

2026 Product Catalogue



CONTENTS

EXITS

5-43

Spirit	6	Form Rod Suspended	25
Cleverfit	8	Boxlite	26
Cleverfit PRO	10	Jumbo	28
Swingblade	12	Gigantor	30
Glider Blade	14	Weatherproof Wall Mount	32
Ultrablade PRO Surface Mount	16	Weatherproof Universal	34
Ultrablade PRO Recessed	18	Weatherproof Universal 40m Jumbo	36
Ultrablade PRO Rod Suspended	20	Low Temperature	38
Form Wall Mount	23	Low Temperature 40m Jumbo	40
Form Ceiling Mount	24	Vandal Resistant	42

DYNAMIC EXIT SIGNAGE

44-53

CleverEVAC Dynamic Green	46	CleverEVAC Dynamic Red X Blade	52
CleverEVAC Dynamic Red X	48		
CleverEVAC Dynamic Green Blade	50		

EMERGENCY LIGHTING

54-95

Nifty Lifelight Recessed	56	Lifelight PRO IP65 Recessed Downlight	76
Nifty Lifelight Surface Mount	58	Lifelight PRO Surface Mount	78
Lifelight Recessed	60	Lifelight PRO Surface Mount Cylinder	80
Lifelight Recessed IP44 Splashproof	62	Lifelight PRO Surface Mount Weatherproof	82
Lifelight Corridor Lens	64	Lifelight PRO Surface Mount Weatherproof Cylinder	84
Lifelight Surface Mount	66	Low Temperature Emergency	86
Lifelight Surface Mount Weatherproof	68	Weatherproof Twin Emergency POD	88
Lifelight Surface Mount with Warehouse Lens	70	Supalite	90
Lifelight PRO Recessed	72	Supalite Weatherproof	92
Lifelight PRO Recessed IP44 Splashproof	74	Lifelight Track Mount	94

CONTENTS

22

CIRCULARS & BULKHEADS

97-113

Argonaut Square	98	Argo Entry	112
Circlite	100		
Argo Circ	104		
Bunkalite	108		
Argo Wall	110		

LED BATTENS

115-165

<i>Weatherproof (IP65, IP66)</i>		<i>Indoor, Diffused & Wireguard (IP20)</i>	
ARGO	117	EPIC Indoor	145
Argonaut Plus	125	Odyssey Diffused	150
Argonaut PRO	133	Odyssey Wireguard	154
Argonaut Vandal Resistant	140	Bare Emergency	158
		Bare Emergency Twin	162

TEMPORARY EXITS & BATTENS

167-179

48V Power Supply & Components	170
48V Temporary Exit	172
48V Temporary Weatherproof Batten	174
48V Temporary Weatherproof Flood Light	178





EXITS

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Spirit	6	Form Rod Suspended	25
Cleverfit	8	Boxlite	26
Cleverfit PRO	10	Jumbo	28
Swingblade	12	Gigantor	30
Glider Blade	14	Weatherproof Wall Mount	32
Ultrablade PRO Surface Mount	16	Weatherproof Universal	34
Ultrablade PRO Recessed Exit	18	Weatherproof 40m Universal Jumbo	36
Ultrablade PRO Rod Suspended	20	Low Temperature	38
Form Wall Mount	23	Low Temperature 40m Jumbo	40
Form Ceiling Mount	24	Vandal Resistant	42

SPIRIT EXIT



Economy LED Exit

The Spirit Exit is an economic and reliable exit that includes all directions inserts for single or double-sided installations.

The Spirit Exit is easy to install using the quick connect bracket and can be either wall or ceiling mounted in a variety of applications.

Applications

-  Office Buildings
-  Factories
-  Car Parks
-  Schools
-  Retail Outlets

TRADE
SERIES
THE TRADES CHOICE



Features and Benefits

- AS/NZS 2293.3 compliant
- Low 1.3W standby power consumption
- Wall and ceiling mount with easy slide connect
- All directional decals in one box
- Lithium Iron Phosphate battery





SPIRIT EXIT

ORDERING INFORMATION		TS
TEST OPTIONS / PART #	Standard - White	SPIRIT
	Standart - Black	SPIRIT-BLK
	Clevertest Plus System Compatible	No
	DALI	-
	Zoneworks® HIVE	-
	Theatre Version	-
Carton Quantity		5 pieces
Weight - Single (Carton)		1.0kg (5kg)
Dimensions (L x W x H)		352mm x 80mm x 200mm
Directional Options		All Directional Inserts Included

POWER, LAMPS AND BATTERY		TS
Power Consumption (Standby / Max)		1.3W / 2.5W
Lamp(s)		50,000 Hour LEDs
Battery		Lithium Iron Phosphate
Voltage (V) / Capacity (mAh)		3.2V / 500mAh
Charging Method		Intelligent Current Limited Constant Voltage

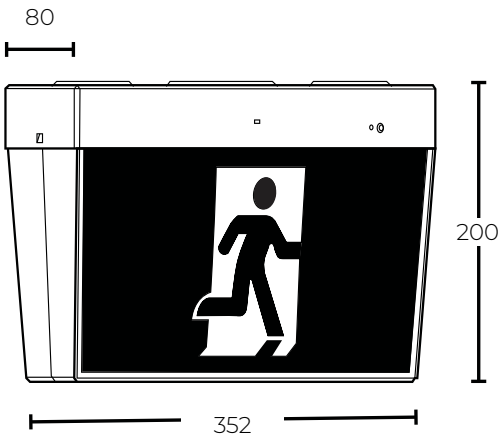
TECHNICAL SPECIFICATIONS		CLASSIFICATION	TS
Operating Mode	Maintained	C0	E2.5
Voltage (V) Frequency (Hz)	220-240V (50Hz)		
Construction - Body / Diffuser	PC / PP	C90	D2.5
Viewing Distance	24m		
Mounting Type	Wall & Ceiling (Single & Double Sided)		
Operating Temperature	1°C to 40°C		

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)									
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
E2.5	5.4	5.6	5.8	5.8	5.8	0.0	0.0	0.0	0.0
D2.5	5.8	5.8	5.7	5.6	5.3	0.0	0.0	0.0	N/A

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit:
<https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux.
Maximum allowed mounting height is 2.7m but
for exceptions see AS/NZS 2293.1.
Spacing classifications do not apply for theatre
versions.

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)

CLEVERFIT EXIT



LED Exit Suitable for All Applications

The Cleverfit Exit is a proven market leader that is known for its reliability, energy efficiency and ease of installation. The tamper resistant cover makes it possible to include all diffuser combinations in one box for single or double sided applications.

The Cleverfit Exit can be either wall or ceiling mounted and the quick connect bracket makes installation nice and easy.

Applications



TRADE
S E R I E S
THE TRADES CHOICE

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®



Features and Benefits

- AS/NZS 2293.3 compliant
- Low 1.1W to 2.7W standby power consumption
- Wall and ceiling mount with easy slide connect
- Can be rod or chain suspended
- All directional decals in one box
- Lithium Iron Phosphate or Nanophosphate® battery
- Clevertest Plus System compatible (LP & L10)
- Theatre version available



CLEVERFIT EXIT

ORDERING INFORMATION		TS	LP	L10
TEST OPTIONS / PART #	Standard - White	ECFLED-LI	CCFLED	LCFLED
	Standard - Black	No	CCFLED-BLK	LCFLED-BLK
	Clevertest Plus System Compatible	No	Yes	Yes
	DALI	-	CCFLED-D2	LCFLED-D2
	Zoneworks® HIVE	-	CCFLED-HVG	LCFLED-HVG
	Theatre Version	ECFLED-LI-TH	CCFLED-TH	LCFLED-TH
Carton Quantity		5 pieces		
Weight - Single (Carton)		1.2kg (6kg)	1.8kg (9kg)	
Dimensions (L x W x H)		355mm x 80mm x 215mm		
Directional Options		All Directional Inserts Included (Excluding Theatre Versions)		
Directional Options (Theatre Only)		Add Suffix to Part Number, -DS Double Sided, -R Pictograph, L (Left) or R (Right) ie. CCFLED-TH-DS-R		

POWER, LAMPS AND BATTERY		TS	LP	L10
Power Consumption (Standby / Max)		1.1W / 2.0W	2.7W / 5.1W	2.7W / 4.5W
Lamp(s)		50,000 Hour LEDs	100,000 Hour LEDs	
Battery		Lithium Iron Phosphate		Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)		3.2V / 600mAh	3.2V / 1500mAh	3.3V / 2500mAh

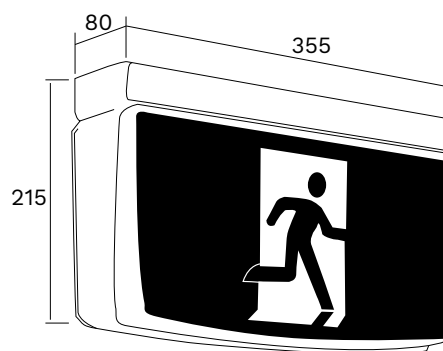
TECHNICAL SPECIFICATIONS		ACCESSORIES			
Operating Mode		TS		LP	L10
Voltage (V) Frequency (Hz)		CLVRBRT-CF-WP		CLVRBRT-CF-WP	CLVRBRT-CF-WP
Construction- Body / Diffuser		2530050		2530050	2530050
Viewing Distance		2530110		2530110	2530110
Mounting Type		3542250		3542250	3542250
Operating Temperature		E2		E2.5	D6.3
IP Rating (IP)		E2		E2	D5

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)									
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
E2	5.0	5.2	5.2	5.2	0.0	0.0	0.0	0.0	N/A
E2.5	5.4	5.6	5.8	5.8	5.8	0.0	0.0	0.0	0.0
D5	7.8	8.0	8.1	8.2	8.2	8.1	8.0	7.7	7.2
D6.3	8.5	8.8	8.9	9.1	9.1	9.2	9.1	9.0	8.7

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit:
<https://clevertronics.com.au/spacing-tables/>

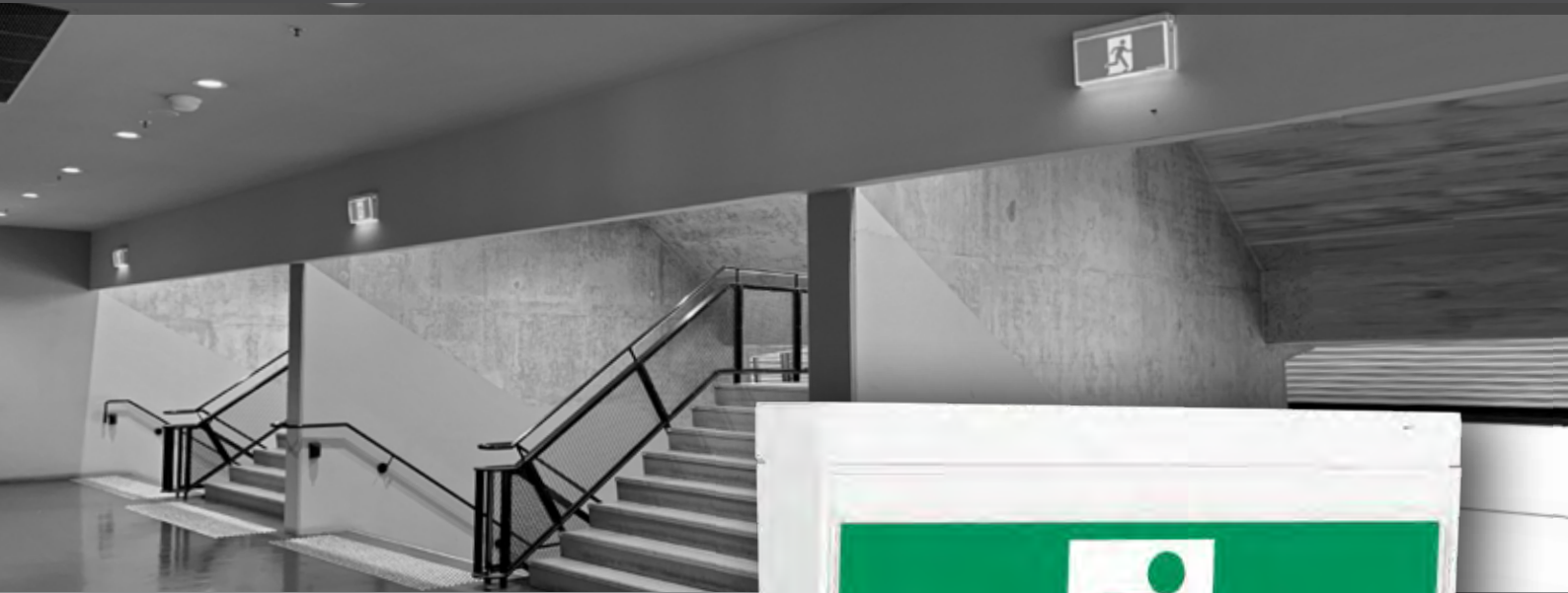
Based on minimum light level of 0.2 lux.
 Maximum allowed mounting height is 2.7m but for exceptions see AS/NZS 2293.1.
 Spacing classifications do not apply for theatre versions.

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)

CLEVERFIT PRO EXIT



Modern and Slimline Architectural Exit

The Cleverfit Pro Exit offers a practical solution in a slimline, architecturally pleasing design. The tamper resistant cover makes it possible to include all diffuser combinations in one box for single or double sided applications.

With a slide connect steel bracket that can be both ceiling or wall mounted, it is easy to see why the Cleverfit Pro is a market leader.

Applications

- | | |
|---|--|
|  Office Buildings |  Shopping Centres |
|  Showrooms |  Retail Outlets |
|  Theatres |  Apartments |

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®



Features and Benefits

- AS/NZS 2293.3 compliant
- Low 2.8W standby power consumption
- Wall and ceiling mount with easy slide connect
- Can be rod or chain suspended
- All directional decals in one box
- Lithium Iron Phosphate or Nanophosphate® battery
- Clevertest Plus System compatible
- Theatre version available



CLEVERFIT PRO EXIT

ORDERING INFORMATION		LP	L10
TEST OPTIONS / PART #	Standard - White	CCFPRO	LCFPRO
	Standard - Black	CCFPRO-BLK	CCFPRO-BLK
	Clevertest Plus System Compatible	Yes	Yes
	DALI	CCFPRO-D2	LCFPRO-D2
	Zoneworks® HIVE	CCFPRO-HVG	LCFPRO-HVG
	Theatre Version	CCFPRO-TH	LCFPRO-TH
Carton Quantity		5	
Weight - Single (Carton)		2.5kg (15.0kg)	
Dimensions (L x W x H)		367mm x 72mm x 214mm	
Directional Options		All Directional Inserts Included (Excluding Theatre Versions)	
Directional Options (Theatre Only)		Add Suffix to Part Number, -DS Double Sided, -R Pictograph, L (Left) or R (Right) ie. CCFPRO-TH-DS-R	

* for additional variants please refer to the Clevertronics Product Guide or website.

POWER, LAMPS AND BATTERY	LP	L10
Power Consumption (Standby / Max)	2.8W / 3.9W	
Lamp(s)	100,000 Hour LED	
Battery	Lithium Iron Phosphate	Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)	3.2V / 1100mAh	3.3V / 2500mAh
Charging Method	Intelligent Current Limited Constant Voltage	

TECHNICAL SPECIFICATIONS	
Operating Mode	Maintained
Voltage (V) Frequency (Hz)	220-240V(50Hz)
Construction - Body / Diffuser	PC-ABS / PC
Viewing Distance	24m
Mounting Type	Wall & Ceiling (Single & Double Sided)
Operating Temperature	1°C to 40°C
Ingress Protection Rating (IP)	IP20

ACCESSORIES	LP	L10
Cantilever Bracket	CLVRBRT-CFPRO	CLVRBRT-CFPRO
Wireguard (Wall Mount)	2530050	2530050
Wireguard (Ceiling Mount)	2530110	2530110

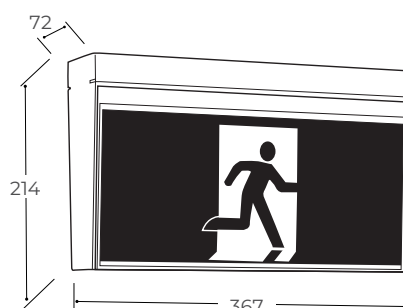
CLASSIFICATION	LP	L10
C0	D3.2	D3.2
C90	B16	B16

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)									
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
D3.2	6.5	6.5	6.5	6.5	6.3	6.1	5.8	0.0	0.0
B16	6.4	6.8	7.2	7.6	7.9	8.2	8.6	9.0	9.3

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit:
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Based on minimum light level of 0.2 lux.
 Maximum allowed mounting height is 2.7m but
 for exceptions see AS/NZS 2293.1.
 Spacing classifications do not apply for theatre
 versions.

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)

SWINGBLADE EXIT



Versatile, Stylish, and Easy to Install

The Swingblade Exit is a sleek, blade-style emergency exit that combines premium design with easy installation and long-term reliability. Its innovative swinging blade adjusts after installation, making it ideal for sloped ceilings while ensuring optimal visibility and compliance.

This all-in-one solution includes a tamper-proof legend cover and directional decals for quick on-site configuration.

Powered by Lithium Iron Phosphate or Nanophosphate® batteries, its high-performance LED fittings offer superior reliability, energy efficiency, and low maintenance.

Applications

- | | |
|---|--|
|  Office Buildings |  Shopping Centres |
|  Showrooms |  Retail Outlets |
|  Theatres |  Apartments |

LP LITHIUM IRON PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®



Features and Benefits

- AS/NZS 2293.3 compliant
- Low 2.8W standby power consumption
- Wall or ceiling mounted
- All directional decals in one box
- Lithium Iron Phosphate or Nanophosphate® battery
- Clevertest Plus System compatible
- Theatre version available



SWINGBLADE EXIT

ORDERING INFORMATION		LP	L10
TEST OPTIONS / PART #	Standard - White	CSBLED	LSBLED
	Standard - Black	CSBLED-BLK	LSBLED-BLK
	Clevertest Plus System Compatible	Yes	Yes
	DALI	CSBLED-D2	LSBLED-D2
	Zoneworks® HIVE	-	LSBLED-HVG
Theatre Version		-	LSBLED-TH
Carton Quantity		6	
Weight - Single (Carton)		2.6kg (17kg)	
Dimensions (L x W x H)		435mm x 90mm x 263mm - Ceiling Mounted 435mm x 90mm x 230mm - Wall Mounted	
Directional Options		All Directional Inserts Included (Excluding Theatre Versions)	
Directional Options (Theatre Only)		Add Suffix to Part Number, -DS Double Sided, -R Pictograph, L (Left) or R (Right) ie. CSBLED-TH-DS-R	

POWER, LAMPS AND BATTERY		LP	L10
Power Consumption (Standby / Max)		3.8W / 5.6W	3.8W / 5.6W
Lamp(s)		24 x High Intensity LED, 100,000 Hour	
Battery		Lithium Iron Phosphate	Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)		3.2V / 3200mAh	3.3V / 2500mAh
Charging Method		Intelligent Current Limited Constant Voltage	

TECHNICAL SPECIFICATIONS		ACCESSORIES	
		LP	L10
Operating Mode	Maintained	CLVRBRT-SWINGBLADE	
Voltage (V) Frequency (Hz)	220-240V(50Hz)		
Construction - Body / Diffuser	Metal Frame, Acrylic & Polycarbonate Diffuser	CLVRBRT-SWINGBLADE-BLK	
Viewing Distance	24m		
Mounting Type	Wall & Ceiling (Single & Double Sided)		
Operating Temperature	1°C to 40°C		
Ingress Protection Rating (IP)	IP20		

CLASSIFICATION		LP	L10
C0		D6.3	D6.3
C90		E3.2	E3.2

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)									
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
D6.3	6.0	6.2	6.4	6.6	6.6	6.6	5.8	0.0	.0.0
E3.2	6.0	6.2	6.4	6.6	6.6	6.6	5.8	0.0	.0.0

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux.
Maximum allowed mounting height is 2.7m but for exceptions see AS/NZS 2293.1.
Spacing classifications do not apply for theatre versions.

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>

Product Configuration:

- 1 Ceiling Mounted
- 2 Wall Mounted

NOTE: If product is suspended below the Ceiling or Mounted on a metal surface the Swingblade bracket cover plate accessory (P/N:2740102) is required to cover the mains terminals.



1



2

Dimensions (mm)

GLIDER BLADE EXIT



Reliable & Cost Effective Blade Exit Solution

Designed to provide a reliable and cost-effective exit solution, the Clevertronics Glider Blade Exit utilises energy-efficient LED technology which provides bright, long-lasting illumination, ensuring that your building's occupants are safe during an emergency.

Available in recessed or surface mount configurations, it features a sleek and compact design that is easy to install and maintain, making it ideal for a wide range of applications.

Applications

- | | |
|---|--|
|  Apartments |  Car Parks |
|  Office Buildings |  Schools |
|  Factories |  Retail Outlets |

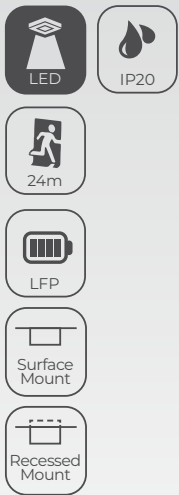
TRADE
S E R I E S
THE TRADES CHOICE

LP LITHIUM IRON PHOSPHATE
PREMIUM
PROVEN PROJECT PERFORMANCE



Features and Benefits

- AS/NZS 2293.3 compliant
- Low 1.1W standby power consumption
- Recessed or Surface Mount (via slide connect)
- All directional decals in one box
- Long life Lithium Iron Phosphate battery



GLIDER BLADE EXIT

ORDERING INFORMATION		TS RECESSED	LP RECESSED	TS SURFACE MOUNT	LP SURFACE MOUNT
TEST OPTIONS / PART #	Standard - White	GLIDER	GLIDER-LP	GLIDER-SM	GLIDER-SM-LP
	Standard - Black	GLIDER-BLK	GLIDER-LP-BLK	GLIDER-SM-BLK	GLIDER-SM-LP-BLK
	Clevertest Plus System Compatible	No	Yes	No	Yes
	DALI	-	GLIDER-LP-D2	-	GLIDER-SM-LP-D2
	Zoneworks® HIVE	-	GLIDER-LP-HVG	-	GLIDER-SM-LP-HVG
Theatre Version		-			
Carton Quantity		5			
Weight - Single (Carton)		1.9kg (9.5kg)		1.8kg (9.0kg)	
Dimensions (L x W x H)		315mm x 9mm x 156mm - Blade Assembly 365mm x 95mm x 48mm - Cover Plate & Gear 335mm x 65mm - Ceiling Cut-out		315mm x 9mm x 156mm - Blade Assembly 341mm x 60mm x 60mm - Base	
Directional Options		All Directional Inserts Included			

POWER, LAMPS AND BATTERY	TS RECESSED	LP RECESSED	TS SURFACE MOUNT	LP SURFACE MOUNT
Power Consumption (Standby / Max)	1.3W / 2.6W	1.1W/2.8W	1.3W/2.6W	1.1W/2.8W
Lamp(s)	100,000 Hours LED			
Battery	Lithium Iron Phosphate			
Voltage (V) / Capacity (mAh)	3.2V / 1100mAh			
Charging Method	Intelligent current limited constant voltage			

TECHNICAL SPECIFICATIONS	TS RECESSED	LP RECESSED	TS SURFACE MOUNT	LP SURFACE MOUNT
Operating Mode	Maintained			
Voltage (V) Frequency (Hz)	220-240V (50Hz)			
Construction - Body / Diffuser	PC & ABS / PC			
Viewing Distance	24M			
Mounting Type	Ceiling (Single or Double Sided)		Wall & Ceiling (Single or Double Sided)	
Operating Temperature	1°C to 40°C			
IP Rating (IP)	IP20			

CLASSIFICATION	TS RECESSED	LP RECESSED	TS SURFACE MOUNT	LP SURFACE MOUNT
C0	E3.2	E3.2	E3.2	E3.2
C90	E3.2	E3.2	E3.2	E3.2

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)									
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
E3.2	5.8	6.1	6.4	6.5	6.6	6.6	6.4	0.0	0.0

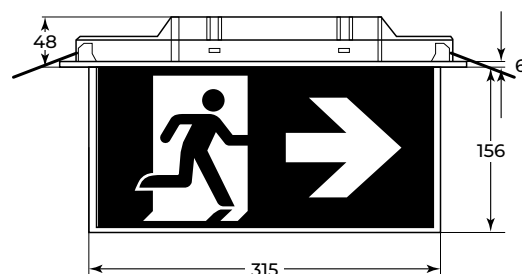
For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux.
Maximum allowed mounting height is 2.7m but
for exceptions see AS/NZS 2293.1.
Spacing classifications do not apply for theatre
versions.

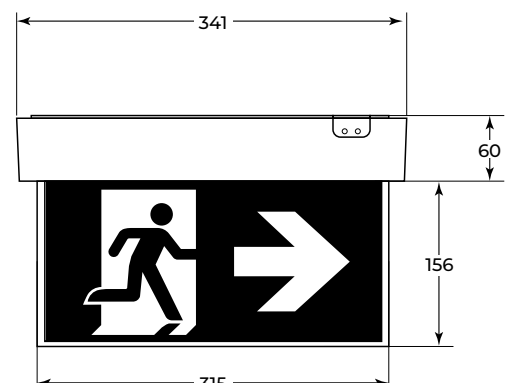
*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>

Product Configuration:

- 1 Recessed
- 2 Surface Mount



1



2

Dimensions (mm)

ULTRABLADE PRO SURFACE MOUNT EXIT



Surface Mounted Architectural Blade Exit

The sophisticated look and design of the Ultrablade Pro Surface Mount Exit will satisfy all architectural requirements for a premium surface mounted exit.

With a reduced reflection, halo effect on the diffuser with a decal that is scratch and fingerprint resistant, it is no wonder the Ultrablade Pro is the industry standard for an architectural blade exit.

Applications



Office Buildings



Shopping Centres



Galleries



Retail Outlets



Theatres



Apartments

TRADE
S E R I E S
THE TRADES CHOICE

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®



Features and Benefits

- AS/NZS 2293.3 compliant
- Low 1.4W to 1.8W standby power consumption
- Wall and ceiling mount
- All directional decals in one box
- Lithium Iron Phosphate or Nanophosphate® battery
- Clevertest Plus System compatible (LP & L10)
- Theatre version available



ULTRABLADE PRO SURFACE MOUNT EXIT

ORDERING INFORMATION		TS	LP	L10
TEST OPTIONS / PART #	Standard - White	EUBPRO-SM-LI	CUBPRO-SM	LUBPRO-SM
	Standard - Black	EUBPRO-SM-LI-BLK	CUBPRO-SM-BLK	LUBPRO-SM-BLK
	Clevertest Plus System Compatible	No	Yes	
	Wall Mount Flag Style	-	CUBPRO-SM-V	LUBPRO-SM-V
	DALI	-	CUBPRO-SM-D2	LUBPRO-SM-D2
	Zoneworks® HIVE	-	CUBPRO-SM-HVG	LUBPRO-SM-HVG
	Theatre Version	No	CUBPRO-SM-TH	LUBPRO-SM-TH
Carton Quantity		5		
Weight - Single (Carton)		1.0kg (5kg)		
Dimensions (L x W x H)		317mm x 8.7mm x 157mm - Blade Assembly 360mm x 47mm x 72mm - Base		
Directional Options		All Directional Inserts Included (Excluding Theatre Versions)		
Directional Options (Theatre Only)		-	Add Suffix to Part Number, -DS Double Sided, -R Pictograph, L (Left) or R (Right) ie. CUBPRO-SM-TH-DS-R	

POWER, LAMPS AND BATTERY	TS	LP	L10
Power Consumption (Standby / Max)	1.8W / 2.8W	1.4W / 3.7W	
Lamp(s)	50,000 Hour LED	100,000 Hour LED	
Battery	Lithium Iron Phosphate		Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)	3.2V / 1100mAh		3.3V / 2500mAh
Charging Method	Intelligent Current Limited Constant Voltage		

TECHNICAL SPECIFICATIONS	
Operating Mode	Maintained
Voltage (V) Frequency (Hz)	220-240V (50Hz)
Construction - Body / Diffuser	PC-ABS / PC
Viewing Distance	24m
Mounting Type	Wall & Ceiling (Single & Double sided)
Operating Temperature	1°C to 40°C
IP Rating (IP)	IP20

ACCESSORIES	
Cantilever Bracket	CLVRBRT-UBPRO
Cantilever Bracket (Black)	CLVRBRT-UBPRO-BLK

CLASSIFICATION	TS	LP	L10
C0	E6.3	E6.3	E6.3
C90	E6.3	E6.3	E6.3
C0 - Flag Style	-	E1	B1
C90 - Flag Style	-	E1	B1

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)									
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
B1	2.4	0.0	0.0	0.0	-	-	-	-	-
E6.3	6.9	7.4	7.9	8.2	8.5	8.8	9.1	9.2	9.3
E1	3.7	0.0	0.0	0.0	-	-	-	-	-

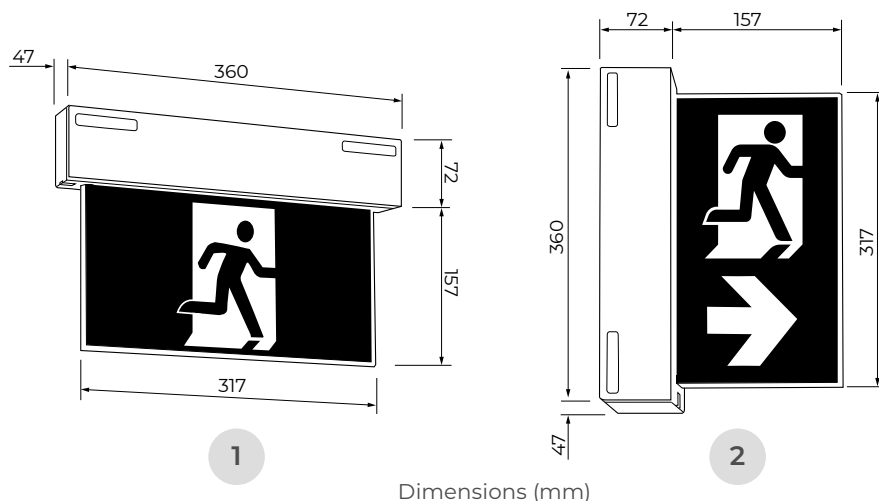
For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit:
<https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux.
 Maximum allowed mounting height is 2.7m but for exceptions see AS/NZS 2293.1.
 Spacing classifications do not apply for theatre versions.

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>

Product Configuration:

- 1 Surface Mount
- 2 Surface Mount (Wall Mount Flag Style)



Dimensions (mm)

ULTRABLADE PRO RECESSED EXIT



Recessed Architectural Blade Exit

The sophisticated look and design of the Ultrablade Pro will satisfy all architectural requirements for a premium recessed exit.

With its low profile design, only 80mm of ceiling space is required during installation, combine this with a reduced reflection and halo effect on the diffuser and a decal that is scratch and fingerprint resistant. It is no wonder the Ultrablade Pro is the industry standard for an architectural blade exit.

Applications

- | | |
|---|--|
|  Office Buildings |  Shopping Centres |
|  Galleries |  Retail Outlets |
|  Theatres |  Apartments |

TRADE
S E R I E S
THE TRADES CHOICE

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®

Features and Benefits

- AS/NZS 2293.3 compliant
- Low 1.4W to 1.8W standby power consumption
- Recessed mount
- All directional decals in one box
- Lithium Iron Phosphate or Nanophosphate® battery
- Clevertest Plus System compatible (LP & L10)
- Theatre version available



ULTRABLADE PRO RECESSED EXIT

ORDERING INFORMATION		TS	LP	L10
TEST OPTIONS / PART #	Standard - White	EUBPRO-LI	CUBPRO	LUBPRO
	Standard - Black	EUBPRO-LI-BLK	CUBPRO-BLK	LUBPRO-BLK
	Clevertest Plus System Compatible	No	Yes	Yes
	Wall Mount Flag Style	-	CUBPRO-V	LUBPRO-V
	DALI	-	CUBPRO-D2	LUBPRO-D2
	Zoneworks® HIVE	-	CUBPRO-HVG	LUBPRO-HVG
	Theatre Version	No	CUBPRO-TH	LUBPRO-TH
Carton Quantity		5		
Weight - Single (Carton)		1.1kg (5.5kg)		
Dimensions (L x W x H)		317mm x 8.7mm x 157mm - Blade Assembly 385mm x 67mm - Cover Plate 350mm x 48mm - Ceiling Cutout		
Directional Options		All Directional Inserts Included (Excluding Theatre Versions)		
Directional Options (Theatre Only)		-	Add Suffix to Part Number, -DS Double Sided, -R Pictograph, L (Left) or R (Right) ie. CUBPRO-TH-DS-R	

POWER, LAMPS AND BATTERY	TS	LP	L10
Power Consumption (Standby / Max)	1.8W / 2.8W	1.4W / 3.7W	
Lamp(s)	50,000 Hour LED	100,000 Hour LED	
Battery	Lithium Iron Phosphate		Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)	3.2V / 1100mAh	3.2V / 1500mAh	3.3V / 2500mAh
Charging Method	Intelligent Current Limited Constant Voltage		

TECHNICAL SPECIFICATIONS		TS	LP	L10
Operating Mode	Maintained			
Voltage (V) Frequency (Hz)	220-240V (50Hz)			
Construction - Body / Diffuser	PC-ABS / PC			
Viewing Distance	24m			
Mounting Type	Wall & Ceiling (Single & Double Sided)			
Operating Temperature	1°C to 40°C			
IP Rating (IP)	IP20			

ACCESSORIES	TS	LP	L10
Mounting Adaptor for Ultrablade	2740054	2740054	2740054

CLASSIFICATION	TS	LP	L10
C0	E5	E6.3	E6.3
C90	E5	E6.3	E6.3
C0 - Flag Style	-	E1.25	B1.25
C90 - Flag Style	-	E1.25	B1.25

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)									
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
B1.25	2.7	2.6	0.0	0.0	0.0	-	-	-	-
E5	6.6	7.0	7.4	7.7	7.9	8.1	8.2	8.2	8.0
E6.3	6.9	7.4	7.9	8.2	8.5	8.8	9.1	9.2	9.3
E1.25	4.1	4.1	0.0	0.0	0.0	0.0	-	-	-

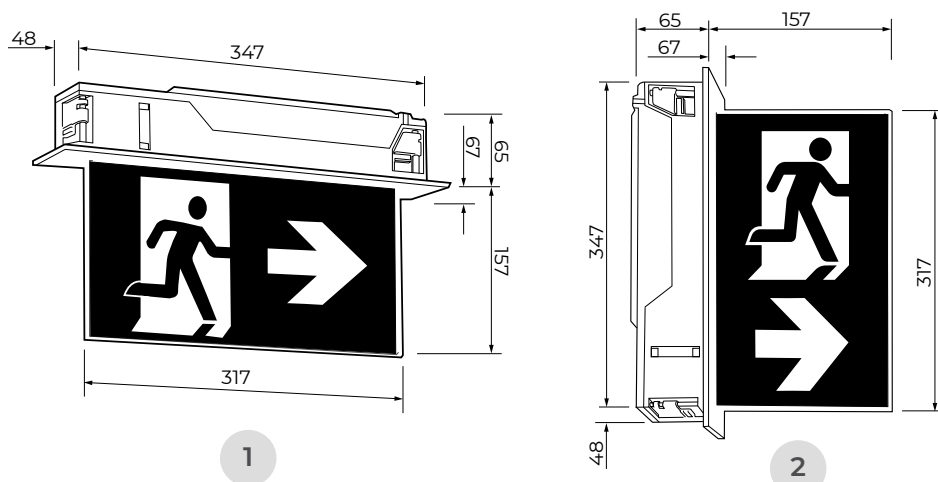
For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit:
<https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux.
 Maximum allowed mounting height is 2.7m but for exceptions see AS/NZS 2293.1.
 Spacing classifications do not apply for theatre versions.

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>

Product Configuration:

- 1 Recessed (Standard)
- 2 Recessed (Wall Mount Flag Style)



Dimensions (mm)

The product details described in this document are current as at the version date of the document. We reserve the right to change product design, specifications or materials (Specifications) as part of our continuous improvement program. Images are indicative only. Please confirm the applicable Specifications at the time of placing your order.

ULTRABLADE PRO ROD SUSPENDED EXIT

Rod Suspended Architectural Blade Exit

The Ultrablade Pro Rod Suspended Exit is ideal for high ceiling applications where a sophisticated premium outcome is required.

Each directional decal is scratch and fingerprint resistant to ensure a clean and consistent outcome.

The 1.5m rods can be customised to suit lower ceiling heights where required.

Applications



Office Buildings



Shopping Centres



Galleries



Retail Outlets



Theatres



Apartments

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®



Features and Benefits

- AS/NZS 2293.3 compliant
- Low 1.4W standby power consumption
- Steel rods supplied with fitting
- All directional decals in one box
- Lithium Nanophosphate® battery
- Clevertest Plus System compatible
- Theatre version available



ULTRABLADE PRO ROD SUSPENDED EXIT

L10		
ORDERING INFORMATION	ROD SUSPENDED (SURFACE MOUNT)	ROD SUSPENDED (RECESSED)
TEST OPTIONS / PART #		
Standard - White	LUBPRO-SM-RS	LUBPRO-RS
Standard - Black	LUBPRO-SM-RS-BLK	LUBPRO-RS-BLK
Clevertest Plus System Compatible	Yes	
DALI	LUBPRO-SM-RS-D2	LUBPRO-RS-D2
Zoneworks® HIVE	LUBPRO-SM-RS-HVG	LUBPRO-RS-HVG
Carton Quantity	1	
Weight - Single	1.5kg	
Dimensions (L x W x H)	Blade Assembly: 317mm x 8.7mm x 157mm Ceiling Mount Control Gear Enclosure: 360mm x 47mm x 72mm Rod Length: 1500mm	Blade Assembly: 317mm x 8.7mm x 157mm Recessed Control Gear Enclosure: 347mm x 48mm x 65mm Cover Plate: 385mm x 67mm Rod Length: 1500mm
Directional Options	All Directional Inserts Included	

POWER, LAMPS AND BATTERY		L10
Power Consumption (Standby / Max)	1.4W / 3.7W	
Lamp(s)	100,000 Hours	
Battery	Lithium Nanophosphate®	
Voltage (V) / Capacity (mAh)	3.3V / 2500mAh	
Charging Method	Intelligent Current Limited Constant Voltage	

TECHNICAL SPECIFICATIONS	
Operating Mode	Maintained
Voltage (V) (Frequency (Hz))	220-240V (50Hz)
Construction	PC/ABS Body with PC Diffuser
Viewing Distance	24m
Operating Temperature	1°C to 40°C
Ingress Protection Rating (IP)	IP20

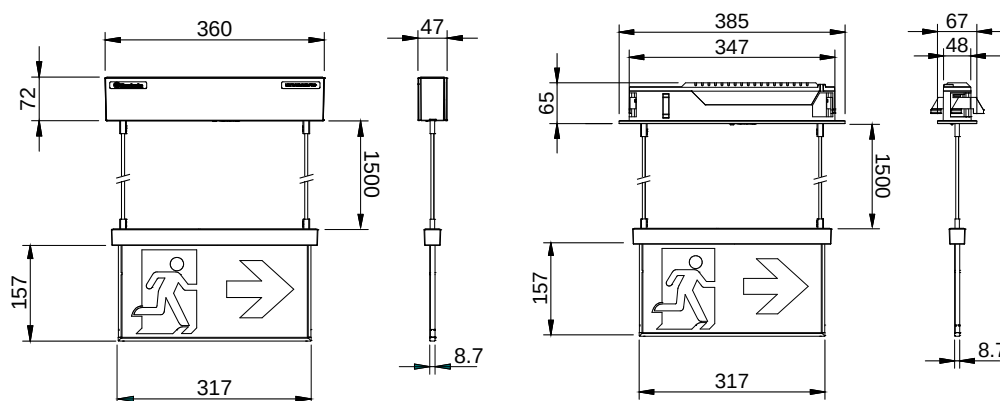
CLASSIFICATION	L10	
	SURFACE MOUNT	RECESSED
C0	E5	E5
C90	E5	E5

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)									
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
E5	6.6	7.0	7.4	7.7	7.9	8.1	8.2	8.2	8.0

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux.
Maximum allowed mounting height is 2.7m but for exceptions see AS/NZS 2293.1.
Spacing classifications do not apply for theatre versions.

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



Product Configuration:

- 1 Rod Suspended (Surface Mount)
- 2 Rod Suspended (Recessed)

1

Ceiling hole cut-out = 350mm x 48mm

2

Dimensions (mm)

FORM EXIT



Sleek Architectural Exit

The Form exit strikes a balance between form & function for applications using a 16m viewing distance. Featuring an elegant and size optimised anodised aluminium frame, the Form is a versatile architectural solution available in multiple configurations including wall, ceiling, recessed or suspended rod mounting.

Designed for simplified installation and maintenance, it also features our industry leading 'One-Box' solution that allows easy changing of directional decals as required.

Applications

- | | |
|---|--|
|  Office Buildings |  Retail outlets |
|  Galleries |  Apartments |
|  Shopping Centres |  Foyers |

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PROVEN PROJECT PERFORMANCE

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®



Features and Benefits

- AS/NZS 2293.3 compliant
- 16m viewing distance
- 'One Box' solution with all changeable directional decals included
- Multiple mounting configurations for all applications
- Optimised Escape Route Illumination with twin rotating emergency lenses
- Up to IP42 Ingress Protection
- Lithium Iron Phosphate or Nanophosphate® battery
- Clevertest Plus System compatible.



FORM EXIT – WALL MOUNT

ORDERING INFORMATION		LP	L10	LP	L10
Mounting Configuration		Wall Mount - Surface		Wall Mount - Recessed	
TEST OPTIONS PART NO	Standard - Aluminium / White	FORM-16-SM-WM-LP-ESC	FORM-16-SM-WM-L10-ESC	FORM-16-REC-WM-LP-ESC	FORM-16-REC-WM-L10-ESC
	DALI - Aluminium / White	FORM-16-SM-WM-LP-D2-ESC	FORM-16-SM-WM-L10-D2-ESC	FORM-16-REC-WM-LP-D2-ESC	FORM-16-REC-WM-L10-D2-ESC
	Zoneworks® HIVE - Aluminium / White	FORM-16-SM-WM-LP-HVG-ESC	FORM-16-SM-WM-L10-HVG-ESC	FORM-16-REC-WM-LP-HVG-ESC	FORM-16-REC-WM-L10-HVG-ESC
	Standard - Black / Black	FORM-16-SM-WM-LP-ESC-BLK	FORM-16-SM-WM-L10-ESC-BLK	FORM-16-REC-WM-LP-ESC-BLK	FORM-16-REC-WM-L10-ESC-BLK
	DALI - Black / Black	FORM-16-SM-WM-LP-D2-ESC-BLK	FORM-16-SM-WM-L10-D2-ESC-BLK	FORM-16-REC-WM-LP-D2-ESC-BLK	FORM-16-REC-WM-L10-D2-ESC-BLK
	Zoneworks® HIVE - Black / Black	FORM-16-SM-WM-LP-HVG-ESC-BLK	FORM-16-SM-WM-L10-HVG-ESC-BLK	FORM-16-REC-WM-LP-HVG-ESC-BLK	FORM-16-REC-WM-L10-HVG-ESC-BLK
Twin Rotating Emergency Lenses		Yes			
Carton Quantity		1			
Weight - Single (Standard)		0.55kg		0.75kg	
Dimensions (L x W x H)		220mm x 18mm x 110mm - Blade Assembly 210mm x 25mm x 100mm - Body / Box		220mm x 18mm x 110mm - Blade Assembly 210mm x 52mm x 100mm - Body / Box 200mm x 90mm - Cut out	
Directional Options		All directional inserts included			

POWER, LAMPS AND BATTERY		LP	L10	LP	L10
Power Consumption (Standby / Max)*		1.5W / 3.6W			
Lamp(s)*		>100,000 Hour LEDs			
Battery Type		Lithium Iron Phosphate	Lithium Nanophosphate®	Lithium Iron Phosphate	Lithium Nanophosphate®
Battery Configuration		Integral			
Voltage (V) / Capacity (mAh)		3.2V / 3200mAh	3.3V / 2500mAh	3.2V / 3200mAh	3.3V / 2500mAh
Charging Method		Intelligent Current Limited Constant Voltage			

* Please refer to the specific product datasheet for actual power consumption and lamp life

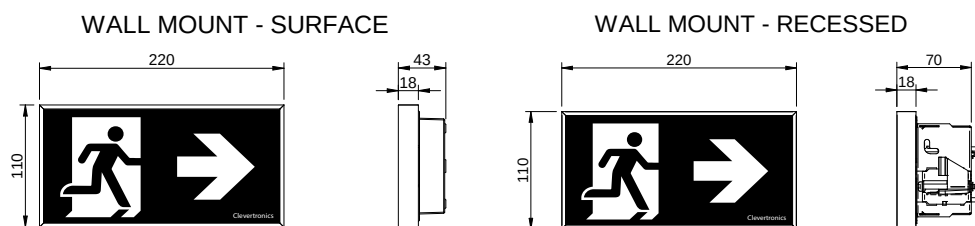
	SURFACE MOUNT		RECESSED		CLASSIFICATION		
TECHNICAL SPECIFICATIONS	LP	L10	LP	L10	Twin Emergency Lens Orientation		
Operating Mode	Maintained				Perpendicular (to the blade)	C0=D32 / C90=C10	
Voltage (V) Frequency (Hz)	220-240V (50Hz)						
Construction - Blade Assembly	Anodised Aluminium Frame & Polycarbonate Housing					Parallel (to the blade)	C0=C12.5 / C90=D32
Construction - Body / Box	Polycarbonate		PCM Sheet Metal				
Viewing Distance	16m					Mixed (one perpendicular, one parallel to the blade)	C0=D25 / C90=D20
Operating Temperature	1°C to 40°C						
Ingress Protection Rating (IP)	IP42		IP20				
Impact Rating (IK)	IK03						

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)									
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
C10	7.3	7.7	8.0	8.3	8.6	8.8	9.0	9.1	9.2
C12.5	7.8	8.2	8.6	8.9	9.2	9.5	9.8	10.0	10.2
D20	11.5	13.2	14.0	14.4	14.8	15.1	15.4	15.8	16.0
D25	11.5	13.2	14.8	15.7	16.1	16.4	16.8	17.3	17.6
D32	11.5	13.2	14.8	16.5	17.6	18.0	18.5	19.0	19.5

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux.
Maximum allowed mounting height is 2.7m but for exceptions see AS/NZS 2293.1.

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



FORM EXIT – CEILING MOUNT

ORDERING INFORMATION		LP	L10	LP	L10
Mounting Configuration		Surface Ceiling Mount		Recessed Ceiling Mount	
TEST OPTIONS PART NO	Standard - Aluminium / White	FORM-16-SM-CM-LP-ESC	FORM-16-SM-CM-L10-ESC	FORM-16-REC-CM-LP-ESC	FORM-16-REC-CM-L10-ESC
	DALI - Aluminium / White	FORM-16-SM-CM-LP-D2-ESC	FORM-16-SM-CM-L10-D2-ESC	FORM-16-REC-CM-LP-D2-ESC	FORM-16-REC-CM-L10-D2-ESC
	Zoneworks® HIVE - Aluminium / White	FORM-16-SM-CM-LP-HVG-ESC	FORM-16-SM-CM-L10-HVG-ESC	FORM-16-REC-CM-LP-HVG-ESC	FORM-16-REC-CM-L10-HVG-ESC
	Standard - Black / Black	FORM-16-SM-CM-LP-ESC-BLK	FORM-16-SM-CM-L10-ESC-BLK	FORM-16-REC-CM-LP-ESC-BLK	FORM-16-REC-CM-L10-ESCBLK
	DALI - Black / Black	FORM-16-SM-CM-LP-D2-ESC-BLK	FORM-16-SM-CM-L10-D2-ESC-BLK	FORM-16-REC-CM-LP-D2-ESC-BLK	FORM-16-REC-CM-L10-D2-ESC-BLK
	Zoneworks® HIVE - Black / Black	FORM-16-SM-CM-LP-HVG-ESC-BLK	FORM-16-SM-CM-L10-HVG-ESC-BLK	FORM-16-REC-CM-LP-HVG-ESC-BLK	FORM-16-REC-CM-L10-HVG-ESC-BLK
Twin Rotating Emergency Lenses		Yes			
Carton Quantity		1			
Weight		0.85kg		0.75kg	
Dimensions (L X W X H)		220mm x 18mm x 110mm - Blade Assembly 225mm x 63mm x 53mm - Body / Box		220mm x 18mm x 110mm - Blade Assembly 225mm x 63mm x 53mm - Body / Box 245mm x 85mm - Cover Plate 230mm x 65mm - Cut Out	
Directional Options		All directional inserts included			

POWER, LAMPS AND BATTERY	LP	L10	LP	L10
Power Consumption (Standby / Max)*	1.5W / 3.6W			
Lamp(s)*	>100,000 Hour LEDs			
Battery Type	Lithium Iron Phosphate	Lithium Nanophosphate®	Lithium Iron Phosphate	Lithium Nanophosphate®
Battery Configuration	Integral			
Voltage (V) / Capacity (mAh)	3.2V / 3200mAh	3.3V / 2500mAh	3.2V / 3200mAh	3.3V / 2500mAh
Charging Method	Intelligent Current Limited Constant Voltage			

*Please refer to the specific product data sheet for actual power, light output, lamp lifetime and driver values.

	Surface Mount		Recessed	
TECHNICAL SPECIFICATIONS	LP	L10	LP	L10
Operating Mode	Maintained			
Voltage (V) Frequency (Hz)	220-240V (50Hz)			
Construction - Blade Assembly	Anodised Aluminium Frame & Polycarbonate Housing			
Construction - Body / Box	Powder Coated Cast Aluminium		PCM Sheet Metal	
Viewing Distance	16M			
Operating Temperature	1°C to 40°C			
Ingress Protection Rating (IP)	IP20			
Impact Rating (IK)	IK03			

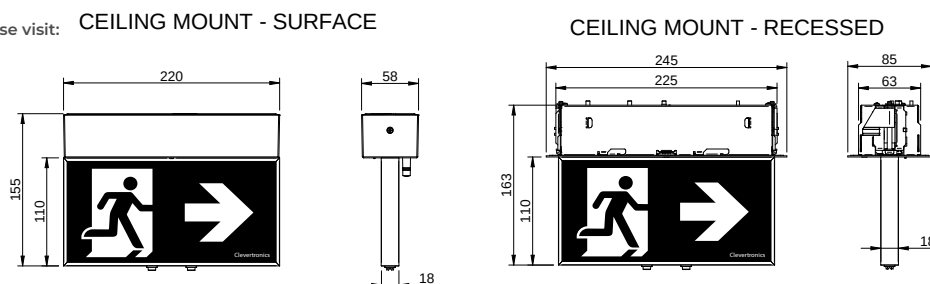
CLASSIFICATION	
Twin Emergency Lens Orientation	
Perpendicular (to the blade)	C0=D32 / C90=C10
Parallel (to the blade)	C0=C12.5 / C90=D32
Mixed (one perpendicular, one parallel to the blade)	C0=D25 / C90=D20

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)									
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
C10	7.3	7.7	8.0	8.3	8.6	8.8	9.0	9.1	9.2
C12.5	7.8	8.2	8.6	8.9	9.2	9.5	9.8	10.0	10.2
D20	11.5	13.2	14.0	14.4	14.8	15.1	15.4	15.8	16.0
D25	11.5	13.2	14.8	15.7	16.1	16.4	16.8	17.3	17.6
D32	11.5	13.2	14.8	16.5	17.6	18.0	18.5	19.0	19.5

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit:
<https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux.
 Maximum allowed mounting height is 2.7m but
 for exceptions see AS/NZS 2293.1.

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



FORM EXIT – ROD SUSPENDED

ORDERING INFORMATION		LP	L10	LP	L10
Mounting Configuration		Surface Ceiling Mount - Rod Suspended		Recessed Ceiling Mount - Rod Suspended	
TEST OPTIONS / PART NO	Standard - Aluminium / White	FORM-16-SM-CM-RS-LP	FORM-16-SM-CM-RS-L10	FORM-16-REC-CM-RS-LP	FORM-16-REC-CM-RS-L10
	DALI - Aluminium / White	FORM-16-SM-CM-RS-LP-D2	FORM-16-SM-CM-RS-L10-D2	FORM-16-REC-CM-RS-LP-D2	FORM-16-REC-CM-RS-L10-D2
	Zoneworks® HIVE - Aluminium / White	FORM-16-SM-CM-RS-LP-HVG	FORM-16-SM-CM-RS-L10-HVG	FORM-16-REC-CM-RS-LP-HVG	FORM-16-REC-CM-RS-L10-HVG
	Standard - Black / Black	FORM-16-SM-CM-RS-LP-BLK	FORM-16-SM-CM-RS-L10-BLK	FORM-16-REC-CM-RS-LP-BLK	FORM-16-REC-CM-RS-L10-BLK
	DALI - Black / Black	FORM-16-SM-CM-RS-LP-D2-BLK	FORM-16-SM-CM-RS-L10-D2-BLK	FORM-16-REC-CM-RS-LP-D2-BLK	FORM-16-REC-CM-RS-L10-D2-BLK
	Zoneworks® HIVE - Black / Black	FORM-16-SM-CM-RS-LP-HVG-BLK	FORM-16-SM-CM-RS-L10-HVG-BLK	FORM-16-REC-CM-RS-LP-HVG-BLK	FORM-16-REC-CM-RS-L10-HVG-BLK
Twin Rotating Emergency Lenses		No			
Carton Quantity		1			
Weight		1.3kg		1.2kg	
Dimensions (L x W x H)		220mm x 18mm x 110mm - Blade Assembly 220mm x 58mm x 45mm - Body / Box 1500mm x 5mm ø Rod		220mm x 18mm x 110mm - Blade Assembly 225mm x 63mm x 53mm - Body / Box 277mm x 99mm - Cover Plate 230mm x 65mm - Cut Out 1500mm x 5mm ø Rod	
Directional Options		All directional inserts included			

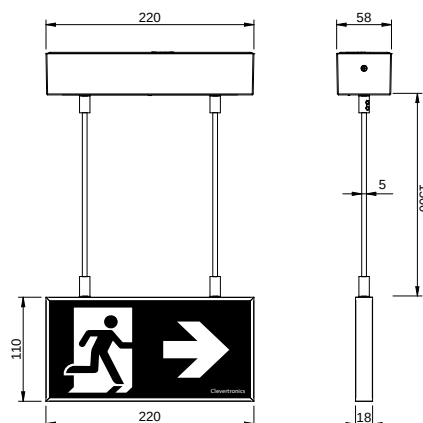
POWER, LAMPS AND BATTERY	LP	L10	LP	L10
Power Consumption (Standby / Max)*	1.5W / 3.6W			
Lamp(s)*	>100,000 Hour LEDs			
Battery Type	Lithium Iron Phosphate	Lithium Nanophosphate®	Lithium Iron Phosphate	Lithium Nanophosphate®
Battery Configuration	Integral			
Voltage (V) / Capacity (mAh)	3.2V / 1100mAh	3.3V / 2500mAh	3.2V / 1100mAh	3.3V / 2500mAh
Charging Method	Intelligent Current Limited Constant Voltage			

* Please refer to the speciBc product datasheet for actual power consumption and lamp life

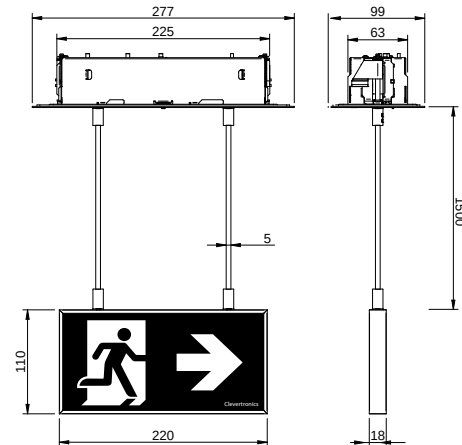
TECHNICAL SPECIFICATIONS	LP	L10	LP	L10
Operating Mode	Maintained			
Voltage (V) Frequency (Hz)	220-240V (50Hz)			
Construction - Blade Assembly	Anodised Aluminium Frame & Polycarbonate Housing			
Construction - Body / Box	Polycarbonate		PCM Sheet Metal	
Viewing Distance	16M			
Operating Temperature	1°C to 40°C			
Ingress Protection Rating (IP)	IP20			
Impact Rating (IK)	IK03			

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>

CEILING MOUNT - SURFACE
ROD SUSPENDED



CEILING MOUNT - RECESSED
ROD SUSPENDED



The product details described in this document are current as at the version date of the document. We reserve the right to change product design, specifications or materials (Specifications) as part of our continuous improvement program. Please confirm the applicable Specifications at the time of placing your order.

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BOXLITE EXIT



Conventional Exit for Quick Retrofits

The Boxlite Exit is a conventional style LED exit with a detachable base plate that makes retrofitting on existing sites easy work, and can be easily changed between maintained to non-maintained modes via the test button.

Available as a wall or ceiling mount model and supplied with all directional combinations in each box.



Applications



Office Buildings



Schools



Factories



Retail Outlets



Car Parks



Apartments

TRADE

S E R I E S

THE TRADES CHOICE

Features and Benefits

- AS/NZS 2293.3 compliant
- Wall or ceiling mount
- Maintained or non-maintained operation
- All directional decals in one box
- Lithium Iron Phosphate battery



BOXLITE EXIT

ORDERING INFORMATION	TS CEILING MOUNT ①	TS WALL MOUNT ②
Standard	EBLLED-CM-LI	EBLLED-WM-LI
Clevertest Plus System Compatible	No	
Carton Quantity	5	
Weight - Single (Carton)	1.5kg (7.5kg)	
Dimensions (L x W x H)	375mm x 160mm x 240mm	375mm X 105mm X 160mm
Directional Options	All Directional Inserts Included	

POWER, LAMPS AND BATTERY	TS CEILING MOUNT ①	TS WALL MOUNT ②
Power Consumption (Standby / Max)	1.4W / 2.3W	
Lamp(s)	50,000 Hours LED	
Battery	Lithium Iron Phosphate	
Voltage (V) / Capacity (mAh)	3.2V / 1100mAh	
Charging Method	Intelligent Current Limited Constant Voltage	

TECHNICAL SPECIFICATIONS		
Operating Mode	Maintained	
Voltage (V) Frequency (Hz)	220-240V (50Hz)	
Construction - Body / Diffuser	ABS / PC	
Viewing Distance	24m	
Mounting Type	Ceiling Single or Double Sided	Wall Single Sided
Operating Temperature	1°C to 40°C	
Ingress Protection Rating (IP)	IP20	

ACCESSORIES	TS CEILING MOUNT ①	TS WALL MOUNT ②
Cantilever Bracket	3562091	-
Wireguard	2530110	2530050
Wireguard Black	2530112	2530052

CLASSIFICATION	TS CEILING MOUNT ①	TS WALL MOUNT ②
C0	D3.2	E2
C90	D3.2	E2

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)									
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
E2	5.0	5.2	5.2	5.2	0.0	0.0	0.0	0.0	0.0
D3.2	6.5	6.5	6.5	6.5	6.3	6.1	5.8	0.0	0.0

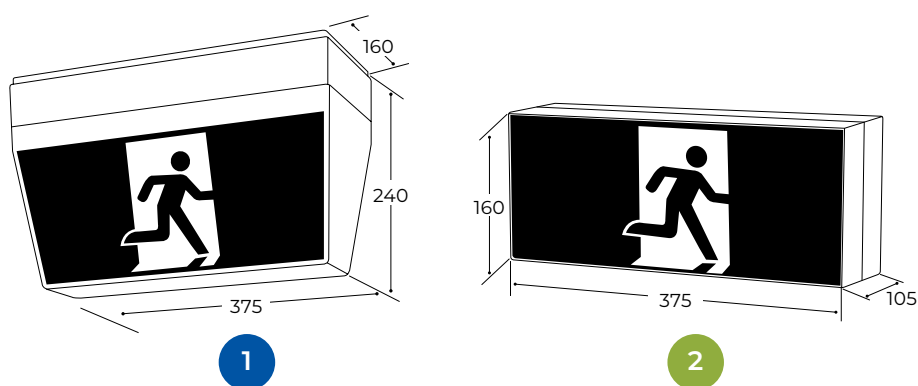
For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux.
Maximum allowed mounting height is 2.7m but for exceptions see AS/NZS 2293.1.
Spacing classifications do not apply for theatre versions.

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>

Product Configuration:

- ① Ceiling Mount
- ② Wall Mount



Dimensions (mm)

JUMBO LED EXIT



40m Viewing Distance Exit

The Jumbo LED Exit caters for 40m viewing distance applications by using a 250mm high pictograph.

Featuring a robust steel housing with slide in diffusers and back plates for single and double sided configurations, the Jumbo LED Exit is easy to install as a wall or ceiling mounted exit.



Applications



Warehouses



Stadiums



Factories



Halls



Car Parks



Train Stations

TRADE
S E R I E S
THE TRADES CHOICE

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM
NANOPHOSPHATE
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE

Features and Benefits

- AS/NZS 2293.3 compliant
- Wall and ceiling mount
- Can be rod or chain suspended
- All directional decals in one box
- Lithium Iron Phosphate or Nanophosphate® battery
- Clevertest Plus System compatible (LP & L10)



JUMBO LED EXIT

ORDERING INFORMATION		TS	LP	L10
TEST OPTIONS / PART #	Standard	EJELED-40-LI	CJELED-40	LJELED-40
	Clevertest Plus System Compatible	No	Yes	Yes
	DALI	-	CJELED-40-D2	LJELED-40-D2
	Zoneworks® HIVE	-	CJELED-40-HVG	LJELED-40-HVG
Carton Quantity		1		
Weight - Single (Carton)		7.3kg		
Dimensions (L x W x H)		630mm x 100mm x 320mm		
Directional Options		All Directional Inserts Included in the Box		

POWER, LAMPS AND BATTERY		TS	LP	L10
Power Consumption (Standby / Max)		5.3W / 6.5W	3.2W / 5.6W	
Lamp(s)		50,000 Hour LED	100,000 Hour LED	
Battery Type		Lithium Iron Phosphate		Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)		3.2V / 3000mAh	3.2V / 3200mAh	3.3V / 2500mAh
Charging Method		Intelligent Current Limited Constant Voltage		

TECHNICAL SPECIFICATIONS	
Operating Mode	Maintained
Voltage (V) (Frequency (Hz))	220-240V (50Hz)
Construction - Body / Diffuser	Powder Coated Metal / Acrylic
Viewing Distance	40m
Mounting Type	Wall & Ceiling Single & Double Sided
Operating Temperature	1°C to 40°C
Ingress Protection Rating (IP)	IP20 (IP66/67 Version Available)

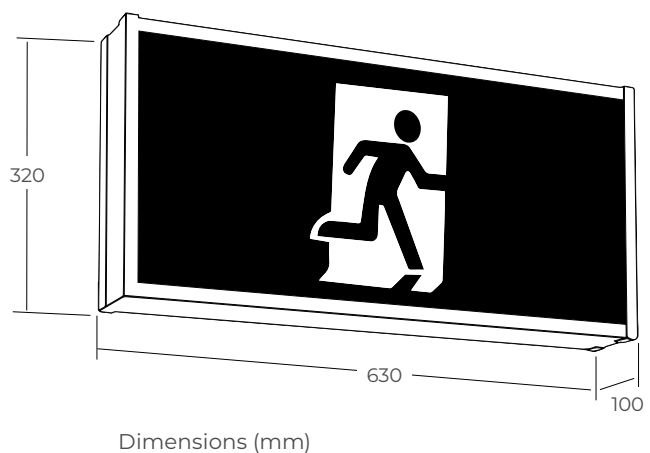
CLASSIFICATION	TS	LP	L10
C0	D6.3	D6.3	D6.3
C90	E3.2	E3.2	E3.2

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)									
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
D6.3	8.5	8.8	8.9	9.1	9.1	9.2	9.1	9.0	8.7
E3.2	5.8	6.1	6.4	6.5	6.6	6.6	6.4	0.0	0.0

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux.
Maximum allowed mounting height is 2.7m but for exceptions see AS/NZS 2293.1.
Spacing classifications do not apply for theatre versions.

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



GIGANTOR EXIT



80m Viewing Distance Exit

The Gigantor Exit caters for applications requiring viewing distances of up to 80m.

With LED and Lithium battery technology the Gigantor is perfect for stadiums and large hall usage. Featuring a robust steel housing with a 510mm high pictograph that is designed to be wall mounted.



Applications



Factories



Stadiums



Warehouses



Halls

L10 LITHIUM
NANOPHOSPHATE[®]
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE[®]

Features and Benefits

- AS/NZS 2293.3 compliant
- Wall mount
- Can be rod or chain suspended
- Lithium Nanophosphate battery
- Clevertest Plus System compatible



GIGANTOR EXIT

ORDERING INFORMATION		L10
TEST OPTIONS / PART #	Standard	LGELED-80-WM-R
	Clevertest Plus System Compatible	Yes
	DALI	LGELED-80-WM-D2-R
	Zoneworks® HIVE	LGELED-80-WM-HVG-R
Carton Quantity		1
Weight - Single (Carton)		21kg
Dimensions (L x W x H)		1305mm x 170mm x 560mm
Directional Options		Must Specify Diffuser Combination

POWER, LAMPS AND BATTERY		L10
Power Consumption (Standby / Max)		16.5W / 21.8W
Lamp(s)		100,000 Hours LED 2 x 3W LED
Battery Type		Nanophosphat
Voltage (V) / Capacity (mAh)		1 x 3.3V / 5000 mAh 1 x 6.6V / 2500 mAh
Charging Method		Intelligent Current Limited Constant Voltage

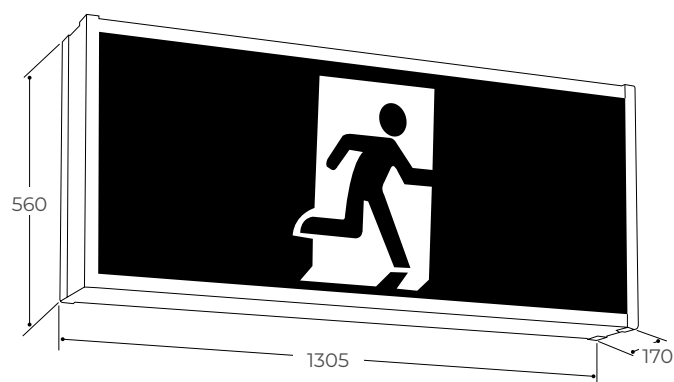
TECHNICAL SPECIFICATIONS		CLASSIFICATION	L10
Operating Mode	Maintained	C0	D80
Voltage (V) Frequency (Hz)	220-240V (50Hz)	C90	D80
Construction - Body / Diffuser	Powder Coated Metal / Acrylic		
Viewing Distance	80m		
Mounting Type	Wall Single Sided		
Operating Temperature	1°C to 40°C		
Ingress Protection Rating (IP)	IP20		

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)									
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
D80	11.5	13.2	14.8	16.5	18.1	19.8	-	-	-

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux.
Maximum allowed mounting height is 2.7m but
for exceptions see AS/NZS 2293.1.
Spacing classifications do not apply for theatre
versions.

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)

WEATHERPROOF WALL MOUNT EXIT

Weatherproof and Robust Wall Mount

The Weatherproof Wall Mount Exit is ideal for applications that require an IP66/67 rated exit that is available in a 24m viewing distance.

Fitted with 100K hour LEDs and built with a robust polycarbonate base and diffuser it is perfect for applications in warehouses, factories and stadiums.

Applications



Schools



Public Amenities



Factories



Stadiums



Car Parks



Warehouses



Features and Benefits

- AS/NZS 2293.3 compliant
- Wall mount
- All directional decals in one box
- Lithium Iron Phosphate or Nanophosphate® battery
- Clevertest Plus System compatible



LED



IP66/67



24m



IK08/09



Wall Mount



LNP



LFP

LP LITHIUM IRON PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®

WEATHERPROOF WALL MOUNT EXIT

ORDERING INFORMATION		LP	L10
TEST OPTIONS / PART #	Standard - White	CWELED-WM	LWELED-WM
	Standard - Black	CWELED-WM-BLK	LWELED-WM-BLK
	Clevertest Plus System/ Self-Test Capable	Yes	
	DALI	CWELED-D2-WM	LWELED-D2-WM
	Zoneworks® HIVE	CWELED-HVG-WM	LWELED-HVG-WM
Carton Quantity		4	
Weight - Single (Carton)		2.8kg (14kg)	2.8kg (14kg)
Dimensions (L x W x H)		380mm x 130mm x 190mm	380mm x 130mm x 190mm
Directional Options		All Directional Inserts Included	

POWER, LAMPS AND BATTERY	LP	L10
Power Consumption (Standby / Max)	2.7W / 5.1W	2.5W / 4.8W
Lamp(s)	100,000hrs LEDs	
Battery	Lithium Iron Phosphate	Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)	3.2V / 1500mAh	3.3V / 2500mAh
Charging Method	Intelligent Current Limited Constant Voltage	

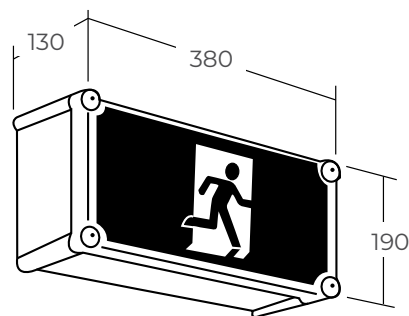
TECHNICAL SPECIFICATIONS		CLASSIFICATION	LP	L10
Operating Mode	Maintained	C0	E1.6	E1.6
Voltage (V) Frequency (Hz)	240V AC / 50Hz	C90	E1.6	E1.6
Construction - Body / Diffuser	PC / PC			
Mounting Type	Wall Mount Single Sided			
Operating Temperature	0°C to 40°C			
Ingress Protection Rating (IP)	IP66/67			
Impact Rating (IK)	IK08 (Side) & IK09 (Front)			

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)									
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
E1.6	4.6	4.7	4.6	0.0	0.0	0.0	0.0	N/A	N/A

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux. Maximum allowed mounting height is 2.7m but for exceptions see AS/NZS 2293.1. Spacing classifications do not apply for theatre versions.

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)

WEATHERPROOF UNIVERSAL EXIT



Weatherproof and Easy to Install

The Weatherproof Universal Exit offers a cost effective solution for applications that require an IP66/67 rated exit. Mounting can be either wall or ceiling with the option of single or double sided decals.

Built with a polycarbonate clear cover and nylon base that is tested to an impact rating of IK10 it is easy to see why it is a popular choice for weatherproof applications.

Applications

- | | |
|--|--|
|  Schools |  Public Amenities |
|  Factories |  Stadiums |
|  Car Parks |  Warehouses |

TRADE
S E R I E S
THE TRADES CHOICE

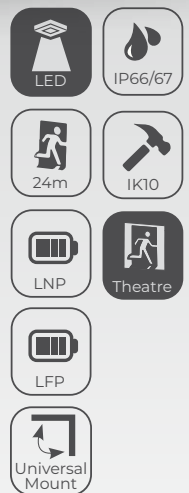
LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®



Features and Benefits

- AS/NZS 2293.3 compliant
- Wall or ceiling mount
- Can be rod or chain suspended
- All directional decals in one box
- Lithium Iron Phosphate or Nanophosphate® battery
- Clevertest Plus System compatible (LP & L10)
- Theatre version available



WEATHERPROOF UNIVERSAL EXIT

ORDERING INFORMATION		TS	LP	L10
TEST OPTIONS / PART #	Standard - White	EWELED-LI	CWELED	LWELED
	Standard - Black	EWELED-LI-BLK	CWELED-BLK	LWELED-BLK
	Clevertest / Self-Test Capable	No	Yes	Yes
	DALI	-	CWELED-D2	LWELED-D2
	Zoneworks® HIVE	-	CWELED-HVG	LWELED-HVG
Carton Quantity		4		
Weight - Single (Carton)		3.4 kg (14kg)		
Dimensions (L x W x H)		410mm x 100mm x 272mm		
Directional Options		All Directional Inserts Included (Excluding theatre versions)		

POWER, LAMPS AND BATTERY	TS	LP	L10
Power Consumption (Standby/Max)	1.1W / 2.0W	2.7W / 5.1W	
Lamp(s)	50,000 Hours LEDs	100,000 Hours LEDs	
Battery	Lithium Iron Phosphate		Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)	3.2V / 600mAh	3.2V / 1500mAh	3.3V / 2500mAh
Charging Method	Intelligent Current Limited Constant Voltage		

TECHNICAL SPECIFICATIONS	
Operating Mode	Maintained
Voltage (V) Frequency (Hz)	220-240V(50Hz)
Construction	Cleverfit Inside Glass Reinforced Nylon Base & PC Cover
Viewing Distance	24m
Mounting Type	Wall & Ceiling (Single & Double Sided)
Operating Temperature	0°C to 40°C
Ingress Protection Rating (IP)	IP66/67
Impact Rating (IK)	IK10

ACCESSORIES	TS	LP	L10
Cantilever Bracket	CLVRBRT-CF-WP	CLVRBRT-CF-WP	CLVRBRT-CF-WP

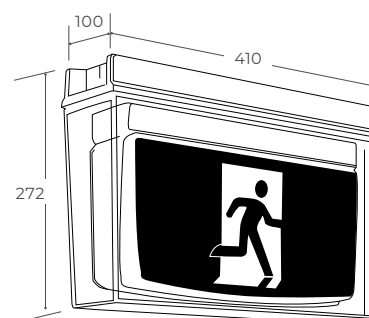
CLASSIFICATION	TS	LP	L10
C0	E2	E2	E2
C90	E1.6	E2	E2

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)									
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
E1.6	4.6	4.7	4.6	0.0	0.0	0.0	0.0	N/A	N/A
E2	5.0	5.2	5.2	5.2	0.0	0.0	0.0	0.0	N/A

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux.
Maximum allowed mounting height is 2.7m but for exceptions see AS/NZS 2293.1.
Spacing classifications do not apply for theatre versions.

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)

WEATHERPROOF UNIVERSAL 40M JUMBO EXIT



Weatherproof Jumbo Exit for Larger Viewing Distances

The Weatherproof Universal Jumbo Exit is ideal for applications that require an IP66 rated exit for 40m viewing distance applications.

Featuring a robust housing with slide in diffusers and back plates for single and double sided configurations, the Weatherproof Universal Jumbo Exit is easy to install as a wall or ceiling mounted exit.

Applications



Warehouses



Stadiums



Factories



Halls



Car Parks



Train Stations

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PROVEN PROJECT PERFORMANCE

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®



Features and Benefits

- AS/NZS 2293.3 compliant
- Wall and ceiling mount
- Single and double sided
- Includes all directional inserts
- IP66 Ingress Rating
- IK09 Impact Rating
- Lithium Iron Phosphate or Nanophosphate® battery
- Clevertest Plus System compatible



WEATHERPROOF UNIVERSAL 40M JUMBO EXIT

ORDERING INFORMATION		LP	L10
TEST OPTIONS / PART #	Standard	CJWELED-40	LJWELED-40
	Clevertest Plus System compatible	Yes	Yes
	DALI	CJWELED-40-D2	LJWELED-40-D2
	Zoneworks® HIVE	CJWELED-40-HVG	LJWELED-40-HVG
Carton Quantity		1	
Weight - Single (Carton)		5.6kg (5.6kg)	
Dimensions (L x W x H)		570mm x 117mm x 340mm	
Directional Options		All Directional Inserts Included in the Box	

POWER, LAMPS AND BATTERY		LP	L10
Power Consumption (Standby / Max)		2.8W / 4.8W	
Lamp(s)		100,000 Hour LED	
Battery type		Lithium Iron Phosphate	Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)		3.2V / 3200mAh	3.3V / 2500mAh
Charging Method		Intelligent Current Limited Constant Voltage	

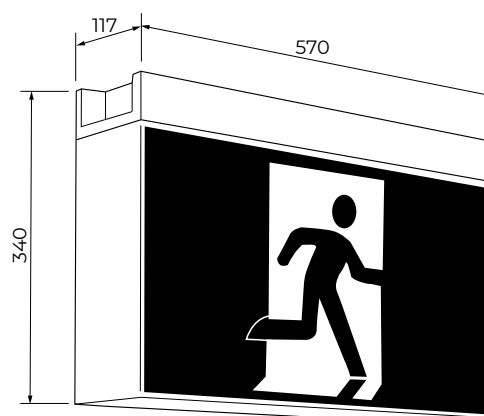
TECHNICAL SPECIFICATIONS		CLASSIFICATION		LP	L10
Operating Mode	Maintained	C0	D6.3	D6.3	D6.3
Voltage (V) (Frequency (Hz))	220-240V (50Hz)	C90	E4	E4	E4
Construction - Body / Diffuser	Polycarbonate				
Viewing Distance	40m				
Mounting Type	Wall & Ceiling / Single & Double Sided				
Operating Temperature	0°C to 40°C				
Ingress Protection Rating (IP)	IP66				
Impact Rating (IK)	IK09				

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)									
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
D6.3	8.5	8.8	8.9	9.1	9.1	9.2	9.1	9.0	8.7
E4	6.2	6.6	6.9	7.1	7.3	7.4	7.4	0.0	0.0

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit:
<https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux.
 Maximum allowed mounting height is 2.7m but for exceptions see AS/NZS 2293.1.
 Spacing classifications do not apply for theatre versions.

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)

LOW TEMPERATURE EXIT



Suitable for Cool Room and Freezer Applications

The Low Temperature Exit range is designed for cool room and freezer applications where the temperature can drop to -40°C .

Now featuring Lithium Nanophosphate battery technology, the 24m viewing distance range is available in universal or wall mount as a one box solution with all directional decals to suit any application.

Applications



Cool Rooms



Food Processing



Freezers



Alpine Regions

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®

Features and Benefits

- AS/NZS 2293.3 compliant
- -25°C to -40°C options
- Lithium Nanophosphate® battery
- IP66/67 Ingress rating
- Clevertest Plus System compatible



LOW TEMPERATURE EXIT

ORDERING INFORMATION		L10		
Viewing Distance / Product Configuration		24m Universal Mount Single or Double Sided Integral Gear ¹	24m Wall Mount Single Sided Integral Gear ²	24m Wall Mount Single Sided Remote Enclosed Gear ² ³
Operating Temperature		-25°C to 40°C		-40°C to 40°C (EXIT) 0°C to +40°C (REMOTE CONTROL GEAR)
PART #	Standard	LWEPRO-FZR	LWELED-WM-FZR	LWELED-WM-IPREM
	DALI	No	No	LWELED-WM-D2-IPREM
	Zoneworks® HIVE	LWEPRO-FZR-HVG	LWELED-WM-FZR-HVG	LWELED-WM-HVG-IPREM
Clevertest Plus System Compatible		No	No	Yes
Directional Options		All Directional Inserts Included (Excluding Theatre Versions)		
Carton Quantity		1		
Weight - Single (Carton)		3.4kg	2.7kg	4.8kg
Dimensions (L X W X H) - Exit		410mm x 100mm x 272mm	380mm x 190mm x 130mm	380mm x 190mm x 130mm
Dimensions (L X W X H) - Remote Enclosed Gear		-	-	380mm x 190mm x 130mm

POWER, LAMPS AND BATTERY		L10		
Power Consumption (Standby / Max)		1.4W / 3.5W	2.8W / 3.8W	3.6W / 4.6W
Lamp(s)		100,000 Hours LED		
Battery		Lithium Nanophosphate®		
Voltage (V) / Capacity (mAh)		3.3V / 5000mAh		3.3V / 2500mAh
Charging Method		Intelligent Current Limited Constant Voltage		

TECHNICAL SPECIFICATIONS				
Operating Mode		Maintained		
Voltage (V) (Frequency (Hz))		240V AC (50HZ)		
Construction - Body / Diffuser		Exit: PC/ABS Body with PC Diffuser / Enclosure PC Clear Cover, Glass Reinforced Nylon Base	PC Clear Cover, PC Base	PC Clear Cover, PC Base
Ingress Protection Rating (IP)		IP66/67		
Impact Rating (IK)		IK10	IK08 (Side Surface) / IK09 (Front Surface)	

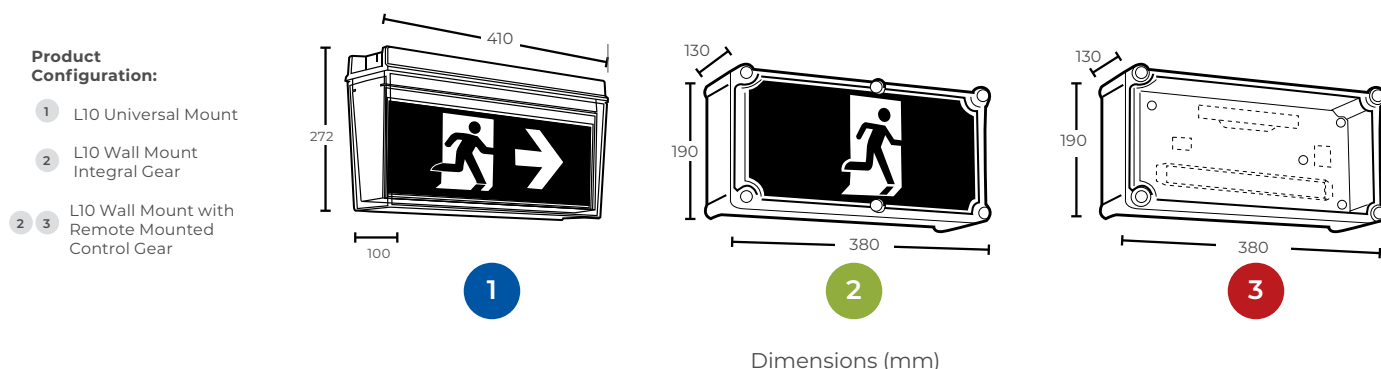
CLASSIFICATION		L10		
C0		D2.5	E1.6	E1.6
C90		E4	E1.6	E1.6

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)									
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
E1.6	4.6	4.7	4.6	0.0	0.0	0.0	0.0	N/A	N/A
D2.5	5.8	5.8	5.7	5.6	5.3	0.0	0.0	0.0	N/A
E4	6.2	6.6	6.9	7.1	7.3	7.4	7.4	0.0	0.0

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux. Maximum allowed mounting height is 2.7m but for exceptions see AS/NZS 2293.1. Spacing classifications do not apply for theatre versions.

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



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LOW TEMPERATURE JUMBO LED EXIT



Low Temp Jumbo Exit for Larger Viewing Distances

The Low Temperature Jumbo LED Exit range is designed for cool room and freezer applications where the temperature can drop to -40°C .

Now featuring Lithium Nanophosphate[®] battery technology, the 40m viewing distance range is available with integral or remote control gear to suit any application.



Applications



Cool Rooms



Food Processing



Freezers



Alpine Regions

L10 LITHIUM
NANOPHOSPHATE[®]
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE[®]

Features and Benefits

- AS/NZS 2293.3 compliant
- -25°C to -40°C options
- Lithium Nanophosphate[®] battery
- IP66/67 Ingress rating
- Clevertest Plus System compatible



LOW TEMPERATURE JUMBO LED EXIT

ORDERING INFORMATION		L10
Viewing Distance / Product Configuration	40M Integral Gear ¹	40M Remote Control Gear ^{1 2}
Operating Temperature	-25°C to 40°C	-40°C to 40°C (Exit) 0°C to +40°C (Remote Control Gear)
PART #	Standard	LJWELED-WM-FZR-40-R
	Clevertest Plus System Compatible	No
	Zoneworks® HIVE	LJWELED-WM-FZR-40-HVG-R
Carton Quantity	1	
Weight - Single (Carton)	5.5kg	7.7kg
Dimensions (L X W X H) - Exit	560mm x 280mm x 130mm	560mm x 280mm x 130mm
Dimensions (L X W X H) - Control Gear	-	380mm x 190mm x 130mm
Directional Options	Diffuser Options - Add 'R' Right Arrow, 'L' Left Arrow (eg LJWELED-WM-FZR-40-RR)	

POWER, LAMPS AND BATTERY		L10
Power Consumption (Standby / Max)	2.8W / 5.3W	
Lamp(s)	100,000 Hours LED	
Battery Type	Lithium Nanophosphate®	
Voltage (V) / Capacity (mAh)	3.3V / 5000mAh	3.3V / 2500mAh
Charging Method	Intelligent Current Limited Constant Voltage	

TECHNICAL SPECIFICATIONS	
Operating Mode	Maintained
Voltage (V) (Frequency (Hz))	220-240V (50Hz)
Construction - Body / Diffuser	Polycarbonate Clear Cover, Polycarbonate Base
Mounting Type	Wall Mount
Ingress Protection Rating (IP)	IP66/67 (Both Exit & Remote Control Gear)
Impact Rating (IK)	IK08 (Side Surface), IK09 (Front Surface)

CLASSIFICATION	L10	
C0	E1.6	E1.6
C90	E1.25	E1.25

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)									
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
E1.25	4.1	4.1	0.0	0.0	0.0	0.0	N/A	N/A	N/A
E1.6	4.6	4.7	4.6	0.0	0.0	0.0	0.0	N/A	N/A

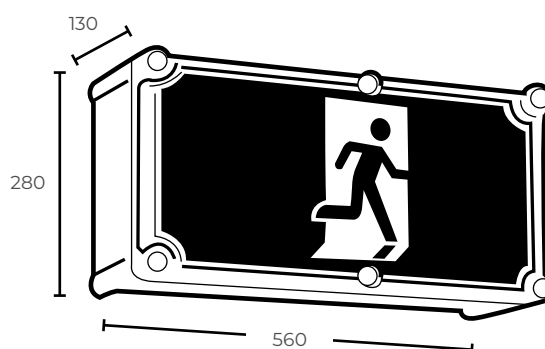
For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux.
Maximum allowed mounting height is 2.7m but for exceptions see AS/NZS 2293.1. Spacing classifications do not apply for theatre versions.

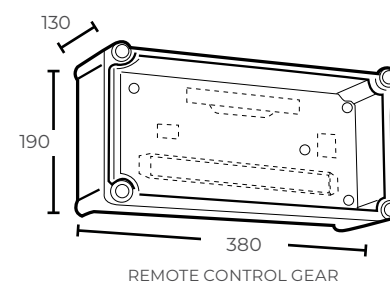
*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>

Product Configuration:

- ¹ 40M Integral Gear
- ^{1 2} 40M Remote Control Gear



1



2

Dimensions (mm)

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VANDAL RESISTANT EXIT



A Strong, Robust and Reliable Exit

The Vandal Resistant Exit is a high impact IK12 rated exit that utilises the Cleverfit PRO within a powder coated steel enclosure.

It provides an effective solution for prisons, correction facilities, train stations and heavy industrial areas. It can be wall, ceiling or flag mounted with single or double-sided decals.



Applications



Public Amenities



Stadiums



Car Parks



Schools



Train Stations



Correctional Facilities

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®

Features and Benefits

- AS/NZS 2293.3 compliant
- Wall, ceiling and flag mount options
- All directional decals in one box
- Lithium Nanophosphate® battery
- Clevertest Plus System compatible
- All test options available



VANDAL RESISTANT EXIT

ORDERING INFORMATION		L10		
		CEILING MOUNTED	WALL MOUNTED	FLAG MOUNTED
TEST OPTIONS / PART #	Standard	LVELED-CM	LVELED-WM	LVELED-FM
	Clevertest Plus System Compatible	Yes		
	DALI	LVELED-CM-D2	LVELED-WM-D2	LVELED-FM-D2
	Zoneworks® HIVE	LVELED-CM-HVG	LVELED-WM-HVG	LVELED-FM-HVG
Carton Quantity		1		
Weight - Single (Carton)		6.6kg		
Dimensions (L x W x H)		425mm x 100mm x 270mm		
Directional Options		All Directional Inserts Included		

POWER, LAMPS AND BATTERY		L10
Power Consumption (Standby / Max)		3.6W / 5.6W
Lamp(s)		100,000 Hours
Battery		Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)		3.3V / 2500mAh
Charging Method		Intelligent Current Limited Constant Voltage

TECHNICAL SPECIFICATIONS	
Operating Mode	Maintained
Voltage (V) (Frequency (Hz))	220-240V (50Hz)
Construction	Cleverfit Pro Inside Powder Coated Metal Frame & PC Diffuser
Viewing Distance	24m
Operating Temperature	1°C to 40°C
Ingress Protection Rating (IP)	IP20
Impact Rating (IK)	IK12 (Wall & Ceiling Mounted) IK10 (Flag Mounted)

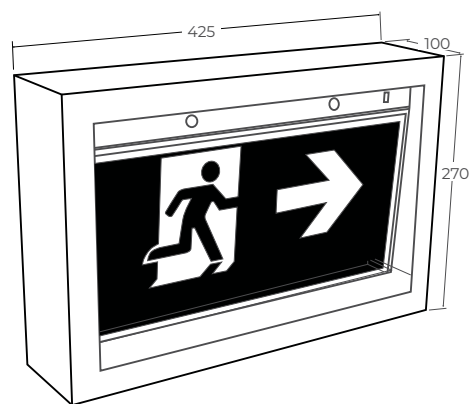
	L10		
	CEILING MOUNTED	WALL MOUNTED	FLAG MOUNTED
CLASSIFICATION			
C0	D3.2	D3.2	D3.2
C90	E8	E8	E8

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)									
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
D3.2	6.5	6.5	6.5	6.5	6.3	6.1	5.8	0.0	0.0
E8	7.3	7.9	8.4	8.8	9.2	9.5	9.9	10.2	10.4

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux.
Maximum allowed mounting height is 2.7m but for exceptions see AS/NZS 2293.1.
Spacing classifications do not apply for theatre versions.

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>

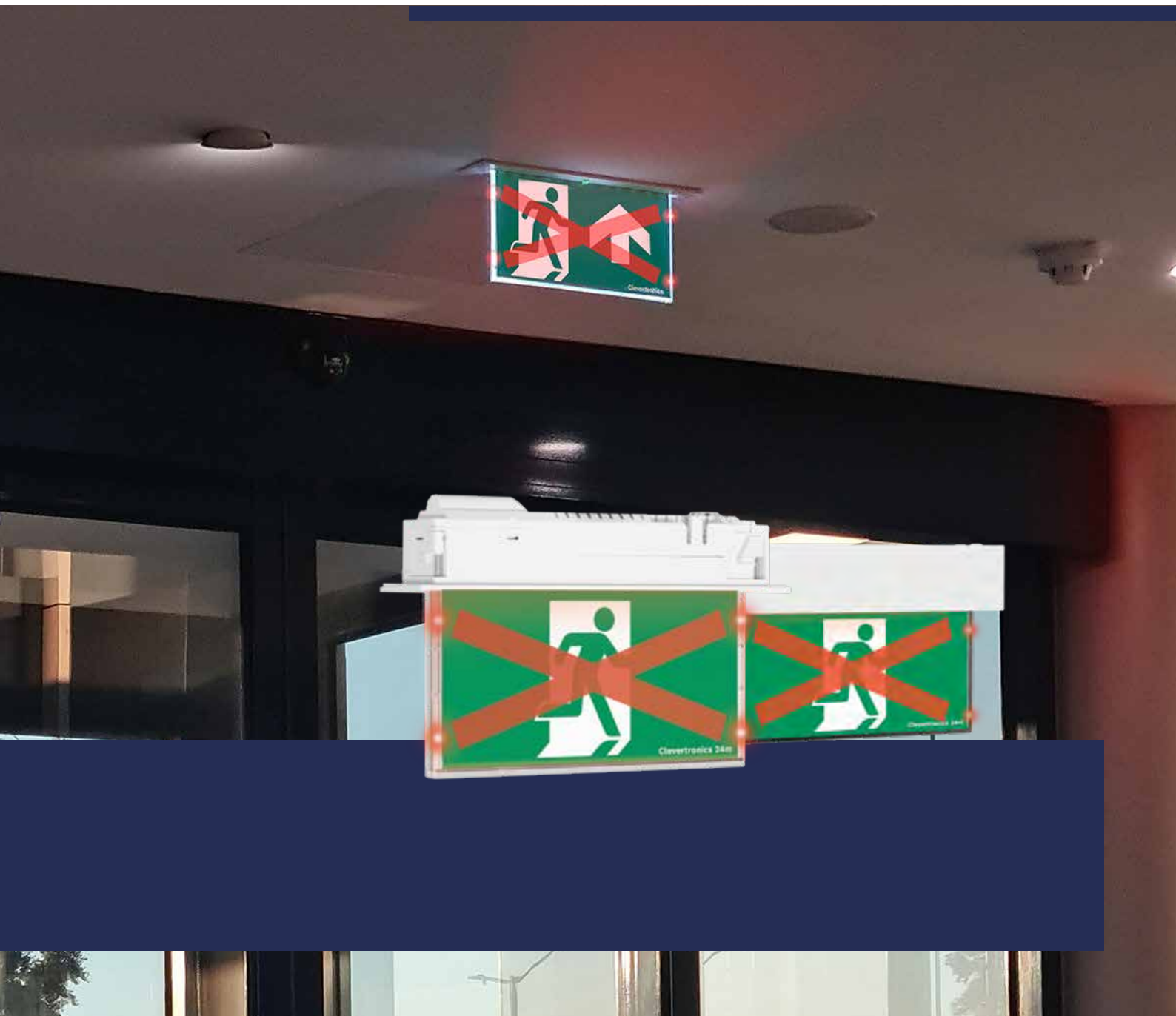


Dimensions (mm)



Disclaimer: Clevertronics Pty Ltd is a vendor of CleverEVAC products. It is not a fire engineer or designer. It does not purport to recommend its products for use in any particular application or to achieve any particular outcome. Purchasers and users of its products must take their own steps to ensure compliance with statutory requirements, safe practice and suitable application of the products.

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DYNAMIC EXIT SIGNAGE

CleverEVAC Dynamic Green Exit	46
CleverEVAC Dynamic Red X Exit	48
CleverEVAC Dynamic Green Blade Exit	50
CleverEVAC Dynamic Red X Blade Exit	52

CLEVEREVAC DYNAMIC GREEN EXIT



Dynamic GREEN Exit Sign

The CleverEVAC Dynamic GREEN Exit sign has been developed to provide an increased visibility of exit signage.

Dynamic GREEN Exit signs are available with the standard running man symbol and also with directional arrow options. The Dynamic GREEN mode is triggered either by a 24VDC or voltage free open/close signal from the fire detection or other building safety system.

Combining audible locatable sounds including announcements such as 'Exit Here', with the increased visibility of dynamic exit signage, the SoundEscape™ option is available and fits perfectly into all dynamic exit sign products.

Suitable for Most Applications

 Office Buildings	 Shopping Centres
 Stadiums	 Theatres
 Car Parks	 Airports
 Schools	 Transit Centres

LP LITHIUM IRON PHOSPHATE PREMIUM PREMIUM PROJECT PERFORMANCE	L10 LITHIUM NANOPHOSPHATE® OPTIMUM NOTHING ELSE COMPETES WITH NANOPHOSPHATE®
--	---



SoundEscape™ option.

Features and Benefits

- BCA/NCC compliant
- Low 1.1W to 2.7W standby power consumption
- Wall and ceiling mount with easy slide connect
- Lithium Iron Phosphate or Nanophosphate® battery
- Locatable sound technology
- Weatherproof option available
- Theatre version available
- Also available in blade style

 LED	 IP20
 24m	 Theatre
 LNP	 Sound Escape
 LFP	 Dynamic Signage
 Universal Mount	

CLEVEREVAC DYNAMIC GREEN EXIT

ORDERING INFORMATION		LP ①	LP W/SOUNDESCAPE ②	L10 ①	L10 W/SOUNDESCAPE ②
TEST OPTIONS / PART #	Standard - Running Man Right	DYGC-CP-RR	DYGC-CP-RR-SND	DYGL-CP-RR	DYGL-CP-RR-SND
	- Running Man Left	DYGC-CP-RL	DYGC-CP-RL-SND	DYGL-CP-RL	DYGL-CP-RL-SND
	- Running Man Up	DYGC-CP-RU	DYGC-CP-RU-SND	DYGL-CP-RU	DYGL-CP-RU-SND
	- Running Man Down	DYGC-CP-RD	DYGC-CP-RD-SND	DYGL-CP-RD	DYGL-CP-RD-SND
	- Running Man	DYGC-CP-R	DYGC-CP-R-SND	DYGL-CP-R	DYGL-CP-R-SND
	Zoneworks® HIVE	Yes		Yes	
	Theatre Version Option	Yes	-	Yes	-
	Weatherproof Option	Yes	-	Yes	-
	Weight - Single (Carton)	2.0kg	2.4kg	2.0kg	2.4kg
	Dimensions (L x W x H)	367mm x 214mm x 72mm	446mm x 214mm x 72mm	367mm x 214mm x 72mm	446mm x 214mm x 72mm

* for additional variants please refer to the Clevertronics Product Guide or website.

* -NO denotes a Normally Open signal from the fire system. Normally Closed -NC also available.

POWER, LAMPS AND BATTERY	LP	LP W/ SOUNDESCAPE	L10	L10 W/ SOUNDESCAPE
Power Consumption (Standby / Max)	1.5 W / 5.0 W	4.0 W / 10.0 W	1.5 W / 5.0 W	4.0 W / 10.0 W
Lamp(s)	100,000 Hour LEDs		100,000 Hour LEDs	
Battery	Lithium Iron Phosphate	Lithium Iron Phosphate & Nickel Cadmium (Sunder Unit)	Lithium Nanophosphate®	Lithium Nanophosphate® & Nickel Cadmium (Sunder Unit)
Voltage (V) / Capacity (mAh)	3.2V / 2500mAh	3.2V / 3200mAh / 3.6V 600mAh (Sunder Unit)	3.2V / 2500mAh	3.3V / 5000mAh / 3.6V 600mAh (Sunder Unit)
Charging Method	Intelligent Current Limited Constant Voltage		Intelligent Current Limited Constant Voltage	

TECHNICAL SPECIFICATIONS	
Operating Mode	Maintained - Dynamic modes activated on VF/24V input trigger & capable of being activated in power-on & battery-backed mode. Normally open (NO) version - Dynamic Green and Sound activated (turned on) when contact interface is closed. Normally Closed (NC) also available.
Voltage (V) Frequency (Hz)	220-240V (50Hz)
Construction - Body / Diffuser	PC/ABS Body with PC Diffuser
Viewing Distance	24m
Mounting Type	Wall & Ceiling (Single Sided Only)
Operating Temperature	1°C to 40°C
IP Rating (IP)	IP20

CLASSIFICATION	LP	L10
C0	E2.5	E2.5
C90	E1.6	E1.6

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)

Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
E2.5	5.4	5.6	5.8	5.8	5.8	0.0	0.0	0.0	0.0
E1.6	4.6	4.7	4.6	0.0	0.0	0.0	0.0	N/A	N/A

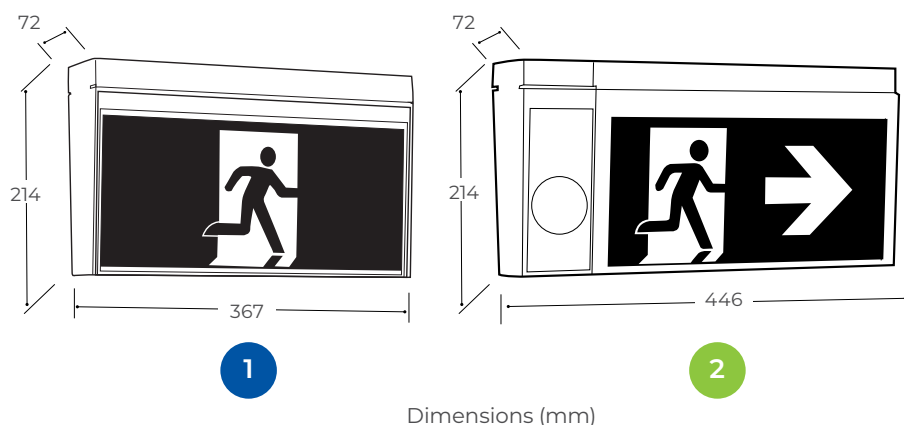
For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux. Maximum allowed mounting height is 2.7m but for exceptions see AS/NZS 2293.1. Spacing classifications do not apply for theatre versions.

*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>

Product Configuration:

- ① Dynamic Green Exit
- ② Dynamic Green Exit w/ SoundEscape™



Dimensions (mm)

CLEVEREVAC DYNAMIC RED X EXIT



Dynamic RED X Exit Sign

CleverEVAC Dynamic RED X signs can be interfaced to the building's fire detection or other safety system, as designed by a fire safety engineer.

CleverEVAC Dynamic RED X sign can display a red cross, alerting those evacuating to seek an alternative exit. Dynamic RED X signs also have the Dynamic GREEN function built in.

The Dynamic RED X mode (and Dynamic GREEN mode if specified) is triggered either by 24VDC or voltage free open/close signals from the fire detection or other building safety system.

Suitable for Most Applications



Office Buildings



Shopping Centres



Stadiums



Theatres



Car Parks



Airports & Transit



Schools



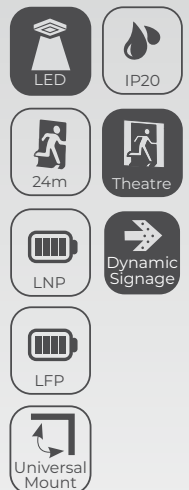
Heritage Buildings



Built in Dynamic GREEN function.

Features and Benefits

- AS/NZS 2293.3 compliant, in non-dynamic mode
- Low 1.1W to 2.7W standby power consumption
- Wall and ceiling mount with easy slide connect
- Lithium Iron Phosphate or Nanophosphate® battery
- Capable of positive re-enforcement Dynamic GREEN
- Zoneworks® HIVE compatible
- Weatherproof option available
- Theatre version available



CLEVEREVAC DYNAMIC RED X EXIT

ORDERING INFORMATION		LP	L10
TEST OPTIONS / PART #	Standard - Running Man Right	DYRC-CP-RR	DYRL-CP-RR
	- Running Man Left	DYRC-CP-RL	DYRL-CP-RL
	- Running Man Up*	DYRC-CP-RU	DYRL-CP-RU
	- Running Man Down*	DYRC-CP-RD	DYRL-CP-RD
	- Running Man^	DYRC-CP-R	DYRL-CP-R
	Zoneworks® HIVE	Yes	Yes
	Theatre Version Option	Yes	Yes
	Weatherproof Option	Yes	Yes
Weight - Single (Carton)		2.0kg	2.0kg
Dimensions (L x W x H)		367mm x 214mm x 80mm	367mm x 214mm x 80mm

* for additional variants please refer to the Clevertronics Product Guide or website.

*-NO denotes a Normally Open signal from the fire system. Normally Closed -NC also available.

POWER, LAMPS AND BATTERY	LP	L10
Power Consumption (Standby / Max)	1.5 W / 5.0 W	
Lamp(s)	100,000 Hour LEDs	
Battery	Lithium Iron Phosphate	Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)	3.2V / 2500mAh	
Charging Method	Intelligent Current Limited Constant Voltage	

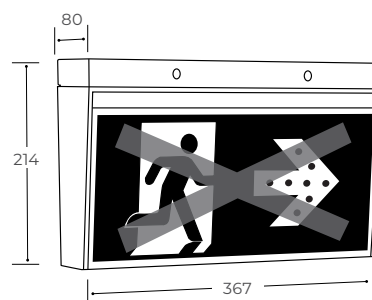
TECHNICAL SPECIFICATIONS		CLASSIFICATION	LP	L10
Operating Mode	Maintained –Sequencing inward green LEDs or illuminated Red X with side flashing Red LED's on closing of the VF/24V contact and capable of being activated in power-on and battery-backed mode. Normally open (NO) version – Dynamic Green or illuminated Red X when contact interface is closed.	C0	E2.5	E2.5
Voltage (V) Frequency (Hz)	220-240V (50Hz)	C90	E1.6	E1.6
Construction - Body / Diffuser	PC/ABS Body with PC Diffuser			
Viewing Distance	24m			
Mounting Type	Wall & Ceiling (Single Sided)			
Operating Temperature	1°C to 40°C			
IP Rating (IP)	IP20			

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)									
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
E2.5	5.4	5.6	5.8	5.8	5.8	0.0	0.0	0.0	0.0
E1.6	4.6	4.7	4.6	0.0	0.0	0.0	0.0	N/A	N/A

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux. Maximum allowed mounting height is 2.7m but for exceptions see AS/NZS 2293.1. Spacing classifications do not apply for theatre versions.

*Warranty information located at:
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Dimensions (mm)

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CLEVEREVAC DYNAMIC GREEN BLADE EXIT



Dynamic GREEN Ultrablade Pro Exit Sign

The CleverEVAC Dynamic GREEN Blade Exit sign has been developed to provide an increased visibility of exit signage.

Dynamic GREEN Blade Exit signs are available with the standard running man symbol and also with directional arrow options. The Dynamic GREEN mode is triggered either by a 24VDC or voltage free open/close signal from the fire detection or other building safety system.

The sophisticated look and design of the blade will satisfy all architectural requirements for a premium exit.

Suitable for Most Applications

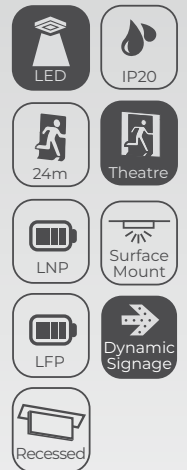
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|---|--|
|  Office Buildings |  Theatres |
|  Stadiums |  Schools |
|  Shopping Centres |  Airports & Transit |

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®

Features and Benefits

- BCA/NCC compliant
- Low 1.1W to 2.7W standby power consumption
- Lithium Iron Phosphate or Nanophosphate® battery
- Zoneworks® HIVE compatible
- Theatre version available



CLEVEREVAC DYNAMIC GREEN BLADE EXIT

ORDERING INFORMATION		LP RECESSED	LP CEILING MOUNT	LP WALL MOUNT	L10 RECESSED	L10 CEILING MOUNT	L10 WALL MOUNT
TEST OPTIONS / PART #	Standard - Running Man Right	DYGC-UP-RR	DYGC-UP-CM-RR	DYGC-UP-WM-RR	DYGL-UP-RR	DYGL-UP-CM-RR	DYGL-UP-WM-RR
	- Running Man Left	DYGC-UP-RL	DYGC-UP-CM-RL	DYGC-UP-WM-RL	DYGL-UP-RL	DYGL-UP-CM-RL	DYGL-UP-WM-RL
	- Running Man Up	DYGC-UP-RU	DYGC-UP-CM-RU	DYGC-UP-WM-RU	DYGL-UP-RU	DYGL-UP-CM-RU	DYGL-UP-WM-RU
	- Running Man Down	DYGC-UP-RD	DYGC-UP-CM-RD	DYGC-UP-WM-RD	DYGL-UP-RD	DYGL-UP-CM-RD	DYGL-UP-WM-RD
	- Running Man	DYGC-UP-R	DYGC-UP-CM-R	DYGC-UP-WM-R	DYGL-UP-R	DYGL-UP-CM-R	DYGL-UP-WM-R
Zoneworks® HIVE		Yes			Yes		
Theatre Version Option		-			-		
Carton Quantity		1			1		
Weight - Single (Carton)		2.0kg			2.0kg		
Dimensions (L x W x H)		385mm x 67mm x 257mm	385mm x 88mm x 257mm		385mm x 67mm x 257mm	385mm x 88mm x 257mm	

* for additional variants please refer to the Clevertronics Product Guide or website.

* -NO denotes a Normally Open signal from the fire system. Normally Closed -NC also available.

POWER, LAMPS AND BATTERY	LP	L10
Power Consumption (Standby / Max)	1.5 W / 9.0 W	1.5 W / 5.0 W
Lamp(s)	100,000 Hour LEDs	100,000 Hour LEDs
Battery	Lithium Iron Phosphate	Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)	3.2V / 3200mAh	3.2V / 2500mAh
Charging Method	Intelligent Current Limited Constant Voltage	Intelligent Current Limited Constant Voltage

TECHNICAL SPECIFICATIONS	
Operating Mode	Maintained -Sequencing arrows/inward LEDs activated on VF/24V input trigger & capable of being activated in power-on & battery-backed mode
Voltage (V) Frequency (Hz)	220-240V (50Hz)
Construction - Body / Diffuser	PC/ABS body with PC diffuser
Viewing Distance	24m
Mounting Type	Recessed, Surface Mount Options, Single-Sided, Double-Sided
Operating Temperature	1°C to 40°C
IP Rating (IP)	IP20

CLASSIFICATION	LP	L10
C0	E4	D5
C90	C32	C25

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)

Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
D5	7.8	8.0	8.1	8.2	8.2	8.1	8.0	7.7	7.2
E4	6.2	6.8	6.9	7.1	7.3	7.4	7.4	0.0	0.0
C25	9.4	10.0	10.5	11.0	11.5	11.9	12.4	12.9	13.4
C32	10.0	10.7	11.3	11.8	12.3	12.8	13.4	14.0	14.5

For 1 lux and AS/NZS 2293.1:2005

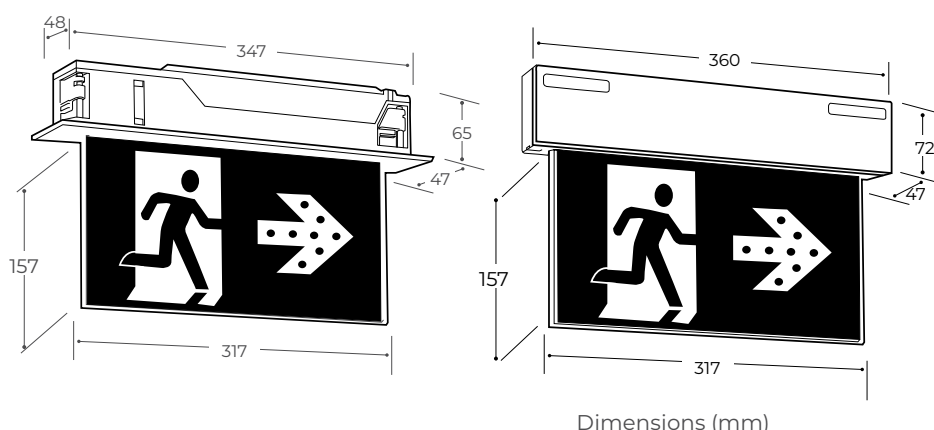
spacing tables please visit:

<https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux. Maximum allowed mounting height is 2.7m but for exceptions see AS/NZS 2293.1. Spacing classifications do not apply for theatre versions.

*Warranty information located at:

<https://clevertronics.com.au/warranty-statement/>



CLEVEREVAC DYNAMIC RED X BLADE EXIT



Dynamic Green & Red X Exit Signage

CleverEVAC Dynamic RED X signs can be interfaced to the building's fire detection or other safety system, as designed by a fire safety engineer.

CleverEVAC Dynamic RED X sign can display a red cross, alerting those evacuating to seek an alternative exit. Dynamic RED X signs also have the Dynamic GREEN function built in.

The Dynamic RED X mode (and Dynamic GREEN mode if specified) is triggered either by 24VDC or voltage free open/close signals from the fire detection or other building safety system.

The sophisticated look and design of the blade will satisfy all architectural requirements for a premium exit.

Suitable for Most Applications



Office Buildings



Theatres



Stadiums



Schools



Shopping Centres

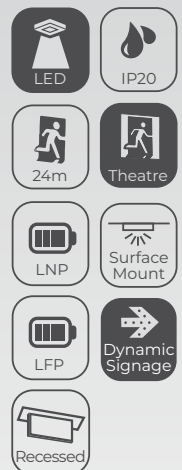


Airports & Transit



Features and Benefits

- AS/NZS 2293.3 compliant, in non-dynamic mode
- Low 1.1W to 2.7W standby power consumption
- Wall and ceiling mount with easy slide connect
- Lithium Iron Phosphate or Nanophosphate® battery
- Negative enforcement options
- Capable of positive re-enforcement Dynamic GREEN
- Zoneworks® HIVE compatible
- Theatre version available



CLEVEREVAC DYNAMIC RED X BLADE EXIT

ORDERING INFORMATION		LP RECESSED	LP CEILING MOUNT	LP WALL MOUNT	L10 RECESSED	L10 CEILING MOUNT	L10 WALL MOUNT
TEST OPTIONS / PART #	Standard - Running Man Right	DYRC-UP-RR	DYRC-UP-CM-RR	DYRC-UP-WM-RR	DYRL-UP-RR	DYRL-UP-CM-RR	DYRL-UP-WM-RR
	- Running Man Left	DYRC-UP-RL	DYRC-UP-CM-RL	DYRC-UP-WM-RL	DYRL-UP-RL	DYRL-UP-CM-RL	DYRL-UP-WM-RL
	- Running Man Up	DYRC-UP-RU	DYRC-UP-CM-RU	DYRC-UP-WM-RU	DYRL-UP-RU	DYRL-UP-CM-RU	DYRL-UP-WM-RU
	- Running Man Down	DYRC-UP-RD	DYRC-UP-CM-RD	DYRC-UP-WM-RD	DYRL-UP-RD	DYRL-UP-CM-RD	DYRL-UP-WM-RD
	- Running Man	DYRC-UP-R	DYRC-UP-CM-R	DYRC-UP-WM-R	DYRL-UP-R	DYRL-UP-CM-R	DYRL-UP-WM-R
	Zoneworks® HIVE	Yes			Yes		
Theatre Version Option		-			-		
Carton Quantity		1			1		
Weight - Single (Carton)		2.0kg			2.0kg		
Dimensions (L x W x H)		385mm x 67mm x 257mm	385mm x 88mm x 257mm		385mm x 67mm x 257mm	385mm x 88mm x 257mm	

* for additional variants please refer to the Clevertronics Product Guide or website.

* -NO denotes a Normally Open signal from the fire system. Normally Closed -NC also available.

POWER, LAMPS AND BATTERY	LP	L10
Power Consumption (Standby / Max)	1.5 W / 9.0 W	1.5 W / 5.0 W
Lamp(s)	100,000 Hour LEDs	100,000 Hour LEDs
Battery	Lithium Iron Phosphate	Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)	3.2V / 3200mAh	3.2V / 2500mAh
Charging Method	Intelligent Current Limited Constant Voltage	Intelligent Current Limited Constant Voltage

TECHNICAL SPECIFICATIONS	
Operating Mode	Maintained – Sequencing inward green LEDs or illuminated Red X with side flashing red LED's activated on VF/24V input trigger & capable of being activated in power-on & battery-backed mode
Voltage (V) Frequency (Hz)	220-240V (50Hz)
Construction- Body/Diffuser	PC/ABS body with PC diffuser
Viewing Distance	24m
Mounting Type	Recessed, Surface Mount Options, Single-Sided
Operating Temperature	1°C to 40°C
IP Rating (IP)	IP20

CLASSIFICATION	LP	L10
C0	E4	D5
C90	C32	C25

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)

Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m
D5	7.8	8.0	8.1	8.2	8.2	8.1	8.0	7.7	7.2
E4	6.2	6.8	6.9	7.1	7.3	7.4	7.4	0.0	0.0
C25	9.4	10.0	10.5	11.0	11.5	11.9	12.4	12.9	13.4
C32	10.0	10.7	11.3	11.8	12.3	12.8	13.4	14.0	14.5

For 1 lux and AS/NZS 2293.1:2005

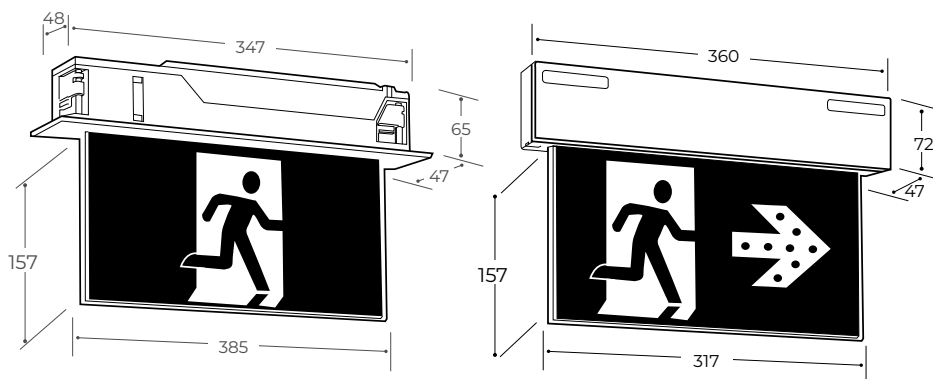
spacing tables please visit:

<https://clevertronics.com.au/spacing-tables/>

Based on minimum light level of 0.2 lux. Maximum allowed mounting height is 2.7m but for exceptions see AS/NZS 2293.1. Spacing classifications do not apply for theatre versions.

*Warranty information located at:

<https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)

Disclaimer: Clevertronics Pty Ltd is a vendor of CleverEVAC products. It is not a fire engineer or designer. It does not purport to recommend its products for use in any particular application or to achieve any particular outcome. Purchasers and users of its products must take their own steps to ensure compliance with statutory requirements, safe practice and suitable application of the products.

The product details described in this document are current as at the version date of the document. We reserve the right to change product design, specifications or materials (Specifications) as part of our continuous improvement program. Images are indicative only. Please confirm the applicable Specifications at the time of placing your order.





EMERGENCY LIGHTING

EMERGENCY LIGHTING

Nifty Lifelight Recessed	56	Lifelight PRO IP65 Recessed Downlight	76
Nifty Lifelight Surface Mount	58	Lifelight PRO Surface Mount	78
Lifelight Recessed	60	Lifelight PRO Surface Mount Cylinder	80
Lifelight Recessed IP44 Splashproof	62	Lifelight PRO Surface Mount Weatherproof	82
Lifelight Corridor Lens	64	Lifelight PRO Surface Mount WeatherProof Cylinder	84
Lifelight Surface Mount	66	Low Temperature Emergency	86
Lifelight Surface Mount Weatherproof	68	Weatherproof Twin Emergency POD	88
Lifelight Surface Mount with Warehouse Lens	70	Supalite	90
Lifelight PRO Recessed	72	Supalite Weatherproof	92
Lifelight PRO Recessed IP44 Splashproof	74	Lifelight Track Mount	94

NIFTY LIFELIGHT



Simple-to-install LED Recessed Emergency Light

The Nifty encapsulated Lifelight features a new simple-to-install design, producing a D40 Emergency Classification with low power consumption.

Utilising long-lasting Lithium Iron Phosphate battery technology, the Nifty recessed version is supplied with a 140mm adaptor plate for retrofit applications and is IC-4 rated for safe installation alongside insulation.

Applications



Office Buildings



Apartments



Schools



Retail outlets

TRADE
S E R I E S

THE TRADES CHOICE

Features and Benefits

- AS/NZS 2293.3 compliant
- D40 emergency classification
- Hassle free encapsulated unit
- 140mm adaptor plate for retrofitting
- Low power consumption
- Lithium Iron Phosphate battery
- IC-4 rated for safe recessed installation alongside insulation



NIFTY LIFELIGHT

ORDERING INFORMATION	TS
Standard - White	NIFTY
Standard - Black	NIFTY-BLK
Carton Quantity	20 Pieces
Weight - Single (Carton)	0.4kg (8.3kg)
Dimensions (Diameter x Height)	110mm x 54mm
Dimensions - Adaptor Plate (Diameter)	140mm
Dimensions - Ceiling Hole Cut-Out	90mm
Dimensions - Minimum Ceiling Depth	45mm

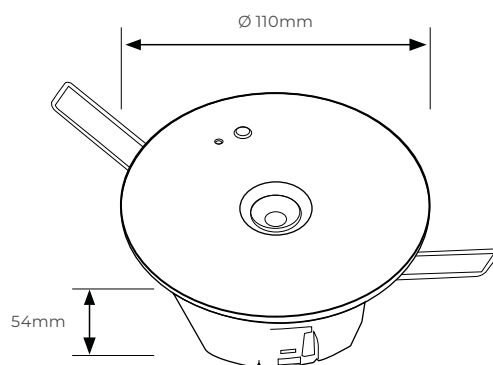
POWER, LAMPS AND BATTERY	TS
Power Consumption (Standby / Max)	0.5W / 1.6W
Lamp(s)	4 x LED
Battery	Lithium Iron Phosphate
Voltage (V) / Capacity (mAh)	3.2V / 1500mAh
Charging Method	Intelligent Current Limited Constant Voltage

TECHNICAL SPECIFICATIONS	CLASSIFICATION	TS
Operating Mode		
	C0	D40
Voltage (V) Frequency (Hz)		
	C90	D40
Operating Temperature		
Ingress Protection Rating (IP)		

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)														
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit:
<https://clevertronics.com.au/spacing-tables/>

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)

NIFTY LIFELIGHT SURFACE MOUNT



LED Surface Mount Emergency Light

The Nifty Lifelight Surface Mount is a reliable and user-friendly solution for emergency lighting needs, producing a D40 emergency classification.

Featuring long-lasting Lithium Iron Phosphate battery, low power consumption, and durable construction, it is suitable for various applications, including apartments, office buildings schools and retail outlets.

Applications



Office Buildings



Apartments



Schools



Retail outlets

Features and Benefits

- AS/NZS 2293.3 compliant
- D40 emergency classification
- Low power consumption
- Lithium Iron Phosphate battery



TRADE
S E R I E S
THE TRADES CHOICE

NIFTY LIFELIGHT SURFACE MOUNT

ORDERING INFORMATION	TS
Standard - White	NIFTY-SM
Standard - Black	NIFTY-SM-BLK
Carton Quantity	16 Pieces
Weight - Single (Carton)	0.6kg (9.5kg)
Dimensions (Diameter x Height)	140mm x 77mm

POWER, LAMPS AND BATTERY	TS
Power Consumption (Standby / Max)	0.5W / 1.6W
Lamp(s)	4 x LED
Battery	Lithium Iron Phosphate
Voltage (V) / Capacity (mAh)	3.2V / 1500mAh
Charging Method	Intelligent Current Limited Constant Voltage

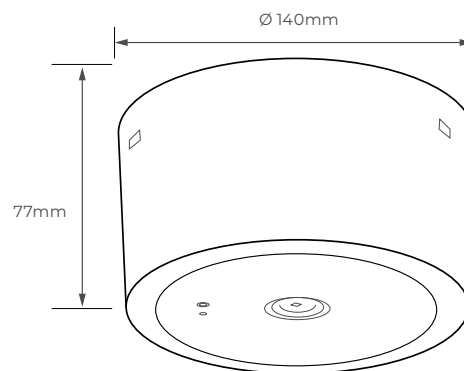
TECHNICAL SPECIFICATIONS	
Operating Mode	Non-Maintained
Voltage (V) Frequency (Hz)	220-240V (50Hz)
Operating Temperature	1°C to 40°C
Ingress Protection Rating (IP)	IP20

CLASSIFICATION	TS
C0	D40
C90	D40

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)														
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit:
<https://clevertronics.com.au/spacing-tables/>

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)



LED Recessed Emergency Light

The Lifelight provides a D40 emergency classification in a sleek architectural design. With market-leading lithium battery technology and energy efficient LEDs the Lifelight will deliver lower maintenance and energy costs.

As the first LED emergency light on the market, the Lifelight continues to lead the way in a variety of emergency lighting applications.

Applications



Office Buildings



Apartments



Schools



Retail outlets

Features and Benefits

- AS/NZS 2293.3 compliant
- D40 emergency classification
- 145mm adaptor plate for retrofitting
- Low power consumption
- Spring clips for easy installation
- Lithium Iron Phosphate or Nanophosphate® battery
- Clevertest Plus System compatible (LP & L10)
- White or black as standard with other colours available on request (LP & L10 only)



TRADE
S E R I E S
THE TRADES CHOICE

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®

LIFELIGHT

ORDERING INFORMATION		TS	LP	L10
TEST OPTIONS / PART #	Standard - White	ELIFE-X-LI	CLIFE	LLIFE
	Standard - Black	-	CLIFE-BLK	LLIFE-BLK
	Clevertest Plus System Compatible	-	Yes	Yes
	DALI	-	CLIFE-D2	LLIFE-D2
	Zoneworks® HIVE	-	CLIFE-HVG	LLIFE-HVG
Carton Quantity		10 Pieces		
Weight - Single (Carton)		0.5kg (8.2kg)	0.8kg (9.7kg)	
Dimensions (L x W x H) - Control Pack		232mm x 51mm x 42mm		
Dimensions - Head Diameter		95mm		
Dimensions - Adaptor Plate		145mm		
Ceiling Hole Cut-Out		85mm		
Minimum Ceiling Depth		120mm		

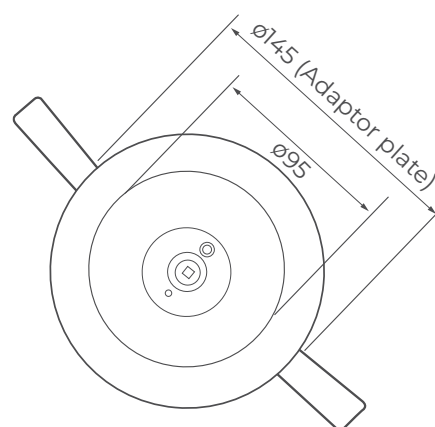
POWER, LAMPS AND BATTERY		TS	LP	L10
Power Consumption (Standby / Max)		0.3W / 1.3W	1.0W / 4.2W	1.0W / 4.2W
Lamp(s)		1 x LED		
Battery		Lithium Iron Phosphate		Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)		3.2V / 3000mAh	3.2V / 3200mAh	3.3V / 2500mAh
Charging Method		Intelligent Current Limited Constant Voltage		

TECHNICAL SPECIFICATIONS		CLASSIFICATION			
		TS	LP	L10	
Operating Mode		Non-Maintained			
Voltage (V) Frequency (Hz)		220-240V (50Hz)			
Operating Temperature		1°C to 40°C			
Ingress Protection Rating (IP)		IP20			

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)														
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit:
<https://clevertronics.com.au/spacing-tables/>

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)

LIFELIGHT IP44 SPLASHPROOF



Recessed Lifelight with Splashproof Head

The Lifelight IP44 Splashproof is a recessed emergency luminaire that is designed for use in applications where an IP44 rating is required.

Complete with Lithium batteries to ensure low maintenance requirements.

Applications



Bathrooms



Schools



Gyms



Aquatic Centres



Public Amenities



Features and Benefits

- AS/NZS 2293.3 compliant
- LED lamp
- IP44
- D40 and D50 emergency classification
- Lithium Iron Phosphate or Nanophosphate battery
- Clevertest Plus System compatible
- White or black as standard with other colours available on request



LED



IP44



Recessed



D40



Non-Maintained



D50



LFP



LNP

LIFELIGHT IP44 SPLASHPROOF

ORDERING INFORMATION		LP	L10
TEST OPTIONS / PART #	Standard - White	CLIFE-RECSP	LLIFE-RECSP
	Clevertest Plus System Compatible	Yes	
	DALI	CLIFE-RECSP-D2	LLIFE-RECSP-D2
	Zoneworks® HIVE	CLIFE-RECSP-HVG	LLIFE-RECSP-HVG
Carton Quantity		10	
Weight - Single (Carton)		0.8 (8.6kg)	
Dimensions (L x W x H)		232mm X 51mm X 42mm - Control Pack 95mm - Head Diameter	
POWER, LAMPS AND BATTERY		LP	L10
Power Consumption (Standby / Max)*		1W / 4.2W	1W / 4.2W
Lamp(s)		Single LED	Single LED
Battery		Lithium Iron Phosphate	Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)		3.2V 3200mAh	3.3V 2500mAh
Charging Method		Intelligent Current Limited Constant Voltage	

TECHNICAL SPECIFICATIONS	LP	L10	CLASSIFICATION*	LP	L10
Operating Mode	Non-Maintained		C0	D50	D40
Voltage (V) (Frequency (Hz))	240V AC; 50Hz				
Operating Temperature	1°C to 40°C		C90	D50	D40
Ingress Protection Rating (IP) (Parts Below Ceiling)	IP44				
Ingress Protection Rating (IP) (Parts Above Ceiling)	IP20				

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)

Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0
D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8

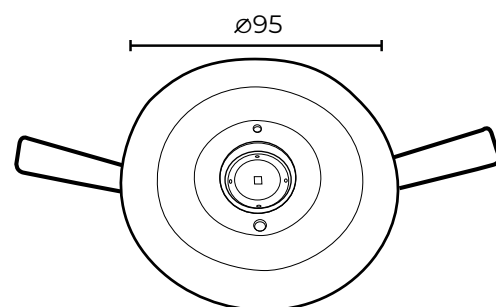
ⓘ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

Note: Spacing for mounting heights higher than 7.0m will depend on number of fittings used as the average of 0.5lx will change. For specific requirements, different corridor widths and 1lx spacing tables please contact Clevertronics (info@clevertronics.com.au).

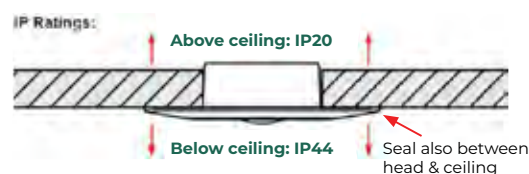
To determine actual spacings refer to section, 4.6.1.3 Illuminance calculations, of AS/NZS2293.1:2018.

*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>



Ceiling hole cut-out = 80mm

Dimensions (mm)



LIFELIGHT CORRIDOR LENS



Corridor Optimised LED Emergency Light

The Lifelight Emergency Light with Corridor Lens is optimised for corridor escape routes to significantly reduce the number of emergency lights required.

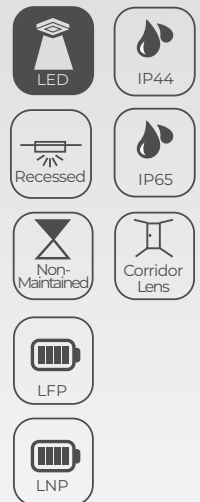
With market leading lithium battery technology and energy efficient LEDs the Lifelight delivers lower maintenance and energy costs.

Applications

- | | |
|---|---|
|  Apartments |  Hotels |
|  Hospitals |  Back of House Service Corridors |
|  Schools | |

Features and Benefits

- AS/NZS 2293.3 compliant
- Optimised lens for corridor escape routes
- Low 0.4W power consumption
- Lithium Iron Phosphate or Nanophosphate battery
- Clevertest Plus System compatible
- Available in white or black



LIFELIGHT CORRIDOR LENS

ORDERING INFORMATION		LP	LP SURFACE MOUNT	L10	L10 SURFACE MOUNT
TEST OPTIONS / PART #	Standard - White	CLIFE-RECSP-CL	CLIFE-SM-WP-CL	LLIFE-RECSP-CL	LLIFE-SM-WP-CL
	Standard - Black	CLIFE-RECSP-CL-BLK	CLIFE-SM-WP-CL-BLK	LLIFE-RECSP-CL-BLK	LLIFE-SM-WP-CL-BLK
	Clevertest Plus System Compatible	Yes			
	DALI	CLIFE-RECSP-CL-D2	CLIFE-SM-WP-CL-D2	LLIFE-RECSP-CL-D2	LLIFE-SM-WP-CL-D2
	Zoneworks® HIVE	CLIFE-RECSP-CL-HVG	CLIFE-SM-WP-CL-HVG	LLIFE-RECSP-CL-HVG	LLIFE-SM-WP-CL-HVG
Carton Quantity		10	10	10	10
Weight - single (carton)		0.8kg (8.6kg)	0.9kg (9.6kg)	0.8kg (8.6kg)	0.9kg (9.6kg)
Dimensions (L X W X H)		95mm Diameter	247mm x 129mm x 51mm	95mm Diameter	247mm x 129mm x 51mm
Dimensions - Control Pack (L X W X H)		232mm x 51mm x 42mm	-	232mm x 51mm x 42mm	-

POWER, LAMPS AND BATTERY	LP	LP SURFACE MOUNT	L10	L10 SURFACE MOUNT
	Power Consumption (Standby / Max)		1W / 4.2W	
	Lamp(s)		Single LED	
	Battery		Lithium Iron Phosphate	
	Voltage (V) / Capacity (mAh)		3.2V / 3200mAh	
	Charging Method		Intelligent Current Limited Constant Voltage	

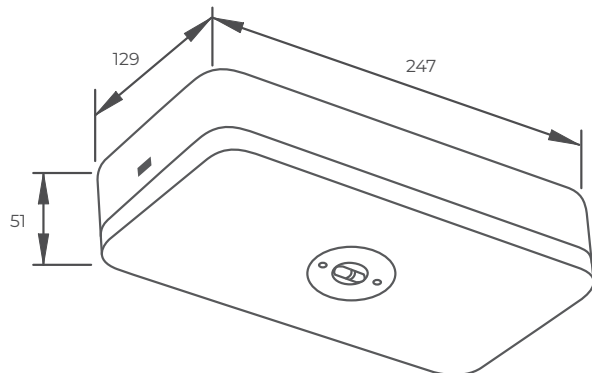
TECHNICAL SPECIFICATIONS		LP	LP SURFACE MOUNT	L10	L10 SURFACE MOUNT
Operating Mode		Non-Maintained			
Voltage (V) (Frequency (Hz))		240V AC (50HZ)			
Operating Temperature		1°C to 40°C	0°C to 40°C	1°C to 40°C	0°C to 40°C
Ingress Protection Rating (IP)		IP44	IP65	IP44	IP65
"Ingress Protection Rating (IP) (Parts above Ceiling)"		IP20	-	IP20	-

MANUFACTURER RECOMMENDED SPACING TABLE (Minimum Light Level of 0.2 Lux) For up to 2.5m corridor aisle width at various mounting heights to comply with 0.2lx min / 0.5lx avg AS/NZS 2293.1 requirements										
Mounting Height (m)	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m
NUMBER OF FITTINGS										
Single Fitting - Max Aisle Length (m)	23.4	25.4	28.4	30.0	32.4	34.2	36.8	39.4	44.0	19.2
Two Fittings - Max Aisle Length (m)	54.8	59.4	64.8	68.7	73.2	77.8	83.6	89.2	99.3	69.2
SPACINGS										
Fitting to Wall (m)		11.7	12.7	14.2	15.0	16.2	17.1	18.4	19.7	22.0
Fitting to Fitting (m)		31.4	34.0	36.4	38.7	40.8	43.6	46.8	49.8	50.0

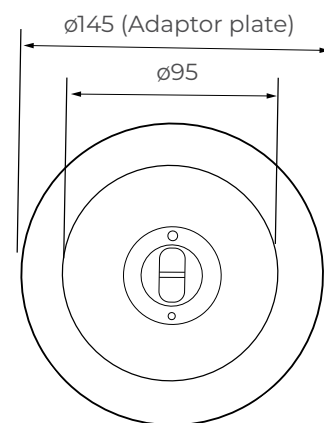
Manufacturer's recommended spacing tables are a guide only and use of these product must be supported with illuminance calculations by the "designer" for the specific building/application in accordance with AS/NZS2293.1.

Please contact Clevertronics for spacing tables on alternative aisle widths or design support if required. IES files available on request.

*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)



The product details described in this document are current as at the version date of the document. We reserve the right to change product design, specifications or materials (Specifications) as part of our continuous improvement program. Images are indicative only. Please confirm the applicable Specifications at the time of placing your order.

LIFELIGHT SURFACE MOUNT



LED Surface Mount Emergency Light

The Lifelight Surface Mount provides a D40 emergency classification in a small and sleek polycarbonate housing that is easy to install.

With market-leading lithium battery technology and energy efficient LEDs, the Lifelight Surface Mount delivers low maintenance and energy costs.



Applications

-  Office Buildings
-  Apartments
-  Schools
-  Retail outlets

Features and Benefits

- AS/NZS 2293.3 compliant
- D40 emergency classification
- Low power consumption
- Lithium Iron Phosphate or Nanophosphate® battery
- Clevertest Plus System compatible (LP & L10)
- White or black as standard with other colours available on request (LP & L10 only)



TRADE
S E R I E S
THE TRADES CHOICE

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®

LIFELIGHT SURFACE MOUNT

ORDERING INFORMATION		TS	LP	L10
TEST OPTIONS / PART#	Standard - White	ELIFE-X-LI-SM	CLIFE-SM	LLIFE-SM
	Standard - Black	-	CLIFE-SM-BLK	LLIFE-SM-BLK
	Clevertest Plus System Compatible	No	Yes	
	DALI	-	CLIFE-SM-D2	LLIFE-SM-D2
	Zoneworks® HIVE	-	CLIFE-SM-HVG	LLIFE-SM-HVG
Carton Quantity		10 Pieces		
Weight - Single (carton)		0.6kg (7.8kg)		
Dimensions (L x W x H)		242mm x 125mm x 48mm		

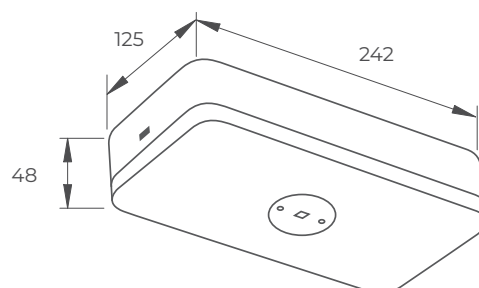
POWER, LAMPS AND BATTERY		TS	LP	L10
Power Consumption (Standby / Max)		0.4W / 1.3W	1.0W / 4.2W	1.0W / 4.2W
Lamp(s)		1 x LED		
Battery		Lithium Iron Phosphate		Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)		3.2V / 3000mAh	3.2V / 3200mAh	3.3V / 2500mAh
Charging Method		Intelligent Current Limited Constant Voltage		

TECHNICAL SPECIFICATIONS		CLASSIFICATION	TS	LP	L10
Operating Mode			D40	D40	D40
Voltage (V) Frequency (Hz)			D40	D40	D40
Operating Temperature			D40	D40	D40
IP Rating (IP)			D40	D40	D40

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)													
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit:
<https://clevertronics.com.au/spacing-tables/>

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)

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LIFELIGHT SURFACE MOUNT WEATHERPROOF



Weatherproof LED Emergency Luminaire

The Lifelight Surface Mount Weatherproof emergency luminaire is designed for use in applications where an IP65 rating is required.

The slimline high impact IK08 polycarbonate enclosure makes installation easy and provides robustness in open areas.

Applications



Office Buildings



Apartments



Schools



Aquatic Centers



Car Parks

TRADE
S E R I E S
THE TRADES CHOICE

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM
NANOPHOSPHATE
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE

Features and Benefits

- AS/NZS 2293.3 compliant
- Low power consumption
- D40 or D50 emergency classification
- IP65 and IK08
- Lithium Iron Phosphate or Nanophosphate battery
- Corridor lens version available
- Clevertest Plus System compatible (LP & L10)
- Available in white or black



LED



IP65



Surface
Mount



D40



Non-
Maintained



D50



LFP



IK08



LNP

LIFELIGHT SURFACE MOUNT WEATHERPROOF

ORDERING INFORMATION		TS	LP	L10
Type		Integral	Integral	Integral
TEST OPTIONS / PART #	Standard - White	ELIFE-X-LI-SM-WP	CLIFE-SM-WP	LLIFE-SM-WP
	Clevertest Plus System Compatible	Yes		
	DALI	-	CLIFE-SM-WP-D2	LLIFE-SM-WP-D2
	Zoneworks® HIVE	-	CLIFE-SM-WP-HVG	LLIFE-SM-WP-HVG
Carton Quantity		10 Pieces		
Weight - Single (Carton)		0.8kg	0.9kg (9.6kg)	0.9kg (9.6kg)
Dimensions (L x W x H)		247mm x 129mm x 51mm	247mm x 129mm x 51mm	247mm x 129mm x 51mm

POWER, LAMPS AND BATTERY		TS	LP	L10
Power Consumption (Standby / Max)*		0.4W / 1.3W	1W / 4.2W	1W / 4.2W
Lamp(s)		LED		
Battery		Lithium Iron Phosphate	Lithium Iron Phosphate	Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)		3.2V / 3200mAh	3.2V / 3200mAh	3.3V / 2500mAh
Charging Method		Intelligent Current Limited Constant Voltage		

TECHNICAL SPECIFICATIONS		CLASSIFICATION*		
Operating Mode	Non-Maintained			
Voltage (V) (Frequency (Hz))	240V (50HZ)			
Operating Temperature	0°C to 40°C			
Ingress Protection Rating (IP)	IP65			
Impact Rating (IK)	IK08			
		C0	D50	D50
		C90	D50	D50

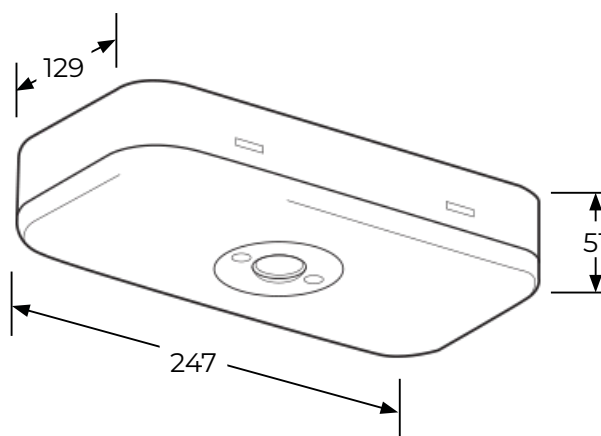
* Excludes corridor lens

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX) - EXCLUDES CORRIDOR LENS														
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0
D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8

n Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)

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LIFELIGHT SURFACE MOUNT WAREHOUSE LENS



Warehouse Optimised LED Emergency Light

The Lifelight Surface Mount Emergency Light with Warehouse Lens is optimised for longer warehouse racking aisles to significantly reduce the number of emergency lights required.

With market leading lithium battery technology and energy efficient LED the Lifelight delivers lower maintenance and energy costs.

Applications



Warehouse Aisles

TRADE
S E R I E S
THE TRADES CHOICE

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM
NANOPHOSPHATE[®]
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE[®]

Features and Benefits

- AS/NZS 2293.3 compliant
- Optimised lens for longer warehouse racking aisle applications
- Low 0.4W power consumption
- Lithium Iron Phosphate or Nanophosphate battery
- Clevertest Plus System compatible (LP & L10)
- Available in white or black (LP & L10 only)



LIFELIGHT SURFACE MOUNT WAREHOUSE LENS

ORDERING INFORMATION		TS	LP	LP WEATHERPROOF	L10	L10 WEATHERPROOF
TEST OPTIONS / PART #	Standard - White	ELIFE-SM-WL	CLIFE-PRO-SM-WL	CLIFE-PRO-SM-WP-WL	LLIFE-PRO-SM-WL	LLIFE-PRO-SM-WP-WL
	Standard - Black	-	CLIFE-PRO-SM-WL-BLK	CLIFE-PRO-SM-WP-WL-BLK	LLIFE-PRO-SM-WL-BLK	LLIFE-PRO-SM-WP-WL-BLK
	Clevertest Plus System Compatible	No	Yes			
	DALI	-	CLIFE-PRO-SM-WL-D2	CLIFE-PRO-SM-WP-WL-D2	LLIFE-PRO-SM-WL-D2	LLIFE-PRO-SM-WP-WL-D2
	Zoneworks® HIVE	-	CLIFE-PRO-SM-WL-HVG	CLIFE-PRO-SM-WP-WL-HVG	LLIFE-PRO-SM-WL-HVG	LLIFE-PRO-SM-WP-WL-HVG
Carton Quantity		10 Pieces				
Weight - Single (carton)		0.8 kg (9.5kg)				
Dimensions (L x W x H)		242mm x 125mm x 48mm				

POWER, LAMPS AND BATTERY	TS	LP	LP WEATHERPROOF	L10	L10 WEATHERPROOF
Power Consumption (Standby / Max)	0.4W/1.3W	0.4W / 2.7W			
Lamp(s)	High Voltage Single LED				
Battery	Lithium Iron Phosphate			Lithium Nanophosphate®	
Voltage (V) / Capacity (mAh)	3.2V / 3000mAh	3.2V / 6400mAh		3.3V / 5000mAh	
Charging Method	Intelligent Current Limited Constant Voltage				

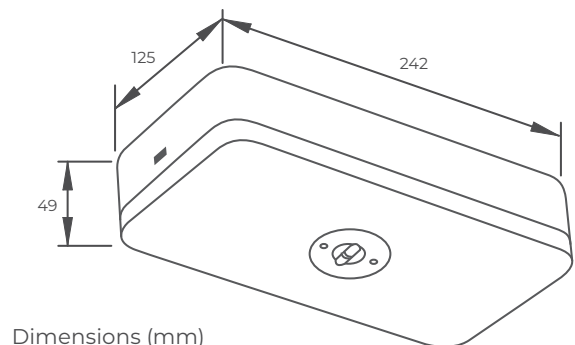
TECHNICAL SPECIFICATIONS		TS	LP	LP WEATHERPROOF	L10	L10 WEATHERPROOF
Operating Mode		Non-Maintained				
Voltage (V) (Frequency (Hz))		240V AC (50HZ)				
Operating Temperature		1°C to 40°C	1°C to 40°C	0°C to 40°C	1°C to 40°C	0°C to 40°C
Ingress Protection Rating (IP)		IP20	IP20	IP65	IP20	IP65

MANUFACTURER RECOMMENDED SPACING TABLE (Minimum Light Level of 0.2 Lux)
For up to 3.6m racking aisle width at various mounting heights to comply with 1.0lx min AS/NZS 2293.1 requirements

Mounting Height (m)	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m	11.0m	12.0m	13.0m	14.0m	15.0m
NUMBER OF FITTINGS																		
 Single Fitting - Max Aisle Length (m)	17.5	19.5	21.4	23.5	24.4	26.5	29.5	32.5	36.4	37.5	40.4	44.4	47.6	n/a	n/a	n/a	n/a	n/a
 Two Fittings - Max Aisle Length (m)	37.7	41.8	46.2	50.0	56.9	62.5	69.2	75.5	85.8	92.4	98.9	106.4	110.6	n/a	n/a	n/a	n/a	n/a
  Single Fitting - Max Aisle Length (m)	23.0	25.5	27.5	29.5	31.5	34.1	37.1	40.1	46.1	51.1	56.0	60.2	63.5	54.5	28.4	n/a	n/a	n/a
  Two Fittings - Max Aisle Length (m)	52.0	57.1	61.5	65.8	70.1	75.6	82.1	88.5	101.0	112.0	122.7	132.2	138.8	112.9	74.0	105.5	97.2	n/a
SPACINGS																		
 Fitting to Wall (m)		8.7	9.7	10.7	11.7	12.2	13.2	14.7	16.2	18.2	18.7	20.2	22.2	23.8	n/a	n/a	n/a	n/a
 Fitting to Fitting (m)		20.2	22.3	24.7	26.5	32.4	36.0	39.7	43.0	49.3	54.9	58.5	62.0	63.0	n/a	n/a	n/a	n/a
  Fitting to Wall (m)		11.4	12.7	13.7	14.7	15.7	17.0	18.5	20.0	23.0	25.5	28.0	30.1	31.7	27.2	14.2	35.8	39.3
  Fitting to Fitting (m)		29.2	31.7	34.1	36.4	38.7	41.6	45.1	48.5	55.0	61.0	66.7	72.0	75.4	58.5	45.6	33.9	18.6

Manufacturer's recommended spacing tables are a guide only and use of these product must be supported with illuminance calculations by the "designer" for the specific building/application in accordance with AS/NZS2293.1.

Please contact Clevertronics for spacing tables on alternative aisle widths or design support if required. IES files available on request.
*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>



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LIFELIGHT PRO RECESSED



Premium LED Emergency Light

The Lifelight Pro is an energy efficient, lithium powered LED emergency light in a small and sleek architectural design. The D80 classification of the Lifelight Pro provides an amazing 60% increase in emergency lighting coverage compared to many existing emergency lights on the market.

Suitable in a variety of applications the Lifelight Pro will provide outstanding performance and will reduce installation and maintenance costs.

Applications



Office Buildings



Showrooms



Galleries



Retail outlets



Apartments



Theatres



Features and Benefits

- AS/NZS 2293.3 compliant
- D80 emergency classification
- 95mm adaptor plate for retrofitting
- Low 0.4W power consumption
- Spring clips for easy installation
- Lithium Iron Phosphate or Nanophosphate® battery
- Clevertest Plus System compatible
- White or black (other colours on request)
- Round or square head



LIFELIGHT PRO RECESSED

ORDERING INFORMATION		LP		L10	
TEST OPTIONS / PART #		①	②	①	②
	Standard - White	CLIFE-PRO	CLIFE-PRO-SQ	LLIFE-PRO	LLIFE-PRO-SQ
	Standard - Black	CLIFE-PRO-BLK	CLIFE-PRO-SQ-BLK	LLIFE-PRO-BLK	LLIFE-PRO-SQ-BLK
	Clevertest Plus System Compatible	Yes			
	DALI	CLIFE-PRO-D2	CLIFE-PRO-SQ-D2	LLIFE-PRO-D2	LLIFE-PRO-SQ-D2
	Zoneworks® HIVE	CLIFE-PRO-HVG	CLIFE-PRO-SQ-HVG	LLIFE-PRO-HVG	LLIFE-PRO-SQ-HVG
Carton Quantity	10 Pieces				
Weight - Single (Carton)	0.8kg (9.7kg)				
Dimensions (L x W x H) - Control Pack	232mm x 40mm x 40mm				
Dimensions - Head Diameter	60mm				
Dimensions - Adaptor Plate	95mm	-	95mm	-	
Ceiling Hole Cut-Out	51mm				
Minimum Ceiling Depth	200mm				

POWER, LAMPS AND BATTERY	LP	L10
Power Consumption (Standby / Max)	0.4W / 2.7W	
Lamp(s)	2 x LED	
Battery	Lithium Iron Phosphate	Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)	3.2V / 6400mAh	3.3V / 5000mAh
Charging Method	Intelligent Current Limited Constant Voltage	

TECHNICAL SPECIFICATIONS		CLASSIFICATION	LP	L10
Operating Mode	Non-Maintained	C0	D80	D80
Voltage (V) Frequency (Hz)	220-240V (50Hz)	C90	D80	D80
Operating Temperature	1°C to 40°C			
IP Rating (IP)	IP20			

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)														
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m
D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9	31.5	32.1

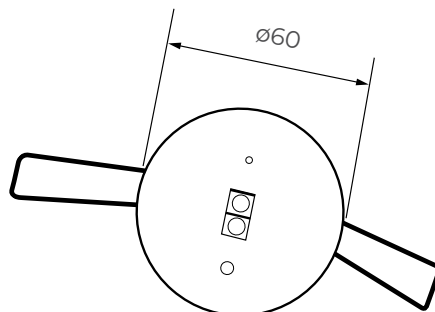
❗ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit:
<https://clevertronics.com.au/spacing-tables/>

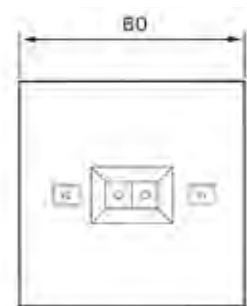
*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>

Product Configuration:

- ① Round head
- ② Square head



Dimensions (mm)



Ceiling hole cut-out = 51mm

LIFELIGHT PRO IP44 SPLASHPROOF



Recessed Lifelight Pro with Splashproof Head

The Lifelight Pro IP44 Splashproof is an energy efficient, Lithium powered LED emergency light for use in applications where an IP44 rating is required.

Featuring a sleek design and D80 emergency classification, the Lifelight Pro IP44 Splashproof will provide outstanding performance and reduce installation and maintenance costs.

Applications



Bathrooms



Aquatic Centres



Schools



Public Amenities



Gyms



Features and Benefits

- AS/NZS 2293.3 compliant
- LED lamp
- IP44 splashproof
- D80 emergency classification
- Low 0.4W power consumption
- Lithium Iron Phosphate or Nanophosphate battery
- Clevertest Plus System compatible



LIFELIGHT PRO IP44 SPLASHPROOF

ORDERING INFORMATION		LP	L10
TEST OPTIONS / PART #	Standard - White	CLIFE-PRO-RECSP	LLIFE-PRO-RECSP
	Clevertest Plus System Compatible	Yes	
	DALI	CLIFE-PRO-RECSP-D2	LLIFE-PRO-RECSP-D2
	Zoneworks® HIVE	CLIFE-PRO-RECSP-HVG	LLIFE-PRO-RECSP-HVG
Carton Quantity		1	
Weight - Single (Carton)		0.8kg	
Dimensions (L x W x H)		232mm x 51mm x 42mm (Control Pack) 60mm (Head Diameter)*	
POWER, LAMPS AND BATTERY		LP	L10
Power Consumption (Standby / Max)*		0.4W / 2.7W	0.4W / 2.7W
Lamp(s)		Dual LED	Dual LED
Battery		Lithium Iron Phosphate	Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)		3.2V / 6400mAh	3.3V / 5000mAh
Charging Method		Intelligent Current Limited Constant Voltage	

TECHNICAL SPECIFICATIONS	
Operating Mode	Non-Maintained
Voltage (V) (Frequency (Hz))	240V AC; 50Hz
Operating Temperature	1°C to 40°C
Ingress Protection Rating (IP) (Parts Below Ceiling)	IP44
Ingress Protection Rating (IP) (Parts Above Ceiling)	IP20

CLASSIFICATION*	LP	L10
C0	D80	D80
C90	D80	D80

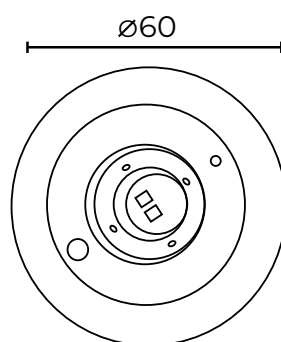
SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)

Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m
D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9	31.5	32.1

† Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

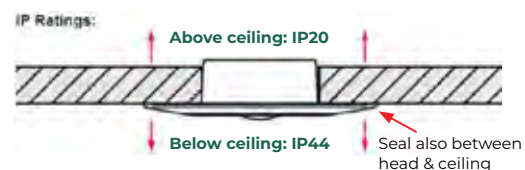
For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>



Ceiling hole cut-out = 51mm
Dimensions (mm)

Due to the small head and ceiling cut-out, access from behind/above the ceiling is required for installation.



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LIFELIGHT PRO IP65 RECESSED DOWNLIGHT



Premium LED Emergency Light

The Lifelight Pro Recessed Weatherproof Emergency Luminaire is designed for areas requiring a high degree of protection against damage, dust and moisture.

Housed in an IP65 / IK10 aluminium housing with decorative bezel ring, this recessed emergency luminaire suits exterior and internal applications requiring increased physical protection.

Options include custom colours and remote mounted gear away from the downlight.

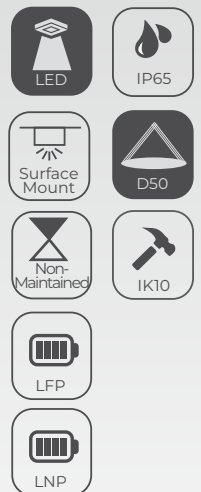
Applications

- | | |
|---|---|
|  Aquatic Centers |  Correctional Facilities |
|  Transit Hubs |  Secure Health Care |
|  Public Amenities |  External Eaves |



Features and Benefits

- AS/NZS 2293.3 compliant
- D50 emergency classification
- IP65 / IK10
- Low 0.4W power consumption
- Lithium Iron Phosphate or Nanophosphate® battery
- Clevertest Plus System compatible
- White or black (other colours on request)



LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®

LIFELIGHT PRO IP65 RECESSED DOWNLIGHT

ORDERING INFORMATION		LP	L10
TEST OPTIONS / PART #	Standard - White*	CLIFE-PRO-RECWP-WHT	LLIFE-PRO-RECWP-WHT
	Standard - Black*	CLIFE-PRO-RECWP-BLK	LLIFE-PRO-RECWP-BLK
	Clevertest Plus System Compatible	Yes	
	DALI	CLIFE-PRO-RECWP-D2	LLIFE-PRO-RECWP-D2
	Zoneworks® HIVE	CLIFE-PRO-RECWP-HVG	LLIFE-PRO-RECWP-HVG
IP66 Remote Gear Option		CLIFE-PRO-RECWP-IPREM	LLIFE-PRO-RECWP-IPREM
Carton Quantity		1 Piece	
Weight - Single		1.2kg	
Dimensions (L x W x H) - IP20 Control Kit		232mm x 40mm x 40mm	
Dimensions (L x W x H) - IP66 Remote Pack		200mm x 150mm x 100mm	
Dimensions - Head Diameter		120mm	
Ceiling Hole Cut Out		106mm	
Minimum Ceiling Depth		150mm	

*Supplied with IP20 Emergency control pack battery located in ceiling void beside downlight

POWER, LAMPS AND BATTERY	LP	L10
Power Consumption (Standby / Max)	0.4W / 2.7W	
Lamp(s)	2 x LED	
Battery	Lithium Iron Phosphate	Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)	3.2V / 6400mAh	3.3V / 5000mAh
Charging Method	Intelligent Current Limited Constant Voltage	

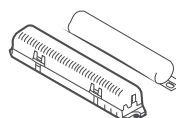
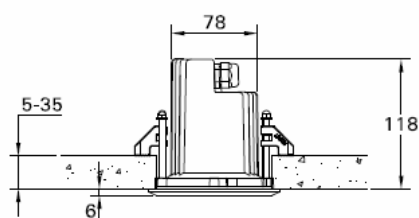
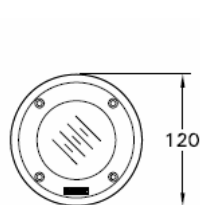
TECHNICAL SPECIFICATIONS		CLASSIFICATION	LP	L10
Operating Mode	Non-Maintained	C0	D50	D50
Voltage (V) Frequency (Hz)	220-240V (50Hz)	C90	D50	D50
Operating Temperature	1°C to 40°C			
IP Rating (IP)	Downlight IP65 / Control gear IP20 (IP66 Option)			

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)														
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m
D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8

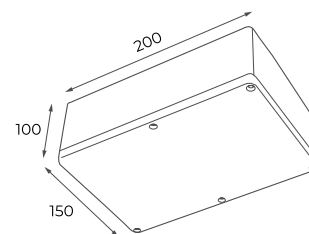
ⓘ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>



IP20 Control Kit
Emergency Kit
235mm x 42mm x 42mm
Battery
35mm Dia x 170mm



IP66 REMOTE CONTROL GEAR

Dimensions (mm)

LIFELIGHT PRO SURFACE MOUNT



Premium LED Emergency Light

The Lifelight Pro Surface Mount provides a D80 emergency classification in a small and sleek polycarbonate housing that is easy to install.

With market-leading lithium battery technology and energy efficient LEDs, the Lifelight Pro Surface Mount delivers lower maintenance and energy costs.



Applications



Office Buildings



Showrooms



Galleries



Retail Outlets



Apartments



Theatres

Features and Benefits

- AS/NZS 2293.3 compliant
- D80 emergency classification
- Low 0.4W power consumption
- Lithium Iron Phosphate or Nanophosphate® battery
- Clevertest Plus System compatible
- White or Black as standard with other colours on request



LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®

LIFELIGHT PRO SURFACE MOUNT

ORDERING INFORMATION		LP	L10
TEST OPTIONS / PART #	Standard - White	CLIFE-PRO-SM	LLIFE-PRO-SM
	Standard - Black	CLIFE-PRO-SM-BLK	LLIFE-PRO-SM-BLK
	Clevertest Plus System Compatible	Yes	
	DALI	CLIFE-PRO-SM-D2	LLIFE-PRO-SM-D2
	Zoneworks® HIVE	CLIFE-PRO-SM-HVG	LLIFE-PRO-SM-HVG
Carton Quantity		10 Pieces	10 Pieces
Weight - Single (carton)		0.7 kg (8.3kg)	
Dimensions (L x W x H)		242mm x 125mm x 48mm	

POWER, LAMPS AND BATTERY	LP	L10
Power Consumption (Standby / Max)	0.4W / 2.7W	
Lamp(s)	2 x LED	
Battery	Lithium Iron Phosphate	Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)	3.2V / 6400mAh	3.3V / 5000mAh
Charging Method	Intelligent Current Limited Constant Voltage	

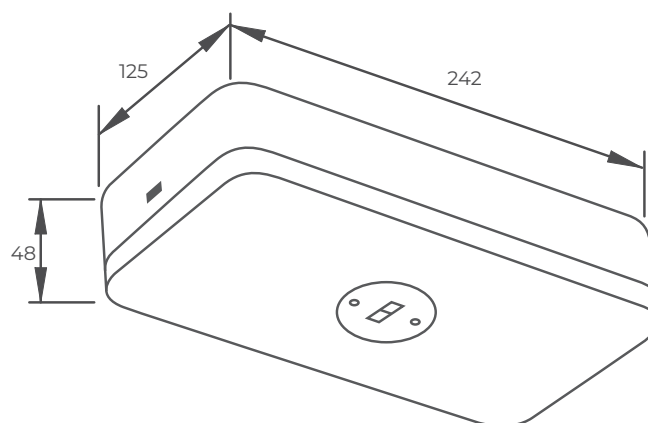
TECHNICAL SPECIFICATIONS		CLASSIFICATION	LP	L10
Operating Mode	Non-Maintained	C0	D80	D80
Voltage (V) Frequency (Hz)	220-240V (50Hz)	C90	D80	D80
Operating Temperature	1°C to 40°C			
IP Rating (IP)	IP20			

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)														
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m
D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9	31.5	32.1

ⓘ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit:
<https://clevertronics.com.au/spacing-tables/>

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)

LIFELIGHT PRO CYLINDER SURFACE MOUNT



Premium LED Emergency Light

The Lifelight Pro Cylinder is an energy efficient, lithium powered LED emergency light in a small and sleek architectural design. The D80 classification of the Lifelight Pro provides an amazing 60% increase in emergency lighting coverage compared to many existing emergency lights on the market.

Suitable in a variety of applications the Lifelight Pro Cylinder will provide outstanding performance and too many will reduce installation and maintenance costs.

Applications



Office Buildings



Showrooms



Galleries



Retail Outlets



Apartments



Theatres



Features and Benefits

- AS/NZS 2293.3 compliant
- D80 emergency classification
- Low 0.4W power consumption
- Lithium Iron Phosphate or Nanophosphate® battery
- Clevertest Plus System compatible
- White or black
(other colours on request)



LIFELIGHT PRO CYLINDER SURFACE MOUNT

ORDERING INFORMATION		LP	L10
TEST OPTIONS / PART #	Standard - White	CLIFE-PRO-SMC	LLIFE-PRO-SMC
	Standard - Black	CLIFE-PRO-SMC-BLK	LLIFE-PRO-SMC-BLK
	Clevertest Plus System Compatible	Yes	
	DALI	CLIFE-PRO-SMC-D2	LLIFE-PRO-SMC-D2
	Zoneworks® HIVE	CLIFE-PRO-SMC-HVG	LLIFE-PRO-SMC-HVG
Carton Quantity		1 Piece	1 Piece
Weight - Single		1.9kg	1.9kg
Dimensions (L x W x H)		128mm (D) x 245mm	128mm (D) x 245mm

POWER, LAMPS AND BATTERY		LP	L10
Power Consumption (Standby / Max)		0.4W / 2.7W	
Lamp(s)		2 x LED	
Battery		Lithium Iron Phosphate	Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)		3.2V / 6400mAh	3.3V / 5000mAh
Charging Method		Intelligent Current Limited Constant Voltage	

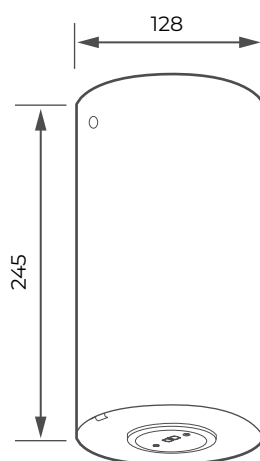
TECHNICAL SPECIFICATIONS		CLASSIFICATION		LP	L10
Operating Mode		Non-Maintained			
Voltage (V) Frequency (Hz)		220-240V (50Hz)			
Operating Temperature		1°C to 40°C			
IP Rating (IP)		IP20			
		C0		D80	D80
		C90		D80	D80

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)													
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	10.0m
D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9	31.5

† Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)

LIFELIGHT PRO SURFACE MOUNT WEATHERPROOF



High Performance Weatherproof LED Emergency Luminaire

The Lifelight Pro Surface Mount Weatherproof emergency luminaire has a D80 classification and is designed for use in applications where an IP65 rating is required.

The slimline high impact IK08 polycarbonate enclosure makes installation easy and provides robustness in open areas.

Applications

-  Apartments
-  Aquatic Centers
-  Schools
-  Public Buildings
-  Car Parks



Features and Benefits

- AS/NZS 2293.3 compliant
- D80 emergency classification
- IP65 and IK08
- Low 0.4W power consumption
- Lithium Iron Phosphate or Nanophosphate battery
- Warehouse lens version available
- Clevertest Plus System compatible
- Available in white or black



LIFELIGHT PRO SURFACE MOUNT WEATHERPROOF

ORDERING INFORMATION		LP	L10
Type		Integral Battery	Integral Battery
TEST OPTIONS / PART #	Standard - White	CLIFE-PRO-SM-WP	LLIFE-PRO-SM-WP
	Clevertest Plus System Compatible	Yes	
	DALI	CLIFE-PRO-SM-WP-D2	LLIFE-PRO-SM-WP-D2
	Zoneworks® HIVE	CLIFE-PRO-SM-WP-HVG	LLIFE-PRO-SM-WP-HVG
Carton Quantity		10 Pieces	
Weight - Single (Carton)		0.8kg (8.9 kg)	
Dimensions (L x W x H)		247mm x 129mm x 51mm	247mm x 129mm x 51mm

POWER, LAMPS AND BATTERY		LP	L10
Power Consumption (Standby / Max)*		0.4W / 2.7W	0.4W / 2.7W
Lamp(s)		Dual LED	
Battery		Lithium Iron Phosphate	Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)		3.2V / 6400mAh	3.3V / 5000mAh
Charging Method		Intelligent Current Limited Constant Voltage	

TECHNICAL SPECIFICATIONS	
Operating Mode	Non-Maintained
Voltage (V) (Frequency (Hz))	240V AC (50HZ)
Operating Temperature	0 °C to 40 °C
Ingress Protection Rating (IP)	IP65

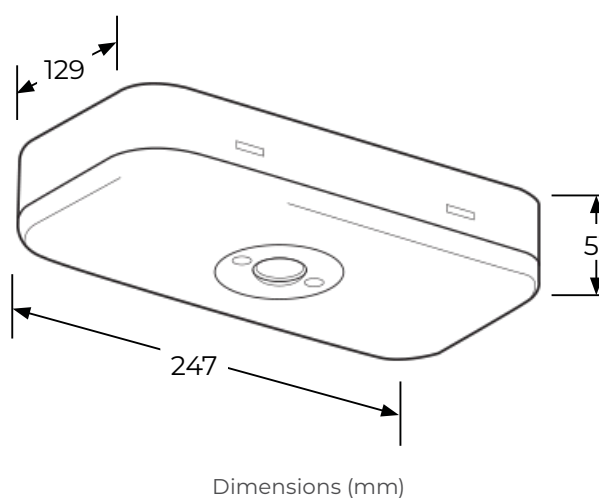
CLASSIFICATION	LP	L10
C0	D80	D80
C90	D80	D80

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)														
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m
D80	11.5	13.2	14.8	16.5	18.1	19.8	22	24.7	27.5	28.9	30	30.9	31.5	32.1

■ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>



LIFELIGHT PRO WEATHERPROOF CYLINDER



Premium Weatherproof LED Emergency Light

The Lifelight Pro Weatherproof Cylinder is an energy efficient, lithium powered LED emergency light in a small and sleek architectural design.

Suitable in a variety of applications the Lifelight Pro Weatherproof Cylinder will provide outstanding performance and too many will reduce installation and maintenance costs.

Applications



Office Buildings



Showrooms



Galleries



Retail Outlets



Apartments



Theatres

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®

Features and Benefits

- AS/NZS 2293.3 compliant
- D50 emergency classification
- Low 0.4W power consumption
- Lithium Nanophosphate® battery
- Clevertest Plus System compatible
- White or black
(other colours on request)



LIFELIGHT PRO WEATHERPROOF CYLINDER

ORDERING INFORMATION		L10 CEILING MOUNT	L10 WALL MOUNT
TEST OPTIONS / PART #	Standard - White	LWPLIFE-PRO-CM	LWPLIFE-PRO-WM
	Standard - Black	LWPLIFE-PRO-CM-BLK	LWPLIFE-PRO-WM-BLK
	Clevertest Plus System Compatible	Yes	
	DALI	LWPLIFE-PRO-D2-CM	LWPLIFE-PRO-D2-WM
	Zoneworks® HIVE	LWPLIFE-PRO-HVG-CM	LWPLIFE-PRO-HVG-WM
Carton Quantity		1 Piece	
Weight - Single		3.8kg	
Dimensions (L x W x H)		186mm x 186mm x 294mm	

POWER, LAMPS AND BATTERY		L10
Power Consumption (Standby / Max)		0.4W / 2.7W
Lamp(s)		2 x LED
Battery		Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)		3.3V / 5000mAh
Charging Method		Intelligent Current Limited Constant Voltage

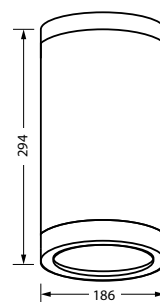
TECHNICAL SPECIFICATIONS		CLASSIFICATION	
Operating Mode		C0	D50
Voltage (V) Frequency (Hz)		C90	D50
Operating Temperature			
IP Rating (IP)			
Impact Rating (IK)			

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)														
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m
D50	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9	31.5	32.1

Caution should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit:
<https://clevertronics.com.au/spacing-tables/>

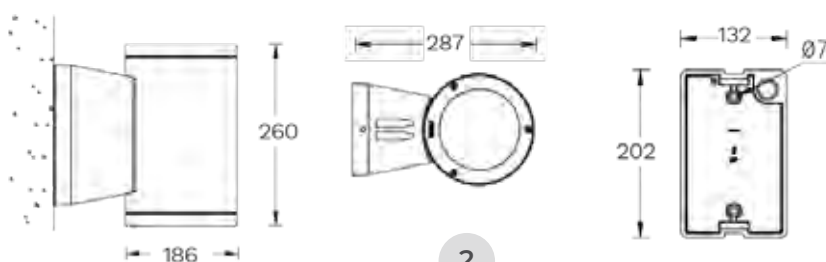
*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



1

Product Configuration:

- 1 Ceiling Mounted
- 2 Wall Mounted



2

Dimensions (mm)

The product details described in this document are current as at the version date of the document. We reserve the right to change product design, specifications or materials (Specifications) as part of our continuous improvement program. Images are indicative only. Please confirm the applicable Specifications at the time of placing your order.

LOW TEMPERATURE EMERGENCY



Emergency Lighting for Low Temperature Applications

The Low Temperature Emergency lighting range is designed for cool room and freezer applications where the temperature can drop to -40°C .

The range comprises of an integrated option that is rated for -25°C and a remote control gear option that will handle -40°C .

Both options are constructed with polycarbonate enclosures and are rated IP66/67.

Applications



Cool Rooms



Food Processing



Freezers



Alpine Regions



Features and Benefits

- AS/NZS 2293.3 compliant
- LED lamps
- IP66/67
- IK08
- -25°C and -40°C options
- Clevertest Plus System compatible



LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM
NANOPHOSPHATE
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®

LOW TEMPERATURE EMERGENCY

ORDERING INFORMATION		LP 1 2	L10 1 2	L10 3
TEST OPTIONS / PART #	Standard	CLIFE-PRO-WP-IPREM	LLIFE-PRO-WP-IPREM	LWPLIFE-PRO-FZR
	Clevertest Plus System Compatible	Yes	Yes	No
	DALI	CLIFE-PRO-WP-D2-IPREM	LLIFE-PRO-WP-D2-IPREM	-
	Zoneworks® HIVE	CLIFE-PRO-WP-HVG-IPREM	LLIFE-PRO-WP-HVG-IPREM	LWPLIFE-PRO-FZR-HVG
Carton Quantity	1			
Weight - Single (Carton)	3.5kg			3.2kg
Dimensions (L x W x H) - Control Pack	232mm x 40mm x 40mm			380mm x 190mm x 130mm (incl. head)
Dimensions (L x W x H) - Head	122mm x 120mm x 75mm			-

POWER, LAMPS AND BATTERY		LP 1 2	L10 1 2	L10 3
Power Consumption (Standby / Max)		0.4W / 4.7W	0.4W / 4.7W	0.4W / 2.7W
Lamp(s)	Dual LED (Lifetime Warranty on the Lamp Head and Loom Assembly)			
Battery		Lithium Iron Phosphate	Lithium Nanophosphate®	Lithium Nanophosphate®
Voltage / Capacity (mAh)		3.2V / 6400mAh	3.3V / 5000mAh	3.3V / 5000mAh
Charging Method	Intelligent Current Limited Constant Voltage			

TECHNICAL SPECIFICATIONS	LP 1 2	L10 1 2	L10 3
Operating Mode	Non-Maintained		
Voltage (V) (Frequency (Hz))	240V AC (50HZ)		
Operating Temperature	1°C to 40°C (Control Pack) -40°C to 40°C (Lamp Head)		-25°C to 40°C
Ingress Protection Rating (IP)	IP66/67		
Impact Rating (IK)	IK08		

CLASSIFICATION	LP 1 2	L10 1 2	L10 3
C0	D63	D63	D50
C90	D63	D63	D50

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)														
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m
D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8
D63	11.5	13.2	14.8	16.5	18.1	19.8	22.00	24.5	25.2	26.4	27.3	28.0	28.5	28.8

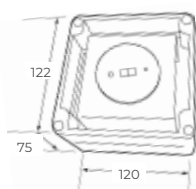
Caution: Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

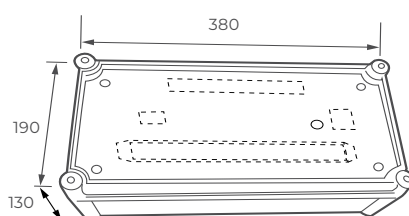
*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>

Product Configuration:

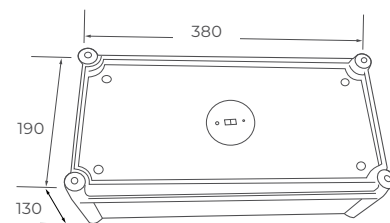
- 1 Surface Mount with WP Remote Enclosed Gear (-40°C)
- 2 WP remote Enclosed Gear
- 3 Surface Mount with Integral Gear (-25°C)



1



2



3

Dimensions (mm)

WEATHERPROOF TWIN EMERGENCY POD



Weatherproof Twin LED Emergency light

The Weatherproof Twin Emergency Pod is perfect for external applications where moisture or dust is present like car parks and storage areas.

Constructed with a polycarbonate enclosure with an IP66/67 rating and D160 classification.

With market leading lithium battery technology and energy efficient LEDs the Weatherproof Twin Emergency Pod will also deliver lower maintenance and energy costs.

Applications



Warehouses



Factories



Car Parks



Schools



Public Amenities



Stairwells



Features and Benefits

- AS/NZS 2293.3 compliant
- Twin rotatable LED pods
- IP66/67
- Nanophosphate® battery
- Clevertest Plus System compatible



WEATHERPROOF TWIN EMERGENCY POD

ORDERING INFORMATION		L10
TEST OPTIONS / PART #	Standard - White	LWP2LIFE-PRO-WPPOD
	Clevertest Plus System Compatible	Yes
	DALI	LWP2LIFE-PRO-WPPOD-D2
	Zoneworks® HIVE	LWP2LIFE-PRO-WPPOD-HVG
Carton Quantity		1 Piece
Weight - Single (Carton)		3.4kg
Dimensions (L x W x H)		520mm x 180mm x 135mm

POWER, LAMPS AND BATTERY		L10
Power Consumption (Standby / Max)		0.8W / 5.5W
Lamp(s)		Twin Dual LED
Battery		Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)		3.3V / 2500mAh
Charging Method		Intelligent Current Limited Constant Voltage

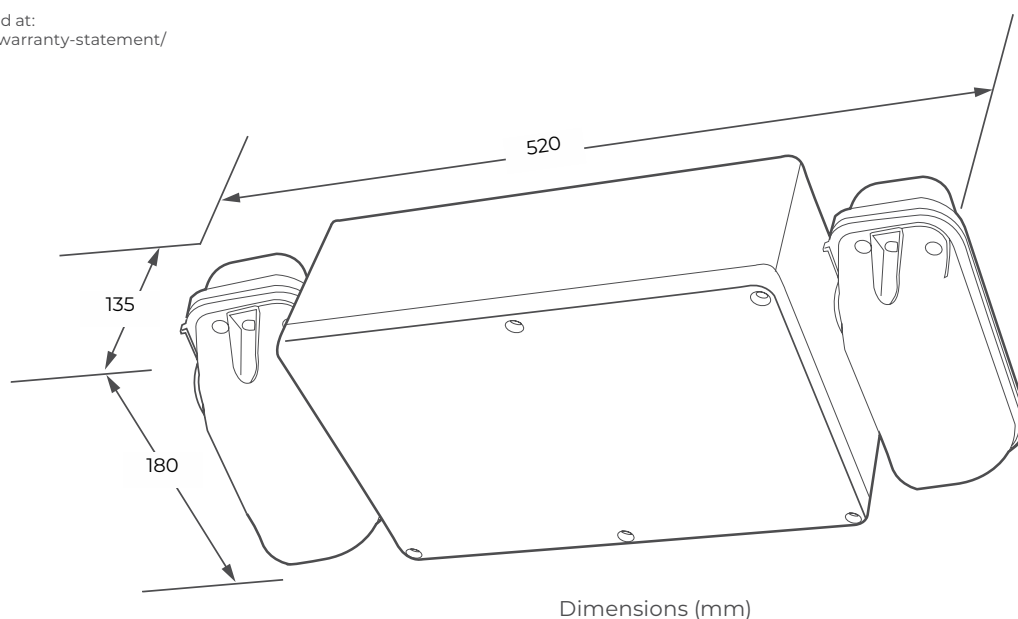
TECHNICAL SPECIFICATIONS		CLASSIFICATION	L10 (CEILING MOUNT)
Operating Mode	Non-Maintained	C0	D160
Voltage (V) Frequency (Hz)	220-240V (50Hz)	C90	D160
Operating Temperature	0°C to 40°C		
IP Rating (IP)	IP66/67		

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)														
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m
D160	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	33.0	38.5	40.2	41.4	42.5

ⓘ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit:
<https://clevertronics.com.au/spacing-tables/>

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)



LED Emergency Flood Light

Equipped with high-powered LED’s, the Supalite emergency flood light is a trusted source of light during times of power failure.

Easy to install and featuring high power LED heads that can be adjusted to the required position, they are ideal for schools, hospitals, and office buildings.



Applications

- | | |
|---|---|
|  Warehouses |  Car Parks |
|  Factories |  Sports Facilities |
|  Schools |  Railway Stations |

TRADE S E R I E S THE TRADES CHOICE	LP LITHIUM IRON PHOSPHATE PREMIUM PREMIUM PROJECT PERFORMANCE	L10 LITHIUM NANOPHOSPHATE® OPTIMUM NOTHING ELSE COMPETES WITH NANOPHOSPHATE®
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Features and Benefits

- AS/NZS 2293.3 compliant
- Low power consumption
- LED adjustable lamps
- Up to 370lm
- Lithium Iron Phosphate or Nanophosphate® battery
- Clevertest Plus System Compatible (LP & L10)

 LED	 IP20
 Surface Mount	
 Non-Maintained	
 LFP	
 LNP	

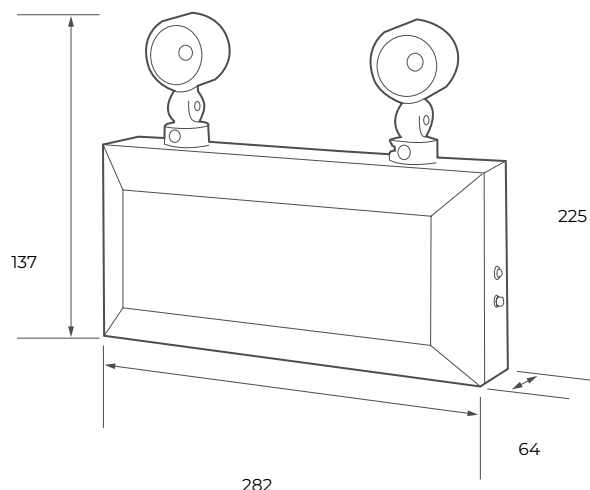
SUPALITE

ORDERING INFORMATION		TS	LP	L10
TEST OPTIONS / PART #	Standard - White	EFLLLED-LI	CFLLED	LFLLLED
	Standard - Black	-	CFLLED-BLK	LFLLLED-BLK
	Clevertest Plus System Compatible	No	Yes	
	DALI	-	CFLLED-D2	LFLLLED-D2
	Zoneworks® HIVE	-	CFLLED-HVG	LFLLLED-HVG
Carton Quantity		10		
Weight - Single (Carton)		1.4kg (15.2kg)		
Dimensions (L x W x H)		Main Enclosure - 282mm x 64mm x 137mm Total Height Including LED Heads 225mm		

POWER, LAMPS AND BATTERY		TS	LP	L10
Power Consumption (Standby / Max)		0.4W / 2.4W	0.4W / 1.7W	0.4W / 2.2W
Lamp(s)		2 x LED Heads (Adjustable)		
Lumen Output (Per Head / Total)		175lm / 350lm	185lm / 370lm	
Battery		Lithium Iron Phosphate		Lithium Nanophosphate®
Voltage / Capacity (mAh)		3.2V / 6000mAh	3.2V / 6400mAh	3.3V / 5000mAh
Charging Method		Intelligent Current Limited Constant Voltage		

TECHNICAL SPECIFICATIONS		TS	LP	L10
Operating Mode		Non-Maintained		
Voltage (V) (Frequency (Hz))		220-240V (50Hz)		
Construction		Polycarbonate		
Operating Temperature		0°C to 40°C		
Ingress Protection Rating (IP)		IP20		

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)

SUPALITE WEATHERPROOF



LED Emergency Weatherproof Flood Light

Designed to provide reliable emergency lighting in all weather conditions, the Supalite weatherproof emergency flood lights feature high power LED heads that can be adjusted to the required position.

Easy to install, they are suitable for outdoor applications such as loading bays, car parks, and evacuation points.

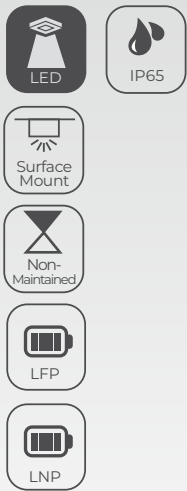
Applications

- | | |
|---|---|
|  Warehouses |  Car Parks |
|  Factories |  Sports Facilities |
|  Schools |  Railway Stations |



Features and Benefits

- AS/NZS 2293.3 compliant
- Low power consumption
- LED adjustable lamps
- Up to 1200lm
- Lithium Iron Phosphate or Nanophosphate® battery
- Clevertest Plus System Compatible



TRADE S E R I E S THE TRADES CHOICE	LP LITHIUM IRON PHOSPHATE PREMIUM PREMIUM PROJECT PERFORMANCE	L10 LITHIUM NANOPHOSPHATE® OPTIMUM NOTHING ELSE COMPETES WITH NANOPHOSPHATE®
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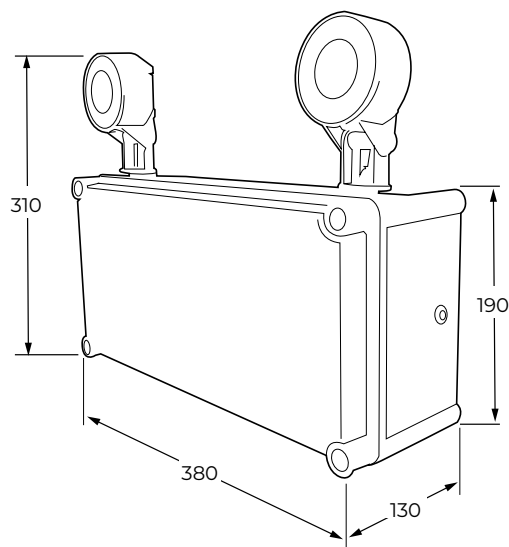
SUPALITE WEATHERPROOF

ORDERING INFORMATION		TS	LP	L10
TEST OPTIONS / PART #	Standard - White	EWFLLED	CWFLLED	LWFLLED
	Standard - Black	-	CWFLLED-BLK	LWFLLED-BLK
	Clevertest Plus System Compatible	No	Yes	
	DALI	-	CWFLLED-DALI	LWFLLED-DALI
	Zoneworks® HIVE	-	CWFLLED-HV	LWFLLED-HV
Carton Quantity		1		
Weight - Single		2.4kg	3.6kg	
Dimensions (L x W x H)		Main Enclosure - 380mm x 130mm x 190mm Total Height Including LED Heads 310mm		

POWER, LAMPS AND BATTERY	TS	LP	L10	
	Power Consumption (Standby / Max)	0.4W / 1.3W	1.0W / 5.4W	
	Lamp(s)	2 x LED Heads (Adjustable)		
	Lumen Output (Per Head / Total)	175lm / 350lm	600lm / 1200lm	495lm / 990lm
	Battery	Lithium Iron Phosphate		Lithium Nanophosphate®
	Voltage / Capacity (mAh)	3.2V / 3000mAh	6.4V / 3200mAh	6.6V / 2500mAh
	Charging Method	Intelligent Current Limited Constant Voltage		

TECHNICAL SPECIFICATIONS	TS	LP	L10
Operating Mode	Non-Maintained		
Voltage (V) Frequency (Hz)	220-240V (50Hz)		
Construction	Polycarbonate		
Operating Temperature	0°C to 40°C		
Ingress Protection Rating (IP)	IP65		

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)

LIFELIGHT TRACK MOUNT



Architectural Track Mounted Emergency Light

The Lifelight Track Mount emergency luminaire is designed for effortless integration into Stucchi tracks, blending seamlessly into any environment where aesthetics is important. Engineered to deliver exceptional performance, and powered by a long lasting Clevetronics L10 battery, it boasts a D40 emergency classification, ensuring reliability and compliance in critical situations.

Applications



Office Buildings



Showrooms



Galleries



Retail Outlets



Apartments



Theatres

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®

Features and Benefits

- AS/NZS 2293.3 compliant
- Sleek architectural design
- Fits Stucchi 3 & 6 circuit tracks
- D40 emergency classification
- Lithium Nanophosphate® battery
- DALI and Zoneworks test options



LIFELIGHT TRACK MOUNT

ORDERING INFORMATION		EMERGENCY (L10)	
Colour		White	Black
TEST OPTIONS / PART #			
Standard		LLIFE-TRACK-WHT	LLIFE-TRACK-BLK
Clevertest Plus System Compatible		Yes	
DALI*		LLIFE-TRACK-D2-WHT	LLIFE-TRACK-D2-BLK
Zoneworks® HIVE*		LLIFE-TRACK-HVG-WHT	LLIFE-TRACK-HVG-BLK
Carton Quantity		1 Piece	
Weight - Single (Carton)		0.7kg	
Dimensions (L x H x D)		230mm x 100mm x 70mm	

POWER, LAMPS AND BATTERY		EMERGENCY (L10)	
Power Consumption (Standby / Max)		0.5W / 2.5W	
Lamp(s)		1 x LED	
Battery		Lithium Nanophosphate®	
Voltage (V) / Capacity (mAh)		3.3V / 2500mAh	
Charging Method		Intelligent Current Limited Constant Voltage	

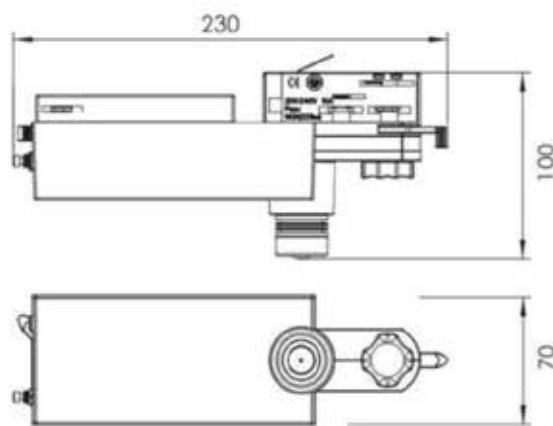
TECHNICAL SPECIFICATIONS		EMERGENCY (L10)	
Construction - Body		Polycarbonate enclosure with Stucchi track adapter	
Operating Mode		Non-maintained	
Voltage (V) Frequency (Hz)		220-240V (50Hz)	
Operating Temperature		1°C to 40°C	
Ingress Protection Rating (IP)		IP20	

CLASSIFICATION	EMERGENCY (L10)
C0	D40
C90	D40

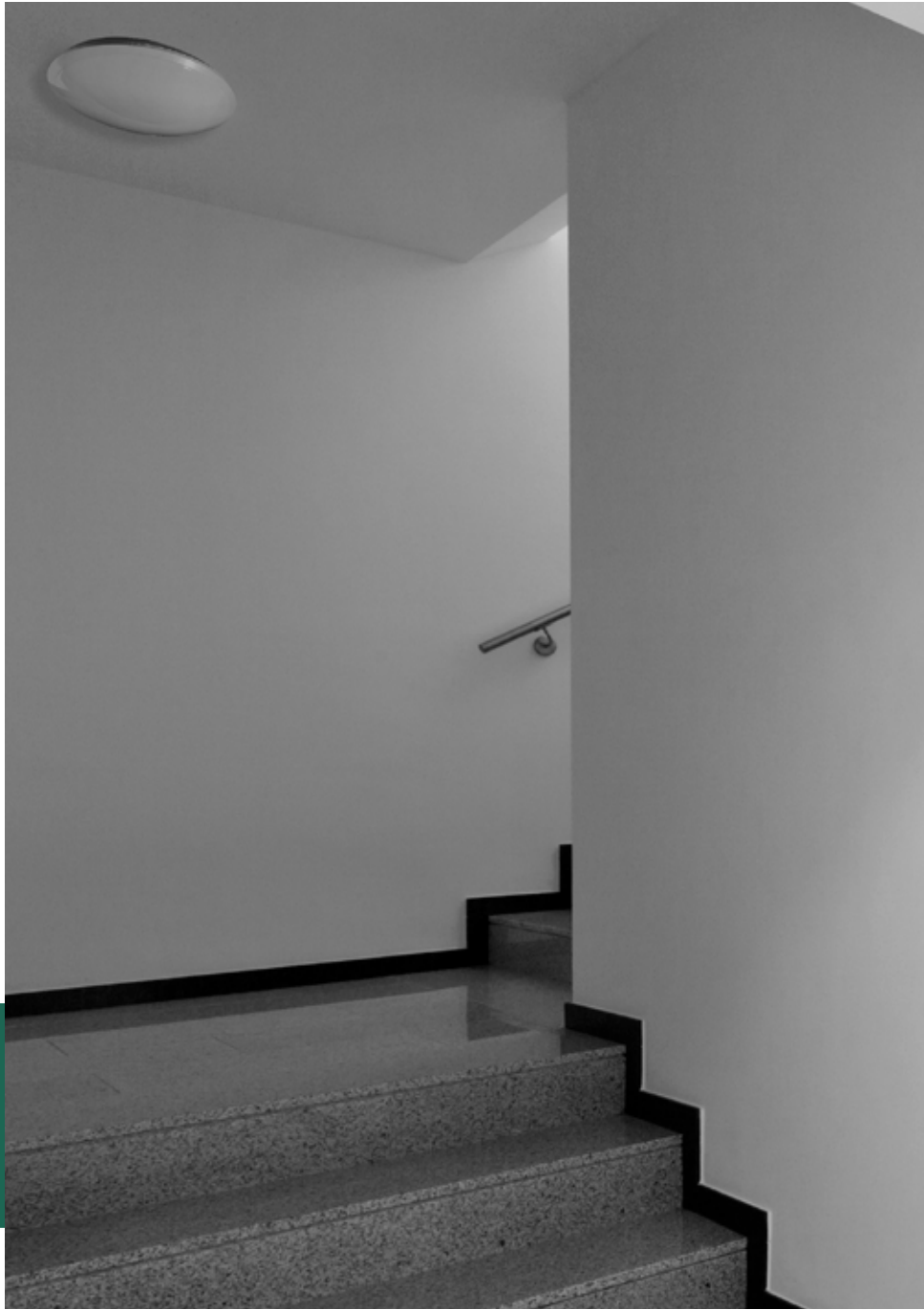
SPACING TABLE & MOUNTING HEIGHTS - AS / NZS 2293.1:2008 (MINIMUM LIGHT LEVEL OF 0.2 LUX)														
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)





CIRCULAR & BULKHEADS

CIRCULARS & BULKHEADS

Argonaut Square	98	Argo Entry	112
Circlite	100		
Argo Circ	104		
Bunkalite	108		
Argo Wall	110		

ARGONAUT SQUARE



Square LED Emergency Light

The Argonaut Square is an IP65 and IK10 rated luminaire that is ideal for applications such as car parks, corridors, stairwells and walkways.

Market leading lithium battery technology provides lower maintenance costs and LED lamps combined with high/low sensors provides an opportunity to reduce energy costs significantly.

Constructed with a die cast aluminium body and polycarbonate diffuser the Argonaut Square provides a robust and decorative emergency lighting solution.

Applications



Apartments



Factories



Schools



Car Parks



Public Amenities



Sports Facilities

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

Features and Benefits

- AS/NZS 2293.3 compliant
- IP65 Ingress rating
- IK10 Impact rating
- Die cast aluminium body
- LED lamps
- Lithium Iron Phosphate battery
- Clevertest Plus System compatible
- Microwave sensor option



ARGONAUT SQUARE

ORDERING INFORMATION		LP		240V	
TEST OPTIONS / PART #	Standard - White	ARGOSQ-LP	ARGOSQ-SEN-LP	ARGOSQ	ARGOSQ-SEN
	Clevertest Plus System Compatible	Yes	Yes	-	-
	DALI	ARGOSQ-LP-D2	ARGOSQ-SEN-LP-D2	-	-
	Zoneworks® Hive	ARGOSQ-LP-HVG	ARGOSQ-SEN-LP-HVG	-	-
Carton Quantity		4			
Weight - Single (Carton)		3.5kg (14.5kg)	3.5kg (14.5kg)	3.0kg (12.5kg)	3.0kg (12.5kg)
Dimensions (L x W x H)		321mm x 321mm x 97mm			

POWER, LAMPS AND BATTERY		LP		240V	
Power Consumption (Standby / Max) - Default		0.4W / 26.6W	0.4W / 24.3W	21.2W	3.1W / 21.6W
Lamp(s)		LED Module, 4000K (L70/B50 Ta 40°C; Reported >60,000hr, Projected 205,000hr)			
Total Lumen Output		3242lm	3242lm	3242lm	3242lm
Voltage (V) /Capacity (mAh)		3.3V / 5000mAh		-	
Battery		Lithium Iron Phosphate		-	
Voltage / mAh		6.4V / 3200mAh		-	
Charging Method		Intelligent Current Limited Constant Voltage		-	

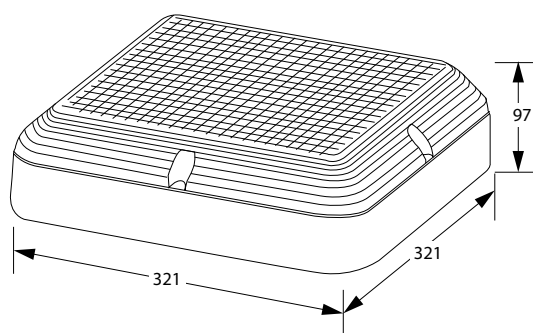
TECHNICAL SPECIFICATIONS		LP	240V	CLASSIFICATION	LP
Operating Mode		Sustained	Non-Emergency	C0	D63
Voltage (V) (Frequency (Hz))		220-240V (50Hz)		C90	D63
Operating Temperature		0°C to 40°C			
Ingress Protection Rating (IP)		IP65			
Impact Rating (IK)		IK10			

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018														
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m
D63	11.5	13.2	14.8	16.5	18.1	19.8	22	24.5	25.2	26.4	27.3	28	28.5	28.8

ⓘ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit:
<https://clevertronics.com.au/spacing-tables/>

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)

CIRCLITE EMERGENCY LIGHT



LED Circular Emergency light



The Circlite luminaire's new style delivers an optimal solution for areas requiring both general and emergency lighting including corridors, stairwells, and walkways.

The new sleek housing features efficient colour select LED's, large terminal block, optional microwave motion sensor, and robust IP20 polycarbonate construction for wall or ceiling mount application. The self-contained emergency model includes options for both standalone and networked monitoring.

Applications

- | | |
|---|---|
|  Office Buildings |  Car Parks |
|  Public Amenities |  Aged Care |
|  Schools |  Sports Facilities |

TRADE
S E R I E S
THE TRADES CHOICE

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

Features and Benefits

- Large terminal block
- Switchable tri-colour (3000K/4000K/5700K)
- Switchable output (varies by model)
- Lumen Efficiency 113lm/W
- Clevertronics Stallion Driver
- Microwave sensor options available
- Expanded options in sensor settings
- Covers previous model's footprint
- Clevertest Plus System compatible (LP)



CIRCLITE EMERGENCY LIGHT

ORDERING INFORMATION		EMERGENCY (TS)	EMERGENCY (LP)	STANDARD
TEST OPTIONS / PART #	Standard	CIRC-EM	CIRC-LP	CIRC
	Motion Sensor	CIRC-SEN-EM	CIRC-SEN-LP	CIRC-SEN
	DALI Driver	CIRC-DD-EM	CIRC-DD-LP	CIRC-DD
	Clevertest Plus System Compatible	-	Yes	-
	DALI*	-	CIRC-LP-D2	-
	Zoneworks® HIVE*	-	CIRC-LP-HVG	-
Carton Quantity		5		
Weight - Single (Carton)		1.5kg (9.1kg)	1.6kg (9.6kg)	1.3kg (8kg)
Dimensions (Diameter x Height)		350mm x 81mm		

* For motion sensor version add -SEN to the product code as per the following example: CIRC-SEN-LP-D2

TECHNICAL SPECIFICATIONS		EMERGENCY (TS)	EMERGENCY (LP)	STANDARD
Construction - Base		UV Stabilised Polycarbonate		
Construction - Diffuser		UV Stabilised Polycarbonate		
Voltage (V) Frequency (Hz)		220-240V (50Hz)		
Power Consumption (Standby / Max)		(See Table on next Page)		
Lamp		Dual LED Module		
Lamp(s) (CCT/Life)		3000K Warm White, 4000K Natural White, 5700K Cool White, (CRI) Ra>80 L70/B50 Ta 40°C; LM80 Report >54,000hr, Projected 166,000hrs L70/B50 Ta 25°C; LM80 Report >54,000hr, Projected 166,000hrs L80/B20 Ta 40°C; LM80 Report >54,000hr, Projected 94,000hrs L90/B10 Ta 40°C; LM80 Report 43,000hr, Projected 43,000hrs		
Nominal Lumen Output		(See Table on next Page)		
Operating Temperature		1°C to 40°C		
Ingress Protection Rating (IP)		IP20		

EMERGENCY SPECIFICATIONS		EMERGENCY (TS)	EMERGENCY (LP)
Operating Mode		Sustained	
Battery Type		Lithium Iron Phosphate	
Voltage (V) / Capacity (mAh)		3.2V / 3000mAh	3.2V / 6400mAh
Charging Method		Intelligent current limited constant voltage	

CLASSIFICATION		EMERGENCY (TS)	EMERGENCY (LP)
C0		D40	D50
C90		D40	D50

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)														
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m
D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>

CIRCLITE EMERGENCY LIGHT

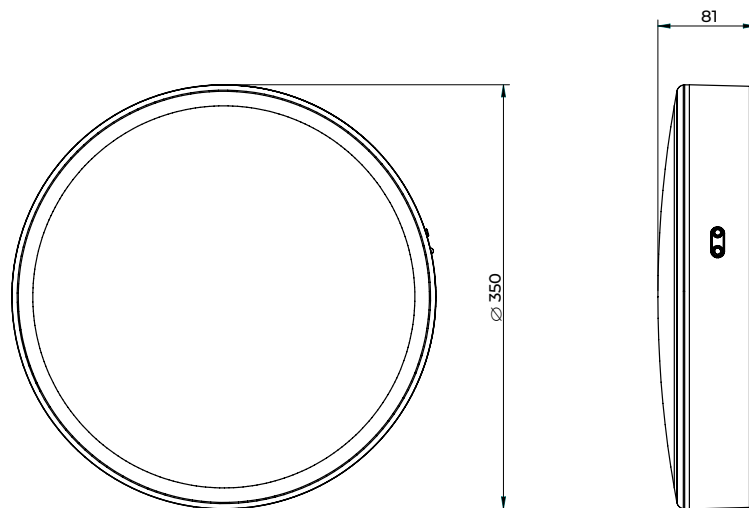
NO SENSOR / NO DALI DRIVER

POWER CONSUMPTION				LUMEN OUTPUT			LUMENS / WATT		
OUTPUT (500mA)	Standby Charge / Main Lamp On		Main Lamp On	TS	LP	STANDARD	TS	LP	STANDARD
	TS	LP							
3000K	21.9W	21.0W	20.6W	2141 lm	2141 lm	2141 lm	97.8 lm/W	103.9 lm/W	106.4 lm/W
4000K DEFAULT	21.3W	20.4W	20.0W	2257 lm	2257 lm	2257 lm	112.9 lm/W	110.6 lm/W	112.9 lm/W
5700K	21.9W	21.0W	20.6W	2192 lm	2192 lm	2192 lm	100.0 lm/W	102.0 lm/W	103.9 lm/W
OUTPUT LOW (250mA)									
3000K	11.7W	10.8W	10.4W	1121 lm	1121 lm	1121 lm	95.8 lm/W	103.8 lm/W	107.8 lm/W
4000K	11.5W	10.6W	10.2W	1159 lm	1159 lm	1159 lm	100.8 lm/W	109.3 lm/W	113.6 lm/W
5700K	11.7W	10.8W	10.4W	1148 lm	1148 lm	1148 lm	98.1 lm/W	106.3 lm/W	110.4 lm/W

SENSOR / DALI DRIVER

POWER CONSUMPTION	Standby Charge / Main Lamp On	Standby Charge / Main Lamp On	Main Lamp On	Standby Charge / Main Lamp On @ Min. 10%	Standby Charge / Main Lamp On @ Min. 10%	Main Lamp On @ Min. 10%	LUMEN OUTPUT			LUMENS / WATT		
	TS	LP	STANDARD	TS	LP	STANDARD	TS	LP	STANDARD	TS	LP	STANDARD
3000K	22.4W	22.3W	21.1W	3.3W	3.6W	2.9W	2141 lm	2141 lm	2141 lm	95.6 lm/W	96.0 lm/W	103.9 lm/W
4000K DEFAULT	21.8W	21.7W	20.5W	3.3W	3.6W	2.9W	2257 lm	2257 lm	2257 lm	103.5 lm/W	104.0 lm/W	110.1 lm/W
5700K	22.9W	22.3W	21.1W	3.3W	3.6W	2.9W	2192 lm	2192 lm	2192 lm	93.5 lm/W	98.2 lm/W	101.5 lm/W

CIRCLITE EMERGENCY LIGHT



Dimensions (mm)

ARGO CIRCULAR



Weatherproof LED Circular Emergency Light

The Argo Circular is a durable and versatile emergency lighting solution designed for outdoor applications.

Featuring switchable colour and output, it offers flexibility to suit various environments while achieving up to D50/D50 emergency classification.

With IP65 ingress protection and IK08 impact resistance, the Argo Circular ensures reliability in harsh conditions.

Applications



Apartments



Car Parks



Factories



Railway Stations



Schools



Sports Facilities

Features and Benefits

- AS/NZS 2293.3 compliant
- Switchable Colour (3000K / 4000K / 5700K)
- Switchable Output
- Up to D50/D50 emergency classification
- IP65 Ingress Protection
- IK08 Impact Rating
- Class II double insulated
- Large terminal block for easy installation
- Lithium Iron Phosphate battery
- Clevertest Plus System compatible (LP)



TRADE
SERIES
THE TRADE'S CHOICE

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

ARGO CIRCULAR

ORDERING INFORMATION		EMERGENCY (TS)	EMERGENCY (LP)	STANDARD
TEST OPTIONS / PART #	Standard - White	ARGOCIRC-EM	ARGOCIRC-LP	ARGOCIRC
	Standard - Black	ARGOCIRC-EM-BLK	ARGOCIRC-LP-BLK	ARGOCIRC-BLK
	Motion Sensor	ARGOCIRC-SEN-EM	ARGOCIRC-SEN-LP	ARGOCIRC-SEN
	Clevertest Plus System Compatible	-	Yes	-
	DALI*	-	ARGOCIRC-LP-D2	-
	Zoneworks® HIVE*	-	ARGOCIRC-LP-HVG	-
Carton Quantity		5		
Weight - Single (Carton)		1.6kg (9.3kg)	1.7kg (9.9 kg)	1.3 kg (8.1 kg)
Dimensions (Diameter x Height)		330mm x 84mm		

* For motion sensor version add -SEN to the product code as per the following example: ARGOCIRC-SEN-LP-D2

TECHNICAL SPECIFICATIONS	EMERGENCY (TS)	EMERGENCY (LP)	STANDARD
Construction - Base	UV Stabilised Polycarbonate		
Construction - Diffuser	UV Stabilised Polycarbonate		
Voltage (V) Frequency (Hz)	220-240V (50Hz)		
Power Consumption (Standby / Max)	(See Table on next Page)		
Lamp	Dual LED Panel		
Luminaire CCT	Switchable Colour: 3000K Warm White, 4000K Natural White, 5700K Cool White, (CRI) Ra>80		
Lamp Projected Life (Ta40°C)	Ta40°C; >270,000hr (L70/B50), >100,000hr (L80/B20), 43,000hr (L90/B10)		
Lamp Projected Life (Ta25°C)	Ta25°C; >270,000hr (L70/B50), >100,000hr (L80/B20), 43,000hr (L90/B10)		
Nominal Lumen Output	(See Table on next Page)		
Operating Temperature	0°C to 40°C		
Ingress Protection Rating (IP)	IP65		
Impact Rating (IK)	IK08		

EMERGENCY SPECIFICATIONS	EMERGENCY (TS)	EMERGENCY (LP)
Operating Mode	Sustained	
Battery Type	Lithium Iron Phosphate	
Voltage (V) / Capacity (mAh)	3.2V / 3000mAh	3.2V / 6400mAh
Charging Method	Intelligent current limited constant voltage	

CLASSIFICATION	EMERGENCY (TS)	EMERGENCY (LP)
C0	D40	D50
C90	D40	D50

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)														
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0
D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>

ARGO CIRCULAR

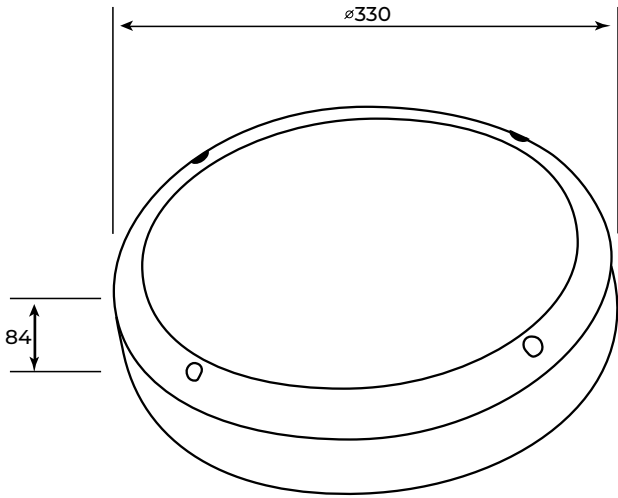
NO SENSOR

POWER CONSUMPTION	Standby Charge / Main Lamp On		Main Lamp On	LUMEN OUTPUT			LUMENS / WATT		
	TS	LP	STANDARD	TS	LP	STANDARD	TS	LP	STANDARD
OUTPUT HIGH (500mA)									
3000K	16.9W	17.2W	16.5W	1834lm	1834lm	1834lm	108 lm/W	108 lm/W	111 lm/W
4000K DEFAULT	16.5W	16.8W	16.1W	1889lm	1889lm	1889lm	114 lm/W	114 lm/W	117 lm/W
5700K	16.9W	17.2W	16.5W	1860lm	1860lm	1860lm	110 lm/W	110 lm/W	113 lm/W
OUTPUT LOW (250mA)									
3000K	9.8W	10.1W	9.4W	1013lm	1013lm	1013lm	103 lm/W	103 lm/W	108 lm/W
4000K	9.6W	9.9W	9.2W	1029lm	1029lm	1029lm	107 lm/W	107 lm/W	112 lm/W
5700K	9.8W	10.1W	9.2W	1034lm	1034lm	1034lm	105 lm/W	105 lm/W	112 lm/W

SENSOR / DALI DRIVER

POWER CONSUMPTION	Standby Charge / Main Lamp On		Main Lamp On	Standby Charge / Main Lamp On @ Min. 10%		Main Lamp On @ Min. 10%	LUMEN OUTPUT			LUMENS / WATT		
	TS	LP	STANDARD	TS	LP	STANDARD	TS	LP	STANDARD	TS	LP	STANDARD
OUTPUT (500mA)												
3000K	16.8W	17.1W	16.4W	3.4W	3.7W	3.0W	1834lm	1834lm	1834lm	109 lm/W	107 lm/W	112 lm/W
4000K DEFAULT	16.4W	16.7W	16.0W	3.4W	3.7W	3.0W	1889lm	1889lm	1889lm	115 lm/W	115 lm/W	118 lm/W
5700K	16.9W	17.2W	16.5W	3.4W	3.7W	3.0W	1860lm	1860lm	1860lm	110 lm/W	110 lm/W	113 lm/W

ARGO CIRCULAR



Dimensions (mm)



Robust & Weatherproof LED Circular

The Bunkalite is an IP65 rated emergency luminaire that is ideal for outdoor covered applications such as corridors, stairwells and walkways in schools and apartment blocks.

Market leading lithium battery technology provides lower maintenance costs and LED lamps provide a low standby power rating that will reduce energy costs significantly.

Constructed with a powder coated die-cast aluminium body and white opal polycarbonate diffuser the Bunkalite provides a decorative solution for both industrial and commercial use.

Applications

- | | |
|---|---|
|  Apartments |  Car Parks |
|  Factories |  Public Amenities |
|  Schools |  Sports Facilities |



Features and Benefits

- AS/NZS 2293.3 compliant
- IP65 Ingress rating
- IK10 Impact rating
- LED lamps
- Powder coated steel body
- Available in black, white, grey and silver
- Lithium Iron Phosphate battery
- Clevertest Plus System compatible
- Microwave sensor option



ORDERING INFORMATION		LP	240V
TEST OPTIONS / PART #	Standard - White	CBKLEDS-WHT	FBKLED-WHT
	Standard - Black	CBKLEDS-BLK	FBKLED-BLK
	Clevertest Plus System Compatible	Yes	-
	DALI	CBKLEDS-D2-WHT	-
	Zoneworks® HIVE	CBKLEDS-HVG-WHT	-
	Motion Sensor	Yes	Yes
	3000 Variant Available	Yes	Yes
	Non-maintained Variant Available	Yes	Yes
Carton Quantity		1	
Weight - Single (Carton)		4.5kg	
Dimensions (D x H)		360mm x 145mm	

POWER, LAMPS AND BATTERY		LP	240V
Power Consumption (Standby / Max)		1.0W / 18.1W	13.9W
Lamp(s)		LED Module 4000K / 50,000hrs (L70 / E50 Ta40)	
Total Lumen Output		1945lm	1945lm
Battery		Lithium Iron Phosphate	-
Voltage / Capacity (mAh)		3.2V / 3200mAh	-
Charging Method		Intelligent Current Limited Constant Voltage	-

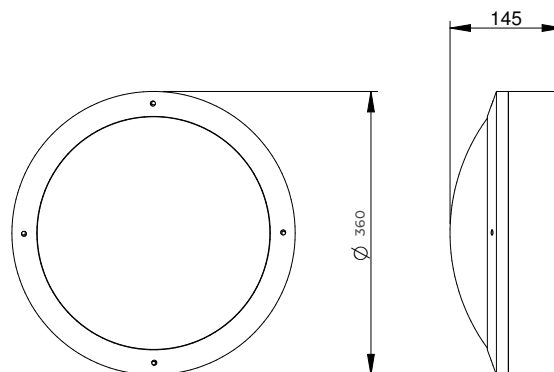
TECHNICAL SPECIFICATIONS	LP		240V	
	Sustained		Non-Emergency	
	220-240V (50Hz)			
	0°C to 40°C			
	IP65			
	IK10			

CLASSIFICATION		LP	
C0		D50	
C90		D50	

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)														
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m
D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit:
<https://clevertronics.com.au/spacing-tables/>

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)

ARGONAUT WALL



External Wall Mount Emergency Light

Crafted from die-cast aluminium housing and an emergency classification of up to D125, the Argonaut Wall luminaire is meticulously engineered to light up external egress paths. Equipped with a daylight sensor, they will automatically turn on or off depending on the ambient light levels, ensuring optimal visibility and safety.

Applications



Office Buildings



Car Parks



Public Amenities



Railway Stations



Schools



Sports Facilities

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

Features and Benefits

- AS/NZS 2293.3 compliant
- D40 / D125 emergency classification
- IP65 Ingress Protection
- IK10 Impact Rating
- Daylight sensor for automatic on/off functionality
- Lithium Iron Phosphate battery
- Clevertest Plus System compatible



ARGONAUT WALL

ORDERING INFORMATION		EMERGENCY (LP)	STANDARD
TEST OPTIONS / PART#	Standard - White	ARGOWALL-LP	ARGOWALL
	DALI Driver	ARGOWALL-DD-LP	ARGOWALL-DD
	Clevertest Plus System Compatible	Yes	-
	DALI	ARGOWALL-LP-D2	-
	Zoneworks® HIVE	ARGOWALL-LP-HVG	-
Carton Quantity		1	
Weight - Single (Carton)		4.6kg	4.5kg
Dimensions (W x H x D)		305mm x 310mm x 155mm	

TECHNICAL SPECIFICATIONS		EMERGENCY (LP)	STANDARD
Construction - Body		Die Cast Aluminium	
Construction - LED Cover		Polycarbonate	
Voltage (V) Frequency (Hz)		220-240V (50Hz)	
Power Consumption (Standby / Lamp On)		1.1W / 15.7W	1.0W / 14.2W
Lamp		LED Module, 4000K, 50000hrs (L70/B50, Ta40°C)	
Total Lumen Output		1646lm	
Operating Temperature		0°C to 40°C	
Ingress Protection Rating (IP)		IP65	
Impact Rating (IK)		IK10	
Sensor		Integrated photocell for automatic on/off operation depending on ambient light levels	

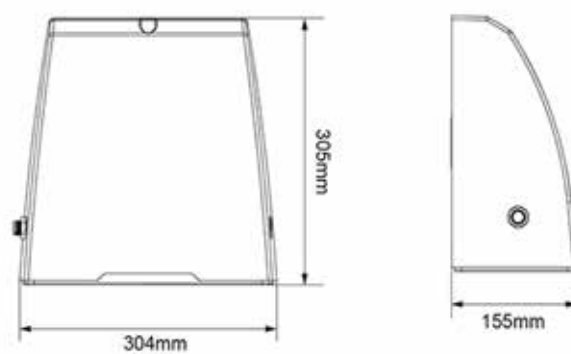
EMERGENCY SPECIFICATIONS		EMERGENCY (LP)
Operating Mode		Maintained
Battery Type		Lithium Iron Phosphate
Voltage (V) / Capacity (mAh)		3.2V / 6400mAh
Charging Method		Intelligent current limited constant voltage

CLASSIFICATION		EMERGENCY (LP)
C0		D40
C90		D125

SPACING TABLE AND MOUNTING HEIGHTS – AS / NZS 2293.1:2008 (MINIMUM LIGHT LEVEL OF 0.2 LUX)														
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0
D125	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	33.0	35.4	36.7	37.7	38.6

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit:
<https://clevertronics.com.au/spacing-tables/>

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)

ARGONAUT ENTRY



High Lumen Low Bay Luminaire

The Argonaut Entry is built for carpark entry and exterior canopy applications, and boasts a low-profile, die-cast powder-coated housing and a UV-stabilized, impact-resistant polycarbonate lens. With selectable colors and outputs, it delivers more than 16,800 lumens of powerful illumination.

Applications



Car Parks



Railway Stations



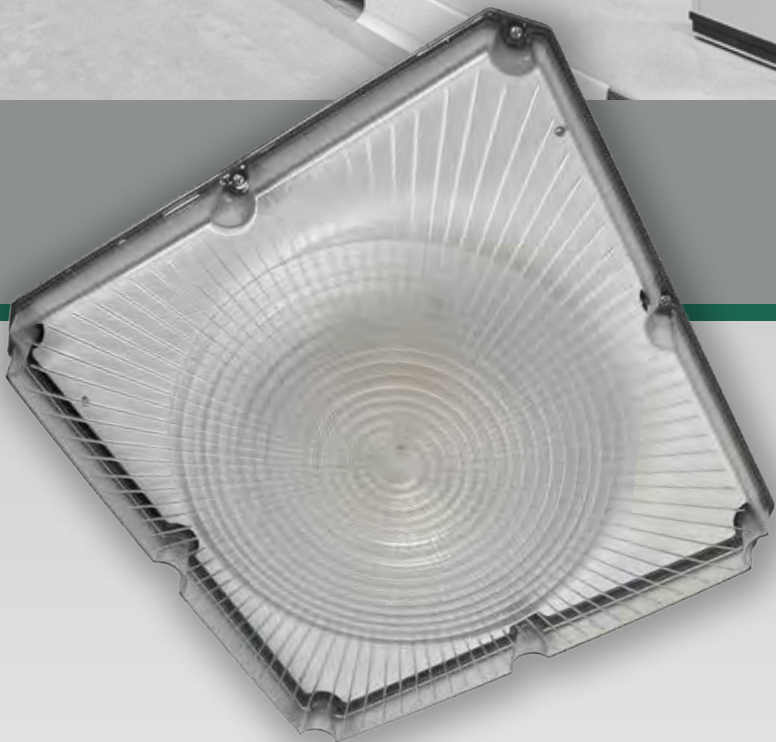
Factories



Public Amenities



Sports Facilities



Features and Benefits

- AS/NZS3820 compliant
- > 16,800lm Output
- Switchable colour (3000K/4000K/5000K)
- Switchable Outputs (80W/100W/120W)
- IP65 Ingress Protection
- IK08 Impact Protection



ARGONAUT ENTRY

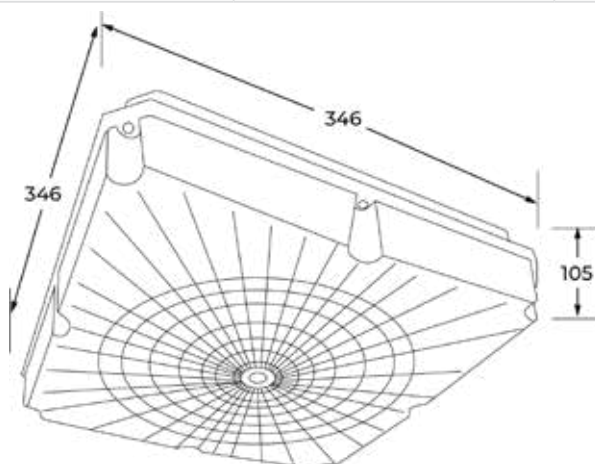
ORDERING INFORMATION		STANDARD
TEST OPTIONS / PART #	Standard	ARGOENTRY
	Motion Sensors	-
	Carton Quantity	1
	Weight - Single (Carton)	3.6KG
Dimensions (W X H X D)		346 x 346 x 105

TECHNICAL SPECIFICATIONS		STANDARD
Construction - Base		Die-Cast Aluminium
Construction - Diffuser		UV-Stabilised Polycarbonate
Voltage (V) Frequency (Hz)		220-240V~ 50Hz
Nominal Lumen Output		16,883lm (146.9lm/W) @ default (see table next page)
Power Consumption		114.9W @ default (refer to Power Consumption table below for more details)
Lamp		LED Panel Module
Lamp(s) (CCT/Life)		Switchable 3000K/4000K (default) /5000K L70/B50 Ta 40°C; LM80 Report >54,000hr, Projected 135,000hr L80/B50 Ta 40°C; LM80 Report >54,000hr, Projected 80,000hr L90/B50 Ta 40°C; Projected 40,000hr
Operating Temperature		0°C to 40°C
Ingress Protection Rating (IP)		IP65
Impact Rating (IK)		IK08

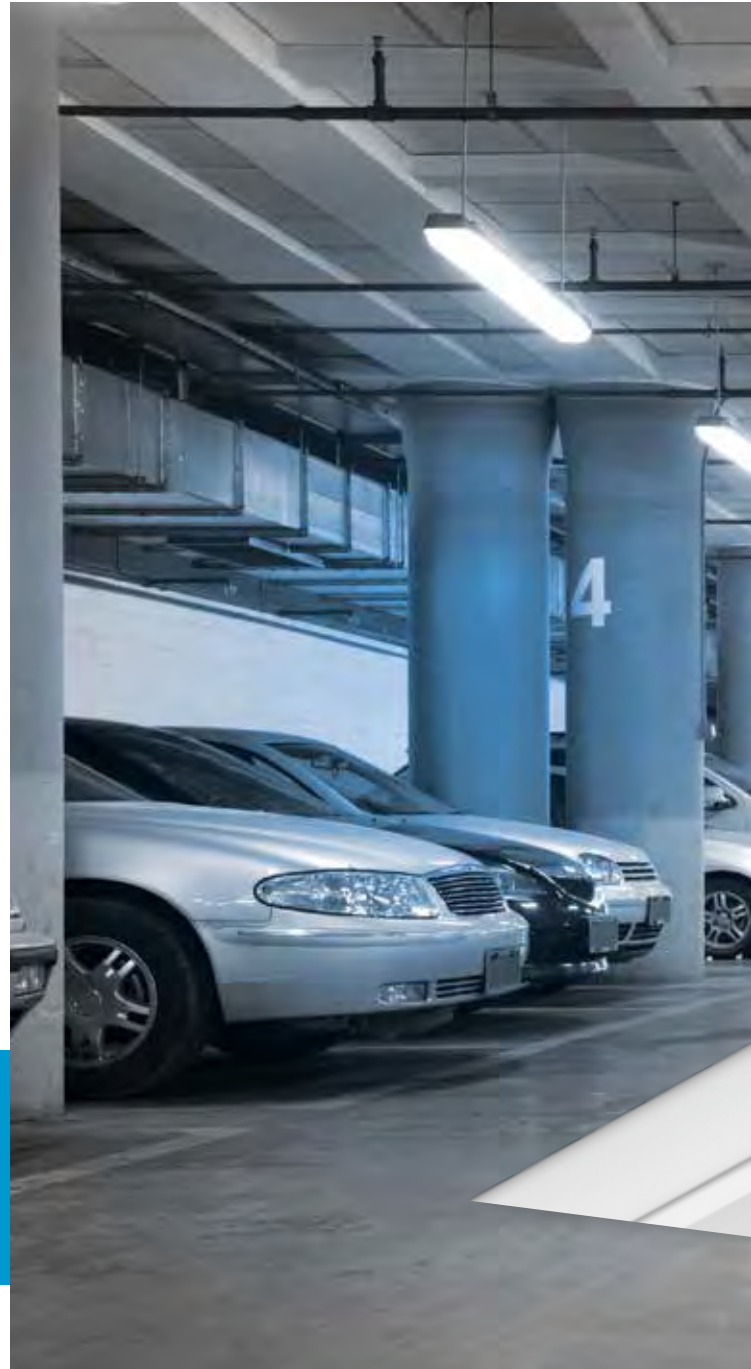
* On/off function can be managed by astronomical clock when used with Hive Combine

POWER CONSUMPTION	MAIN LAMP ON		LUMEN OUTPUT	LUMENS / WATT
OUTPUT 1 (80W)	STD		STD	STD
3000K	85.5W		11563lm	135.2 lm/W
4000K	82.7W		12601lm	152.3 lm/W
5700K	84.2W		12682lm	150.6 lm/W
OUTPUT 2 (100W)				
3000K	104.7W		13730lm	131.1 lm/W
4000K	100.7W		15192lm	150.9 lm/W
5700K	102.9W		15104lm	146.8 lm/W
OUTPUT 3 (120W)				
3000K	120.0W		15198lm	126.7 lm/W
4000K DEFAULT	114.9W		16883lm	146.9 lm/W
5700K	117.8W		16824lm	142.8 lm/W

*Warranty information located at:
<https://clevertronics.com.au/warranty-statement/>



Dimensions (mm)





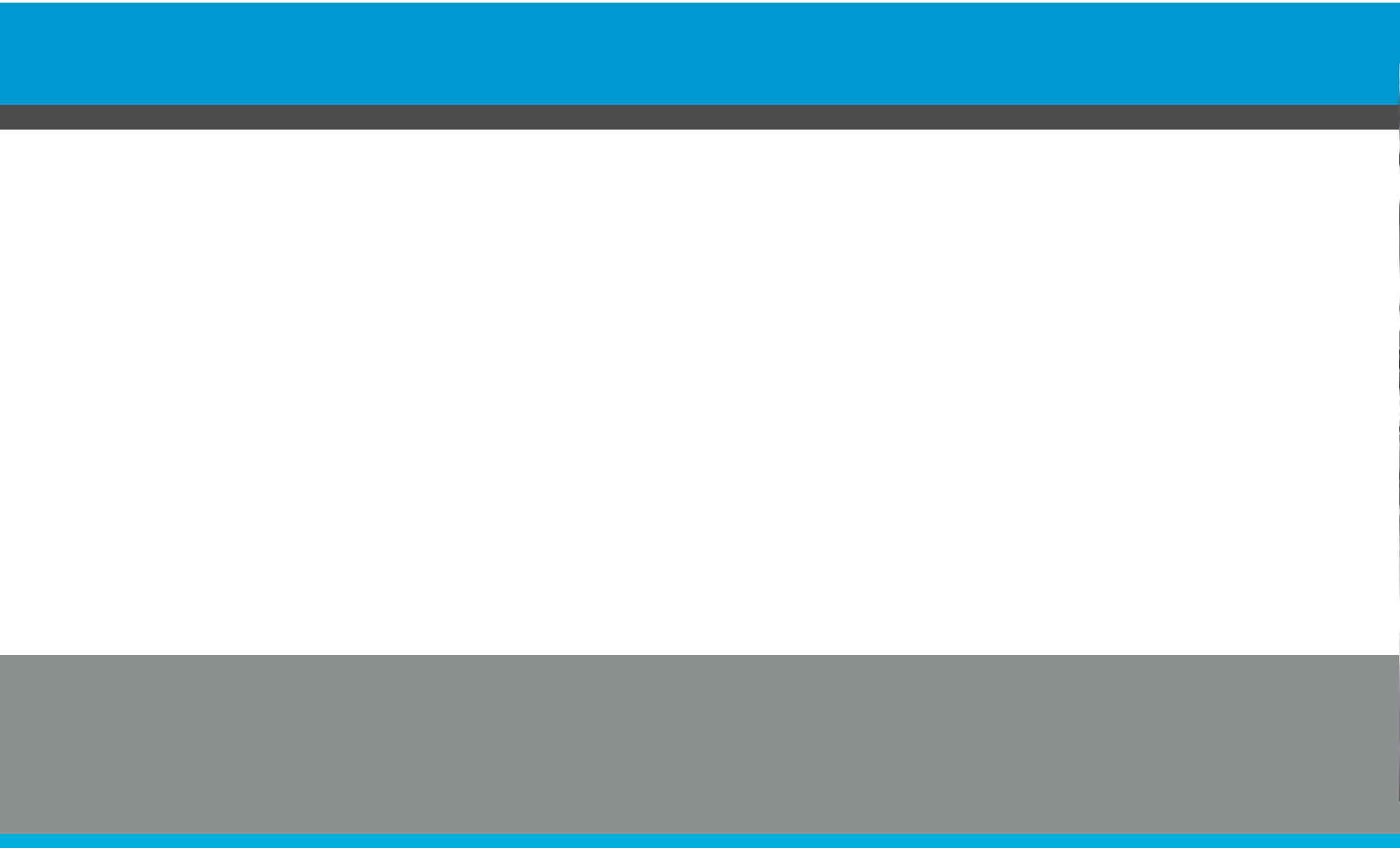
LED BATTENS

Weatherproof (IP65, IP66)

ARGO	117
Argonaut Plus	125
Argonaut PRO	133
Argonaut Vandal Resistant	140

Indoor, Diffused & Wireguard (IP20)

EPIC Indoor	145
Odyssey Diffused	150
Odyssey Wireguard	154
Bare Emergency	158
Bare Emergency Twin	162



ARGO WEATHERPROOF



Switchable Colour and Dual Output Weatherproof Batten Range

The ARGO Weatherproof is the perfect all-rounder when it comes to projects requiring a reliable, weatherproof batten. With IP65 and IK08 impact ratings combined with switchable colour and output, the ARGO provides greater flexibility on each project.

The emergency version contains market-leading Lithium Iron Phosphate battery technology and testing options are available with the LP range. Packed with features at the right price and backed by Clevertronics reliability. You won't be let down by the ARGO.

Applications



Car Parks



Corridors



Stairwells



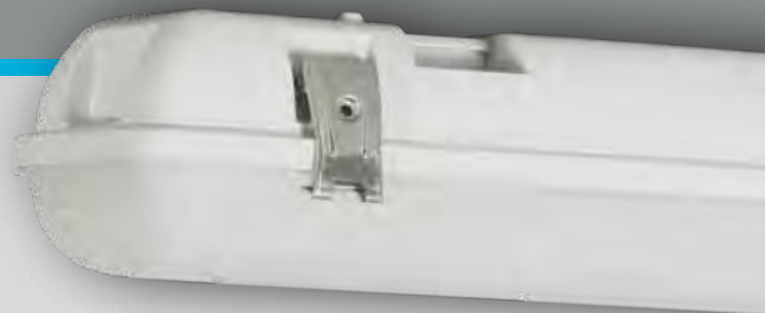
Back of House



Fire Stairs

TRADE
S E R I E S
THE TRADE'S CHOICE

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE



Features and Benefits

- AS/NZS 2293.3 compliant
- IP65 Ingress rating
- Long life, energy efficient LED strip module
- Switchable colour (3000K / 4000K / 5700K)
- Switchable output (varies by model)
- Lithium (LiFePO₄) battery technology
- Quick connect surface mount brackets and on-carton mounting template
- Large terminal block for easy installation
- IPART/VEU approval



ARGO WEATHERPROOF 600MM

SWITCHABLE COLOUR

ORDERING INFORMATION		EMERGENCY (TS)	EMERGENCY (LP)	STANDARD
Nominal Size		600mm	600mm	600mm
Standard		ARGO-600-EM	ARGO-600-LP	ARGO-600
DALI Driver		No		
Motion Sensors		ARGO-600-SEN-EM	ARGO-600-SEN-LP	ARGO-600-SEN
CTP System Compatible		No	Yes	-
DALI*		-	ARGO-600-LP-D2	-
Zoneworks® HIVE*		-	ARGO-600-LP-HVG	-
Carton Quantity		6		
Weight - Single (Carton)		1.6kg (11.5kg)	1.5kg (11.5kg)	1.4kg (9.7kg)
Dimensions (L X W X H)		655mm x 121mm x 88mm		

* For motion sensor version add -SEN to the product code as per following example: ARGO-600-SEN-LP-D2

TECHNICAL SPECIFICATIONS	EMERGENCY (TS)	EMERGENCY (LP)	STANDARD
Construction - Base	UV Stabilised Polycarbonate		
Construction - Diffuser	UV Stabilised Polycarbonate		
Voltage (V) (Frequency (Hz))	220-240V(50Hz)		
Power Consumption (Standby / Max) ♦	(See Table on Next Page)		
Lamp ♦	Dual LED Strip Module		
Luminaire CCT	3000K, 4000K, 5700K Switchable		
Lamp Projected Life (Ta40°C)	Ta40°C; 140,000hrs (L70/B10), 88,000hrs (L80/B10), 43,000hrs (L90/B10)		
Lamp Projected Life (Ta25°C)	Ta25°C; 197,000hrs (L70/B10), 124,000hrs (L80/B10), 59,000hrs (L90/B10)		
Nominal Total Light Output ♦	(See Table on Next Page)		
Ingress Protection Rating (IP)	IP65		
Impact Rating (IK)	IK08		

♦ Please refer to the specific product data sheet for item's specific power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS	EMERGENCY (TS)	EMERGENCY (LP)
Operating Mode	Sustained	
Battery Configuration	Integral	
Battery Type	Lithium Iron Phosphate	
Voltage / mAh	3.2V / 3000mAh	
Charging Method	Intelligent Current Limited Constant Voltage	

CLASSIFICATIONS	EMERGENCY (TS)	EMERGENCY (LP)
C0	D40	D40
C90	D25	D25

SPACING TABLE & MOUNTING HEIGHTS - AS / NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)												
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m
D25	11.5	13.2	14.8	15.7	16.1	16.4	16.8	17.3	17.6	18.1	18.3	18.2
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>

ARGO WEATHERPROOF 600MM

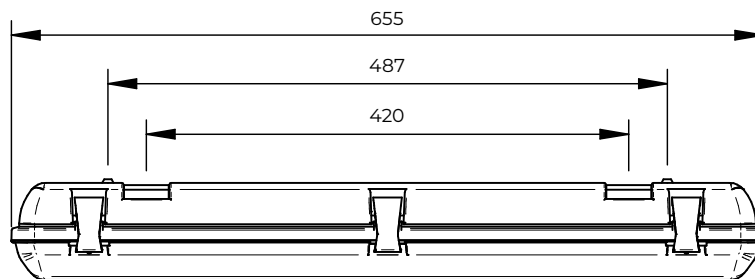
SWITCHABLE COLOUR

NO SENSOR

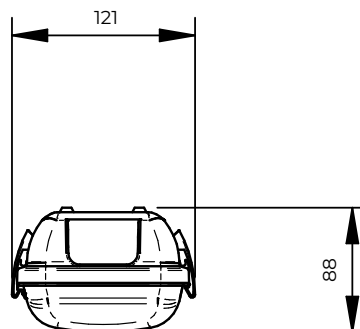
POWER CONSUMPTION	Standby Charge/ Main Lamp On		Main Lamp On	LUMEN OUTPUT			LUMENS / WATT		
	TS	LP		TS	LP	STANDARD	TS	LP	STANDARD
3000K	19.0W	19.0W	19.0W	1950lm	1950lm	1950lm	103lm/W	103lm/W	103lm/W
4000K DEFAULT	18.0W	18.0W	18.0W	2150lm	2150lm	2150lm	119lm/W	119lm/W	119lm/W
5700K	19.0W	19.0W	19.0W	2040lm	2040lm	2040lm	107lm/W	107lm/W	107lm/W

SENSOR

POWER CONSUMPTION	"Standby Charge/ Main Lamp On"		Main Lamp On	"Standby Charge/ Main Lamp On @ Min. 10%"		"Main Lamp On @ Min. 10%"	LUMEN OUTPUT			LUMENS / WATT		
	TS	LP		TS	LP		TS	LP	STANDARD	TS	LP	STANDARD
3000K	20.0W	20.0W	19.0W	2.0W	2.0W	2.0W	1950lm	1950lm	1950lm	97lm/W	97lm/W	103lm/W
4000K DEFAULT	19.0W	19.0W	19.0W	2.0W	2.0W	2.0W	2150lm	2150lm	2150lm	113lm/W	113lm/W	113lm/W
5700K	20.0W	20.0W	19.0W	2.0W	2.0W	2.0W	2040lm	2040lm	2040lm	102lm/W	102lm/W	107lm/W



Dimensions (mm)



ARGO WEATHERPROOF 1200MM

SWITCHABLE COLOUR & DUAL OUTPUT

ORDERING INFORMATION		EMERGENCY (TS)	EMERGENCY (LP)	STANDARD
TEST OPTIONS / PART #	Nominal Size	1200mm	1200mm	1200mm
	Standard	ARGO-1200-EM	ARGO-1200-LP	ARGO-1200
	DALI Driver	ARGO-1200-DD-EM	ARGO-1200-DD-LP	ARGO-1200-DD
	Motion Sensors	ARGO-1200-SEN-EM	ARGO-1200-SEN-LP	ARGO-1200-SEN
	CTP System Compatible	No	Yes	-
	DALI*	-	ARGO-1200-LP-D2	-
	Zoneworks® HIVE*	-	ARGO-1200-LP-HVG	-
Carton Quantity		4		
Weight - Single (Carton)		2.8kg (12.8kg)	2.8kg (12.8kg)	2.5kg (11.8 kg)
Dimensions (L X W X H)		1265mm x 121mm x 88mm		

* For motion sensor version add -SEN to the product code as per following example: ARGO-1200-SEN-LP-D2

TECHNICAL SPECIFICATIONS	EMERGENCY (TS)	EMERGENCY (LP)	STANDARD
Construction - Base	UV Stabilised Polycarbonate		
Construction - Diffuser	UV Stabilised Polycarbonate		
Voltage (V) (Frequency (Hz))	220-240V(50Hz)		
Power Consumption (Standby / Max) ♦	(See Table on Next Page)		
Lamp ♦	Dual LED Strip Module		
Lamp(s) CCT	3000K, 4000K, 5700K Switchable		
Lamp Projected Life (Ta40°C)	Ta40°C; 140,000hrs (L70/B10), 88,000hrs (L80/B10), 43,000hrs (L90/B10)		
Lamp Projected Life (Ta25°C)	Ta25°C; 197,000hrs (L70/B10), 124,000hrs (L80/B10), 59,000hrs (L90/B10)		
Nominal Total Light Output ♦	(See Table on Next Page)		
Ingress Protection Rating (IP)	IP65		
Impact Rating (IK)	IK08		
Energy Approvals	IPART/VEU		

♦ Please refer to the specific product data sheet for item's specific power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS	EMERGENCY (TS)	EMERGENCY (LP)
Operating Mode	Sustained	
Battery Configuration	Integral	
Battery Type	Lithium Iron Phosphate	
Voltage / mAh	3.2V / 3000mAh	3.2V / 6400mAh
Charging Method	Intelligent Current Limited Constant Voltage	

CLASSIFICATIONS	EMERGENCY (TS)	EMERGENCY (LP)
C0	D50	D63
C90	D32	D40

SPACING TABLE & MOUNTING HEIGHTS - AS / NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)												
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m
D32	11.5	13.2	14.8	16.5	17.6	18.0	18.5	19.0	19.5	20.1	20.5	20.7
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0
D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4
D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28.0

† Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

ARGO WEATHERPROOF 1200MM

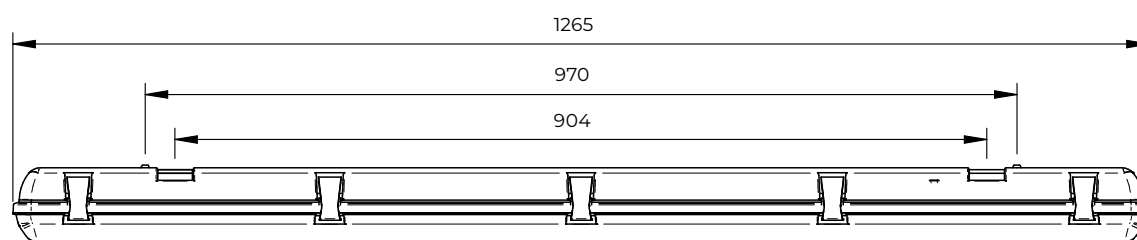
SWITCHABLE COLOUR & DUAL OUTPUT

NO SENSOR

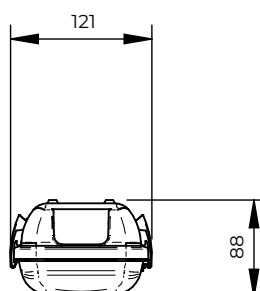
POWER CONSUMPTION		Standby Charge/ Main Lamp On		Main Lamp On		LUMEN OUTPUT			LUMENS / WATT		
OUTPUT 2 (700mA)	TS	LP	STANDARD	TS	LP	STANDARD	TS	LP	STANDARD		
3000K	39.2W	38.0W	38.6W	4190lm	3819lm	4190lm	107lm/W	100lm/W	108lm/W		
4000K DEFAULT	37.4W	36.0W	36.8W	4608lm	4318lm	4608lm	123lm/W	120lm/W	125lm/W		
5700K	38.9W	38.0W	38.3W	4350lm	4100lm	4350lm	112lm/W	108lm/W	113lm/W		
OUTPUT 1 (350mA)											
3000K	19.1W	20.0W	18.2W	2282lm	2260lm	2282lm	119lm/W	113lm/W	125lm/W		
4000K	18.6W	19.0W	18.7W	2412lm	2431lm	2412lm	130lm/W	128lm/W	129lm/W		
5700K	19.0W	20.0W	18.6W	2355lm	2400lm	2355lm	124lm/W	120lm/W	126lm/W		

SENSOR

POWER CONSUMPTION	"Standby Charge / Main Lamp On"		Main Lamp On	"Standby Charge / Main Lamp On @ Min. 10%"		"Main Lamp On @ Min. 10%"	LUMEN OUTPUT			LUMENS / WATT			
	OUTPUT 2 (700mA)	TS	LP	STANDARD	TS	LP	STANDARD	TS	LP	STANDARD	TS	LP	STANDARD
3000K		38.3W	39.0W	38.0W	3.1W	3.0W	2.7W	4137lm	3819lm	4137lm	108lm/W	98lm/W	109lm/W
4000K DEFAULT		36.4W	37.0W	36.1W	3.1W	3.0W	2.7W	4529lm	4318lm	4529lm	124lm/W	116lm/W	125lm/W
5700K		37.9W	39.0W	37.6W	3.1W	3.0W	2.7W	4282lm	4100lm	4282lm	114lm/W	105lm/W	114lm/W



Dimensions (mm)



The product details described in this document are current as at the version date of the document. We reserve the right to change product design, specifications or materials (Specifications) as part of our continuous improvement program. Images are indicative only. Please confirm the applicable Specifications at the time of placing your order.

ARGO WEATHERPROOF 1500MM

SWITCHABLE COLOUR & DUAL OUTPUT

ORDERING INFORMATION		EMERGENCY (TS)	EMERGENCY (LP)	STANDARD
Nominal Size		1500mm	1500mm	1500mm
Standard		ARGO-1500-EM	ARGO-1500-LP	ARGO-1500
TEST OPTIONS / PART #				
DALI Driver		No		
Motion Sensors		ARGO-1500-SEN-EM	ARGO-1500-SEN-LP	ARGO-1500-SEN
CTP System Compatible		No	Yes	-
DALI*		-	ARGO-1500-LP-D2	-
Zoneworks® HIVE*		-	ARGO-1500-LP-HVG	-
Carton Quantity		4		
Weight - Single (Carton)		3.1kg (13.1kg)	3.1kg (13.1kg)	2.8kg (12kg)
Dimensions (L X W X H)		1565mm x 121mm x 88mm		

* For motion sensor version add -SEN to the product code as per following example: ARGO-1500-SEN-LP-D2

TECHNICAL SPECIFICATIONS	EMERGENCY (TS)	EMERGENCY (LP)	STANDARD
Construction - Base	UV Stabilised Polycarbonate		
Construction - Diffuser	UV Stabilised Polycarbonate		
Voltage (V) (Frequency (Hz))	220-240V(50Hz)		
Power Consumption (Standby / Max) ♦	(See Table on Next Page)		
Lamp ♦	Dual LED Strip Module		
Lamp(s) CCT	3000K, 4000K, 5700K Switchable		
Lamp Projected Life (Ta40°C)	Ta40°C; 140,000hrs (L70/B10), 88,000hrs (L80/B10), 43,000hrs (L90/B10)		
Lamp Projected Life (Ta25°C)	Ta25°C; 195,000hrs (L70/B10), 122,000hrs (L80/B10), 58,000hrs (L90/B10)		
Nominal Total Light Output ♦	(See Table on Next Page)		
Ingress Protection Rating (IP)	IP65		
Impact Rating (IK)	IK08		
Energy Approvals	-		

♦ Please refer to the specific product data sheet for item's specific power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS	EMERGENCY (TS)	EMERGENCY (LP)
Operating Mode	Sustained	
Battery Configuration	Integral	
Battery Type	Lithium Iron Phosphate	
Voltage / mAh	3.2V / 3000mAh	3.2V / 6400mAh
Charging Method	Intelligent Current Limited Constant Voltage	

CLASSIFICATIONS	EMERGENCY (TS)	EMERGENCY (LP)
C0	D50	D63
C90	D32	D40

SPACING TABLE & MOUNTING HEIGHTS - AS / NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)												
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m
D32	11.5	13.2	14.8	16.5	17.6	18.0	18.5	19.0	19.5	20.1	20.5	20.7
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0
D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4
D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28.0

ⓘ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

ARGO WEATHERPROOF 1500MM

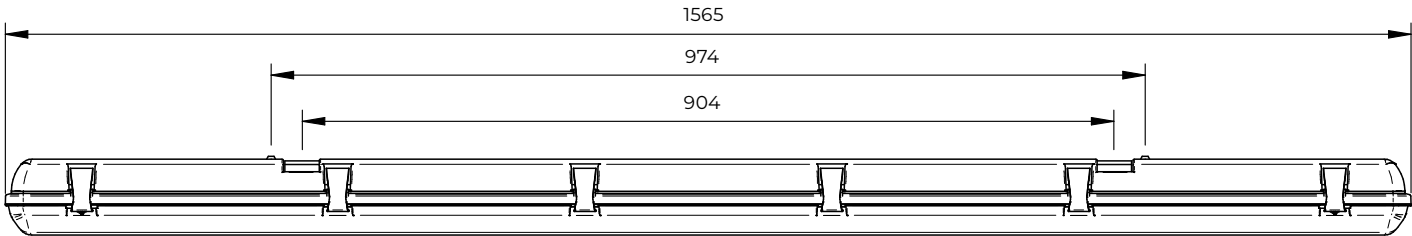
SWITCHABLE COLOUR & DUAL OUTPUT

NO SENSOR

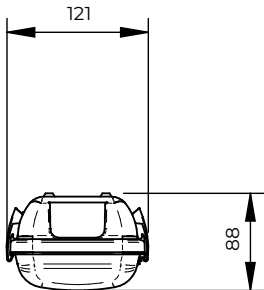
POWER CONSUMPTION	Standby Charge/ Main Lamp On		Main Lamp On	LUMEN OUTPUT			LUMENS / WATT			
	OUTPUT (1200mA)	TS	LP	STANDARD	TS	LP	STANDARD	TS	LP	STANDARD
3000K		56.5W		56.1W	5904lm		5904lm	104lm/W		105lm/W
4000K DEFAULT		53.6W		52.7W	6244lm		6244lm	116lm/W		118lm/W
5700K		56.5W		56.5W	5631lm		5631lm	100lm/W		100lm/W

SENSOR

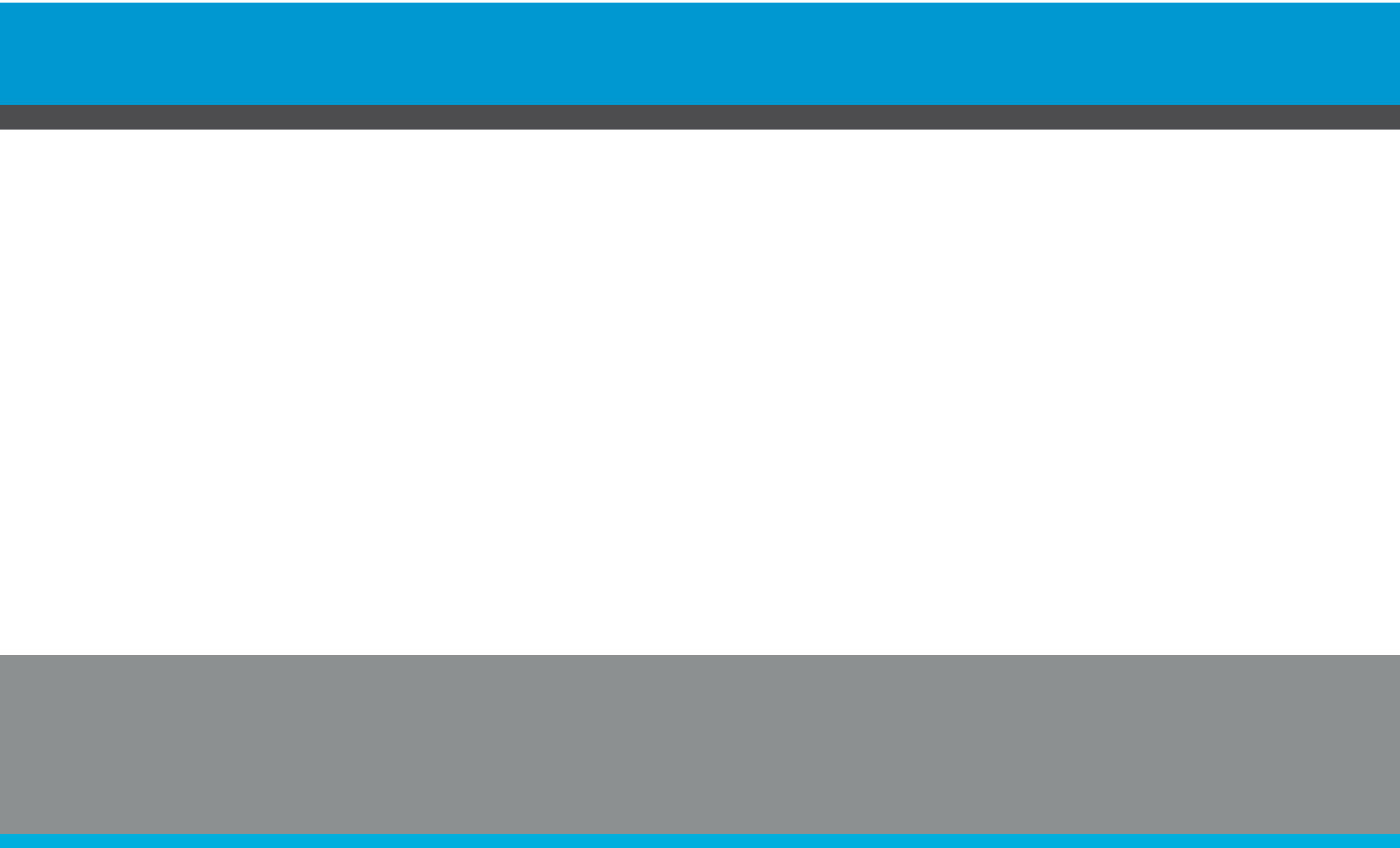
POWER CONSUMPTION	"Standby Charge / Main Lamp On"		Main Lamp On	"Standby Charge / Main Lamp On @ Min. 10%"		"Main Lamp On @ Min. 10%"	LUMEN OUTPUT			LUMENS / WATT			
	OUTPUT (1200mA)	TS	LP	STANDARD	TS	LP	STANDARD	TS	LP	STANDARD	TS	LP	STANDARD
3000K		58.2W		57.8W	9.7W	11.1W	8.4W	5904lm		5904lm	101lm/W		102lm/W
4000K DEFAULT		54.6W		54.2W	9.5W	10.9W	8.2W	6244lm		6244lm	114lm/W		115lm/W
5700K		57.8W		57.4W	9.6W	11.0W	8.3W	5631lm		5631lm	97lm/W		98lm/W



Dimensions (mm)



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ARGONAUT PLUS WEATHERPROOF

ARGONAUT PLUS

High Spec & Efficiency, Switchable Colour & Dual Output

The Argonaut Plus Weatherproof range is designed for high spec applications requiring ultimate efficiency and longer LED lifetime. Featuring switchable colour and dual output, they adapt to your application requirements with the flick of a switch.

Backed by Clevertronics support, service and warranty, the batten range is available as a Standard or Emergency LP or L10 Nanophosphate with monitoring capabilities including Zoneworks HIVE, DALI, and CTP, now also available with HIVE Combine Lighting Control.

Applications



Car Parks



Corridors



Stairwells



Back of House



Fire Stairs

Emergency Range

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®

*1200mm Standard Batten, varies by model.

Features and Benefits

- High efficiency @ 137 lm/W*
- Switchable colour (3000K / 4000K / 5700K)
- Switchable output (varies by model)
- IP65 Ingress rating
- Long life, energy efficient LED strip module
- Large terminal block for easy installation
- Lithium Iron Phosphate or Nanophosphate® battery
- Emergency pod for maximum in-service life and lowest maintenance cost
- Emergency integral battery option also available
- Up to D80 emergency classification
- AS/NZS 2293.3 compliant



ARGONAUT PLUS WEATHERPROOF 600MM

HIGH SPEC & EFFICIENCY, SWITCHABLE COLOUR

ORDERING INFORMATION		EMERGENCY (LP)		EMERGENCY (L10)	STANDARD
Nominal Size	600mm ①	600mm ②	600mm ②	600mm ②	600mm ①
Standard	ARGOPLUS-600-LP	ARGOPLUS-600-LPPOD	ARGOPLUS-600-L10POD	ARGOPLUS-600	
DALI Driver	ARGOPLUS-600-DD-LP	ARGOPLUS-600-DD-LPPOD	ARGOPLUS-600-DD-L10POD	ARGOPLUS-600-DD	
Motion Sensors	ARGOPLUS-600-SEN-LP	ARGOPLUS-600-SEN-LPPOD	ARGOPLUS-600-SEN-L10POD	ARGOPLUS-600-SEN	
CTP System Compatible	Yes				-
DALI*	ARGOPLUS-600-LP-D2	ARGOPLUS-600-LPPOD-D2	ARGOPLUS-600-L10POD-D2		-
Zoneworks® HIVE*	ARGOPLUS-600-LP-HVG	ARGOPLUS-600-LPPOD-HVG	ARGOPLUS-600-L10POD-HVG		-
Zoneworks® HIVE Combine	ARGOPLUS-600-CC-LP-HVG	ARGOPLUS-600-CC-LPPOD-HVG	ARGOPLUS-600-CC-L10POD-HVG		ARGOPLUS-600-CC
Carton Quantity	1				
Weight	1.7kg	2.0kg	2.0kg		1.4kg
Dimensions (L X W X H)	655mm x 160mm x 105mm	720mm x 160mm x 105mm	720mm x 160mm x 105mm		655mm x 160mm x 105mm

* For motion sensors add -SEN to the product code as per following example: ARGOPLUS-600-SEN-LP-D2

TECHNICAL SPECIFICATIONS	EMERGENCY (LP)	EMERGENCY (L10)	STANDARD
Construction - Base	UV Stabilised Polycarbonate		
Construction - Diffuser	UV Stabilised Polycarbonate		
Voltage (V) (Frequency (Hz))	220-240V (50Hz)		
Lamp ♦	LED Strip Module		
Luminaire CCT	3000K, 4000K, 5700K Switchable		
Lamp Projected Life (Ta40°C)	Ta40°C; 141,000hrs (L70/B10), 89,000hrs (L80/B10), 43,000hrs (L90/B10)		
Lamp Projected Life (Ta25°C)	Ta25°C; 199,000hrs (L70/B10), 125,000hrs (L80/B10), 60,000hrs (L90/B10)		
Power Consumption & Light Output	(See Table on Next Page)		
Ingress Protection Rating (IP)	IP65		
Impact Rating (IK)	IK08		

♦ Please refer to the specific product data sheet for item's specific power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS	EMERGENCY (LP)		EMERGENCY (L10)
Operating Mode	Sustained		
Battery Configuration	Integral	POD	POD
Battery Type	Lithium Iron Phosphate		Lithium Nanophosphate
Voltage (V) / Capacity (mAh)	3.2V / 6400mAh	3.2V / 6400mAh	3.3V / 5000mAh
Charging Method	Intelligent Current Limited Constant Voltage		

CLASSIFICATIONS	EMERGENCY (LP)		EMERGENCY (L10)
C0	D40	D80	D80
C90	D25	D80	D80

SPACING TABLE & MOUNTING HEIGHTS - AS / NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)												
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m
D25	11.5	13.2	14.8	15.7	16.1	16.4	16.8	17.3	17.6	18.1	18.3	18.2
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0
D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9

■ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>

ARGONAUT PLUS WEATHERPROOF 600MM

HIGH SPEC & EFFICIENCY, SWITCHABLE COLOUR

NO SENSOR

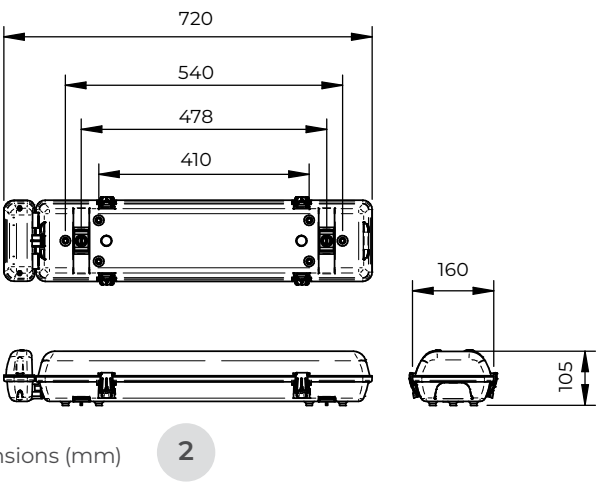
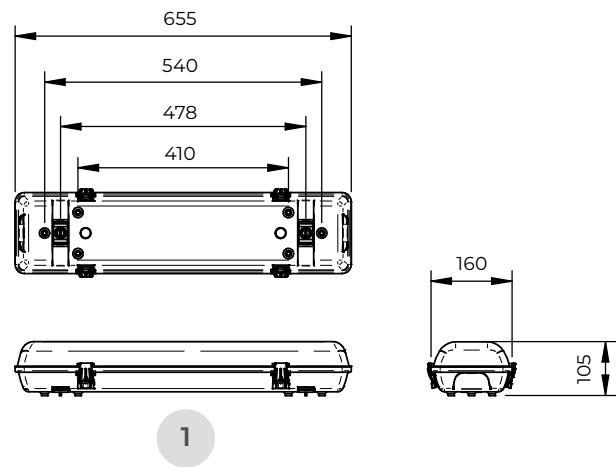
POWER CONSUMPTION	Standby Charge/ Main Lamp On		Main Lamp On	LUMEN OUTPUT			LUMENS / WATT			
	OUTPUT (700mA)	LP	L10	STANDARD	LP	L10	STANDARD	LP	L10	STANDARD
3000K		18.4W		18.0W		2192 lm		2192 lm	119 lm/W	122 lm/W
4000K DEFAULT		17.8W		17.4W		2351 lm		2351 lm	132 lm/W	135 lm/W
5700K		18.4W		18.0W		2304 lm		2304 lm	125 lm/W	128 lm/W

SENSOR

POWER CONSUMPTION	Standby Charge/ Main Lamp On		Main Lamp On	Standby Charge / Main Lamp On @ Min 10%		Main Lamp On @ Min 10%	LUMEN OUTPUT			LUMENS / WATT			
	OUTPUT (700mA)	LP	L10	STANDARD	LP	L10	STANDARD	LP	L10	STANDARD	LP	L10	STANDARD
3000K		19.0W		18.6W		2.8W		2.4W	2192 lm	2192 lm	115 lm/W		118 lm/W
4000K DEFAULT		18.3W		17.9W		2.9W		2.5W	2351 lm	2351 lm	129 lm/W		131 lm/W
5700K		19.0W		18.6W		2.8W		2.4W	2304 lm	2304 lm	121 lm/W		124 lm/W

Product Configuration:

- 1 600mm No Pod
- 2 600mm With Pod



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ARGONAUT PLUS WEATHERPROOF 1200MM

HIGH SPEC & EFFICIENCY, SWITCHABLE COLOUR & DUAL OUTPUT

ORDERING INFORMATION		EMERGENCY (LP)		EMERGENCY (L10)	STANDARD
Nominal Size		1200mm ①	1200mm ②	1200mm ②	1200mm ①
TESTOPTIONS / PART #	Standard	ARGOPLUS-1200-LP	ARGOPLUS-1200-LPPOD	ARGOPLUS-1200-L10POD	ARGOPLUS-1200
	DALI Driver	ARGOPLUS-1200-DD-LP	ARGOPLUS-1200-DD-LPPOD	ARGOPLUS-1200-DD-L10POD	ARGOPLUS-1200-DD
	Motion Sensors	ARGOPLUS-1200-SEN-LP	ARGOPLUS-1200-SEN-LPPOD	ARGOPLUS-1200-SEN-L10POD	ARGOPLUS-1200-SEN
	CTP System Compatible	Yes			-
	DALI*	ARGOPLUS-1200-LP-D2	ARGOPLUS-1200-LPPOD-D2	ARGOPLUS-1200-L10POD-D2	-
	Zoneworks® HIVE*	ARGOPLUS-1200-LP-HVG	ARGOPLUS-1200-LPPOD-HVG	ARGOPLUS-1200-L10POD-HVG	-
	Zoneworks® HIVE Combine	ARGOPLUS-1200-CC-LP-HVG	ARGOPLUS-1200-CC-LPPOD-HVG	ARGOPLUS-1200-CC-L10POD-HVG	ARGOPLUS-1200-CC
	Carton Quantity	1			
Weight	2.9kg	3.2kg	3.2kg	2.7kg	
Dimensions (L X W X H)	1265mm x 160mm x 105mm	1330mm x 160mm x 105mm	1330mm x 160mm x 105mm	1265mm x 160mm x 105mm	

* For motion sensors add -SEN to the product code as per following example: ARGOPLUS-1200-SEN-LP-D2

TECHNICAL SPECIFICATIONS	EMERGENCY (LP)	EMERGENCY (L10)	STANDARD
Construction - Base	UV Stabilised Polycarbonate		
Construction - Diffuser	UV Stabilised Polycarbonate		
Voltage (V) (Frequency (Hz))	220-240V (50Hz)		
Lamp ♦	LED Strip Module		
Luminaire CCT			
Lamp Projected Life (Ta40°C)	Ta40°C; 143,000hrs (L70/B10), 90,000hrs (L80/B10), 43,000hrs (L90/B10)		
Lamp Projected Life (Ta25°C)	Ta25°C; 202,000hrs (L70/B10), 127,000hrs (L80/B10), 61,000hrs (L90/B10)		
Power Consumption & Light Output	(See Table on Next Page)		
Ingress Protection Rating (IP)	IP65		
Impact Rating (IK)	IK08		

♦ Please refer to the specific product data sheet for item's specific power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS	EMERGENCY (LP)		EMERGENCY (L10)
Operating Mode	Sustained		
Battery Configuration	Integral	POD	POD
Battery Type	Lithium Iron Phosphate		Lithium Nanophosphate
Voltage (V) / Capacity (mAh)	3.2V / 6400mAh		3.3V / 5000mAh
Charging Method	Intelligent Current Limited Constant Voltage		

CLASSIFICATIONS	EMERGENCY (LP)		EMERGENCY (L10)
C0	D63	D80	D80
C90	D40	D80	D80

SPACING TABLE & MOUNTING HEIGHTS - AS / NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)												
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0
D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28.0
D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9

ⓘ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>

ARGONAUT PLUS WEATHERPROOF 1200MM

HIGH SPEC & EFFICIENCY, SWITCHABLE COLOUR & DUAL OUTPUT

NO SENSOR

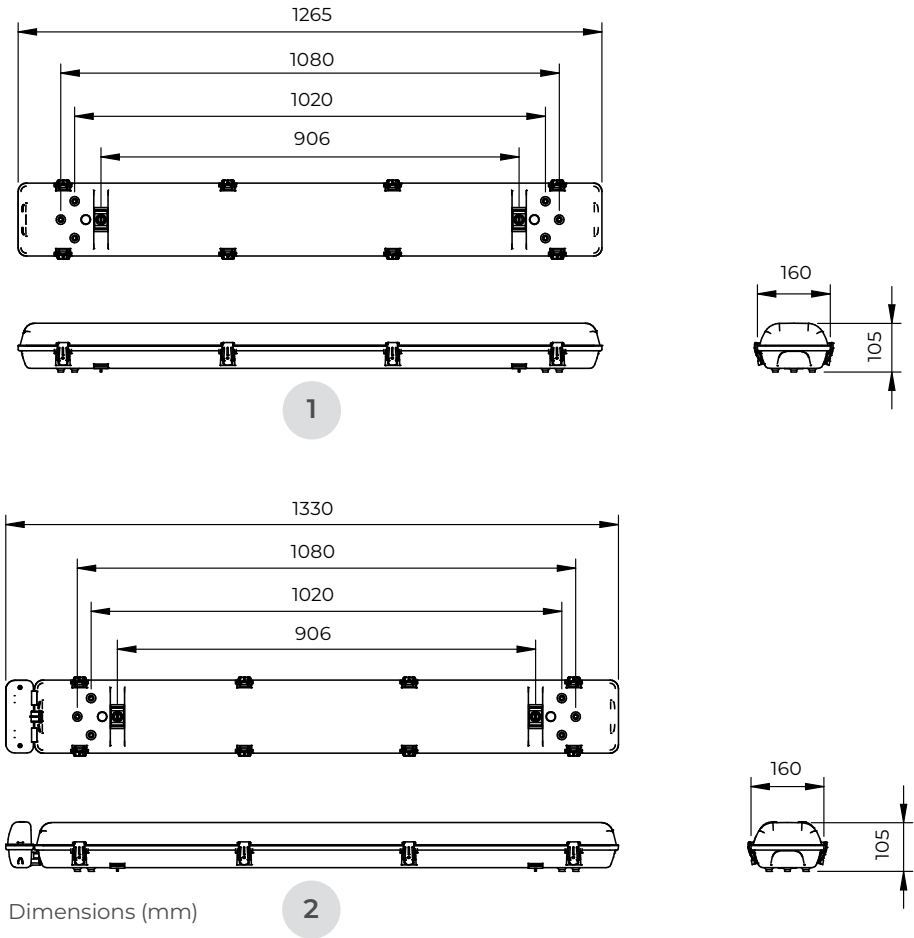
POWER CONSUMPTION	Standby Charge/ Main Lamp On		Main Lamp On	LUMEN OUTPUT			LUMENS / WATT				
	OUTPUT 2 (650mA)	LP	L10	STANDARD	LP	L10	STANDARD	LP	L10	STANDARD	
3000K		33.7W		33.3W		4145 lm		4145 lm		123 lm/W	125 lm/W
4000K DEFAULT		32.6W		32.2W		4420 lm		4420 lm		136 lm/W	137 lm/W
5700K		33.6W		33.2W		4322 lm		4322 lm		129 lm/W	130 lm/W
OUTPUT 1 (350mA)											
3000K		19.2W		18.8W		2432 lm		2432 lm		127 lm/W	129 lm/W
4000K		18.8W		18.4W		2549 lm		2549 lm		136 lm/W	139 lm/W
5700K		19.1W		18.7W		2533 lm		2533 lm		133 lm/W	136 lm/W

SENSOR

POWER CONSUMPTION				Standby Charge / Main Lamp On @ Min 10%		Main Lamp On @ Min 10%		LUMEN OUTPUT			LUMENS / WATT		
OUTPUT (650mA)	LP	L10	STANDARD	LP	L10	STANDARD	LP	L10	STANDARD	LP	L10	STANDARD	
3000K	34.3W		33.9W	7.5W		4.8W	4145 lm		4145 lm	121 lm/W		122 lm/W	
4000K DEFAULT	33.2W		32.8W	4.9W		4.5W	4420 lm		4420 lm	133 lm/W		135 lm/W	
5700K	34.1W		33.7W	5.1W		4.7W	4322 lm		4322 lm	127 lm/W		128 lm/W	

Product Configuration:

- 1 1200mm No Pod
- 2 1200mm With Pod



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ARGONAUT PLUS WEATHERPROOF 1500MM

HIGH SPEC & EFFICIENCY, SWITCHABLE COLOUR

ORDERING INFORMATION		EMERGENCY (LP)		EMERGENCY (L10)	STANDARD
Nominal Size	1500mm ①	1500mm ②	1500mm ②	1500mm ②	1500mm ①
Standard	ARGOPLUS-1500-LP	ARGOPLUS-1500-LPPOD	ARGOPLUS-1500-L10POD	ARGOPLUS-1500	ARGOPLUS-1500
DALI Driver	ARGOPLUS-1500-DD-LP	ARGOPLUS-1500-DD-LPPOD	ARGOPLUS-1500-DD-L10POD	ARGOPLUS-1500-DD	ARGOPLUS-1500-DD
Motion Sensors	ARGOPLUS-1500-SEN-LP	ARGOPLUS-1500-SEN-LPPOD	ARGOPLUS-1500-SEN-L10POD	ARGOPLUS-1500-SEN	ARGOPLUS-1500-SEN
CTP System Compatible	Yes				-
DALI*	ARGOPLUS-1500-LP-D2	ARGOPLUS-1500-LPPOD-D2	ARGOPLUS-1500-L10POD-D2	ARGOPLUS-1500-L10POD-D2	-
Zoneworks® HIVE*	ARGOPLUS-1500-LP-HVG	ARGOPLUS-1500-LPPOD-HVG	ARGOPLUS-1500-L10POD-HVG	ARGOPLUS-1500-L10POD-HVG	-
Zoneworks® HIVE Combine	ARGOPLUS-1500-CC-LP-HVG	ARGOPLUS-1500-CC-LPPOD-HVG	ARGOPLUS-1500-CC-L10POD-HVG	ARGOPLUS-1500-CC-L10POD-HVG	ARGOPLUS-1500-CC
Carton Quantity	1				
Weight	3.6kg	3.9kg	3.9kg	3.9kg	3.3kg
Dimensions (L X W X H)	1565mm x 160mm x 105mm	1630mm x 160mm x 105mm	1630mm x 160mm x 105mm	1630mm x 160mm x 105mm	1565mm x 160mm x 105mm

* For motion sensors add -SEN to the product code as per following example: ARGOPLUS-1500-SEN-LP-D2

TECHNICAL SPECIFICATIONS	EMERGENCY (LP)	EMERGENCY (L10)	STANDARD
Construction - Base	UV Stabilised Polycarbonate		
Construction - Diffuser	UV Stabilised Polycarbonate		
Voltage (V) (Frequency (Hz))	220-240V (50Hz)		
Lamp ♦	LED Strip Module		
Luminaire CCT	3000K, 4000K, 5700K Switchable		
Lamp Projected Life (Ta40°C)	Ta40°C; 141,000hrs (L70/B10), 89,000hrs (L80/B10), 43,000hrs (L90/B10)		
Lamp Projected Life (Ta25°C)	Ta25°C; 199,000hrs (L70/B10), 125,000hrs (L80/B10), 60,000hrs (L90/B10)		
Power Consumption & Light Output	(See Table on Next Page)		
Ingress Protection Rating (IP)	IP65		
Impact Rating (IK)	IK08		

♦ Please refer to the specific product data sheet for item's specific power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS	EMERGENCY (LP)		EMERGENCY (L10)
Operating Mode	Sustained		
Battery Configuration	Integral	POD	POD
Battery Type	Lithium Iron Phosphate		Lithium Nanophosphate
Voltage (V) / Capacity (mAh)	3.2V / 6400mAh		3.3V / 5000mAh
Charging Method	Intelligent Current Limited Constant Voltage		

CLASSIFICATIONS	EMERGENCY (LP)		EMERGENCY (L10)
C0	D63	D80	D80
C90	D40	D80	D80

SPACING TABLE & MOUNTING HEIGHTS - AS / NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)												
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0
D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28.0
D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9

ⓘ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>

ARGONAUT PLUS WEATHERPROOF 1500MM

HIGH SPEC & EFFICIENCY, SWITCHABLE COLOUR

NO SENSOR

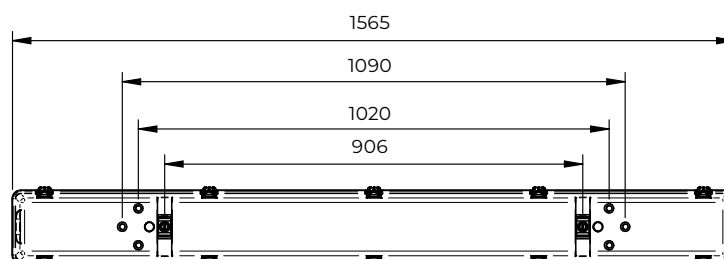
POWER CONSUMPTION	Standby Charge/ Main Lamp On		Main Lamp On	LUMEN OUTPUT			LUMENS / WATT		
	LP	L10		LP	L10	STANDARD	LP	L10	STANDARD
3000K	49.3W		48.9W		5877 lm	5877 lm	119 lm/W		120 lm/W
4000K DEFAULT	47.5W		47.1W		6337 lm	6337 lm	133 lm/W		135 lm/W
5700K	49.2W		48.8W		6185 lm	6185 lm	126 lm/W		127 lm/W

SENSOR

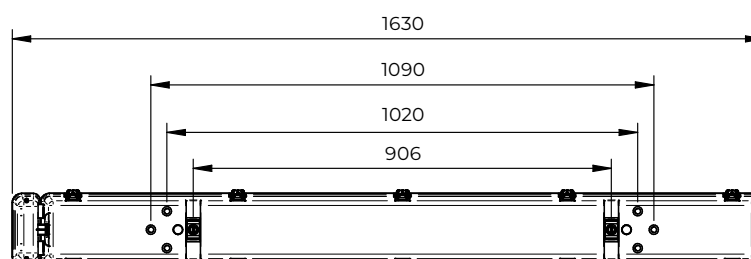
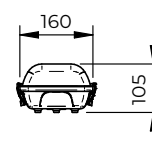
POWER CONSUMPTION	Standby Charge/ Main Lamp On		Main Lamp On	Standby Charge / Main Lamp On @ Min 10%		Main Lamp On @ Min 10%	LUMEN OUTPUT			LUMENS / WATT		
	LP	L10		LP	L10		LP	L10	STANDARD	LP	L10	STANDARD
3000K	48.3W		47.9 W	7.1W		6.7W	5877 lm		5877 lm	122 lm/W		123 lm/W
4000K DEFAULT	46.7W		46.3W	7.0W		6.6W	6337 lm		6337 lm	136 lm/W		137 lm/W
5700K	48.1W		47.7W	7.1W		6.7W	6185 lm		6185 lm	129 lm/W		130 lm/W

Product Configuration:

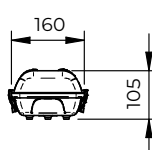
- 1 1500mm No Pod
- 2 1500mm With Pod



1



2



Dimensions (mm)

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ARGONAUT PRO WEATHERPROOF



Ultimate Spec & Efficiency, Configurable Quad Output*

The Argonaut Pro Weatherproof range is designed to maximise LED efficiency with the highest product performance and LED lifetime. Featuring configurable quad output, they maximise efficiency by delivering up to 152lm/W.

Backed by Clevertronics support, service and warranty, the batten range is available as a Standard or Emergency LP or L10 Nanophosphate with monitoring capabilities including Zoneworks HIVE, DALI and CTP. Now also available with Hive Combine lighting control.

Applications



Emergency Range

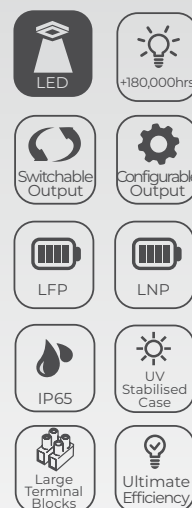
LP LITHIUM IRON PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM NANOPHOSPHATE*
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE*

*1200mm Standard Batten, varies by model.

Features and Benefits

- Ultimate efficiency @ 152 lm/W*
- Configurable quad output (varies by model)
- IP65 Ingress rating
- Long life, energy efficient LED strip module
- Large terminal block for easy installation
- Lithium Iron Phosphate or Nanophosphate® battery
- Emergency pod for maximum in-service life and lowest maintenance cost
- Emergency integral battery option also available
- Up to D80 emergency classification
- AS/NZS 2293.3 compliant



ARGONAUT PRO WEATHERPROOF 600MM

ULTIMATE SPEC & EFFICIENCY

ORDERING INFORMATION		EMERGENCY (LP)		EMERGENCY (L10)	STANDARD
Nominal Size		600mm ①	600mm ②	600mm ②	600mm ①
Standard		ARGOPRO-600-LP	ARGOPRO-600-LPPOD	ARGOPRO-600-L10POD	ARGOPRO-600
DALI Driver		ARGOPRO-600-DD-LP	ARGOPRO-600-DD-LPPOD	ARGOPRO-600-DD-L10POD	ARGOPRO-600-DD
Motion Sensors		ARGOPRO-600-SEN-LP	ARGOPRO-600-SEN-LPPOD	ARGOPRO-600-SEN-L10POD	ARGOPRO-600-SEN
CTP System Compatible		Yes			-
DALI*		ARGOPRO-600-LP-D2	ARGOPRO-600-LPPOD-D2	ARGOPRO-600-L10POD-D2	-
Zoneworks® HIVE*		ARGOPRO-600-LP-HVG	ARGOPRO-600-LPPOD-HVG	ARGOPRO-600-L10POD-HVG	-
Zoneworks® HIVE Combine		ARGOPRO-600-CC-LP-HVG	ARGOPRO-600-CC-LPPOD-HVG	ARGOPRO-600-CC-L10POD-HVG	ARGOPRO-600-CC
Carton Quantity		1			
Weight		1.7kg	2.0kg	2.0kg	1.4kg
Dimensions (L X W X H)		655mm x 160mm x 105mm	720mm x 160mm x 105mm	720mm x 160mm x 105mm	655mm x 160mm x 105mm

* For motion sensors add -SEN to the product code as per following example: ARGOPRO-600-SEN-LP-D2

TECHNICAL SPECIFICATIONS	EMERGENCY (LP)	EMERGENCY (L10)	STANDARD
Construction - Base	UV Stabilised Polycarbonate		
Construction - Diffuser	UV Stabilised Polycarbonate		
Voltage (V) (Frequency (Hz))	220-240V (50Hz)		
Lamp ♦	LED Strip Module		
Luminaire CCT	4000K Ra(CRI) >80		
Lamp Projected Life (Ta40°C)	Ta40°C; 143,000hrs (L70/B10), 90,000hrs (L80/B10), 43,000hrs (L90/B10)		
Lamp Projected Life (Ta25°C)	Ta25°C; 202,000hrs (L70/B10), 127,000hrs (L80/B10), 61,000hrs (L90/B10)		
Power Consumption & Light Output	(See Table on Next Page)		
Ingress Protection Rating (IP)	IP65		
Impact Rating (IK)	IK08		

♦ Please refer to the specific product data sheet for item's specific power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS	EMERGENCY (LP)		EMERGENCY (L10)
Operating Mode	Sustained		
Battery Configuration	Integral	POD	POD
Battery Type	Lithium Iron Phosphate		Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)	3.2V / 6400mAh		3.3V / 5000mAh
Charging Method	Intelligent Current Limited Constant Voltage		

CLASSIFICATIONS	EMERGENCY (LP)		EMERGENCY (L10)
C0	D63	D80	D80
C90	D40	D80	D80

SPACING TABLE & MOUNTING HEIGHTS - AS / NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)												
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0
D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28.0
D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9

† Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>

ARGONAUT PRO WEATHERPROOF 600MM

ULTIMATE SPEC & EFFICIENCY

NO SENSOR

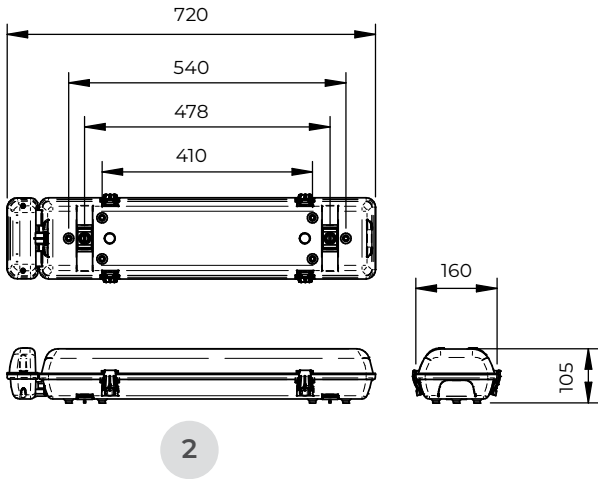
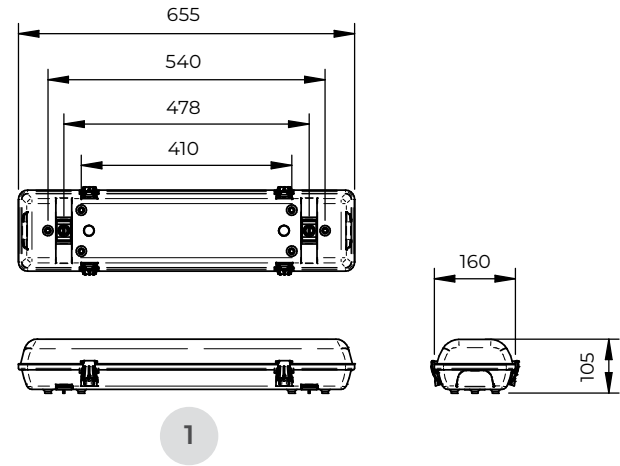
POWER CONSUMPTION	Standby Charge/ Main Lamp On		Main Lamp On	LUMEN OUTPUT			LUMENS / WATT		
	LP	L10	STANDARD	LP	L10	STANDARD	LP	L10	STANDARD
Output (700mA)	18.7W		18.3W	2564 lm		2564 lm	137 lm/W		140 lm/W

SENSOR

POWER CONSUMPTION	Standby Charge/ Main Lamp On		Main Lamp On	Standby Charge / Main Lamp On @ Min 10%			LUMEN OUTPUT			LUMENS / WATT		
	LP	L10	STANDARD	LP	L10	STANDARD	LP	L10	STANDARD	LP	L10	STANDARD
Output (700mA)	18.4W		18.0W	2.9W		2.5W	2564 lm		2564 lm	139 lm/W		142 lm/W

Product Configuration:

- 1 600mm No Pod
- 2 600mm With Pod



Dimensions (mm)

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ARGONAUT PRO WEATHERPROOF 1200MM

ULTIMATE SPEC & EFFICIENCY, CONFIGURABLE QUAD OUTPUT

ORDERING INFORMATION		EMERGENCY (LP)		EMERGENCY (L10)	STANDARD	
Nominal Size		1200mm ①	1200mm ②	1200mm ②	1200mm ①	
TEST OPTIONS / PART #	Standard	ARGOPRO-1200-LP	ARGOPRO-1200-LPPOD	ARGOPRO-1200-L10POD	ARGOPRO-1200	
	DALI Driver	ARGOPRO-1200-DD-LP	ARGOPRO-1200-DD-LPPOD	ARGOPRO-1200-DD-L10POD	ARGOPRO-1200-DD	
	Motion Sensors	ARGOPRO-1200-SEN-LP	ARGOPRO-1200-SEN-LPPOD	ARGOPRO-1200-SEN-L10POD	ARGOPRO-1200-SEN	
	CTP System Compatible	Yes				-
	DALI*	ARGOPRO-1200-LP-D2	ARGOPRO-1200-LPPOD-D2	ARGOPRO-1200-L10POD-D2	-	
	Zoneworks® HIVE*	ARGOPRO-1200-LP-HVG	ARGOPRO-1200-LPPOD-HVG	ARGOPRO-1200-L10POD-HVG	-	
	Zoneworks® HIVE Combine	ARGOPRO-1200-CC-LP-HVG	ARGOPRO-1200-CC-LPPOD-HVG	ARGOPRO-1200-CC-L10POD-HVG	ARGOPRO-1200-CC	
	Carton Quantity	1				
Weight		2.9kg	3.2kg	3.2kg	2.7kg	
Dimensions (L X W X H)		1265mm x 160mm x 105mm	1330mm x 160mm x 105mm	1330mm x 160mm x 105mm	1265mm x 160mm x 105mm	

* For motion sensors add -SEN to the product code as per following example: ARGOPRO-1200-SEN-LP-D2

TECHNICAL SPECIFICATIONS	EMERGENCY (LP)	EMERGENCY (L10)	STANDARD
Construction - Base	UV Stabilised Polycarbonate		
Construction - Diffuser	UV Stabilised Polycarbonate		
Voltage (V) (Frequency (Hz))	220-240V (50Hz)		
Lamp ♦	LED Strip Module		
Luminaire CCT	4000K Ra(CRI) >80		
Lamp Projected Life (Ta40°C)	Ta40°C; 143,000hrs (L70/B10), 90,000hrs (L80/B10), 43,000hrs (L90/B10)		
Lamp Projected Life (Ta25°C)	Ta25°C; 202,000hrs (L70/B10), 127,000hrs (L80/B10), 61,000hrs (L90/B10)		
Power Consumption & Light Output	(See Table on Next Page)		
Ingress Protection Rating (IP)	IP65		
Impact Rating (IK)	IK08		

♦ Please refer to the specific product data sheet for item's specific power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS	EMERGENCY (LP)		EMERGENCY (L10)
Operating Mode	Sustained		
Battery Configuration	Integral	POD	POD
Battery Type	Lithium Iron Phosphate		Lithium Nanophosphate®
Voltage (V) / Capacity (mAh)	3.2V / 6400mAh		3.3V / 5000mAh
Charging Method	Intelligent Current Limited Constant Voltage		

CLASSIFICATIONS	EMERGENCY (LP)		EMERGENCY (L10)
C0	D63	D80	D80
C90	D40	D80	D80

SPACING TABLE & MOUNTING HEIGHTS - AS / NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)												
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0
D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28.0
D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9

ⓘ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>

ARGONAUT PRO WEATHERPROOF 1200MM

ULTIMATE SPEC & EFFICIENCY, CONFIGURABLE QUAD OUTPUT

NO SENSOR

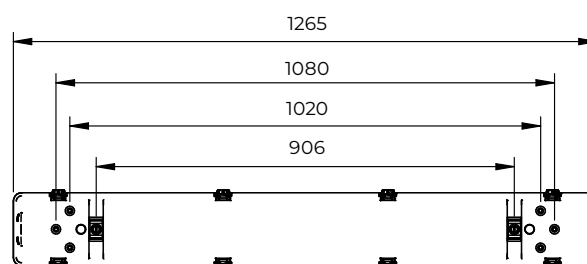
POWER CONSUMPTION	Standby Charge/ Main Lamp On		Main Lamp On	LUMEN OUTPUT			LUMENS / WATT		
	LP	L10		LP	L10	STANDARD	LP	L10	STANDARD
Output 4 (900mA)	42.5W		42.1W	6259 lm		6259 lm	147 lm/W		149 lm/W
Output 3 (750mA)	37.0W		36.6W	5495 lm		5495 lm	149 lm/W		150 lm/W
Output 2 (650mA) DEFAULT	31.1W		30.7W	4660 lm		4660 lm	150 lm/W		152 lm/W
Output 1 (500mA)	24.0W		23.6W	3541 lm		3541 lm	148 lm/W		150 lm/W

SENSOR

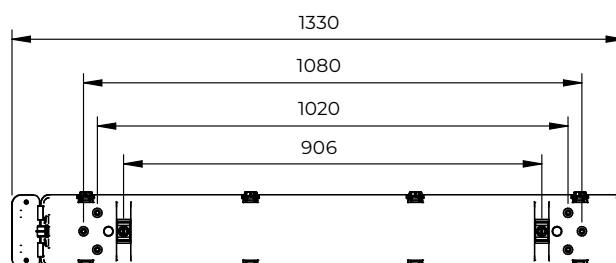
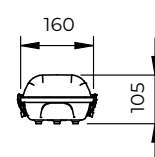
POWER CONSUMPTION	Standby Charge/ Main Lamp On		Main Lamp On	Standby Charge / Main Lamp On @ Min 10%		Main Lamp On @ Min 10%	LUMEN OUTPUT			LUMENS / WATT		
	LP	L10		LP	L10		LP	L10	STANDARD	LP	L10	STANDARD
Output 4 (900mA)	43.1W		42.7W	5.7W		5.3W	6259 lm		6259 lm	145 lm/W		147 lm/W
Output 3 (750mA)	36.7W		36.3W	5.1W		4.7W	5495 lm		5495 lm	150 lm/W		151 lm/W
Output 2 (650mA) DEFAULT	31.3W		30.9W	4.4W		4.0W	4660 lm		4660 lm	149 lm/W		151 lm/W
Output 1 (500mA)	24.5W		24.1W	3.6W		3.2W	3541 lm		3541 lm	146 lm/W		147 lm/W

Product Configuration:

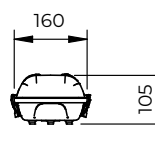
- 1 1200mm No Pod
- 2 1200mm With Pod



1



2



Dimensions (mm)

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ARGONAUT PRO WEATHERPROOF 1500MM

ULTIMATE SPEC & EFFICIENCY, SWITCHABLE DUAL OUTPUT

ORDERING INFORMATION		EMERGENCY (LP)		EMERGENCY (L10)	STANDARD
TEST OPTIONS/ PART #	Nominal Size	1500mm ①	1500mm ②	1500mm ②	1500mm ①
	Standard	ARGOPRO-1500-LP	ARGOPRO-1500-LPPOD	ARGOPRO-1500-L10POD	ARGOPRO-1500
	DALI Driver	ARGOPRO-1500-DD-LP	ARGOPRO-1500-DD-LPPOD	ARGOPRO-1500-DD-L10POD	ARGOPRO-1500-DD
	Motion Sensors	ARGOPRO-1500-SEN-LP	ARGOPRO-1500-SEN-LPPOD	ARGOPRO-1500-SEN-L10POD	ARGOPRO-1500-SEN
	CTP System Compatible	Yes			-
	DALI*	ARGOPRO-1500-LP-D2	ARGOPRO-1500-LPPOD-D2	ARGOPRO-1500-L10POD-D2	-
	Zoneworks® HIVE*	ARGOPRO-1500-LP-HVG	ARGOPRO-1500-LPPOD-HVG	ARGOPRO-1500-L10POD-HVG	-
	Zoneworks® HIVE Combine	ARGOPRO-1500-CC-LP-HVG	ARGOPRO-1500-CC-LPPOD-HVG	ARGOPRO-1500-CC-L10POD-HVG	ARGOPRO-1500-CC
	Carton Quantity	1			
Weight	3.6kg	3.9kg	3.9kg	3.3kg	
Dimensions (L X W X H)	1565mm x 160mm x 105mm	1630mm x 160mm x 105mm	1630mm x 160mm x 105mm	1565mm x 160mm x 105mm	

* For motion sensors add -SEN to the product code as per following example: ARGOPRO-1500-SEN-LP-D2

TECHNICAL SPECIFICATIONS	EMERGENCY (LP)		EMERGENCY (L10)		STANDARD	
	Construction - Base		UV Stabilised Polycarbonate			
	Construction - Diffuser		UV Stabilised Polycarbonate			
	Voltage (V) (Frequency (Hz))		220-240V (50Hz)			
	Lamp ♦		LED Strip Module			
	Luminaire CCT		4000K Ra(CRI) >80			
	Lamp Projected Life (Ta40°C)		Ta40°C; 143,000hrs (L70/B10), 90,000hrs (L80/B10), 43,000hrs (L90/B10)			
	Lamp Projected Life (Ta25°C)		Ta25°C; 202,000hrs (L70/B10), 127,000hrs (L80/B10), 61,000hrs (L90/B10)			
	Power Consumption & Light Output		(See Table on Next Page)			
	Ingress Protection Rating (IP)		IP65			
	Impact Rating (IK)		IK08			

♦ Please refer to the specific product data sheet for item's specific power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS	EMERGENCY (LP)		EMERGENCY (L10)
	Sustained		
	Integral	POD	POD
	Lithium Iron Phosphate		Lithium Nanophosphate®
	3.2V / 6400mAh		3.3V / 5000mAh
	Intelligent Current Limited Constant Voltage		

CLASSIFICATIONS		EMERGENCY (LP)		EMERGENCY (L10)	
C0	D63	D80	D80		
C90	D40	D80	D80		

SPACING TABLE & MOUNTING HEIGHTS - AS / NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)												
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0
D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28.0
D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9

† Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>

ARGONAUT PRO WEATHERPROOF 1500MM

ULTIMATE SPEC & EFFICIENCY, SWITCHABLE DUAL OUTPUT

NO SENSOR

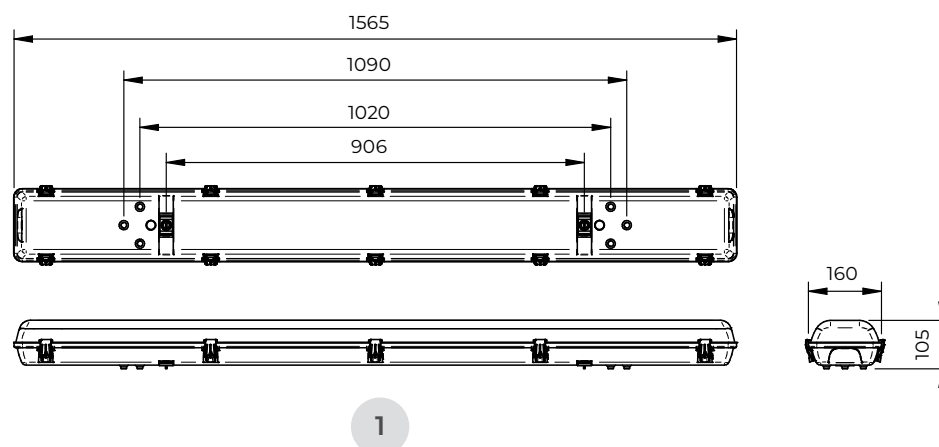
POWER CONSUMPTION	Standby Charge/ Main Lamp On		Main Lamp On	LUMEN OUTPUT			LUMENS / WATT		
	LP	L10		LP	L10	STANDARD	LP	L10	STANDARD
Output 2 (1200mA) DEFAULT	59.1W		58.1W	8498 lm		8498 lm	144 lm/W		146 lm/W
Output 1 (900mA)	44.1W		42.8W	6385 lm		6385 lm	145 lm/W		149 lm/W

SENSOR

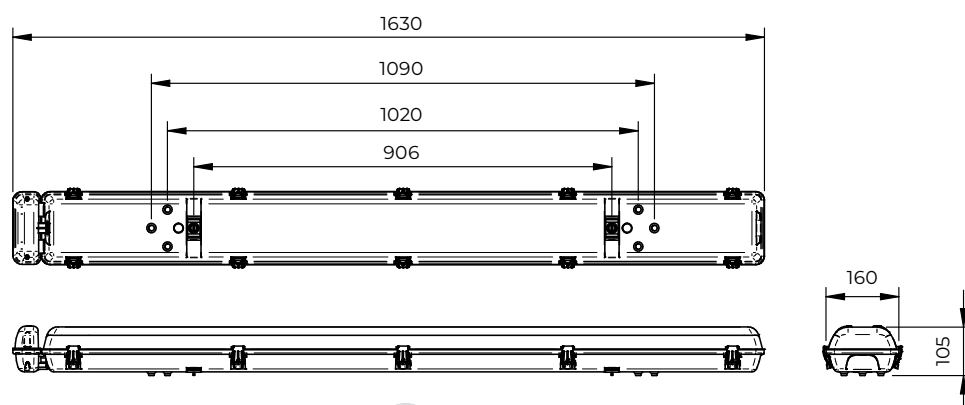
POWER CONSUMPTION	Standby Charge/ Main Lamp On		Main Lamp On	Standby Charge / Main Lamp On @ Min 10%		Main Lamp On @ Min 10%	LUMEN OUTPUT			LUMENS / WATT		
	LP	L10		LP	L10		LP	L10	STANDARD	LP	L10	STANDARD
Output 2 (1200mA) DEFAULT	58.5W		58.1W	9.7W		7.0W	8498 lm		8498 lm	145 lm/W		146 lm/W
Output 1 (900mA)	43.1W		42.7W	8.0W		5.3W	6385 lm		6385 lm	148 lm/W		150 lm/W

Product Configuration:

- 1500mm No Pod
- 1500mm With Pod



1



2

Dimensions (mm)

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ARGONAUT VANDAL RESISTANT



High Level Impact Protection

The Argonaut Vandal Resistant batten range provides a wide selection of emergency battens for vandal resistant applications where higher level of impact protection is required.

Available in L10 Nanophosphate® with all emergency test options including Zoneworks® HIVE, DALI and CTP System.

Applications



Public Amenities



Schools



Stadiums



Railway Stations

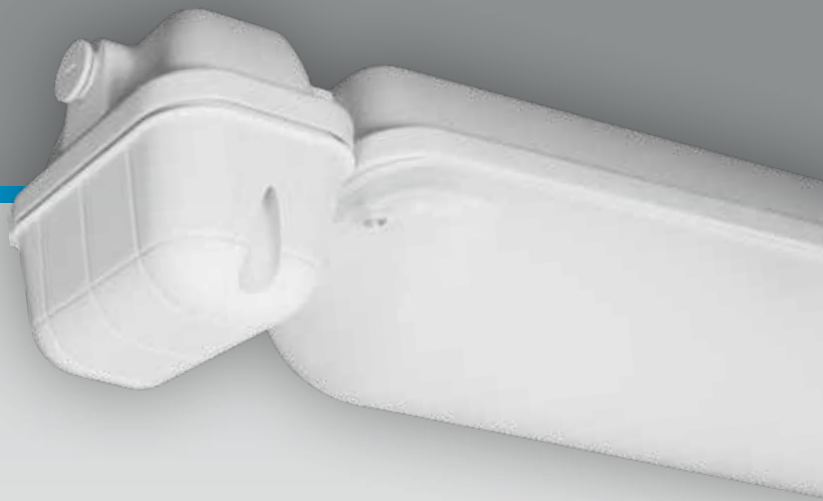


Car Parks



Correction Facilities

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®



Features and Benefits

- AS/NZS 2293.3 compliant
- LED lamps
- Lithium Nanophosphate® battery
- IK11 Impact rating
- IP66 Ingress rating
- Die cast low copper aluminium body
- Zoneworks® HIVE or DALI test options
- Clevertest Plus System compatible



ARGONAUT VANDAL RESISTANT 600MM

ORDERING INFORMATION		L10	240V
TEST OPTIONS / PART #	Nominal Size	600mm	600mm
	Standard	LVP2LED-M-P	FVP2LED-P
	DALI Driver	LVP2LED-M-P-DD	FVP2LED-P-DD
	CTP System Compatible	Yes	-
	Motion Sensors	Yes (High/Low)	
	DALI	LVP2LED-M-P-D2	-
	Zoneworks® HIVE	LVP2LED-M-P-HVG	-
Carton Quantity		1	4
Weight - Single (Carton)		3.2kg	2.4kg (11kg)
Dimensions (L x W x H)		790mm x 140mm x 120mm	700mm x 140mm x 120mm

For Motion sensor version add -MS to the product code as per the following example: LVP2LED-M-P-MS

TECHNICAL SPECIFICATIONS		L10	240V
Construction - Base		Pressure Die-Cast, Low Copper Aluminium Alloy Body with Powder Coat Paint Finish	
Construction - Diffuser		Opal Impact Resistant Polycarbonate with Secure Access Screws (LSZH)	
Voltage (V) (Frequency (Hz))		220-240V (50Hz)	
Power Consumption ♦ (Standby / Max)		1.1W / 27W	22W
Nominal Total Light Output ♦		2500lm	
Lamp		LED Strip Module	
Lamp CCT & Life ♦		4000K, 100,000 hrs (L80,B20, Ra>80, Ta40c)	
Operating Temperature		0°C to 40°C	
Ingress Protection Rating (IP)		IP66	
IK Rating		IK11	

♦ Please refer to the specific product data sheet for actual power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS		L10	240V
Operating Mode		Maintained	-
Battery Configuration		Pod	-
Battery Type		Lithium Nanophosphate®	-
Voltage / Capacity (mAh)		6.6V / 2500mAh	-
Charging Method		Intelligent Current Limited Constant Voltage	-

CLASSIFICATION		L10	240V
C0		D63	-
C90		D32	-

ARGONAUT VANDAL RESISTANT 1200MM

ORDERING INFORMATION		L10	240V
TEST OPTIONS / PART #	Nominal Size	1200mm	1200mm
	Standard	LVP4LED-M-P	FVP4LED-P
	DALI Driver	LVP4LED-M-P-DD	FVP4LED-P-DD
	CTP System Compatible	Yes	-
	Motion Sensors	Yes (High/Low)	
	DALI	LVP4LED-M-P-D2	-
	Zoneworks® HIVE	LVP4LED-M-P-HVG	-
Carton Quantity		1	4
Weight - Single (Carton)		5.2kg	4.1kg (18kg)
Dimensions (L x W x H)		1400mm x 140mm x 120mm	1320mm x 140mm x 120mm

For Motion sensor version add –MS-HL to the product code as per the following example: LP4LED-M-P-MS-HL

TECHNICAL SPECIFICATIONS		L10	240V
Construction - Base		Pressure Die-Cast, Low Copper Aluminium Alloy Body with Powder Coat Paint Finish	
Construction - Diffuser		Opal Impact Resistant Polycarbonate with Secure Access Screws (LSZH)	
Voltage (V) (Frequency (Hz))		220-240V (50Hz)	
Power Consumption ♦ (Standby / Max)		0.4W / 44W	43W
Nominal Total Light Output ♦		5135lm	
Lamp		LED Strip Module	
Lamp CCT & Life ♦		4000K, 100,000 hrs (L80,B20, Ra>80, Ta40c)	
Operating Temperature		0°C to 40°C	
Ingress Protection Rating (IP)		IP66	
IK Rating		IK11	

♦ Please refer to the specific product data sheet for actual power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS		L10	240V
Operating Mode		Maintained	-
Battery Configuration		Pod	-
Battery Type		Lithium Nanophosphate®	-
Voltage / Capacity (mAh)		6.6V / 2500mAh	-
Charging Method		Intelligent Current Limited Constant Voltage	-

CLASSIFICATION		L10	240V
C0		D100	-
C90		D50	-

ARGONAUT VANDAL RESISTANT

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)

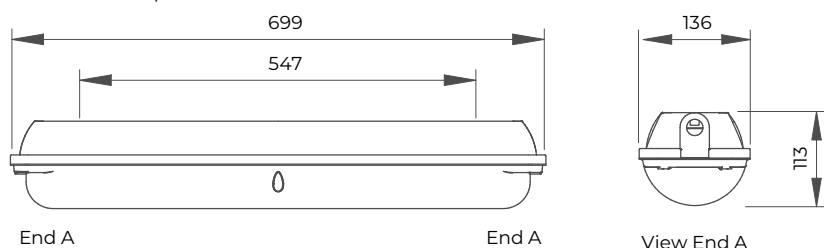
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m
D32	11.5	13.2	14.8	16.5	17.6	18.0	18.5	19.0	19.5	20.1	20.5	20.7
D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.9	24.9	25.4
D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28
D100	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	31.3	32.6	33.7

■ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

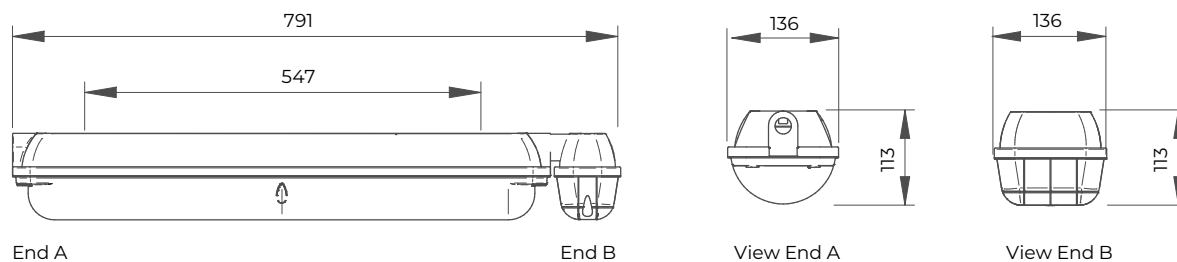
For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>

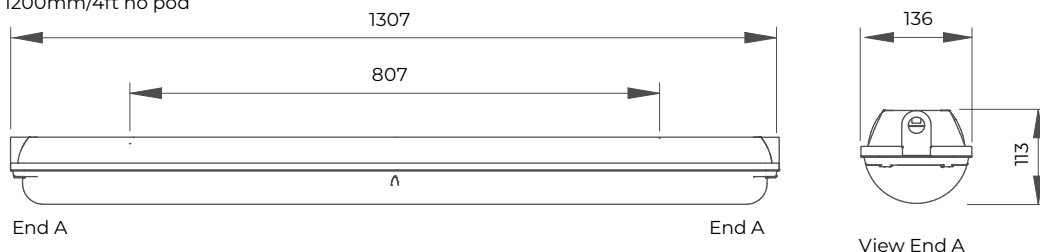
600mm/2ft no pod



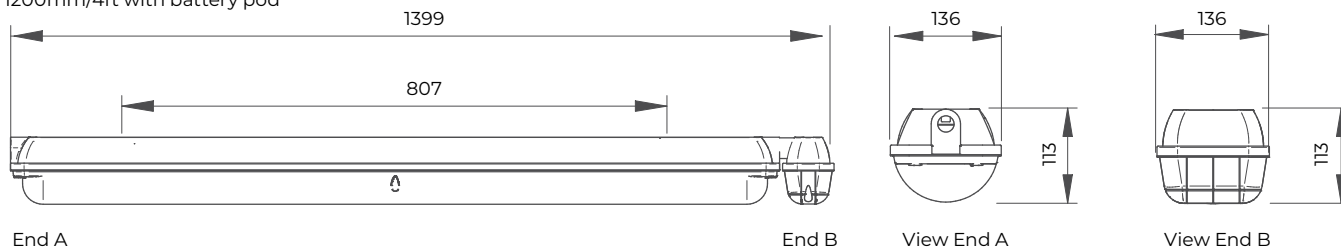
600mm/2ft with battery pod



1200mm/4ft no pod

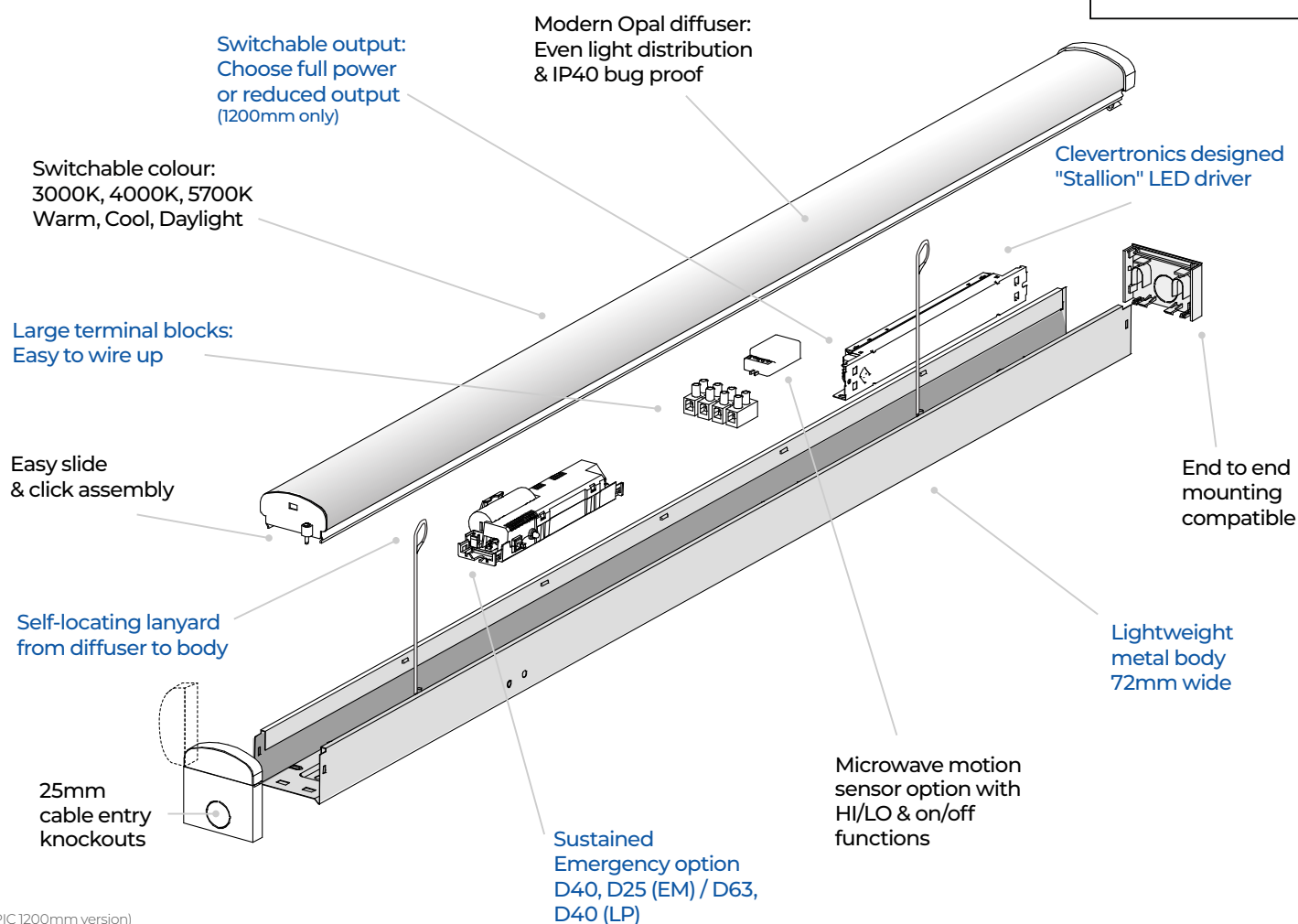


1200mm/4ft with battery pod



Dimensions (mm)

Installation Guides & Information Visit: clevertronics.com.au/epic



(EPIC 1200mm version)

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EPIC INDOOR



Switchable Colour & Dual Output Indoor LED Batten Range

The EPIC Indoor LED batten range is a sleek and easy to install design combined with switchable colour and output featuring easy slide and click assembly, mounting template and large terminal block.

The emergency version contains market leading Lithium Iron Phosphate battery technology and testing options are available with the LP range.

Packed with features and backed by Clevertronics reliability, the EPIC is built to impress.

Applications



Retail



Corridors



Offices



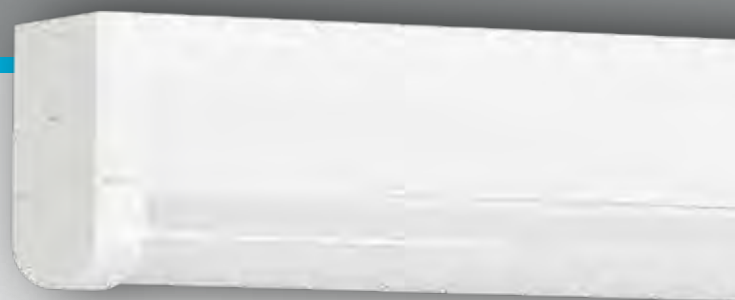
Back of House



Schools

TRADE
SERIES
THE TRADE'S CHOICE

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE



Features and Benefits

- AS/NZS 2293.3 compliant
- Long life, energy efficient LED strip module
- Switchable colour (3000K / 4000K / 5700K)
- Switchable output (varies by model)
- On-carton mounting template
- Large terminal block for easy installation
- Self-locating lanyard from diffuser to body
- Lithium (LiFePO₄) battery technology



EPIC INDOOR 600MM

SWITCHABLE COLOUR

ORDERING INFORMATION		EMERGENCY (TS)	STANDARD
Nominal Size		600mm	600mm
Standard		EPIC-600-EM	EPIC-600
TEST OPTIONS / PART #			
DALI Driver		No	
Motion Sensors		EPIC-600-SEN-EM	EPIC-600-SEN
CTP System Compatible		No	-
DALI*		-	-
Zoneworks® HIVE*		-	-
Carton Quantity		6	
Weight - Single (Carton)		1.1 Kg (8.6kg)	0.9 kg (7.3kg)
Dimensions (L X W X H)		605mm x 72mm x 78mm	

TECHNICAL SPECIFICATIONS	EMERGENCY (TS)	STANDARD
Construction - Base	Powder Coated Sheet Metal	
Construction - Diffuser	Co-Extruded IP40 Polycarbonate Diffuser Assembly	
Voltage (V) (Frequency (Hz))	220-240V~ (50Hz)	
Power Consumption (Standby / Max) ♦	(See Table on Next Page)	
Lamp ♦	Dual LED Strip Module	
Lamp(s) (CCT / Life)	3000K, 4000K, 5700K / 54000hr Life (L70 / B50, Ra >80 Ta 40c)	
Nominal Total Light Output ♦	(See Table on Next Page)	
Ingress Protection Rating (IP)	IP20	
Impact Rating (IK)	IK03	

♦ Please refer to the specific product data sheet for actual power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS	EMERGENCY (TS)
Operating Mode	Sustained
Battery Configuration	Integral
Battery Type	Lithium Iron Phosphate
Voltage / mAh	3.2V / 3000mAh
Charging Method	Intelligent Current Limited Constant Voltage

CLASSIFICATIONS	EMERGENCY (TS)
C0	D40
C90	D25

SPACING TABLE & MOUNTING HEIGHTS - AS / NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)												
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m
D25	11.5	13.2	14.8	15.7	16.1	16.4	16.8	17.3	17.6	18.1	18.3	18.2
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>

EPIC INDOOR 600MM

SWITCHABLE COLOUR

NO SENSOR

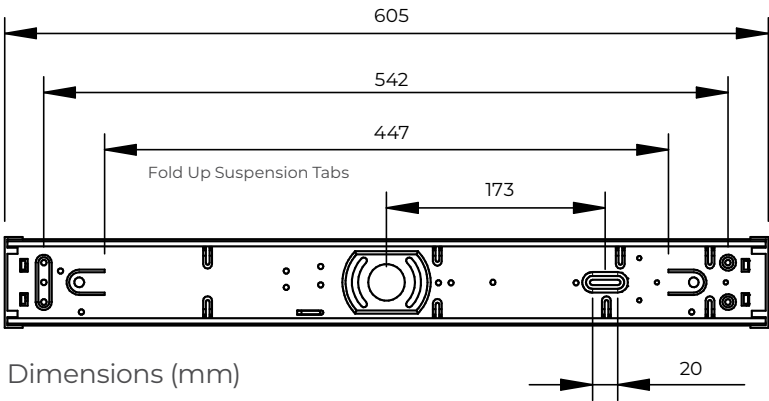
POWER CONSUMPTION	Standby Charge/ Main Lamp On	Standby Charge/ Main Lamp Off	Main Lamp On
OUTPUT (700mA)	TS	TS	STANDARD
3000K	18.9W	0.4W	18.1W
4000K DEFAULT	18.3W	0.4W	17.4W
5700K	19.0W	0.4W	18.1W

LUMEN OUTPUT	
TS	STANDARD
2011 lm	1934lm
2199 lm	2222lm
2082 lm	2130lm

SENSOR

POWER CONSUMPTION	Standby Charge/ Main Lamp On	Standby Charge/ Main Lamp On @ Min. 10%	Standby Charge/ Main Lamp Off	Main Lamp On	Main Lamp On @ Min. 10%
OUTPUT (700mA)	TS	TS	TS	STANDARD	STANDARD
3000K	20.1W	3.6W	0.4W	19.7W	3.2W
4000K DEFAULT	19.5W	3.6W	0.4W	19.1W	3.2W
5700K	20.2W	3.6W	0.4W	19.8W	3.2W

LUMEN OUTPUT	
TS	STANDARD
2011 lm	2011 lm
2199 lm	2199 lm
2028 lm	2028 lm



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EPIC INDOOR 1200MM

SWITCHABLE COLOUR & OUTPUT

ORDERING INFORMATION		EMERGENCY (TS)	EMERGENCY (LP)	STANDARD
TEST OPTIONS / PART #	Nominal Size	1200mm	1200mm	1200mm
	Standard	EPIC-1200-EM	EPIC-1200-LP	EPIC-1200
	DALI Driver	EPIC-1200-DD-EM	EPIC-1200-DD-LP	EPIC-1200-DD
	Motion Sensors	EPIC-1200-SEN-EM	EPIC-1200-SEN-LP	EPIC-1200-SEN
	CTP System Compatible	No	Yes	-
	DALI*	-	EPIC-1200-LP-D2	-
	Zoneworks* HIVE*	-	EPIC-1200-LP-HVG	-
Carton Quantity		4		
Weight - Single (Carton)		1.9 Kg (9.3Kg)	1.8 Kg (10.9 Kg)	1.6 Kg (8.4 Kg)
Dimensions (L x W x H)		1203mm x 72mm x 78mm		

* For motion sensor version add -SEN to the product code as per following example: EPIC-1200-SEN-LP-D2

TECHNICAL SPECIFICATIONS	EMERGENCY (TS)	EMERGENCY (LP)	STANDARD
Construction - Base	Powder Coated Sheet Metal		
Construction - Diffuser	Co-Extruded IP40 Polycarbonate Diffuser Assembly		
Voltage (V) (Frequency (Hz))	220-240V~ (50Hz)		
Power Consumption (Standby / Max) ♦	(See Table on Next Page)		
Lamp ♦	Dual LED Strip Module		
Lamp(s) (CCT / Life)	3000K, 4000K, 5700K / 54000hr Life (L70 / B50, Ra >80 Ta 40c)		
Nominal Total Light Output ♦	(See Table on Next Page)		
Ingress Protection Rating (IP)	IP20		
Impact Rating (IK)	IK03		

♦ Please refer to the specific product data sheet for actual power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS	EMERGENCY (TS)	EMERGENCY (LP)
Operating Mode	Sustained	
Battery Configuration	Integral	
Battery Type	Lithium Iron Phosphate	
Voltage / mAh	3.2V / 3000mAh	3.2V / 6400mAh
Charging Method	Intelligent Current Limited Constant Voltage	

CLASSIFICATIONS	EMERGENCY (TS)	EMERGENCY (LP)
C0	D40	D63
C90	D25	D40

SPACING TABLE & MOUNTING HEIGHTS - AS / NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)

Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m
D25	11.5	13.2	14.8	15.7	16.1	16.4	16.8	17.3	17.6	18.1	18.3	18.2
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0
D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28.0

n Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>

EPIC INDOOR 1200MM

SWITCHABLE COLOUR & OUTPUT

NO SENSOR

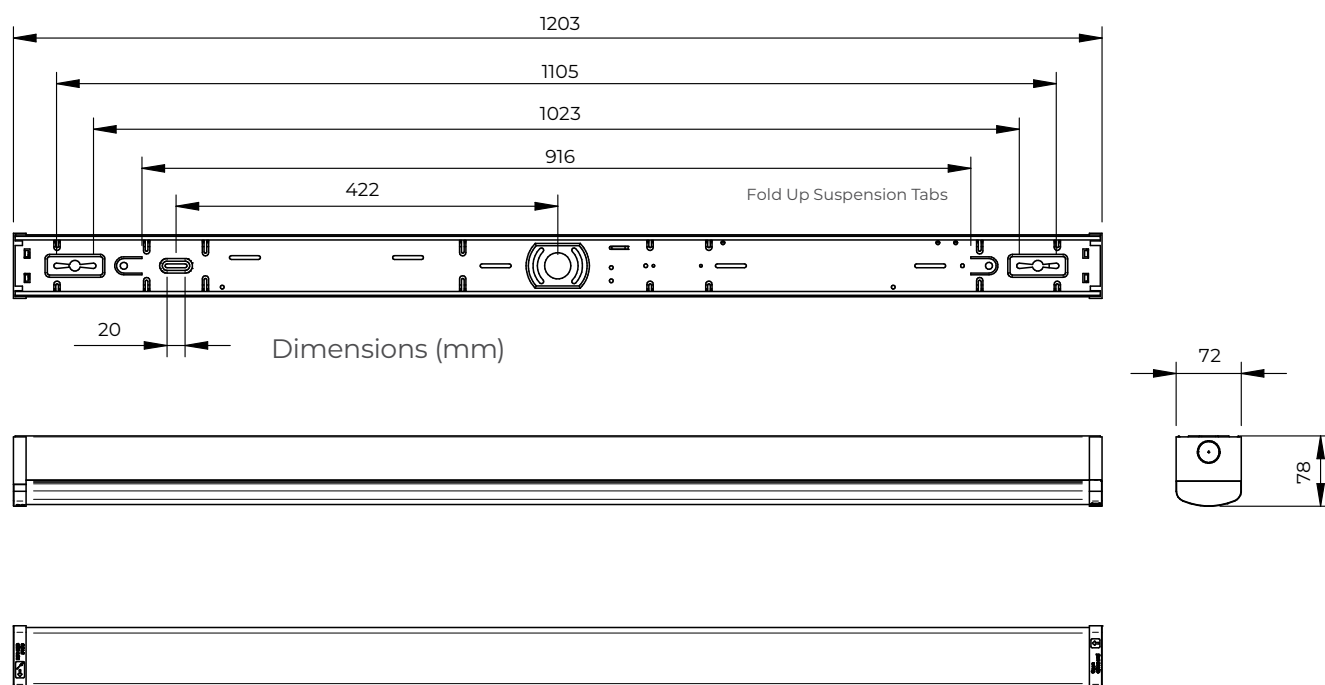
POWER CONSUMPTION	Standby Charge/ Main Lamp On		Standby Charge/ Main Lamp Off		Main Lamp On
	TS	LP	TS	LP	STANDARD
OUTPUT 2 (700mA)					
3000K	37.6W	37.6W	0.4W	0.4W	36.9W
4000K DEFAULT	35.9W	35.9W	0.4W	0.4W	35.3W
5700K	37.1W	37.1W	0.4W	0.4W	36.5W
OUTPUT 1 (350mA)					
3000K	18.5W	18.5W	0.4W	0.4W	18.4W
4000K DEFAULT	18.0W	18.0W	0.4W	0.4W	17.9W
5700K	18.3W	18.3W	0.4W	0.4W	18.3W

LUMEN OUTPUT		
TS	LP	STANDARD
4227 lm	4227 lm	4094lm
4673 lm	4673 lm	4624lm
4447 lm	4447 lm	4446lm
2277 lm	2277 lm	2293lm
2439 lm	2439 lm	2502lm
2413 lm	2413 lm	2492lm

SENSOR

POWER CONSUMPTION	Standby Charge/ Main Lamp On		Standby Charge/ Main Lamp On @ Min. 10%		Standby Charge/ Main Lamp Off		Main Lamp On	Main Lamp On @ Min. 10%
	TS	LP	TS	LP	TS	LP	STAN- DARD	STAN- DARD
OUTPUT (700mA)								
3000K	38.8W	38.8W	6.1W	6.1W	0.4W	0.4W	38.4W	5.7W
4000K DEFAULT	37.1W	37.1W	6.1W	6.1W	0.4W	0.4W	36.7W	5.7W
5700K	38.3W	38.3W	6.1W	6.1W	0.4W	0.4W	37.9W	5.7W

LUMEN OUTPUT		
TS	LP	STANDARD
4227 lm	4227 lm	4227 lm
4673 lm	4673 lm	4673 lm
4447 lm	4447 lm	4447 lm



ODYSSEY DIFFUSED



Odyssey

For Economy or Lower Cost Applications

The Odyssey Diffused steel batten range has been designed as an ideal solution for projects or applications where an economy or lower cost batten option is required.

Without compromising on features such as Lithium Iron Phosphate battery technology or emergency testing options including Zoneworks® HIVE, DALI or CTP the Odyssey Diffused is quality at the right price.

Applications



Car Parks



Corridors



Stairwells



Back of House



Fire Stairs



Features and Benefits

- AS/NZS 2293.3 compliant
- LED lamps
- Lithium Iron Phosphate battery
- Microwave motion sensors
- Zoneworks® HIVE or DALI test options (with LP Premium)
- Clevertest Plus System compatible



TRADE
SERIES
THE TRADES CHOICE

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®

ODYSSEY DIFFUSED 600MM

ORDERING INFORMATION		TS	LP	240V
TEST OPTIONS / PART #	Nominal Size	600mm	600mm	600mm
	Standard	EBS2LEDS-DIF-LI	CBS2LEDS-DIF	FBS2LED-DIF
	DALI Driver	-	CBS2LEDS-DIF-DD	FBS2LED-DIF-DD
	Motion Sensors ■	Yes (On/Off)		
	CTP System Compatible	No	Yes	-
	DALI	-	CBS2LEDS-DIF-D2	-
	Zoneworks® HIVE	-	CBS2LEDS-DIF-HVG	-
Carton Quantity		1		
Weight - Single (Carton)		2.0kg	2.0kg	1.8kg
Dimensions (L x W x H)		630mm x 120mm x 108mm	664mm x 120mm x 108mm	630mm x 120mm x 108mm

■ For Motion sensor version add -MS to the product code as per the following example. EBS2LEDS-DIF-MS-LI

TECHNICAL SPECIFICATIONS	TS	LP	240V
Construction - Base	Powder Coated Steel		
Construction - Diffuser	Acrylic Prismatic		
Voltage (V) (Frequency (Hz))	220-240V(50Hz)		
Power Consumption ♦ (Standby / Max)	0.4W / 19W		20W
Lamp(s) (CCT / Life) ♦	4000K / 50,000hrs (L70 / B50 Ra>80 Ta40)		
Lamp	LED Strip Module		
Nominal Total Light Output ♦	2250lm		
Operating Temperature	1°C to 40°C		
Ingress Protection Rating (IP)	IP20		

♦ Please refer to the specific product data sheet for actual power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS	TS	LP
Operating Mode	Sustained	
Battery Configuration	Integral	POD
Battery Type	Lithium Iron Phosphate	
Voltage / Capacity (mAh)	3.2V / 3000mAh	3.2V / 3200mAh
Charging Method	Intelligent Current Limited Constant Voltage	

CLASSIFICATION	TS	LP
C0	D50	D40
C90	C50	D40

ODYSSEY DIFFUSED 1200MM

ORDERING INFORMATION		TS		LP		240V	
Nominal Size		1200mm		1200mm		1200mm	
TEST OPTIONS / PART #	Standard	EBS4LEDS-DIF-LI	EBS4LEDS-LO-DIF-LI	CBS4LEDS-DIF	CBS4LEDS-LO-DIF	FBS4LED-DIF	FBS4LED-LO-DIF
	DALI Driver	-	-	CBS4LEDS-DIF-DD	CBS4LEDS-LO-DIF-DD	FBS4LED-DIF-DD	FBS4LED-LO-DIF-DD
	Motion Sensors 	Yes (High/Low)					
	CTP System Compatible	No		Yes		-	
	DALI	-		CBS4LEDS-DIF-D2	CBS4LEDS-LO-DIF-D2	-	
	Zoneworks® HIVE	-		CBS4LEDS-DIF-HVG	CBS4LEDS-LO-DIF-HVG	-	
Carton Quantity		1					
Weight - single (carton)		3.3kg	3.3kg	3.3kg	3.3kg	3.0kg	3.0kg
Dimensions (L x W x H)		1238mm x 120mm x 108mm		1271mm x 120mm x 108mm		1238mm x 120mm x 108mm	

■ For Motion sensor version add -MS-HL to the product code as per the following example. EBS4LEDS-DIF-MS-HL-LI

TECHNICAL SPECIFICATIONS	TS		LP		240V	
Construction - Base	Powder Coated Steel					
Construction - Diffuser	Acrylic Prismatic					
Voltage (V) (Frequency (Hz))	220-240V (50Hz)					
Power Consumption ♦ (Standby / Max)	0.4W / 39W	0.4W / 19W	0.4W / 39W	0.4W / 19W	39W	19W
Lamp(s) (CCT / Life) ♦	4000K / 50,000hrs (L70 / B50 Ra>80 Ta40)					
Lamp	LED Strip Module					
Nominal Total Light Output ♦	4500lm	2250lm	4500lm	2250lm	4500lm	2250lm
Operating Temperature	1°C to 40°C					
Ingress Protection Rating (IP)	IP20					

♦ Please refer to the specific product data sheet for actual power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS	TS		LP
Operating Mode	Sustained		
Battery Configuration	Integral	POD	
Battery Type	Lithium Iron Phosphate		
Voltage / Capacity (mAh)	3.2V / 3000mAh		3.2V / 3200mAh
Charging Method	Intelligent Current Limited Constant Voltage		

CLASSIFICATION		TS		LP	
C0		D50		D40	
C90		D16		D40	

ODYSSEY DIFFUSED

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)

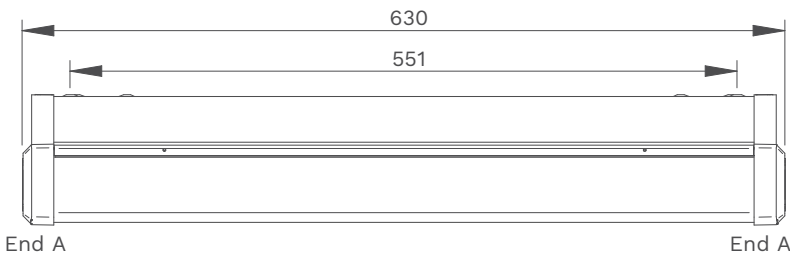
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m
C50	11.3	12.0	12.7	13.4	14.0	14.5	15.2	16.0	16.7	17.9	18.8	19.6
D16	11.5	12.5	12.9	13.3	13.6	13.8	14.1	14.4	14.5	14.6	14.4	13.8
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0
D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4

ⓘ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

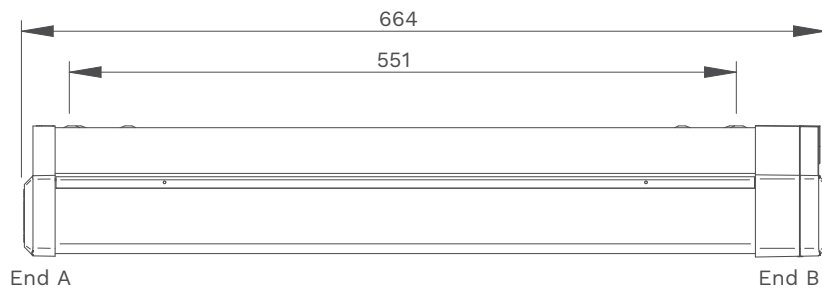
For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>

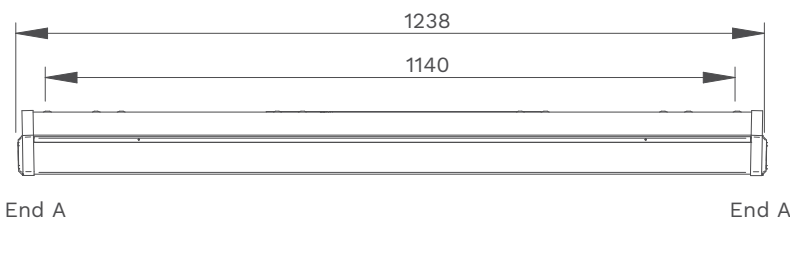
600mm/2ft no pod



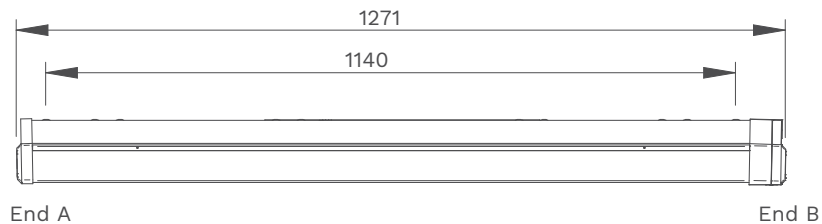
600mm/2ft with pod



1200mm/4ft no pod



1200mm/4ft with pod



ODYSSEY WIREGUARD



Steel Batten Range at the Right Price

The Odyssey Wireguard steel batten range has been designed as an ideal solution for projects or applications where an economy or lower cost batten option is required.

Without compromising on features such as Lithium Iron Phosphate battery technology or emergency testing options including Zoneworks® HIVE, DALI or CTP. The Odyssey Wireguard is quality at the right price.

Applications



Car Parks



Corridors



Stairwells



Back of House



Fire Stairs



Features and Benefits

- AS/NZS 2293.3 compliant
- LED tube
- Lithium Iron Phosphate battery
- Microwave motion sensors
- Zoneworks® HIVE or DALI test options (with LP Premium)
- Clevertest Plus System compatible



TRADE
S E R I E S
THE TRADE'S CHOICE

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

ODYSSEY WIREGUARD 600MM

ORDERING INFORMATION		TS	LP	240V
TEST OPTIONS / PART #	Nominal Size	600mm	600mm	600mm
	Standard	EBS2L2S-WG-LI	CBS2L2S-LT-WG	FBS2L2-LT-WG
	Motion Sensors ■	Yes (On/Off)		
	CTP System Compatible	No	Yes	-
	DALI	-	CBS2L2S-LT-WG-D2	-
	Zoneworks® HIVE	-	CBS2L2S-LT-WG-HVG	-
Carton Quantity		1		
Weight - Single (Carton)		2.2kg		1.8kg
Dimensions (L x W x H)		664mm x 120mm x 108mm		630mm x 120mm x 108mm

■ For Motion sensor version add -MS to the product code as per the following example. EBS2L2S-WG-MS-LI

TECHNICAL SPECIFICATIONS		TS	LP	240V
Construction - Base		Powder Coated Steel		
Voltage (V) (Frequency (Hz))		220-240V (50Hz)		
Power Consumption (Standby / Max) ♦		0.4W / 16W	1.0W / 17W	16W
Lamp(s) (CCT / Life) ♦		4000K / 30,000hrs (L70 / B50 Ra>80 Ta40c)		
Lamp		LED Tube		
Nominal Total Light Output ♦		1500lm		
Operating Temperature		1°C to 40°C		

♦ Please refer to the specific product data sheet for actual power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS		TS	LP
Operating Mode		Sustained	
Battery Configuration		POD	
Battery Type		Lithium Iron Phosphate	
Voltage / Capacity (mAh)		3.2V / 3000mAh	3.2V / 3200mAh
Charging Method		Intelligent Current Limited Constant Voltage	

CLASSIFICATION		TS	LP
C0		D40	
C90		D40	

ODYSSEY WIREGUARD 1200MM

ORDERING INFORMATION		TS	LP	240V
TEST OPTIONS / PART #	Nominal Size	1200mm	1200mm	1200mm
	Standard	EBS2L4S-WG-LI	CBS2L4S-LT-WG	FBS2L4-LT-WG
	Motion Sensors ■	Yes (On/Off)		
	CTP System Compatible	No	Yes	-
	DALI	-	CBS2L4S-LT-WG-D2	-
	Zoneworks® HIVE	-	CBS2L4S-LT-WG-HVG	-
Carton Quantity		1		
Weight - Single (Carton)		3.9kg		3.3kg
Dimensions (L x W x H)		1271mm x 120mm x 108mm		1238mm x 120mm x 108mm

■ For Motion sensor version add -MS to the product code as per the following example. EBS2L4S-WG-MS-LI

TECHNICAL SPECIFICATIONS		TS	LP	240V
Construction - Base		Powder Coated Steel		
Voltage (V) (Frequency (Hz))		220-240V (50Hz)		
Power Consumption ♦ (Standby / Max)		0.4W / 40W	1.0W / 40W	40W
Lamp(s) (CCT / Life) ♦		4000K / 30,000hrs (L70 / B50 Ra>80 Ta40c)		
Lamp		LED Tube		
Nominal Total Light Output ♦		3800lm		
Operating Temperature		1°C to 40°C		

♦ Please refer to the specific product data sheet for actual power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS		TS	LP
Operating Mode		Sustained	
Battery Configuration		POD	
Battery Type		Lithium Iron Phosphate	
Voltage / Capacity (mAh)		3.2V / 3000mAh	3.2V / 3200mAh
Charging Method		Intelligent Current Limited Constant Voltage	

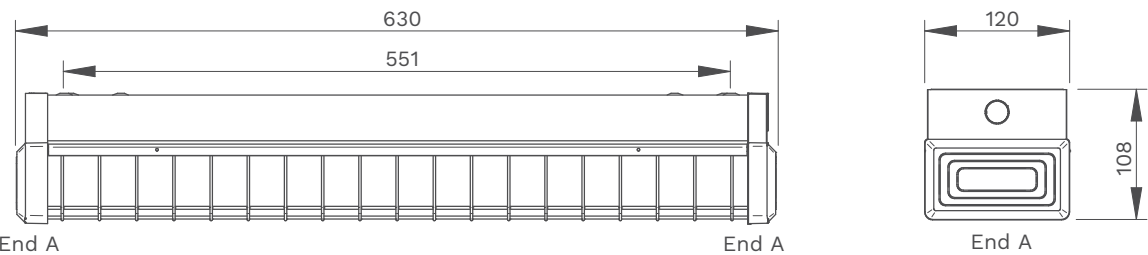
CLASSIFICATION		TS	LP
C0		D40	
C90		D40	

ODYSSEY WIREGUARD

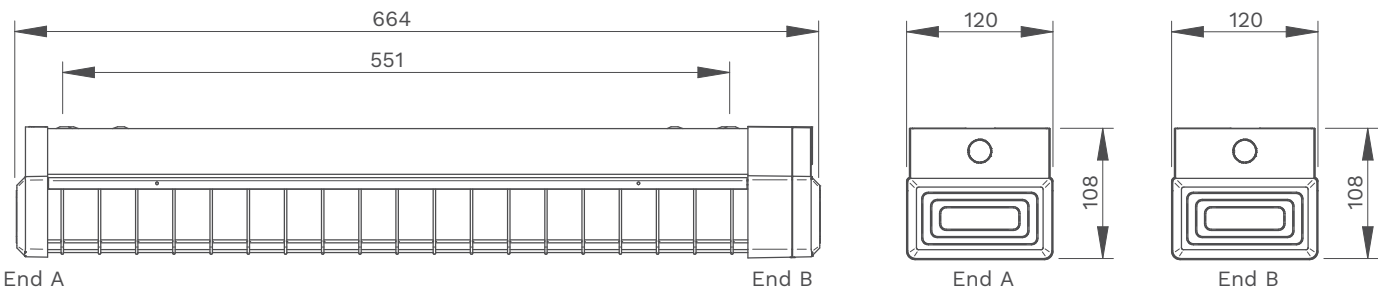
SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)												
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0

For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>
 *Warranty information located at: <https://clevertronics.com.au/warranty-statement/>

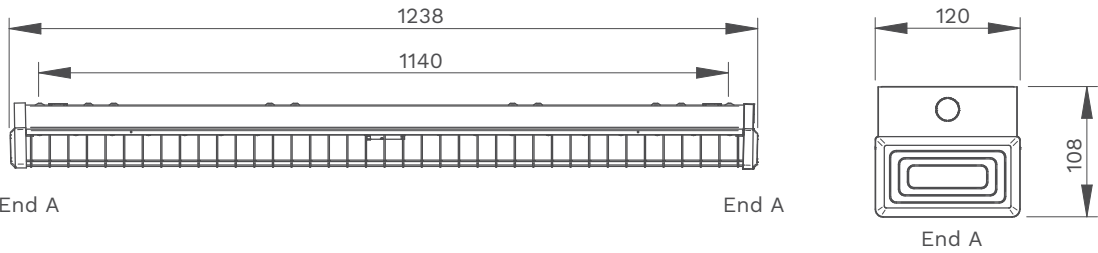
600mm/2ft no pod



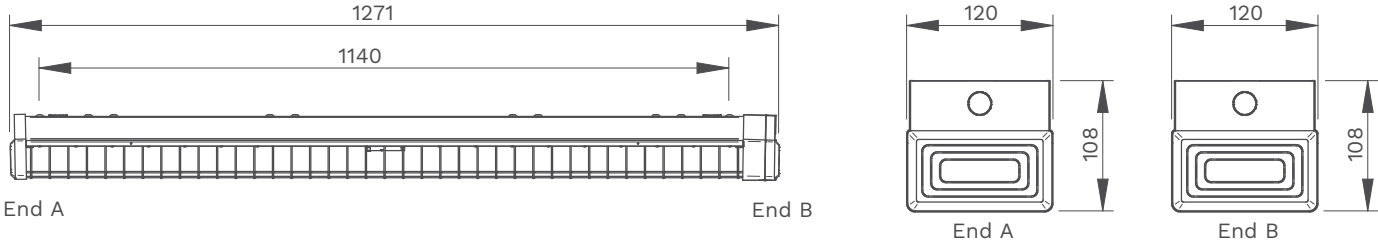
600mm/2ft with pod



1200mm/4ft no pod



1200mm/4ft with pod



The product details described in this document are current as at the version date of the document. We reserve the right to change product design, specifications or materials (Specifications) as part of our continuous improvement program. Images are indicative only. Please confirm the applicable Specifications at the time of placing your order.

BARE EMERGENCY



Steel Batten Range at the Right Price

The Bare Emergency batten range has been designed as an ideal solution for projects or applications where a non-maintained emergency light is required to cover existing paint lines of a traditional batten.

Available in Trade Series, LP or L10 featuring lithium battery technology and CTP, DALI or Zoneworks® HIVE testing options.

Applications

- | | |
|---|---|
|  Office buildings |  Corridors |
|  Galleries |  Back of House |
|  Schools | |

TRADE
S E R I E S
THE TRADES CHOICE

LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®

Features and Benefits

- AS/NZS 2293.3 compliant
- Lithium Iron Phosphate battery
- Zoneworks® HIVE or DALI test options in LP and L10
- Clevertest Plus System compatible



BARE EMERGENCY 600MM

ORDERING INFORMATION		TS	LP	L10
TEST OPTIONS / PART #	Nominal Size	600mm	600mm	600mm
	Standard	EBS2N-LI	CBS2N	LBS2N
	Motion Sensors	No		
	CTP System Compatible	No	Yes	
	DALI	-	CBS2N-D2	LBS2N-D2
	Zoneworks® HIVE	-	CBS2N-HVG	LBS2N-HVG
Carton Quantity		1		
Weight - Single (Carton)		1.3kg	1.5kg	1.6kg
Dimensions (L X W x H)		611mm x 111mm x 54mm		

TECHNICAL SPECIFICATIONS		TS	LP	L10
Construction - Base		Powder Coated Steel		
Voltage (V) (Frequency (Hz))		220-240V (50Hz)		
Power Consumption ♦ (Standby / Max)		0.4W / 1.3W	1.0W / 4.2W	1.3W / 3.0W
Lamp		1 x LED Lifelight (Lifetime Warranty on the Lamp Head and Loom Assembly)		
Operating Temperature		1°C to 40°C		

♦ Please refer to the specific product data sheet for actual power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS		TS	LP	L10
Operating Mode		Non-Maintained		
Battery Configuration		Integral		
Battery Type		Lithium Iron Phosphate		Lithium Nanophosphate®
Voltage / Capacity (mAh)		3.2V / 3000mAh	3.2V / 3200mAh	3.3V / 2500mAh
Charging Method		Intelligent Current Limited Constant Voltage		

CLASSIFICATION		TS	LP	L10
C0		D40		
C90		D40		

BARE EMERGENCY 1200MM

ORDERING INFORMATION		TS	LP	L10
TEST OPTIONS / PART #	Nominal Size	1200mm	1200mm	1200mm
	Standard	EBS4N-LI	CBS4N	LBS4N
	Motion Sensors	No		
	CTP System Compatible	No	Yes	
	DALI	-	CBS4N-D2	LBS4N-D2
	Zoneworks® HIVE	-	CBS4N-HVG	LBS4N-HVG
Carton Quantity		1		
Weight - Single (Carton)		2.2kg	2.2kg	2.3kg
Dimensions (L x W x H)		1219mm x 111mm x 54mm		

TECHNICAL SPECIFICATIONS	TS		LP		L10	
Construction - Base	Powder Coated Steel					
Voltage (V) (Frequency (Hz))	220-240V (50Hz)					
Power Consumption ♦ (Standby / Max)	0.4W / 1.3W		0.4W / 2.7W		0.4W / 2.7W	
Lamp	1 x LED		2 x LED			
Operating Temperature	1°C to 40°C					

♦ Please refer to the specific product data sheet for actual power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS		TS	LP	L10
Operating Mode		Non-Maintained		
Battery Configuration		Integral		
Battery Type		Lithium Iron Phosphate		Lithium Nanophosphate®
Voltage / Capacity (mAh)		3.2V / 3000mAh	3.2V / 3200mAh	3.3V / 2500mAh
Charging Method		Intelligent Current Limited Constant Voltage		

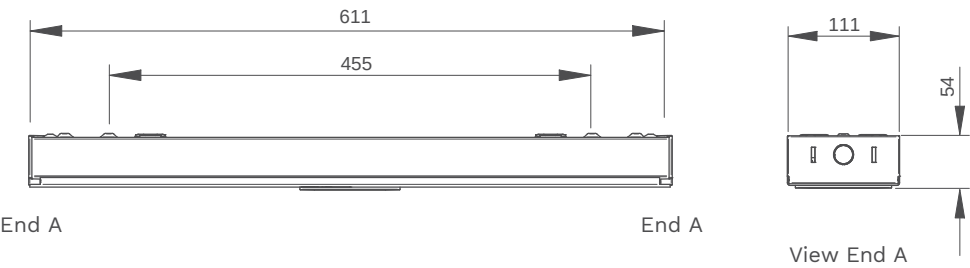
CLASSIFICATION		TS	LP	L10
C0		D40	D80	
C90		D40	D80	

BARE EMERGENCY

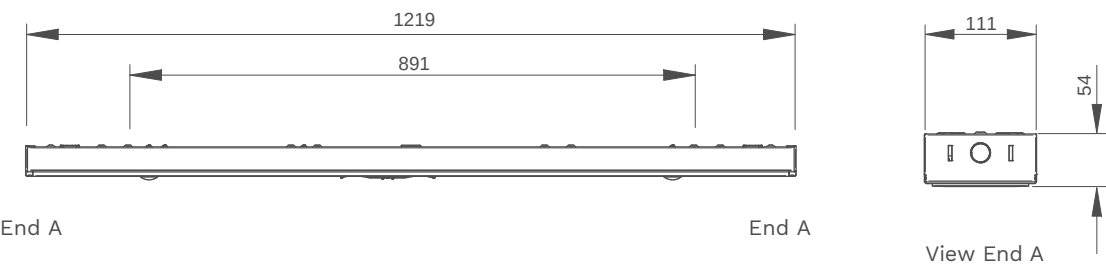
SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)												
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m
D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0
D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9

Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².
 For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>
 *Warranty information located at: <https://clevertronics.com.au/warranty-statement/>

600mm/2ft no pod



1200mm/4ft no pod



BARE EMERGENCY TWIN LIFELIGHT PRO



Steel Batten Range at the Right Price

The Bare Emergency Twin Lifelight Pro range has been designed for application where a high output non-maintained emergency light is required.

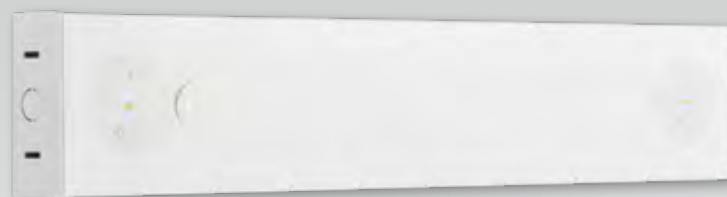
The fitting is the ideal shape to cover paint lines of a traditional batten, and its solid construction makes it suitable for suspending.

Applications

- | | |
|---|--|
|  Warehouses |  Sports Halls |
|  Factories |  Exhibition Centres |
|  Hangers | |

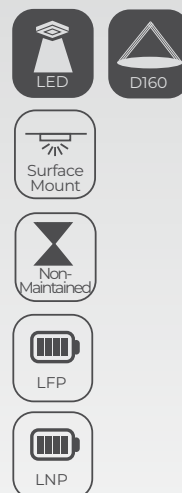
LP LITHIUM IRON
PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®



Features and Benefits

- AS/NZS 2293.3 compliant
- Lithium Iron Phosphate or Nanophosphate® battery
- Zoneworks® HIVE or DALI test options in LP Premium and L10
- Clevertest Plus System compatible
- D160 emergency classification
- White as standard with black available upon request (LP & L10 only)



BARE EMERGENCY TWIN LIFELIGHT PRO 600MM

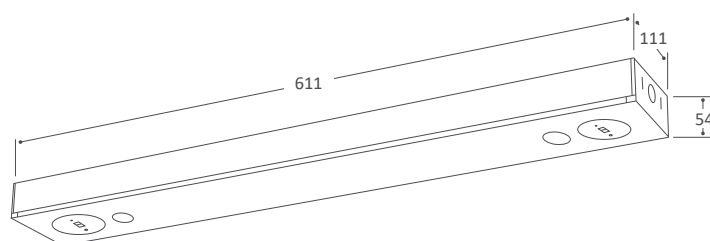
ORDERING INFORMATION		LP	L10
Nominal Size		600mm	600mm
TEST OPTIONS / PART #	Standard	CLIFE-2PRO-SMS-600	LLIFE-2PRO-SMS-1200
	Motion Sensors	No	
	CTP System Compatible	Yes	
	DALI	CLIFE-2PRO-SMS-D2-600	LLIFE-2PRO-SMS-D2-600
	Zoneworks® HIVE	CLIFE-2PRO-SMS-HVG-600	LLIFE-2PRO-SMS-HVG-600
Carton Quantity		1	
Weight - Single (Carton)		1.5kg	1.6kg
Dimensions (L X W x H)		611mm x 111mm x 54mm	

TECHNICAL SPECIFICATIONS		LP	L10
Construction - Base		Powder Coated Steel	
Voltage (V) (Frequency (Hz))		220-240V (50Hz)	
Power Consumption ♦ (Standby / Max)		0.8W / 5.4W	0.8W / 5.4W
Lamp		Twin LED Lifelight Pro (Lifetime Warranty on the Lamp Head and Loom Assembly)	
Operating Temperature		1°C to 40°C	

♦ Please refer to the specific product data sheet for actual power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS		LP	L10
Operating Mode		Non-Maintained	
Battery Configuration		Integral	
Battery Type		Lithium Iron Phosphate	Lithium Nanophosphate®
Voltage / Capacity (mAh)		2 x 3.2V / 6400mAh	2 x 3.3V / 5000mAh
Charging Method		Intelligent Current Limited Constant Voltage	

CLASSIFICATION		LP	L10
C0		D160	
C90		D160	



600mm/2ft Dimensions (mm)

BARE EMERGENCY TWIN LIFELIGHT PRO 1200MM

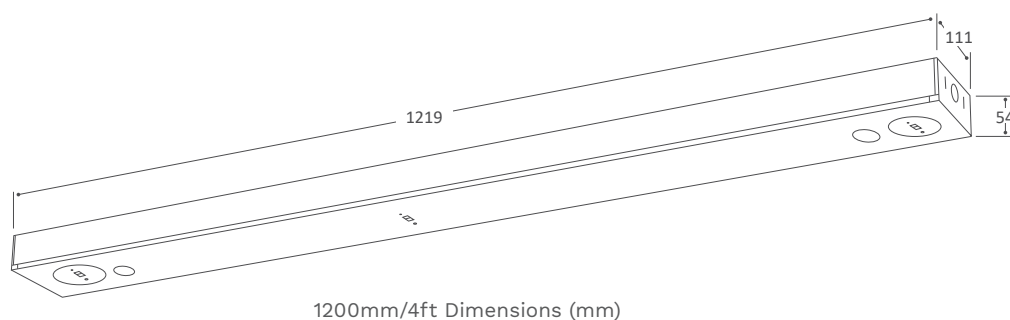
ORDERING INFORMATION		LP	L10
TEST OPTIONS / PART #	Nominal Size	1200mm	1200mm
	Standard	CLI FE-2PRO-SMS-1200	LLIFE-2PRO-SMS-1200
	Motion Sensors	No	
	CTP System Compatible	Yes	
	DALI	CLI FE-2PRO-SMS-D2-1200	LLIFE-2PRO-SMS-D2-1200
	Zoneworks® HIVE	CLIFE-2PRO-SMS-HVG-1200	LLIFE-2PRO-SMS-HVG-1200
Carton Quantity		1	
Weight - Single (Carton)		2.2kg	2.3kg
Dimensions (L X W x H)		1219mm x 111mm x 54mm	

TECHNICAL SPECIFICATIONS		LP	L10
Construction - Base		Powder Coated Steel	
Voltage (V) (Frequency (Hz))		220-240V (50Hz)	
Power Consumption ♦ (Standby / Max)		0.8W / 5.4W	0.8W / 5.4W
Lamp		Twin LED Lifelight Pro (Lifetime Warranty on the Lamp Head and Loom Assembly)	
Operating Temperature		1°C to 40°C	

♦ Please refer to the specific product data sheet for actual power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS		LP	L10
Operating Mode		Non-Maintained	
Battery Configuration		Integral	
Battery Type		Lithium Iron Phosphate	Lithium Nanophosphate®
Voltage / Capacity (mAh)		2 x 3.2V / 6400mAh	2 x 3.3V / 5000mAh
Charging Method		Intelligent Current Limited Constant Voltage	

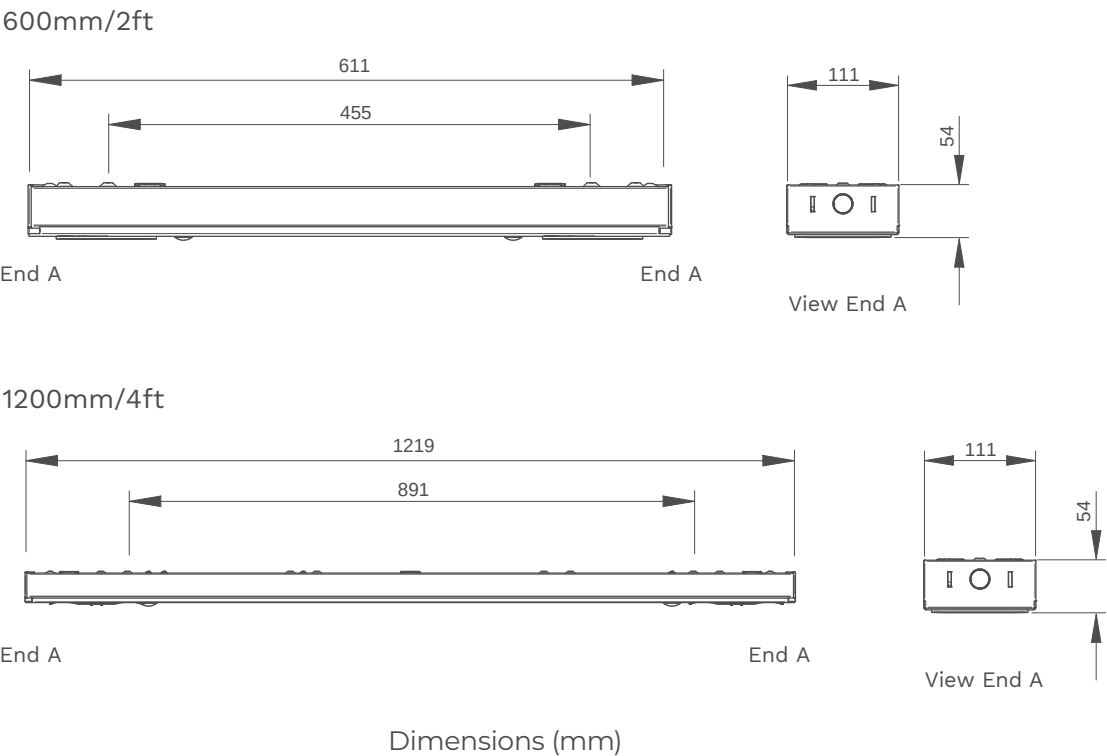
CLASSIFICATION		LP	L10
C0		D160	
C90		D160	



BARE EMERGENCY TWIN LIFELIGHT PRO

SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 2293.1:2018 (MINIMUM LIGHT LEVEL OF 0.2 LUX)														
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m	9.0m	10.0m
D160	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	33.0	38.5	40.2	41.4	42.5

Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².
 For 1 lux and AS/NZS 2293.1:2005 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>
 *Warranty information located at: <https://clevertronics.com.au/warranty-statement/>







TEMPORARY

TEMPORARY EXITS & BATTENS

48V Power Supply & Components	170
48V Temporary Exit	172
48V Temporary Weatherproof Batten	174
48V Temporary Weatherproof Flood Light	178

Lighting Range



Overview

The purpose of a 48V temporary lighting system is to provide the contractor a safe and flexible solution when installing and moving temporary lighting systems on construction sites to meet the requirements outlined in AS/NZS 3012. Egress routes and work areas often change on construction sites and therefore the lighting systems must move with the ever-changing site.

Why use 48V?

By using a SELV 48V lighting system, the mechanical protection and containment requirements are significantly easier to achieve, resulting in faster installations, removal and relocation – this saves a lot of time, money and improves site safety.

The 48V system enables connection of more than double the number of fittings per power supply compared to a 24V system.

Cabling System

The Clevertronics 48V temporary lighting system provides a flexible and scalable solution for general and emergency lighting on site. This is ideal for the ever changing environment at a construction site to save time and significantly reduce labour cost.

All Clevertronics 48V temporary luminaires come with end-to-end IP65 pre-wired connectors. The keyed connectors ensure correct polarity during installation, eliminating wiring errors.

Switched control of General Lighting

3-core (switched +DC, permanent +DC and -VE) IP65 cabling arrangement allowing for the on/off switching of the general lighting function of the battens whilst maintaining a permanent supply to the emergency battery chargers. This feature provides energy savings and increased lifetime of the weatherproof battens, by switching the battens off when not required, without discharging the emergency batteries. This capability also assists with meeting light pollution mitigation requirements on certain projects.



Features

Simple installation



All products are fitted with flex & plug for simple plug & play approach with the option of surface or suspension mounting.

Reliable

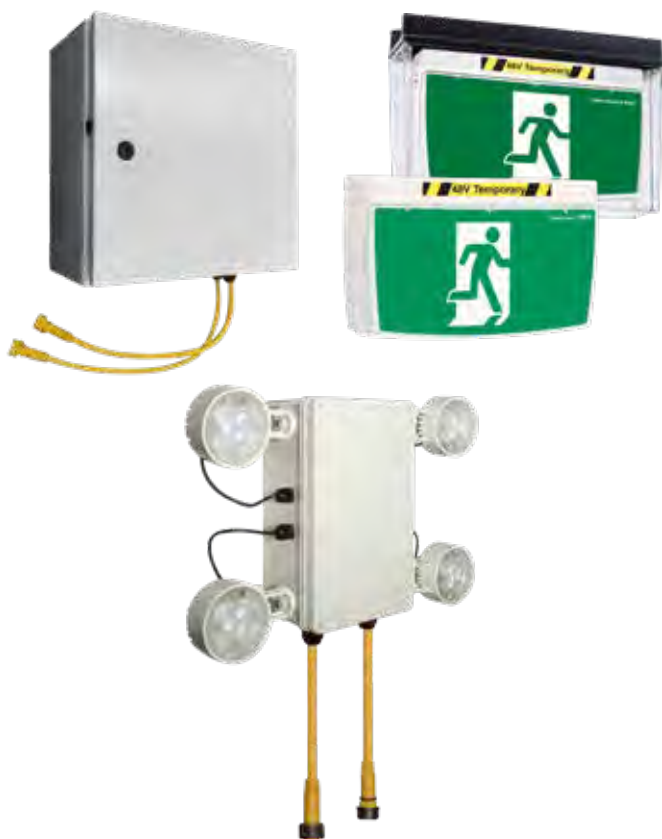


The LED's fitted into the emergency luminaires are suited to environments where vibration is present. This will limit premature failure of the lamps.

48V Cabling System – Plug & Play

- Provides scalable and flexible installation
- Switched control of general 48V lighting possible while maintaining supply to keep emergency batteries charged & ready
- Enables easy tool free IP65 connection for general and emergency luminaires
- 3-way and 4-way IP65 “splitter connector” connection allows for multiple configurations
- 4m, 6m, 8m, IP65 3-core interconnecting cables available
- Optional T-Lock accessory for tamper proof connection

*To prevent unauthorised disconnection in accordance with AS/NZS3012



Temporary Non-Emergency Flood Light

- 4 x adjustable LED heads
- 3327lm total lumen output
- IP65 and IK08 rated
- Comes with flex & plug for simple plug & play.

* IP66 exits: connection lead supplied loose and to be fitted by installer

48V Emergency Luminaires

Temporary Weatherproof Batten Range

- Lithium Iron Phosphate batteries
- Chain suspension or surface mounting options
- Switchable control of the general lighting possible whilst maintaining continuous permanent charge to the batteries
- Available in 600mm or 1200mm
*1200mm available now with 600mm available soon
- Available with flex & plug from both ends for IP65 end-to-end cabling
- AS/NZS 2293.3 compliant with 1 hour emergency duration in accordance with AS/NZS3012

Weatherproof Dual Output 48V DC Power Supply

- Supplied with short length flex and plug outputs for connection to the temporary lighting cabling system
- 48V DC output switch that allows supply to be switched off whilst still maintaining permanent supply to continuously charge battery
- Capable of connecting more than double the number of fittings per power supply than a 24V system.

48V Exit Signs

Temporary Exit Range

- Lithium Iron Phosphate batteries
- Chain suspension or surface mounting options
- Weatherproof options available
- All directional decals in one box
- Comes with flex & plug for simple plug & play*
- AS/NZS 2293.3 compliant with 1 hour emergency duration in accordance with AS/NZS3012



Safe



All products using 48V Temporary lighting saves time and improves site safety.

Value add



All products are ready to go so compliance can be achieved with minimal fuss and no added cost.

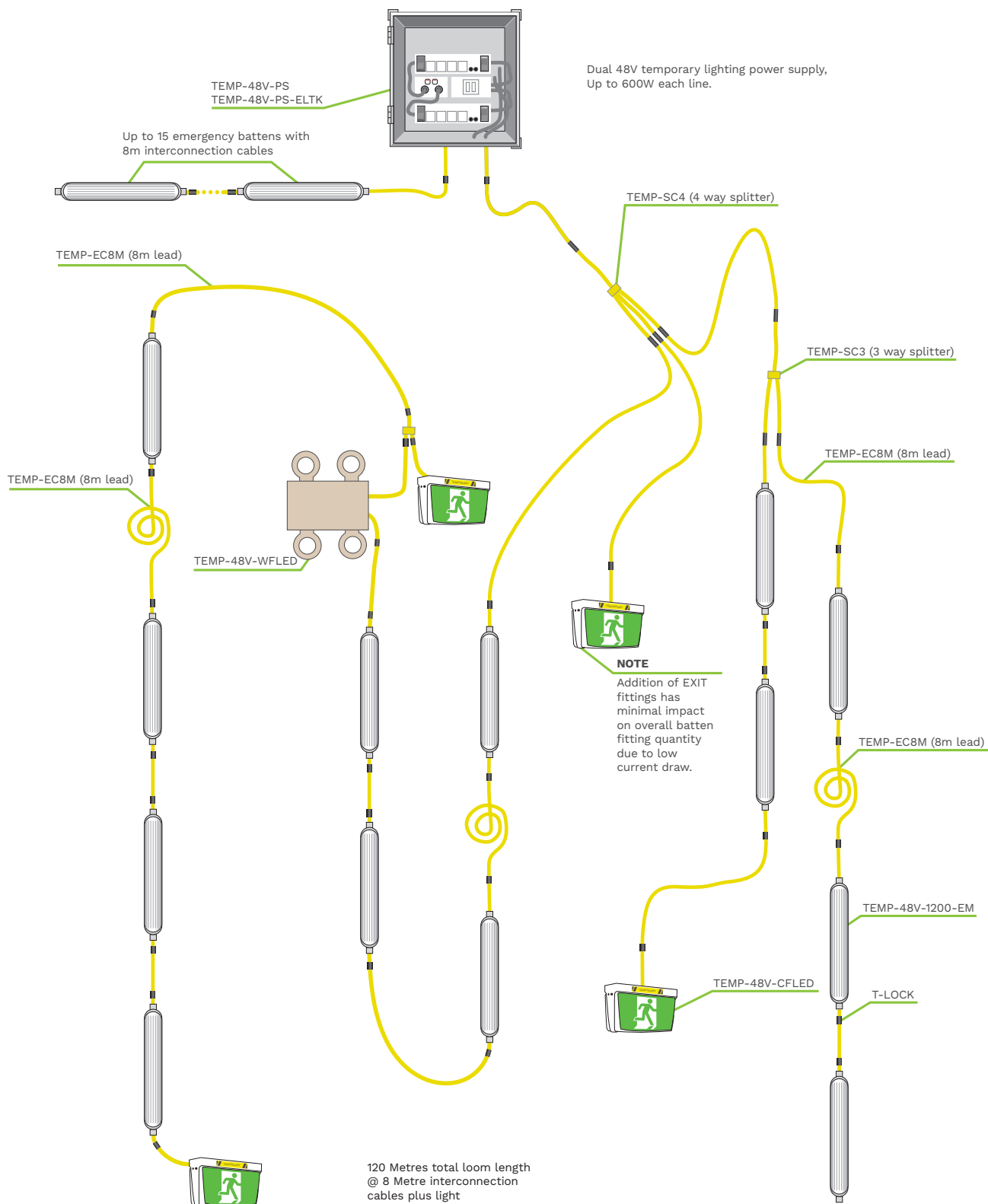
48V TEMPORARY COMPONENTS

48V Example layout

Connect up to 30 emergency batten per power supply (double line) with 8m interconnection cables. This equates to a maximum of 15 emergency batten per line with 8m interconnection cables between each fitting.

Each flood light is considered equivalent to 2 batten in terms of load on the circuit. For example, on a single line, you can connect up to 13 emergency batten plus 1 flood light.

Maximum number of connected fittings per line is determined by overall voltage drop.



48V TEMPORARY COMPONENTS

Design methods for demonstrating emergency lighting compliance

There are three design methods for demonstrating emergency lighting compliance under AS/NZS3012 "Electrical installations on construction sites and demolition sites."

Emergency lighting shall be provided in stairways, passageways and adjacent to switchboards, on all demolition and construction sites where the general lighting cannot be met using natural lighting. Such lighting shall allow safe access to and egress from the site and shall provide the lighting levels specified in Items (a), (b) or (c) below.

Emergency lighting shall, in the required areas

- (a) provide an average of 20 lux at 900 mm above floor level along the centre-line of the corridor containing the emergency luminaires; or

- (b) be installed using luminaires complying with the luminaire classification, mounting height and spacing, as specified in AS/NZS3012 Tables 2, 3, 4 and 5.

- (c) be installed based on calculations of illuminance complying with Clause 4.6.1 of AS/NZS 2293.1—2018 and using a minimum horizontal illuminance of 3 lux. The emergency lighting level shall be provided for a minimum of one hour following loss of normal lighting in the area.

Note: Both (a) and (c) methods require lux plot calculations using specialised software by a qualified lighting designer.

EXAMPLE FOR METHOD (A): Installing the TEMP-48V-1200-EM battens 8m apart end to end at a height of 3m will deliver 20lx @ 900mm AFL in a line directly below the luminaires for 1 hour during a power failure. (With fully charged batteries).

EXAMPLE FOR METHOD (B) SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 3012 (MINIMUM LIGHT LEVEL OF 3 LUX)												
Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m
C200	7.9	8.3	8.7	9.1	9.4	9.7	10	10.3	10.5	10.4	10.4	9.9
D80	7.9	8.1	8.3	8.4	8.4	8.4	8.3	8	7.6	N/A	N/A	N/A
D50	6.5	6.6	6.6	6.6	6.5	6.3	5.9	N/A	N/A	N/A	N/A	N/A

For 1 lux and AS/NZS 2293.1:2018 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>

48V COMPONENTS

PART NUMBER	SYSTEM COMPONENTS
TEMP-EC4M	4M Yellow Extension Cable - IP65
TEMP-EC6M	6M Yellow Extension Cable - IP65
TEMP-EC8M	8M Yellow Extension Cable - IP65
TEMP-FP1M	1M Temp. Female Plugged Loom - IP65
TEMP-SC3	Splitter Connector - IP65 3 Way
TEMP-SC4	Splitter Connector - IP65 4 Way
T-Lock	Connector locking device to prevent unauthorised disconnection of emergency lighting cables as per the requirement of AS/NZS:3012 - 2019 - 2.7.3.1

REPLACEMENT PARTS	
133-00009	Power Supply, Mean Well HLG-600H-48A (2)

48V DC TEMPORARY POWER SUPPLY

PRODUCT INFORMATION	
Part Number	TEMP-48V-PS / TEMP-48V-PS-ELTK
Description	Temporary Lighting double line 48V DC 1200W power supply with two short flex and plugs (output) for connection to the temporary light cabling system. * ELTK denotes with timer test switch
Construction	Metal enclosure
Mounting	Surface mount
Dimensions L x W x H	400mm x 400mm x 200mm
Weight	20kg
Charging Method	Intelligent current limited constant voltage
Operating Voltage	240V AC; 50Hz
Rated Output Voltage	48V DC (SELV)
Rated Output Current	20A (Combined, nominal output of the two power supplies). Absolute maximum rated current for each power supply at 48V is 12.5A)
IP Rating	IP66
Operating Temperature	0°C to 40°C

48V TEMPORARY EXIT



Designed for Temporary Exit Applications

The 48V Temporary Exit has been designed to assist those responsible for ensuring compliance to AS/NZS 3012 – “Electrical installations on construction sites and demolition sites.”

Installation is easy with a flex & plug. Chain suspension hooks are fitted to the IP20 (indoor) version as standard.

The tamper resistant cover make the 48V Temporary Exit the easiest choice for all construction sites.

Applications



Construction Sites



Features and Benefits

- AS/NZS 2293.3 compliant with 1 hour emergency duration in accordance with AS/NZS3012
- Low 1.5W standby power consumption
- Wall, ceiling and chain mount options
- All directional decals in one box
- Hooks for chain mounting
- 48V SELV plug & play connection



48V TEMPORARY EXIT

ORDERING INFORMATION	INDOOR ①	OUTDOOR ②
Part Number	TEMP-48V-CFLED	TEMP-48V-WELED
Carton Quantity	1	1
Weight - Single (Carton)	1.2kg	2.8kg
Dimensions (L x W x H)	355mm x 80mm x 215mm	410mm x 272mm x 100mm
Directional Options	All Directional Inserts Included	All Directional Inserts Included

POWER, LAMPS AND BATTERY	INDOOR	OUTDOOR
Power Consumption (Standby / Max)	1.5W (Standby) / 2.7W (Max)	
Lamp(s)	50,000 Hours	
Battery	Lithium Iron Phosphate	
Voltage (V) / Capacity (mAh)	3.2V / 3000mAh	
Charging Method	Intelligent Current Limited Constant Voltage	

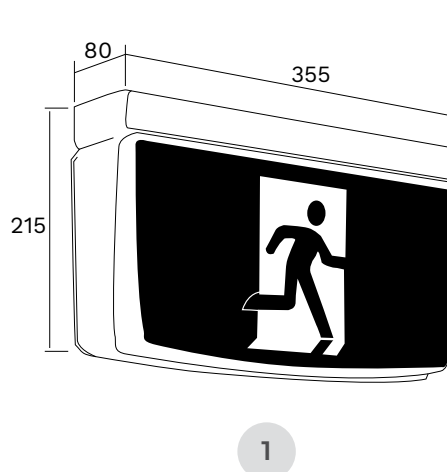
TECHNICAL SPECIFICATIONS	INDOOR	OUTDOOR
Operating Mode	Maintained	
Voltage (V) Frequency (Hz)	38-54V DC	38-54V DC
Construction - Body / Diffuser	PC-ABS / PC	Cleverfit Inside Glass Reinforced Nylon Base & PC Cover
Viewing Distance	24m	
Mounting Type	Suspended or Wall Mount	Wall & Ceiling (Single & Double Sided)
Operating Temperature	1°C to 40°C	0°C to 40°C
Ingress Protection Rating (IP)	IP20	IP66/67
Impact Rating (IK)	-	IK10

CLASSIFICATION – AS/NZS 2293.1:2018	INDOOR	OUTDOOR
C0	D4	D2.5
C90	E2.5	E1.6

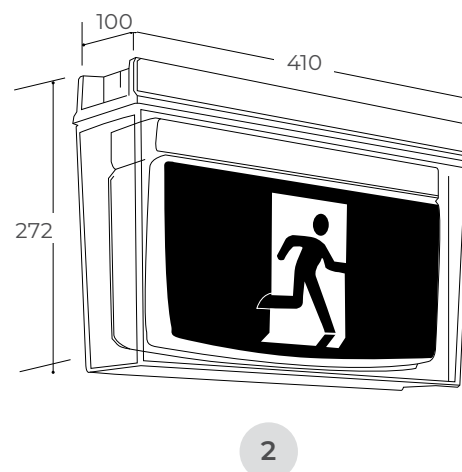
*Warranty information located at: <https://clevertronics.com.au/warranty-statement/>

Product Configuration:

- ① Indoor
- ② Outdoor



1



2

Dimensions (mm)

48V TEMPORARY WEATHERPROOF BATTEN



48V Project Batten for Fast & Flexible Installation

The purpose of a 48V Temporary Lighting system is to provide the contractor flexibility when installing and moving temporary lighting systems on construction sites.

Egress routes and work areas often change on construction sites and therefore the lighting systems must move with the ever-changing site.

Applications



Construction Sites



Features and Benefits

- AS/NZS 2293.3 compliant
- Switchable LED
- IP65
- Surface mount or chain suspension
- 48V SELV plug & play connections



48V TEMPORARY WEATHERPROOF 600MM BATTEN

ORDERING INFORMATION	SUSTAINED EM 48V	48V
Nominal Size	600mm	600mm
Part Number	TEMP-48V-600-EM	TEMP-48V-600
Carton Quantity	1	
Weight - Single (Carton)	1.0kg	
Dimensions (L x W X H)	666mm x 88mm x 81mm	

TECHNICAL SPECIFICATIONS	SUSTAINED EM 48V	48V
Construction - Base	UV Stabilised Polycarbonate	
Construction - Diffuser	UV Stabilised Polycarbonate	
Voltage (V)	38-54V DC	
Power Consumption (Standby / Max)	0.4W / 14.2W	12.0W
Nominal Total Lumen Output	1800lm	
Colour Rendering Index (CRI)	>80	
LED CCT & Lifetime	4000K, L70/B50 Ta 40°C, Reported > 72,000h, Projected 152,250h	
Operating Temperature	0°C to 40°C	
Ingress Protection Rating (IP)	IP65	
IK Rating	IK08	

EMERGENCY SPECIFICATIONS	SUSTAINED EM 48V	48V
Operating Mode	Sustained	-
Battery Configuration	Integral	-
Battery Type	Lithium Iron Phosphate	-
Voltage / Capacity (mAh)	3.2V / 3000mAh	-
Charging Method	Intelligent Current Limited Constant Voltage	-

CLASSIFICATION – AS/NZ 2293.3	SUSTAINED EM 48V	48V
Co	D80	-
C90	D50	-

48V TEMPORARY WEATHERPROOF 1200MM BATTEN

ORDERING INFORMATION	SUSTAINED EM 48V	48V
Nominal Size	1200mm	1200mm
Part Number	TEMP-48V-1200-EM	TEMP-48V-1200
Carton Quantity	1	
Weight - Single (Carton)	1.7kg	1.6kg
Dimensions (L x W x H)	1264mm x 88mm x 81mm	

TECHNICAL SPECIFICATIONS	SUSTAINED EM 48V	48V
Construction - Base	UV Stabilised Polycarbonate	
Construction - Diffuser	UV Stabilised Polycarbonate	
Voltage (V)	38-54V DC	
Power Consumption (Standby / Max)	0.4W / 26.2W	24.0W
Nominal Total Lumen Output	3626lm	
Colour Rendering Index (CRI)	>80	
LED CCT & Lifetime	4000K, L70/B50 Ta 40oC, Reported > 72,000h, Projected 152,250h	
Operating Temperature	0°C to 40°C	
Ingress Protection Rating (IP)	IP65	
IK Rating	IK08	

EMERGENCY SPECIFICATIONS	SUSTAINED EM 48V	48V
Operating Mode	Sustained	-
Battery Configuration	Integral	-
Battery Type	Lithium Iron Phosphate	-
Voltage / Capacity (mAh)	3.2V / 3000mAh	-
Charging Method	Intelligent Current Limited Constant Voltage	-

CLASSIFICATION	SUSTAINED EM 48V	48V
C0	D80/C200	-
C90	D50/C200	-

48V TEMPORARY WEATHERPROOF BATTEN

Design methods for demonstrating emergency lighting compliance

There are three design methods for demonstrating emergency lighting compliance under AS/NZ3012 "Electrical installations on construction sites and demolition sites." Emergency lighting shall be provided in stairways, passageways and adjacent to switchboards, on all demolition and construction sites where the general lighting cannot be met using natural lighting. Such lighting shall allow safe access to and egress from the site and shall provide the lighting levels specified in Items (a), (b) or (c) below.

Emergency lighting shall, in the required areas

- (a) provide an average of 20 lux at 900 mm above floor level along the centre-line of the corridor containing the emergency luminaires; or

- (b) be installed using luminaires complying with the luminaire classification, mounting height and spacing, as specified in AS/NZS3012 Tables 2, 3, 4 and 5.
- (c) be installed based on calculations of illuminance complying with Clause 4.6.1 of AS/NZS 2293.1—2018 and using a minimum horizontal illuminance of 3 lux. The emergency lighting level shall be provided for a minimum of one hour following loss of normal lighting in the area.

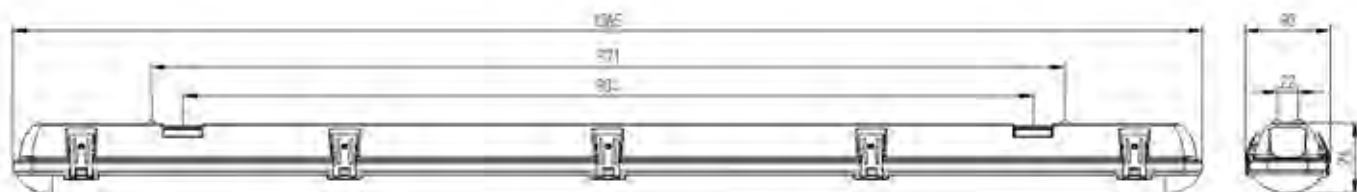
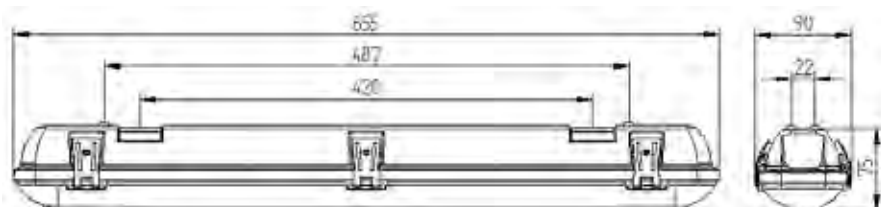
Note: Both (a) and (c) methods require lux plot calculations using specialised software by a qualified lighting designer.

EXAMPLE FOR METHOD (A): Installing the TEMP-48V-1200-EM battens 8m apart end to end at a height of 3m will deliver 20lx @ 900mm AFL in a line directly below the luminaires for 1 hour during a power failure. (With fully charged batteries).

EXAMPLE FOR METHOD (B) SPACING TABLE AND MOUNTING HEIGHTS – AS/NZS 3012 (MINIMUM LIGHT LEVEL OF 3 LUX)

Classification	2.1m	2.4m	2.7m	3.0m	3.3m	3.6m	4.0m	4.5m	5.0m	6.0m	7.0m	8.0m
C200	7.9	8.3	8.7	9.1	9.4	9.7	10	10.3	10.5	10.4	10.4	9.9
D80	7.9	8.1	8.3	8.4	8.4	8.4	8.3	8	7.6	N/A	N/A	N/A
D50	6.5	6.6	6.6	6.6	6.5	6.3	5.9	N/A	N/A	N/A	N/A	N/A

For 1 lux and AS/NZS 2293.1:2018 spacing tables please visit: <https://clevertronics.com.au/spacing-tables/>



48V TEMPORARY WEATHERPROOF FLOOD LIGHT



High Output 48V Weatherproof Flood Light

Engineered for reliability in demanding environments, the Clevertronics 48V Temporary Weatherproof Flood Light delivers high-output illumination with superior energy efficiency and safety. Designed for temporary lighting applications such as construction sites, tunnels, and maintenance areas, it features robust IP65 protection, impact resistance, and quick-connect cabling for fast setup and relocation.

Applications



Construction Sites

Features and Benefits

- AS/NZS 2293.3 compliant
- LED Adjustable Lamps
- IP65 Ingress Protection
- IK08 Impact Resistant
- 48V SELV plug & play connections



Surface
Mount



3327lm



IP65



IK08

48V TEMPORARY WEATHERPROOF FLOOD LIGHT

ORDERING INFORMATION	48V WEATHERPROOF FLOOD LIGHT
Product Code	TEMP-48v-WFLED
Carton Quantity	1
Weight - Single (Carton)	2.35kg
Dimensions (L x W X H)	Total: 395mm x 100mm x 300mm Enclosure: 150mm x 100mm x 250mm

TECHNICAL SPECIFICATIONS	48V WEATHERPROOF FLOOD LIGHT
Construction	Polycarbonate enclosure and aluminium flood light head
Voltage (V)	38-54V DC
Power Consumption	36W
Nominal Total Light Output	3327lm (831.75lm / head)
Colour Rendering Index (CRI)	>80
LED CCT & Lifetime	4000K, 60,000hrs L70/B50 Ta 40°C, Reported > 60,000h, projected > 148,790h
Operating Temperature	0°C to 40°C
Ingress Protection Rating (IP)	IP65
IK Rating	IK08

SPACING TABLES

0.2 LX SPACING TABLES

Exit	205
Emergency	209
Batten	213

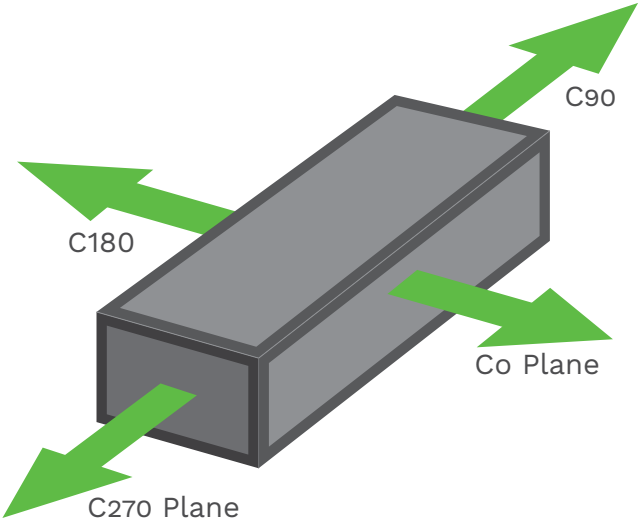
1 LX SPACING TABLES

Exit	216
Emergency	220
Batten	224

This spacing table data is for general information and should be read in conjunction with the Emergency Lighting Standard AS/NZS2293.1.

The spacings shown in these tables are for use in applications requiring either 0.2 lux or 1.0 lux (minimum) horizontal illumination. Any design for an emergency lighting system should be undertaken by a qualified person in accordance with the NCC (or in New Zealand the New Zealand Building Code F6 and F8) and AS/NZS2293.1.

Contact Clevertronics for further information and design support.



EXIT LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 0.2 LX)

0.2 lx

SPIRIT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E2.5	5.6	5.8	5.8	6.0	5.8	5.8	5.2	5.2	4.6
	C90	D2.5	5.8	5.8	5.7	5.6	5.4	5.1	4.5	-	-
AS/NZS 2293.1:2018	C0	E2.5	5.4	5.6	5.8	5.8	5.8	0.0	0.0	0.0	0.0
	C90	D2.5	5.8	5.8	5.7	5.6	5.3	0.0	0.0	0.0	N/A

SPIRIT BLACK

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	A1.25	2.5	2.4	2.2	1.9	1.3	N/A	N/A	N/A	N/A
	C90	A1.25	2.5	2.4	2.2	1.9	1.3	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	A1.25	2.5	2.4	0.0	0.0	0.0	N/A	N/A	N/A	N/A
	C90	A1.25	2.5	2.4	0.0	0.0	0.0	N/A	N/A	N/A	N/A

CLEVERFIT EXIT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D6.3	8.6	8.8	9.0	9.1	9.2	9.2	9.2	9.0	8.7
	C0	E2.5	5.6	5.8	5.8	6.0	5.8	5.8	5.2	5.2	4.6
	C90	D5	7.8	8.0	8.1	8.2	8.2	8.2	8.0	7.7	7.3
	C90	E2	5.2	5.2	5.4	5.2	5.0	4.6	4.8	4.0	-
AS/NZS 2293.1:2018	C0	D6.3	8.5	8.8	8.9	9.1	9.1	9.2	9.1	9.0	8.7
	C0	E2.5	5.4	5.6	5.8	5.8	5.8	0.0	0.0	0.0	0.0
	C90	D5	7.8	8.0	8.1	8.2	8.2	8.1	8.0	7.7	7.2
	C90	E2	5.0	5.2	5.2	5.2	0.0	0.0	0.0	0.0	N/A

CLEVERFIT PRO

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D3.2	6.5	6.6	6.6	6.5	6.4	6.2	5.8	5.1	4.1
	C90	B16	6.4	6.8	7.2	7.6	7.9	8.2	8.6	9.0	9.3
AS/NZS 2293.1:2018	C0	D3.2	6.5	6.5	6.5	6.5	6.3	6.1	5.8	0.0	0.0
	C90	B16	6.4	6.8	7.2	7.6	7.9	8.2	8.6	9.0	9.3

SWINGBLADE

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D6.3	8.6	8.8	9.0	9.1	9.2	9.2	9.2	9.0	8.7
	C90	E3.2	6.0	6.2	6.4	6.6	6.6	6.6	6.6	5.8	5.8
AS/NZS 2293.1:2018	C0	D6.3	8.5	8.8	8.9	9.1	9.1	9.2	9.1	9.0	8.7
	C90	E3.2	5.8	6.1	6.4	6.5	6.6	6.6	6.4	0.0	0.0

GLIDER

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E3.2	7.0	7.6	8.0	8.4	8.6	8.8	9.2	9.4	9.4
	C90	E3.2	6.0	6.2	6.4	6.6	6.6	6.6	6.6	5.8	5.8
AS/NZS 2293.1:2018	C0	E3.2	5.8	6.1	6.4	6.5	6.6	6.6	6.4	0.0	0.0
	C90	E3.2	5.8	6.1	6.4	6.5	6.6	6.6	6.4	0.0	0.0

ULTRABLADE PRO SURFACE MOUNT EXIT

AS/NZS STANDARD	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E6.3	6.0	6.2	6.4	6.6	6.6	6.6	6.6	5.8	5.8
	C90	E6.3	6.0	6.2	6.4	6.6	6.6	6.6	6.6	5.8	5.8
AS/NZS 2293.1:2018	C0	E6.3	6.9	7.4	7.9	8.2	8.5	8.8	9.1	9.2	9.3
	C90	E6.3	6.9	7.4	7.9	8.2	8.5	8.8	9.1	9.2	9.3

EXIT LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 0.2 LX)

0.2 lx

ULTRABLADE PRO RECESSED MOUNT EXIT

AS/NZS STANDARD	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E5	6.6	7.2	7.4	7.8	8.0	8.2	8.4	8.4	8.2
	C0	E6.3	6.0	6.2	6.4	6.6	6.6	6.6	6.6	5.8	5.8
	C90	E5	6.6	7.2	7.4	7.8	8.0	8.2	8.4	8.4	8.1
	C90	E6.3	6.0	6.2	6.4	6.6	6.6	6.6	6.6	5.8	5.8
AS/NZS 2293.1:2018	C0	E5	6.6	7.0	7.4	7.7	7.9	8.1	8.2	8.2	8.0
	C0	E6.3	6.9	7.4	7.9	8.2	8.5	8.8	9.1	9.2	9.3
	C90	E5	6.6	7.0	7.4	7.7	7.9	8.1	8.2	8.2	8.0
	C90	E6.3	6.9	7.4	7.9	8.2	8.5	8.8	9.1	9.2	9.3

ULTRABLADE PRO FLAG MOUNTED EXIT - VERTICAL DECAL

AS/NZS STANDARD	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E1.25	4.2	4.2	4.0	3.6	4.0	3.0	N/A	N/A	N/A
	C90	B1.25	2.7	2.6	2.4	2.0	1.4	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	E1.25	4.1	4.1	0.0	0.0	0.0	0.0	N/A	N/A	N/A
	C90	B1.25	2.7	2.6	0.0	0.0	0.0	N/A	N/A	N/A	N/A

ULTRABLADE PRO ROD SUSPENDED EXIT

AS/NZS STANDARD	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E5	6.6	7.2	7.4	7.8	8.0	8.2	8.4	8.4	8.2
	C90	E5	6.6	7.2	7.4	7.8	8.0	8.2	8.4	8.4	8.2
AS/NZS 2293.1:2018	C0	E5	6.6	7.0	7.4	7.7	7.9	8.1	8.2	8.2	8.0
	C90	E5	6.6	7.0	7.4	7.7	7.9	8.1	8.2	8.2	8.0

FORM-16-ESC LENS PERPENDICULAR TO THE BLADE

AS/NZS STANDARD	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D32	15.4	16.1	16.7	17.2	17.6	18	18.5	19.1	19.5
	C90	C10	7.3	7.7	8.0	8.3	8.6	8.8	9.0	9.1	9.2
AS/NZS 2293.1:2018	C0	D32	11.5	13.2	14.8	16.5	17.6	18	18.5	19	19.5
	C90	C10	7.3	7.7	8.0	8.3	8.6	8.8	9.0	9.1	9.2

FORM-16-ESC LENS PARALLEL TO THE BLADE

AS/NZS STANDARD	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	C12.5	7.8	8.2	8.6	8.9	9.2	9.5	9.8	10.0	10.2
	C90	D32	15.4	16.1	16.7	17.2	17.6	18	18.5	19.1	19.5
AS/NZS 2293.1:2018	C0	C12.5	7.8	8.2	8.6	8.9	9.2	9.5	9.8	10.0	10.2
	C90	D32	11.5	13.2	14.8	16.5	17.6	18	18.5	19	19.5

FORM-16-ESC LENS MIXED; 1 PERPENDICULAR, 1 PARALLEL

AS/NZS STANDARD	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D25	14.2	14.7	15.3	15.7	16.1	16.5	16.9	17.3	17.7
	C90	D20	13.1	13.6	14.1	14.5	14.8	15.1	15.5	15.8	16.1
AS/NZS 2293.1:2018	C0	D25	11.5	13.2	14.8	15.7	16.1	16.4	16.8	17.3	17.6
	C90	D20	11.5	13.2	14.0	14.4	14.8	15.1	15.4	15.8	16.0

BOXLITE EXIT CEILING MOUNT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D3.2	6.5	6.6	6.6	6.5	6.4	6.2	5.8	5.1	4.1
	C90	D3.2	6.5	6.6	6.6	6.5	6.4	6.2	5.8	5.1	4.1
AS/NZS 2293.1:2018	C0	D3.2	6.5	6.5	6.5	6.5	6.3	6.1	5.8	0.0	0.0
	C90	D3.2	6.5	6.5	6.5	6.5	6.3	6.1	5.8	0.0	0.0

EXIT LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 0.2 LX)

0.2 lx

BOXLITE EXIT WALL MOUNT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E2	5.2	5.2	5.4	5.2	5.0	4.6	4.8	4.0	-
	C90	E2	5.2	5.2	5.4	5.2	5.0	4.6	4.8	4.0	-
AS/NZS 2293.1:2018	C0	E2	5.0	5.2	5.2	5.2	0.0	0.0	0.0	0.0	N/A
	C90	E2	5.0	5.2	5.2	5.2	0.0	0.0	0.0	0.0	N/A

JUMBO LED EXIT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D6.3	8.6	8.8	9.0	9.1	9.2	9.2	9.2	9.0	8.7
	C90	E3.2	6.0	6.2	6.4	6.6	6.6	6.6	6.6	5.8	5.8
AS/NZS 2293.1:2018	C0	D6.3	8.5	8.8	8.9	9.1	9.1	9.2	9.1	9.0	8.7
	C90	E3.2	5.8	6.1	6.4	6.5	6.6	6.6	6.4	0.0	0.0

GIGANTOR LED EXIT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D80	21.1	22.0	22.8	23.6	24.3	25.0	25.8	26.7	27.5
	C90	D80	21.1	22.0	22.8	23.6	24.3	25.0	25.8	26.7	27.5
AS/NZS 2293.1:2018	C0	D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5
	C90	D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5

WEATHERPROOF UNIVERSAL EXIT 24M

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E2	5.2	5.2	5.4	5.2	5.0	4.6	4.8	4.0	-
	C90	E1.6	4.8	4.8	4.8	4.4	4.0	4.2	3.8	-	-
	C90	E2	5.2	5.2	5.4	5.2	5.0	4.6	4.8	4.0	-
AS/NZS 2293.1:2018	C0	E2	5.0	5.2	5.2	5.2	0.0	0.0	0.0	0.0	N/A
	C90	E1.6	4.6	4.7	4.6	0.0	0.0	0.0	0.0	N/A	N/A
	C90	E2	5.0	5.2	5.2	5.2	0.0	0.0	0.0	0.0	N/A

WEATHERPROOF WALL MOUNT EXIT 24M (LP & L10)

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E1.6	4.8	4.8	4.8	4.4	4.0	4.2	3.8	-	-
	C90	E1.6	4.8	4.8	4.8	4.4	4.0	4.2	3.8	-	-
AS/NZS 2293.1:2018	C0	E1.6	4.6	4.7	4.6	0.0	0.0	0.0	0.0	N/A	N/A
	C90	E1.6	4.6	4.7	4.6	0.0	0.0	0.0	0.0	N/A	N/A

WEATHERPROOF UNIVERSAL 40M JUMBO EXIT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D6.3	8.6	8.8	9.0	9.1	9.2	9.2	9.2	9.0	8.7
	C90	E4	6.2	6.6	7.0	7.2	7.4	7.4	7.4	7.2	6.6
AS/NZS 2293.1:2018	C0	D6.3	8.5	8.8	8.9	9.1	9.1	9.2	9.1	9.0	8.7
	C90	E4	6.2	6.6	6.9	7.1	7.3	7.4	7.4	0.0	0.0

LOW TEMPERATURE WALL MOUNT EXIT 24M

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E1.6	4.8	4.8	4.8	4.4	4.0	4.2	3.8	-	-
	C90	E1.6	4.8	4.8	4.8	4.4	4.0	4.2	3.8	-	-
AS/NZS 2293.1:2018	C0	E1.6	4.6	4.7	4.6	0.0	0.0	0.0	0.0	N/A	N/A
	C90	E1.6	4.6	4.7	4.6	0.0	0.0	0.0	0.0	N/A	N/A

■ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

EXIT LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 0.2 LX)

0.2 lx

LOW TEMPERATURE UNIVERSAL EXIT 24M

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D2.5	5.8	5.8	5.7	5.6	5.4	5.1	4.5	-	-
	C90	E4	6.2	6.6	7.0	7.2	7.4	7.4	7.4	7.2	6.6
AS/NZS 2293.1:2018	C0	D2.5	5.8	5.8	5.7	5.6	5.3	0.0	0.0	0.0	N/A
	C90	E4	6.2	6.6	6.9	7.1	7.3	7.4	7.4	0.0	0.0

LOW TEMPERATURE WALL MOUNT EXIT 40M

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E1.6	4.8	4.8	4.8	4.4	4.0	4.2	3.8	-	-
	C90	E1.25	4.2	4.2	4.0	3.6	4.0	3.0	-	-	-
AS/NZS 2293.1:2018	C0	E1.6	4.6	4.7	4.6	0.0	0.0	0.0	0.0	N/A	N/A
	C90	E1.25	4.1	4.1	0.0	0.0	0.0	0.0	N/A	N/A	N/A

VANDAL RESISTANT EXIT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D3.2	6.5	6.6	6.6	6.5	6.4	6.2	5.8	5.1	4.1
	C90	E8	7.4	8.0	8.4	9.0	9.2	9.6	10.0	10.2	10.4
AS/NZS 2293.1:2018	C0	D3.2	6.5	6.5	6.5	6.5	6.3	6.1	5.8	0.0	0.0
	C90	E8	7.3	7.9	8.4	8.8	9.2	9.5	9.9	10.2	10.4

CLEVEREVAC DYNAMIC EXIT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E2.5	5.6	5.8	5.8	6.0	5.8	5.8	5.2	5.2	4.6
	C90	E1.6	4.8	4.8	4.8	4.4	4.0	4.2	3.8	-	-
AS/NZS 2293.1:2018	C0	E2.5	5.4	5.6	5.8	5.8	5.8	0.0	0.0	0.0	0.0
	C90	E1.6	4.6	4.7	4.6	0.0	0.0	0.0	0.0	N/A	N/A

CLEVEREVAC DYNAMIC BLADE EXIT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D5	7.8	8.0	8.1	8.2	8.2	8.2	8.0	7.7	7.3
	C0	E4	6.2	6.6	7.0	7.2	7.4	7.4	7.4	7.2	6.6
	C90	C25	9.4	10.0	10.5	11.0	11.5	11.9	12.4	12.9	13.4
	C90	C32	10.0	10.7	11.3	11.8	12.3	12.8	13.4	14.0	14.5
AS/NZS 2293.1:2018	C0	D5	7.8	8.0	8.1	8.2	8.2	8.1	8.0	7.7	7.2
	C0	E4	6.2	6.8	6.9	7.1	7.3	7.4	7.4	0.0	0.0
	C90	C25	9.4	10.0	10.5	11.0	11.5	11.9	12.4	12.9	13.4
	C90	C32	10.0	10.7	11.3	11.8	12.3	12.8	13.4	14.0	14.5

EMERGENCY LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 0.2 LX)

0.2 lx

NIFTY RECESSED AND SURFACE MOUNT

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
	C90	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
AS/NZS 2293.1:2018	C0	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0
	C90	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

LIFELIGHT RECESSED & SURFACE MOUNT; INC WEATHERPROOF

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
	C90	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
AS/NZS 2293.1:2018	C0	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0
	C90	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

LIFELIGHT IP44 RECESSED - L10 BATTERY

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
	C90	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
AS/NZS 2293.1:2018	C0	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0
	C90	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

LIFELIGHT IP44 RECESSED - LP BATTERY

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9
	C90	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9
AS/NZS 2293.1:2018	C0	D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8
	C90	D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8

LIFELIGHT PRO RECESSED & SURFACE MOUNT; INC IP20 CYLINDER & SM WEATHERPROOF

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D80	21.1	22.0	22.8	23.6	24.3	25.0	25.8	26.7	27.5	28.9	30.0	30.9	31.6	32.1
	C90	D80	21.1	22.0	22.8	23.6	24.3	25.0	25.8	26.7	27.5	28.9	30.0	30.9	31.6	32.1
AS/NZS 2293.1:2018	C0	D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9	31.5	32.1
	C90	D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9	31.5	32.1

LIFELIGHT PRO IP66 WEATHERPROOF (REMOTE PACK)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D63	19.4	20.3	21.1	21.8	22.4	23.0	23.7	24.5	25.2	26.4	27.4	28.1	28.6	28.9
	C90	D63	19.4	20.3	21.1	21.8	22.4	23.0	23.7	24.5	25.2	26.4	27.4	28.1	28.6	28.9
AS/NZS 2293.1:2018	C0	D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28.0	28.5	28.8
	C90	D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28.0	28.5	28.8

LIFELIGHT PRO IP66 WEATHERPROOF (INTEGRAL GEAR)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9
	C90	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9
AS/NZS 2293.1:2018	C0	D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8
	C90	D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8

■ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

EMERGENCY LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 0.2 LX)

0.2 lx

LIFELIGHT PRO WEATHERPROOF CYLINDER & RECWP DOWNLIGHT																
AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9
	C90	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9
AS/NZS 2293.1:2018	C0	D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8
	C90	D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8

WEATHERPROOF EMERGENCY POD (LIFELIGHT)																
AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
	C90	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
AS/NZS 2293.1:2018	C0	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0
	C90	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

WEATHERPROOF EMERGENCY POD (LIFELIGHT PRO)																
AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D80	21.1	22.0	22.8	23.6	24.3	25.0	25.8	26.7	27.5	28.9	30.0	30.9	31.6	32.1
	C90	D80	21.1	22.0	22.8	23.6	24.3	25.0	25.8	26.7	27.5	28.9	30.0	30.9	31.6	32.1
AS/NZS 2293.1:2018	C0	D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9	31.5	32.1
	C90	D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9	31.5	32.1

TWIN WEATHERPROOF EMERGENCY POD (LIFELIGHT PRO)																
AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D160	26.6	27.8	28.9	29.9	30.8	31.7	32.8	34.0	35.1	37.1	38.8	40.2	41.5	42.5
	C90	D160	26.6	27.8	28.9	29.9	30.8	31.7	32.8	34.0	35.1	37.1	38.8	40.2	41.5	42.5
AS/NZS 2293.1:2018	C0	D160	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	33.0	38.5	40.2	41.4	42.5
	C90	D160	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	33.0	38.5	40.2	41.4	42.5

LIFELIGHT TRACK MOUNT																
AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
	C90	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
AS/NZS 2293.1:2018	C0	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0
	C90	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

LIFELIGHT LINEAR TRACK MOUNT																
AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
	C90	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
AS/NZS 2293.1:2018	C0	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0
	C90	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

■ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

EMERGENCY LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 0.2 LX)

0.2 lx

ARGONAUT SQUARE

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D63	19.4	20.3	21.1	21.8	22.4	23.0	23.7	24.5	25.2	26.4	27.4	28.1	28.6	28.9
	C90	D63	19.4	20.3	21.1	21.8	22.4	23.0	23.7	24.5	25.2	26.4	27.4	28.1	28.6	28.9
AS/NZS 2293.1:2018	C0	D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28.0	28.5	28.8
	C90	D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28.0	28.5	28.8

CIRCLITE (TS)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
	C90	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
AS/NZS 2293.1:2018	C0	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0
	C90	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

CIRCLITE (LP)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9
	C90	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9
AS/NZS 2293.1:2018	C0	D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8
	C90	D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8

ARGO CIRC (LP)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9
	C90	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9
AS/NZS 2293.1:2018	C0	D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8
	C90	D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8

ARGO CIRC (TS)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
	C90	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
AS/NZS 2293.1:2018	C0	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0
	C90	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

BUNKALITE

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9
	C90	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9
AS/NZS 2293.1:2018	C0	D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8
	C90	D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8

■ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

EMERGENCY LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 0.2 LX)

0.2 lx

ARGOWALL (LP)																	
AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m	
AS/NZS 2293.1:2005	C0	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1	
	C90	D125	24.5	25.6	27.5	28.3	29.1	30.1	31.2	32.2	34	35.5	36.7	37.8	38.6	40.8	
	C180	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9	
	C270	D125	24.5	25.6	27.5	28.3	29.1	30.1	31.2	32.2	34	35.5	36.7	37.8	38.6	40.8	
AS/NZS 2293.1:2018	C0	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0	
	C90	D125	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	33.0	35.4	36.7	37.7	38.6	
	C180	D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8	
	C270	D125	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	33.0	35.4	36.7	37.7	38.6	

LOW TEMPERATURE EMERGENCY (-25°C)																
AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9
	C90	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9
AS/NZS 2293.1:2018	C0	D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8
	C90	D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8

LOW TEMPERATURE EMERGENCY (-40°C)																
AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D63	19.4	20.3	21.1	21.8	22.4	23.0	23.7	24.5	25.2	26.4	27.4	28.1	28.6	28.9
	C90	D63	19.4	20.3	21.1	21.8	22.4	23.0	23.7	24.5	25.2	26.4	27.4	28.1	28.6	28.9
AS/NZS 2293.1:2018	C0	D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28	28.5	28.8
	C90	D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28.0	28.5	28.8

■ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained.
A single emergency luminaire shall not serve an area of greater than 500 m².

BATTEN LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 0.2 LX)

0.2 lx

ARGO WEATHERPROOF 600MM

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
	C90	D25	14.2	14.7	15.3	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.3	18.2	17.9	17.3
AS/NZS 2293.1:2018	C0	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0
	C90	D25	11.5	13.2	14.8	15.7	16.1	16.4	16.8	17.3	17.6	18.1	18.3	18.2	17.8	17.2

ARGO WEATHERPROOF 1200MM & 1500MM (TS)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9
	C90	D32	15.4	16.1	16.7	17.2	17.6	18.0	18.5	19.1	19.5	20.2	20.6	20.7	20.6	20.3
AS/NZS 2293.1:2018	C0	D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8
	C90	D32	11.5	13.2	14.8	16.5	17.6	18.0	18.5	19.0	19.5	20.1	20.5	20.7	20.6	20.3

ARGO WEATHERPROOF 1200MM & 1500MM (LP)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D63	19.4	20.3	21.1	21.8	22.4	23.0	23.7	24.5	25.2	26.4	27.4	28.1	28.6	28.9
	C90	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
AS/NZS 2293.1:2018	C0	D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28.0	28.5	28.8
	C90	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

ARGONAUT PLUS 600MM (INTEGRAL BATTERY)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
	C90	D25	14.2	14.7	15.3	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.3	18.2	17.9	17.3
AS/NZS 2293.1:2018	C0	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0
	C90	D25	11.5	13.2	14.8	15.7	16.1	16.4	16.8	17.3	17.6	18.1	18.3	18.2	17.8	17.2

ARGONAUT PLUS 1200MM & 1500MM (INTEGRAL BATTERY)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D63	19.4	20.3	21.1	21.8	22.4	23	23.7	24.5	25.2	26.4	27.4	28.1	28.6	28.9
	C90	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
AS/NZS 2293.1:2018	C0	D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28.0	28.5	28.8
	C90	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

ARGONAUT PLUS 600MM, 1200MM & 1500MM (POD)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D80	21.1	22.0	22.8	23.6	24.3	25.0	25.8	26.7	27.5	28.9	30.0	30.9	31.6	32.1
	C90	D80	21.1	22.0	22.8	23.6	24.3	25.0	25.8	26.7	27.5	28.9	30.0	30.9	31.6	32.1
AS/NZS 2293.1:2018	C0	D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9	31.5	32.1
	C90	D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9	31.5	32.1

ARGONAUT PRO 600MM, 1200MM & 1500MM (INTEGRAL BATTERY)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D63	19.4	20.3	21.1	21.8	22.4	23.0	23.7	24.5	25.2	26.4	27.4	28.1	28.6	28.9
	C90	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
AS/NZS 2293.1:2018	C0	D63	11.5	13.2	14.8	16.5	18.1	19.8	22	24.5	25.2	26.4	27.3	28.0	28.5	28.8
	C90	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

■ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained.
A single emergency luminaire shall not serve an area of greater than 500 m².

BATTEN LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 0.2 LX)

0.2 lx

ARGONAUT PRO 600MM, 1200MM & 1500MM (POD)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D80	21.1	22.0	22.8	23.6	24.3	25.0	25.8	26.7	27.5	28.9	30.0	30.9	31.6	32.1
	C90	D80	21.1	22.0	22.8	23.6	24.3	25.0	25.8	26.7	27.5	28.9	30.0	30.9	31.6	32.1
AS/NZS 2293.1:2018	C0	D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9	31.5	32.1
	C90	D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9	31.5	32.1

ARGONAUT PRO-1200-FREEZER (-25°C)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D63	19.4	20.3	21.1	21.8	22.4	23	23.7	24.5	25.2	26.4	27.4	28.1	28.6	28.9
	C90	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
AS/NZS 2293.1:2018	C0	D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28.0	28.5	28.8
	C90	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

ARGONAUT VANDAL RESISTANT 600MM

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D63	19.4	20.3	21.1	21.8	22.4	23.0	23.7	24.5	25.2	26.4	27.4	28.1	28.6	28.9
	C90	D32	15.4	16.1	16.7	17.2	17.6	18.0	18.5	19.1	19.5	20.2	20.6	20.7	20.6	20.3
AS/NZS 2293.1:2018	C0	D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28.0	28.5	28.8
	C90	D32	11.5	13.2	14.8	16.5	17.6	18.0	18.5	19.0	19.5	20.1	20.5	20.7	20.6	20.3

ARGONAUT VANDAL RESISTANT 1200MM

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D100	22.7	23.7	24.6	25.5	26.3	27.0	27.9	28.9	29.8	31.4	32.7	33.7	34.6	35.3
	C90	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9
AS/NZS 2293.1:2018	C0	D100	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	31.3	32.6	33.7	34.5	35.2
	C90	D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8

EPIC 600MM& 1200MM (TS)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
	C90	D25	14.2	14.7	15.3	15.7	16.1	16.5	16.9	17.3	17.7	18.1	18.3	18.2	17.9	17.3
AS/NZS 2293.1:2018	C0	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0
	C90	D25	11.5	13.2	14.8	15.7	16.1	16.4	16.8	17.3	17.6	18.1	18.3	18.2	17.8	17.2

EPIC 1200MM (LP)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D63	19.4	20.3	21.1	21.8	22.4	23.0	23.7	24.5	25.2	26.4	27.4	28.1	28.6	28.9
	C90	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
AS/NZS 2293.1:2018	C0	D63	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.5	25.2	26.4	27.3	28.0	28.5	28.8
	C90	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

ODYSSEY DIFFUSED 600MM (INTEGRAL BATTERY)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9
	C90	C50	11.3	12.0	12.7	13.4	14.0	14.5	15.2	16.0	16.7	17.9	18.8	19.6	20.1	20.4
AS/NZS 2293.1:2018	C0	D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8
	C90	C50	11.3	12.0	12.7	13.4	14.0	14.5	15.2	16.0	16.7	17.9	18.8	19.6	20.1	20.4

■ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained.
A single emergency luminaire shall not serve an area of greater than 500 m².

BATTEN LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 0.2 LX)

0.2 lx

ODYSSEY DIFFUSED 1200MM (INTEGRAL BATTERY)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D50	18.0	18.7	19.4	20.1	20.7	21.2	21.8	22.5	23.2	24.2	24.9	25.4	25.7	25.9
	C90	D16	12.1	12.6	13.0	13.3	13.6	13.9	14.1	14.6	14.6	14.6	14.4	13.8	12.9	11.5
AS/NZS 2293.1:2018	C0	D50	11.5	13.2	14.8	16.5	18.1	19.8	21.8	22.5	23.1	24.1	24.9	25.4	25.7	25.8
	C90	D16	11.5	12.5	12.9	13.3	13.6	13.8	14.1	14.4	14.5	14.6	14.4	13.8	0.0	0.0

ODYSSEY DIFFUSED 600MM & 1200MM (POD)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
	C90	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
AS/NZS 2293.1:2018	C0	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0
	C90	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

ODYSSEY WIREGUARD 600MM & 1200MM (POD)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
	C90	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
AS/NZS 2293.1:2018	C0	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0
	C90	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

BARE EMERGENCY 600MM & 1200MM (EL & LP)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
	C90	D40	16.7	17.4	18.0	18.6	19.1	19.6	20.1	20.8	21.3	22.1	22.7	23.0	23.1	23.1
AS/NZS 2293.1:2018	C0	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0
	C90	D40	11.5	13.2	14.8	16.5	18.1	19.5	20.1	20.7	21.2	22.1	22.6	23.0	23.1	23.0

BARE EMERGENCY 600MM & 1200MM (L10)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D80	21.1	22.0	22.8	23.6	24.3	25.0	25.8	26.7	27.5	28.9	30	30.9	31.6	32.1
	C90	D80	21.1	22.0	22.8	23.6	24.3	25.0	25.8	26.7	27.5	28.9	30	30.9	31.6	32.1
AS/NZS 2293.1:2018	C0	D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9	31.5	32.1
	C90	D80	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	28.9	30.0	30.9	31.5	32.1

TWIN LIFELIGHT-PRO BARE EMERGENCY 600MM & 1200MM (LP & L10)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D160	26.6	27.8	28.9	29.9	30.8	31.7	32.8	34.0	35.1	37.1	38.8	40.2	41.5	42.5
	C90	D160	26.6	27.8	28.9	29.9	30.8	31.7	32.8	34.0	35.1	37.1	38.8	40.2	41.5	42.5
AS/NZS 2293.1:2018	C0	D160	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	33.0	38.5	40.2	41.4	42.5
	C90	D160	11.5	13.2	14.8	16.5	18.1	19.8	22.0	24.7	27.5	33.0	38.5	40.2	41.4	42.5

■ Care should be taken when spacing luminaires at the distances indicated by the shaded regions to ensure conformance to AS/NZS2293.1, Clause 4.3 is maintained. A single emergency luminaire shall not serve an area of greater than 500 m².

EXIT LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 1 LX)

1 lx

SPIRIT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E2.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	D2.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	E2.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	D2.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

SPIRIT BLACK

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	A1.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	A1.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	A1.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	A1.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

CLEVERFIT EXIT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D6.3	3.9	3.7	3.3	2.4	1.5	N/A	N/A	N/A	N/A
	C0	E2.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	D5	3.3	3.0	2.0	1.1	N/A	N/A	N/A	N/A	N/A
	C90	E2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	E6.3	4.1	4.1	0.0	0.0	0.0	N/A	N/A	N/A	N/A
	C0	E2.5	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	D5	3.4	0.0	0.0	0.0	N/A	N/A	N/A	N/A	N/A
	C90	E2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

CLEVERFIT PRO

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D3.2	1.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	B16	4.0	4.2	4.3	4.3	4.3	4.2	4.0	3.3	2.2
AS/NZS 2293.1:2018	C0	D3.2	0.0	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	B16	4.1	4.2	4.3	4.4	4.3	4.3	4.1	0.0	0.0

SWINGBLADE

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D6.3	3.9	3.7	3.3	2.4	1.5	N/A	N/A	N/A	N/A
	C90	E3.2	1.9	1.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	D6.3	4.0	3.7	0.0	0.0	0.0	N/A	N/A	N/A	N/A
	C90	E3.2	0.0	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A

GLIDER

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E3.2	1.9	1.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E3.2	1.9	1.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	E3.2	0.0	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E3.2	0.0	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A

EXIT LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 1 LX)

1 lx

ULTRABLADE PRO SURFACE MOUNT EXIT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E6.3	4.1	4.0	3.6	2.6	1.6	N/A	N/A	N/A	N/A
	C90	E6.3	4.1	4.0	3.6	2.6	1.6	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	E6.3	4.1	4.1	0.0	0.0	0.0	N/A	N/A	N/A	N/A
	C90	E6.3	4.1	4.1	0.0	0.0	0.0	N/A	N/A	N/A	N/A

ULTRABLADE PRO RECESSED MOUNT EXIT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E5	3.6	3.2	2.2	1.2	N/A	N/A	N/A	N/A	N/A
	C0	E6.3	4.1	4.0	3.6	2.6	1.6	N/A	N/A	N/A	N/A
	C90	E5	3.6	3.2	2.2	1.2	N/A	N/A	N/A	N/A	N/A
	C90	E6.3	4.1	4.0	3.6	2.6	1.6	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	E5	3.7	0.0	0.0	0.0	N/A	N/A	N/A	N/A	N/A
	C0	E6.3	4.1	4.1	0.0	0.0	0.0	N/A	N/A	N/A	N/A
	C90	E5	3.7	0.0	0.0	0.0	N/A	N/A	N/A	N/A	N/A
	C90	E6.3	4.1	4.1	0.0	0.0	0.0	N/A	N/A	N/A	N/A

ULTRABLADE PRO FLAG MOUNTED EXIT - VERTICAL DECAL

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E1.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	B1.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	E1.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	B1.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

ULTRABLADE PRO ROD SUSPENDED EXIT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E5	3.6	3.2	2.2	1.2	N/A	N/A	N/A	N/A	N/A
	C90	E5	3.6	3.2	2.2	1.2	N/A	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	E5	3.7	0.0	0.0	0.0	N/A	N/A	N/A	N/A	N/A
	C90	E5	3.7	0.0	0.0	0.0	N/A	N/A	N/A	N/A	N/A

FORM-16-ESC LENS PERPENDICULAR TO THE BLADE

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D32	8.5	8.8	9.0	9.1	9.2	9.2	9.2	9.0	8.7
	C90	C10	4.1	4.1	4.0	3.9	3.6	3.0	2.0	N/A	N/A
AS/NZS 2293.1:2018	C0	D32	8.6	8.8	9.0	9.1	9.2	9.2	9.2	9.0	8.8
	C90	C10	4.1	4.1	4.1	3.9	0.0	0.0	0.0	N/A	N/A

FORM-16-ESC LENS PARALLEL TO THE BLADE

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	C12.5	4.5	4.6	4.6	4.5	4.4	4.1	3.4	2.1	N/A
	C90	D32	8.5	8.8	9.0	9.1	9.2	9.2	9.2	9.0	8.7
AS/NZS 2293.1:2018	C0	C12.5	4.5	4.6	4.6	4.5	4.4	0.0	0.0	0.0	N/A
	C90	D32	8.6	8.8	9.0	9.1	9.2	9.2	9.2	9.0	8.8

EXIT LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 1 LX)

1 lx

FORM-16-ESC LENS MIXED; 1 PERPENDICULAR, 1 PARALLEL

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D25	7.7	7.9	8.0	8.1	8.1	8.1	7.9	7.6	7.2
	C90	D20	7.1	7.2	7.2	7.2	7.2	7.1	6.8	6.4	5.7
AS/NZS 2293.1:2018	C0	D25	7.8	8.0	8.1	8.2	8.2	8.1	8.0	7.7	7.2
	C90	D20	7.1	7.2	7.3	7.3	7.2	7.1	6.9	6.0	5.0

BOXLITE EXIT CEILING MOUNT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D3.2	1.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	D3.2	1.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	D3.2	0.0	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	D3.2	0.0	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A

BOXLITE EXIT WALL MOUNT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	E2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

JUMBO LED EXIT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D6.3	3.9	3.7	3.3	2.4	1.5	N/A	N/A	N/A	N/A
	C90	E3.2	1.9	1.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	D6.3	4.0	3.7	0.0	0.0	0.0	N/A	N/A	N/A	N/A
	C90	E3.2	0.0	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A

GIGANTOR LED EXIT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D80	12.0	12.5	12.9	13.2	13.5	13.8	14	14.3	14.5
	C90	D80	12.0	12.5	12.9	13.2	13.5	13.8	14	14.3	14.5
AS/NZS 2293.1:2018	C0	D80	11.5	12.5	12.9	13.3	13.6	13.8	14.1	14.4	14.5
	C90	D80	11.5	12.5	12.9	13.3	13.6	13.8	14.1	14.4	14.5

WEATHERPROOF UNIVERSAL MOUNT EXIT (24M)

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E1.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	E2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E1.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

EXIT LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 1 LX)

1 lx

WEATHERPROOF WALL MOUNT EXIT 24M (LP & L10)

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E1.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E1.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	E1.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E1.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

WEATHERPROOF UNIVERSAL 40M JUMBO EXIT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D6.3	3.9	3.7	3.3	2.4	1.5	N/A	N/A	N/A	N/A
	C90	E4	3.1	2.0	1.0	N/A	N/A	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	D6.3	4.0	3.7	0.0	0.0	0.0	N/A	N/A	N/A	N/A
	C90	E4	0.0	0.0	0.0	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E1.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

LOW TEMPERATURE WALL MOUNT EXIT 24M (INTEGRAL & REMOTE GEAR)

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E1.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E1.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	E1.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E1.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

LOW TEMPERATURE UNIVERSAL MOUNT EXIT 24M

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D2.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E4	3.1	2.0	1.0	N/A	N/A	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	D2.5	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E4	0.0	0.0	0.0	N/A	N/A	N/A	N/A	N/A	N/A

LOW TEMPERATURE WALL MOUNT EXIT 40M

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E1.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	E1.25	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

VANDAL RESISTANT EXIT

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D3.2	1.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E8	4.6	4.6	4.6	4.2	3.2	2.3	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	D3.2	0.0	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E8	4.6	4.7	4.6	0.0	0.0	0.0	N/A	N/A	N/A

EXIT LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 1 LX)

1 lx

CLEVEREVAC DYNAMIC EXIT - SINGLE SIDED

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	E2.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E1.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	E2.5	0.0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	C90	E1.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

CLEVEREVAC DYNAMIC BLADE EXIT - SINGLE SIDED

AS/NZS Standard	Orientation	Classification	2.1M	2.4M	2.7M	3M	3.3M	3.6M	4M	4.5M	5M
AS/NZS 2293.1:2005	C0	D5	3.3	3.0	2.0	1.1	N/A	N/A	N/A	N/A	N/A
	C0	E4	3.1	2.0	1.0	N/A	N/A	N/A	N/A	N/A	N/A
	C90	C25	5.8	6.0	6.2	6.4	6.4	6.5	6.4	6.3	6.0
	C90	C32	6.3	6.6	6.8	7.0	7.2	7.3	7.3	7.3	7.2
AS/NZS 2293.1:2018	C0	D5	3.4	0.0	0.0	0.0	N/A	N/A	N/A	N/A	N/A
	C0	E4	0.0	0.0	0.0	N/A	N/A	N/A	N/A	N/A	N/A
	C90	C25	5.9	6.1	6.3	6.4	6.5	6.5	6.5	6.3	6.0
	C90	C32	6.3	6.6	6.9	7.1	7.2	7.3	7.4	7.4	7.2

EMERGENCY LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 1 LX)

1 lx

NIFTY RECESSED AND SURFACE MOUNT

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
	C90	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
AS/NZS 2293.1:2018	C0	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A
	C90	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A

LIFELIGHT RECESSED & SURFACE MOUNT; INC WEATHERPROOF

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
	C90	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
AS/NZS 2293.1:2018	C0	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A
	C90	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A

LIFELIGHT IP44 RECESSED - L10 BATTERY

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
	C90	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
AS/NZS 2293.1:2018	C0	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A
	C90	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A

LIFELIGHT IP44 RECESSED - LP BATTERY

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D50	10.1	10.5	10.8	11.0	11.2	11.3	11.4	11.5	11.5	11.1	10.2	8.6	5.2	N/A
	C90	D50	10.1	10.5	10.8	11.0	11.2	11.3	11.4	11.5	11.5	11.1	10.2	8.6	5.2	N/A
AS/NZS 2293.1:2018	C0	D50	10.2	10.5	10.8	11.0	11.2	11.4	11.5	11.5	11.5	11.1	10.3	0.0	0.0	N/A
	C90	D50	10.2	10.5	10.8	11.0	11.2	11.4	11.5	11.5	11.5	11.1	10.3	0.0	0.0	N/A

LIFELIGHT PRO RECESSED & SURFACE; INC IP20 CYLINDER & SM MOUNTING

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D80	12.0	12.5	12.9	13.2	13.5	13.8	14.0	14.3	14.5	14.5	14.3	13.7	12.8	11.4
	C90	D80	12.0	12.5	12.9	13.2	13.5	13.8	14.0	14.3	14.5	14.5	14.3	13.7	12.8	11.4
AS/NZS 2293.1:2018	C0	D80	11.5	12.5	12.9	13.3	13.6	13.8	14.1	14.4	14.5	14.6	14.4	13.8	0.0	0.0
	C90	D80	11.5	12.5	12.9	13.3	13.6	13.8	14.1	14.4	14.5	14.6	14.4	13.8	0.0	0.0

LIFELIGHT PRO IP66 WEATHERPROOF (REMOTE PACK)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D63	11.0	11.4	11.8	12.1	12.3	12.5	12.7	12.8	12.9	12.8	12.2	11.3	9.6	6.1
	C90	D63	11.0	11.4	11.8	12.1	12.3	12.5	12.7	12.8	12.9	12.8	12.2	11.3	9.6	6.1
AS/NZS 2293.1:2018	C0	D63	11.1	11.5	11.8	12.1	12.3	12.5	12.7	12.9	13.0	12.8	12.3	0.0	0.0	0.0
	C90	D63	11.1	11.5	11.8	12.1	12.3	12.5	12.7	12.9	13.0	12.8	12.3	0.0	0.0	0.0

EMERGENCY LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 1 LX)

1 lx

LIFELIGHT PRO IP66 WEATHERPROOF (INTEGRAL PACK)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D50	10.1	10.5	10.8	11.0	11.2	11.3	11.4	11.5	11.5	11.1	10.2	8.6	5.2	N/A
	C90	D50	10.1	10.5	10.8	11.0	11.2	11.3	11.4	11.5	11.5	11.1	10.2	8.6	5.2	N/A
AS/NZS 2293.1:2018	C0	D50	10.2	10.5	10.8	11.0	11.2	11.4	11.5	11.5	11.5	11.1	10.3	0.0	0.0	N/A
	C90	D50	10.2	10.5	10.8	11.0	11.2	11.4	11.5	11.5	11.5	11.1	10.3	0.0	0.0	N/A

LIFELIGHT PRO WEATHERPROOF CYLINDER & RECWP DOWNLIGHT

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D50	10.1	10.5	10.8	11.0	11.2	11.3	11.4	11.5	11.5	11.1	10.2	8.6	5.2	N/A
	C90	D50	10.1	10.5	10.8	11.0	11.2	11.3	11.4	11.5	11.5	11.1	10.2	8.6	5.2	N/A
AS/NZS 2293.1:2018	C0	D50	10.2	10.5	10.8	11.0	11.2	11.4	11.5	11.5	11.5	11.1	10.3	0.0	0.0	N/A
	C90	D50	10.2	10.5	10.8	11.0	11.2	11.4	11.5	11.5	11.5	11.1	10.3	0.0	0.0	N/A

WEATHERPROOF EMERGENCY POD (LIFELIGHT)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
	C90	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
AS/NZS 2293.1:2018	C0	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A
	C90	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A

WEATHERPROOF EMERGENCY POD (LIFELIGHT PRO)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D80	12.0	12.5	12.9	13.2	13.5	13.8	14.0	14.3	14.5	14.5	14.3	13.7	12.8	11.4
	C90	D80	12.0	12.5	12.9	13.2	13.5	13.8	14.0	14.3	14.5	14.5	14.3	13.7	12.8	11.4
AS/NZS 2293.1:2018	C0	D80	11.5	12.5	12.9	13.3	13.6	13.8	14.1	14.4	14.5	14.6	14.4	13.8	0.0	0.0
	C90	D80	11.5	12.5	12.9	13.3	13.6	13.8	14.1	14.4	14.5	14.6	14.4	13.8	0.0	0.0

WEATHERPROOF EMERGENCY POD (TWIN LIFELIGHT PRO)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D160	15.3	16.0	16.6	17.1	17.5	17.9	18.4	19.0	19.4	20.1	20.5	20.6	20.5	20.2
	C90	D160	15.3	16.0	16.6	17.1	17.5	17.9	18.4	19.0	19.4	20.1	20.5	20.6	20.5	20.2
AS/NZS 2293.1:2018	C0	D160	11.5	13.2	14.8	16.5	17.6	18.0	18.5	19.0	19.5	20.1	20.5	20.7	20.6	20.3
	C90	D160	11.5	13.2	14.8	16.5	17.6	18.0	18.5	19.0	19.5	20.1	20.5	20.7	20.6	20.3

LIFELIGHT TRACK MOUNT

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
	C90	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
AS/NZS 2293.1:2018	C0	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A
	C90	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A

LIFELIGHT LINEAR TRACK MOUNT

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
	C90	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
AS/NZS 2293.1:2018	C0	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A
	C90	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A

EMERGENCY LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 1 LX)

1 lx

ARGONAUT SQUARE

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D63	11.0	11.4	11.8	12.1	12.3	12.5	12.7	12.8	12.9	12.8	12.2	11.3	9.6	6.1
	C90	D63	11.0	11.4	11.8	12.1	12.3	12.5	12.7	12.8	12.9	12.8	12.2	11.3	9.6	6.1
AS/NZS 2293.1:2018	C0	D63	11.1	11.5	11.8	12.1	12.3	12.5	12.7	12.9	13.0	12.8	12.3	0.0	0.0	0.0
	C90	D63	11.1	11.5	11.8	12.1	12.3	12.5	12.7	12.9	13.0	12.8	12.3	0.0	0.0	0.0

CIRCLITE (TS)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
	C90	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
AS/NZS 2293.1:2018	C0	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A
	C90	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A

CIRCLITE (LP)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D50	10.1	10.5	10.8	11.0	11.2	11.3	11.4	11.5	11.5	11.1	10.2	8.6	5.2	N/A
	C90	D50	10.1	10.5	10.8	11.0	11.2	11.3	11.4	11.5	11.5	11.1	10.2	8.6	5.2	N/A
AS/NZS 2293.1:2018	C0	D50	10.2	10.5	10.8	11.0	11.2	11.4	11.5	11.5	11.5	11.1	10.3	0.0	0.0	N/A
	C90	D50	10.2	10.5	10.8	11.0	11.2	11.4	11.5	11.5	11.5	11.1	10.3	0.0	0.0	N/A

ARGOCIRC (TS)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
	C90	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
AS/NZS 2293.1:2018	C0	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A
	C90	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A

ARGOCIRC (LP)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D50	10.1	10.5	10.8	11.0	11.2	11.3	11.4	11.5	11.5	11.1	10.2	8.6	5.2	N/A
	C90	D50	10.1	10.5	10.8	11.0	11.2	11.3	11.4	11.5	11.5	11.1	10.2	8.6	5.2	N/A
AS/NZS 2293.1:2018	C0	D50	10.2	10.5	10.8	11.0	11.2	11.4	11.5	11.5	11.5	11.1	10.3	0.0	0.0	N/A
	C90	D50	10.2	10.5	10.8	11.0	11.2	11.4	11.5	11.5	11.5	11.1	10.3	0.0	0.0	N/A

BUNKALITE

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D50	10.1	10.5	10.8	11.0	11.2	11.3	11.4	11.5	11.5	11.1	10.2	8.6	5.2	N/A
	C90	D50	10.1	10.5	10.8	11.0	11.2	11.3	11.4	11.5	11.5	11.1	10.2	8.6	5.2	N/A
AS/NZS 2293.1:2018	C0	D50	10.2	10.5	10.8	11.0	11.2	11.4	11.5	11.5	11.5	11.1	10.3	0.0	0.0	N/A
	C90	D50	10.2	10.5	10.8	11.0	11.2	11.4	11.5	11.5	11.5	11.1	10.3	0.0	0.0	N/A

EMERGENCY LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 1 LX)

1 lx

ARGOWALL (LP)			2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	9.3	9.6	9.8	10	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
	C90	D125	14.1	14.6	15.2	15.6	16.0	16.4	16.8	17.2	17.6	18.0	18.2	18.1	17.8	17.2
	C180	D50	10.1	10.5	10.8	11.0	11.2	11.3	11.4	11.5	11.5	11.1	10.2	8.6	5.2	N/A
	C270	D125	14.1	14.6	15.2	15.6	16.0	16.4	16.8	17.2	17.6	18.0	18.2	18.1	17.8	17.2
AS/NZS 2293.1:2018	C0	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A
	C90	D125	11.5	13.2	14.8	15.7	16.1	16.4	16.8	17.3	17.6	18.1	18.3	18.2	17.8	17.2
	C180	D50	10.2	10.5	10.8	11.0	11.2	11.4	11.5	11.5	11.5	11.1	10.3	0.0	0.0	N/A
	C270	D125	11.5	13.2	14.8	15.7	16.1	16.4	16.8	17.3	17.6	18.1	18.3	18.2	17.8	17.2

LOW TEMPERATURE EMERGENCY (-25°C)			2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D50	10.1	10.5	10.8	11.0	11.2	11.3	11.4	11.5	11.5	11.1	10.2	8.6	5.2	N/A
	C90	D50	10.1	10.5	10.8	11.0	11.2	11.3	11.4	11.5	11.5	11.1	10.2	8.6	5.2	N/A
AS/NZS 2293.1:2018	C0	D50	10.2	10.5	10.8	11.0	11.2	11.4	11.5	11.5	11.5	11.1	10.3	0.0	0.0	N/A
	C90	D50	10.2	10.5	10.8	11.0	11.2	11.4	11.5	11.5	11.5	11.1	10.3	0.0	0.0	N/A

LOW TEMPERATURE EMERGENCY (-40°C)			2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D63	11.0	11.4	11.8	12.1	12.3	12.5	12.7	12.8	12.9	12.8	12.2	11.3	9.6	6.1
	C90	D63	11.0	11.4	11.8	12.1	12.3	12.5	12.7	12.8	12.9	12.8	12.2	11.3	9.6	6.1
AS/NZS 2293.1:2018	C0	D63	11.1	11.5	11.8	12.1	12.3	12.5	12.7	12.9	13.0	12.8	12.3	0.0	0.0	0.0
	C90	D63	11.1	11.5	11.8	12.1	12.3	12.5	12.7	12.9	13.0	12.8	12.3	0.0	0.0	0.0

BATTEN LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 1 LX)

1 lx

ARGO WEATHERPROOF 600MM

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
	C90	D25	7.7	7.9	8.0	8.1	8.1	8.1	7.9	7.6	7.2	4.8	1.1	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A
	C90	D25	7.8	8.0	8.1	8.2	8.2	8.1	8.0	7.7	7.2	0.0	0.0	N/A	N/A	N/A

ARGO WEATHERPROOF 1200MM & 1500MM (TS)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D50	10.1	10.5	10.8	11.0	11.2	11.3	11.4	11.5	11.5	11.1	10.2	8.6	5.2	N/A
	C90	D32	8.5	8.8	9.0	9.1	9.2	9.2	9.2	9.0	8.7	7.7	4.7	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	D50	10.2	10.5	10.8	11.0	11.2	11.4	11.5	11.5	11.5	11.1	10.3	0.0	0.0	N/A
	C90	D32	8.6	8.8	9.0	9.1	9.2	9.2	9.2	9.0	8.8	0.0	0.0	N/A	N/A	N/A

ARGO WEATHERPROOF 1200MM & 1500MM (LP)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D63	11.0	11.4	11.8	12.1	12.3	12.5	12.7	12.8	12.9	12.8	12.2	11.3	9.6	6.1
	C90	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
AS/NZS 2293.1:2018	C0	D63	11.1	11.5	11.8	12.1	12.3	12.5	12.7	12.9	13.0	12.8	12.3	0.0	0.0	0.0
	C90	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A

ARGONAUT PLUS 600MM (INTEGRAL BATTERY)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
	C90	D25	7.7	7.9	8.0	8.1	8.1	8.1	7.9	7.6	7.2	4.8	1.1	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A
	C90	D25	7.8	8.0	8.1	8.2	8.2	8.1	8.0	7.7	7.2	0.0	0.0	N/A	N/A	N/A

ARGONAUT PLUS 1200MM & 1500MM (INTEGRAL BATTERY)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D63	11.0	11.4	11.8	12.1	12.3	12.5	12.7	12.8	12.9	12.8	12.2	11.3	9.6	6.1
	C90	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
AS/NZS 2293.1:2018	C0	D63	11.1	11.5	11.8	12.1	12.3	12.5	12.7	12.9	13.0	12.8	12.3	0.0	0.0	0.0
	C90	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A

ARGONAUT PLUS 600MM, 1200MM & 1500MM (POD)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D80	12.0	12.5	12.9	13.2	13.5	13.8	14.0	14.3	14.5	14.5	14.3	13.7	12.8	11.4
	C90	D80	12.0	12.5	12.9	13.2	13.5	13.8	14.0	14.3	14.5	14.5	14.3	13.7	12.8	11.4
AS/NZS 2293.1:2018	C0	D80	11.5	12.5	12.9	13.3	13.6	13.8	14.1	14.4	14.5	14.6	14.4	13.8	0.0	0.0
	C90	D80	11.5	12.5	12.9	13.3	13.6	13.8	14.1	14.4	14.5	14.6	14.4	13.8	0.0	0.0

ARGONAUT PRO 600MM, 1200MM & 1500MM (INTEGRAL BATTERY)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D63	11.0	11.4	11.8	12.1	12.3	12.5	12.7	12.8	12.9	12.8	12.2	11.3	9.6	6.1
	C90	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
AS/NZS 2293.1:2018	C0	D63	11.1	11.5	11.8	12.1	12.3	12.5	12.7	12.9	13.0	12.8	12.3	0.0	0.0	0.0
	C90	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A

BATTEN LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 1 LX)

1 lx

ARGONAUT PRO 600MM, 1200MM & 1500MM (POD)			AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D80	12.0	12.5	12.9	13.2	13.5	13.8	14.0	14.3	14.5	14.5	14.3	13.7	12.8	11.4			
	C90	D80	12.0	12.5	12.9	13.2	13.5	13.8	14.0	14.3	14.5	14.5	14.3	13.7	12.8	11.4			
AS/NZS 2293.1:2018	C0	D80	11.5	12.5	12.9	13.3	13.6	13.8	14.1	14.4	14.5	14.6	14.4	13.8	0.0	0.0			
	C90	D80	11.5	12.5	12.9	13.3	13.6	13.8	14.1	14.4	14.5	14.6	14.4	13.8	0.0	0.0			

ARGONAUT PRO 1200MM FREEZER (-25°C)			AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D63	11.0	11.4	11.8	12.1	12.3	12.5	12.7	12.8	12.9	12.8	12.2	11.3	9.6	6.1			
	C90	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A			
AS/NZS 2293.1:2018	C0	D63	11.1	11.5	11.8	12.1	12.3	12.5	12.7	12.9	13.0	12.8	12.3	0.0	0.0	0.0			
	C90	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	0.0	N/A	N/A		

ARGONAUT VANDAL RESISTANT 600MM			AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D63	11.0	11.4	11.8	12.1	12.3	12.5	12.7	12.8	12.9	12.8	12.2	11.3	9.6	6.1			
	C90	D32	8.5	8.8	9.0	9.1	9.2	9.2	9.2	9.0	8.7	7.7	4.7	N/A	N/A	N/A			
AS/NZS 2293.1:2018	C0	D63	11.1	11.5	11.8	12.1	12.3	12.5	12.7	12.9	13.0	12.8	12.3	0.0	0.0	0.0			
	C90	D32	8.6	8.8	9.0	9.1	9.2	9.2	9.2	9.0	8.8	0.0	0.0	N/A	N/A	N/A			

ARGONAUT VANDAL RESISTANT 1200MM			AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D100	13.0	13.5	14.0	14.4	14.7	15.0	15.4	15.7	16.0	16.3	16.2	15.9	15.3	14.4			
	C90	D50	10.1	10.5	10.8	11.0	11.2	11.3	11.4	11.5	11.5	11.1	10.2	8.6	5.2	N/A			
AS/NZS 2293.1:2018	C0	D100	11.5	13.2	14.0	14.4	14.8	15.1	15.4	15.8	16.0	16.3	16.3	16.0	15.4	14.4			
	C90	D50	10.2	10.5	10.8	11.0	11.2	11.4	11.5	11.5	11.5	11.1	10.3	0.0	0.0	N/A			

EPIC 600MM& 1200MM (TS)			AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A			
	C90	D25	7.7	7.9	8.0	8.1	8.1	8.1	7.9	7.6	7.2	4.8	1.1	N/A	N/A	N/A			
AS/NZS 2293.1:2018	C0	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A			
	C90	D25	7.8	8.0	8.1	8.2	8.2	8.1	8.0	7.7	7.2	0.0	0.0	N/A	N/A	N/A			

EPIC 1200MM (LP)			AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D63	11.0	11.4	11.8	12.1	12.3	12.5	12.7	12.8	12.9	12.8	12.2	11.3	9.6	6.1			
	C90	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A			
AS/NZS 2293.1:2018	C0	D63	11.1	11.5	11.8	12.1	12.3	12.5	12.7	12.9	13.0	12.8	12.3	0.0	0.0	0.0			
	C90	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	0.0	N/A	N/A		

ODYSSEY DIFFUSED 600MM (INTEGRAL BATTERY)			AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D50	10.1	10.5	10.8	11.0	11.2	11.3	11.4	11.5	11.5	11.1	10.2	8.6	5.2	N/A			
	C90	C50	7.2	7.6	8.0	8.3	8.5	8.7	8.9	9.1	9.2	9.0	8.5	6.9	4.3	N/A			
AS/NZS 2293.1:2018	C0	D50	10.2	10.5	10.8	11.0	11.2	11.4	11.5	11.5	11.1	10.3	0.0	0.0	N/A				
	C90	C50	7.3	7.7	8.0	8.3	8.6	8.8	9.0	9.1	9.2	9.1	8.6	0.0	0.0	N/A			

BATTEN LUMINAIRES

MAXIMUM SPACING AND MOUNTING HEIGHTS (BASED ON 1 LX)

1 lx

ODYSSEY DIFFUSED 1200MM (INTEGRAL BATTERY)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D50	10.1	10.5	10.8	11.0	11.2	11.3	11.4	11.5	11.5	11.1	10.2	8.6	5.2	N/A
	C90	D16	6.4	6.5	6.5	6.4	6.3	6.1	5.7	5.0	3.2	N/A	N/A	N/A	N/A	N/A
AS/NZS 2293.1:2018	C0	D50	10.2	10.5	10.8	11.0	11.2	11.4	11.5	11.5	11.5	11.1	10.3	0.0	0.0	N/A
	C90	D16	6.5	6.5	6.5	6.5	6.3	6.1	5.8	0.0	0.0	N/A	N/A	N/A	N/A	N/A

ODYSSEY DIFFUSED 600MM & 1200MM (POD)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
	C90	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
AS/NZS 2293.1:2018	C0	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A
	C90	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A

ODYSSEY WIREGUARD 600MM & 1200MM (POD)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
	C90	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
AS/NZS 2293.1:2018	C0	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A
	C90	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A

BARE EMERGENCY 600MM & 1200MM (EL & LP)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
	C90	D40	9.3	9.6	9.8	10.0	10.1	10.2	10.3	10.2	10.1	9.4	8.2	4.8	N/A	N/A
AS/NZS 2293.1:2018	C0	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A
	C90	D40	9.4	9.7	9.9	10.1	10.2	10.3	10.3	10.3	10.1	9.5	0.0	0.0	N/A	N/A

BARE EMERGENCY 600MM & 1200MM (L10)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D80	12.0	12.5	12.9	13.2	13.5	13.8	14.0	14.3	14.5	14.5	14.3	13.7	12.8	11.4
	C90	D80	12.0	12.5	12.9	13.2	13.5	13.8	14.0	14.3	14.5	14.5	14.3	13.7	12.8	11.4
AS/NZS 2293.1:2018	C0	D80	11.5	12.5	12.9	13.3	13.6	13.8	14.1	14.4	14.5	14.6	14.4	13.8	0.0	0.0
	C90	D80	11.5	12.5	12.9	13.3	13.6	13.8	14.1	14.4	14.5	14.6	14.4	13.8	0.0	0.0

TWIN LIFELIGHT PRO BARE EMERGENCY 600MM & 1200MM (LP & L10)

AS/NZS Standard	Orientation	Classification	2.1m	2.4m	2.7m	3m	3.3m	3.6m	4m	4.5m	5m	6m	7m	8m	9m	10m
AS/NZS 2293.1:2005	C0	D160	15.3	16.0	16.6	17.1	17.5	17.9	18.4	19.0	19.4	20.1	20.5	20.6	20.5	20.2
	C90	D160	15.3	16.0	16.6	17.1	17.5	17.9	18.4	19.0	19.4	20.1	20.5	20.6	20.5	20.2
AS/NZS 2293.1:2018	C0	D160	11.5	13.2	14.8	16.5	17.6	18.0	18.5	19.0	19.5	20.1	20.5	20.7	20.6	20.3
	C90	D160	11.5	13.2	14.8	16.5	17.6	18.0	18.5	19.0	19.5	20.1	20.5	20.7	20.6	20.3

Emergency Lighting Modes of Operation

The following table outlines the different modes that exit and emergency lighting fittings can operate in. Contact us if you would like some assistance in selecting the right mode for your application.

Emergency Operating Modes

Maintained

An emergency luminaire in which the lamp is energised at all times. The lamp is ON when there is power present and is ON during a power failure.

EXAMPLES: Exit signs and single lamp battens used in plant rooms to function as both general lighting and the emergency lighting.



POWER ON



POWER OFF



Non-Maintained

An emergency luminaire in which the lamp(s) are only in operation during a power fail.

EXAMPLE: Single lamp: Lifelight emergency luminaires.



POWER ON



POWER OFF



EXAMPLE: Twin lamp: Supalite floods, often used in factory units and only operate in the event of a power failure.



POWER ON



POWER OFF



Sustained

An emergency luminaire typically containing two lamps, one of which is in operation while there is power present, and the other “non-maintained” lamp only energised during a power fail. Also known as Combined Non-Maintained.

EXAMPLE 1: LED TUBE or LED strip batten with separate dedicated LED emergency pod.



POWER ON



POWER OFF



EXAMPLE 2: LED Strip batten with dedicated separate internal LED`s with emergency battery back up.



Chemical Resistance Table

Construction Materials	Body	Diffuser
ARGO	PC	PC
Argonaut PLUS & PRO	PC	PC
Argonaut PRO CHEM	GRP	PC or Acrylic

- Resistant
- Semi-resistant
- ✗ Not resistant

Ambient temperature at 20°C

Chemical Specifics	Polycarbonate (PC)	Acrylic (PMMA)	Glass Fibre Reinforced Plastic (GRP)
Accumulator acid	■	●	●
Acetic acid <15%	●	●	●
Alcohol <30%	●	●	●
Alcohol concentrate	●	✗	✗
Ammonia <25%	✗	●	■
Aromatic hydrocarbons	■	●	■
Benzene	✗	✗	■
Carbon dioxide	●	●	●
Carbon monoxide	●	●	●
Carbon tetrachloride	●	■	■
Caustic soda <2%	✗	●	■
Common salt (Sodium chloride)	■	●	●
Cooking oil (Animal fat – but not pork)	✗	●	●
Cooking oil (Cold)	●	●	●
Cooking oil (Hot)	✗	●	●
Cooking oil (Pork fat)	✗	●	●
Cooking oil (Vegetable)	✗	●	●
Crude oil	■	●	●
Diesel oil	■	●	●
Ethyl Acetate	●	✗	✗
Glycerine	■	●	●
Glycol	●	●	●
Hydrocarbons	■	■	■
Hydrochloric acid <10%	●	●	●
Hydrogen peroxide <40%	■	●	✗
Hydrogen sulphide	●	●	●
Kerosene/paraffin oil	✗	●	●
Ketones	●	✗	✗
Methanol	●	✗	✗
Milk of lime (Limewater)	■	●	●
Nitric acid <5%	●	●	●
Nitric acid <30%	■	■	■
Oil (Hydraulic)	✗	●	●
Oil (Lubricating)	✗	●	●
Oil based paint	✗	●	●
Petrol	●	●	●
Pyridine	●	✗	✗
Sea water	●	●	●
Soap suds	■	●	●
Soda	●	●	●
Sulphuric acid <30%	●	●	●
Sulphuric acid concentrate	✗	✗	■
Sulphurous acid <5%	✗	●	■
Synthetic detergent	●	●	●
Turpentine (Semi-resistant)	■	■	■
Water up to 60 degrees (Low pressure)	●	●	●

I'm responsible for a smart emergency lighting system – what are some important things I need to know?

Once a construction or refurbishment has been completed and the defects period is over, the installation team including the builder and installing contractor will move on and leave the ongoing maintenance to a new party. If this is you, you'll need to know what you've got and how to ensure its performance.

Repairs and replacements

In years to come, when the system reports what replacements are required, the availability and backwards compatibility of new fittings and components will be vital. If today's system is upgraded, it is especially important to ensure the system manufacturer has a history of supporting product into the future.

Latest software

Speaking of sophisticated reporting, the smart generation of emergency lighting systems can be updated remotely by the manufacturer. Regular firmware updates will ensure your system operates with the latest tools and ensure your system is current.

Training and support

Getting to know the system you've inherited can be a challenge if there's a lack of local support. Leading providers will have free training that accompanies the system - not who bought or designed it. In this way, essential training and information will be proactively delivered to you. Emergency lighting systems must perform when needed so local support is a critical part of the package.

Leading the way

If you're looking at a Clevertronics system, then you're in luck because our Lifetime Technical Support (LTS) programme is an integral part of any Zoneworks XT system regardless of who's responsible for it.

Clevertronics proactively ensures training happens and systems are reliable, current and scalable. We leave the maintenance to you, but help you get the most out of your system with full training and support.

How often should emergency lighting be tested and what impact does incorrect testing have on battery life?

Twice a year. Testing and the required repairs or replacements are required to be carried out at intervals **no greater than 6 months**. The inspection and maintenance procedures are detailed in AS/NZS 2293 Part 2, but basically involves a discharge duration test and inspection to identify fittings that require maintenance.

The **discharge test** involves simulating a power fail and can be manually initiated via a test switch/timer at the switchboard, or automatically initiated by self-testing fittings or computerised testing systems which provide detailed reporting and maintenance records.

Battery life

It is not so much “incorrect testing” that will shorten the life of a battery. Nickel Cadmium (NiCd) and Nickel Metal Hydride (NiMH) batteries should be discharged to full cut-out to maximise the calendar life of the battery, because partial or shallow discharging of these types of batteries result in a **memory effect** - a faster loss of capacity over time.

Lithium Iron Phosphate batteries do not suffer from memory effect and also can be discharged many more times without affecting the life of the battery. The Lithium Iron Phosphate and Lithium Nanophosphate battery technology in Clevertronics fittings benefit from these and many other advantages against the older NiCd and NiMH battery technology.

What are the best lithium batteries for emergency lighting?

Not all Lithium batteries are the same or perform in the same way as different applications prioritise different performance characteristics. For emergency lighting, the three main priorities are Safety, Performance and Environmental Impact.

Here's four widely used but different Lithium Ion technologies:

- **Lithium Cobalt Oxide (LCO):** Very high energy density makes it small and light for mobile phones, laptops and digital cameras. The downside is poor thermal stability and can vent with flame under abuse, short-circuit or thermal runaway. Less harmful to the environment than Nickel Cadmium but contains toxic heavy metals (not used by Clevertronics).
- **Lithium Nickel Manganese Cobalt Oxide (NMC):** A newer technology variant of LCO with high energy density but improved thermal stability. Will vent with flame but at a higher temperature trigger point. Rapidly gaining uptake in electric vehicles and other larger format applications. Also cheap but contains toxic heavy metals (not used by Clevertronics).
- **Lithium Iron Phosphate (LFP):** Slightly lower energy density but significantly higher thermal stability and will not vent with flame. Lower capacity loss over time has made it popular for large format energy storage applications, electric vehicles and portable power tools. No toxic heavy metals.
- **Lithium Nanophosphate (LNP):** A variant on LFP with even better thermal stability and lower capacity loss over time at full state of charge at elevated temperatures. Used in large format energy storage, electric vehicles and high-end power tools. No toxic heavy metals or carcinogens.

There is significant variance in the manufacturing quality of lithium batteries, so choose products from a reputable supplier with a track record for quality and the data to back it up. In the real world, L10 products have delivered in the field since their introduction in 2012. The inherent safety and performance over time at full state of charge make LFP and LNP the superior choice for our products, and with the lowest environmental impact.

At Clevertronics we select the highest quality LFP batteries for our LP range, and our L10 Optimum range leads the market using Lithium Nanophosphate technology (LNP).

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