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 XT HIVE, DALI, and CTP, now also available with HIVE Combine Lighting Control.
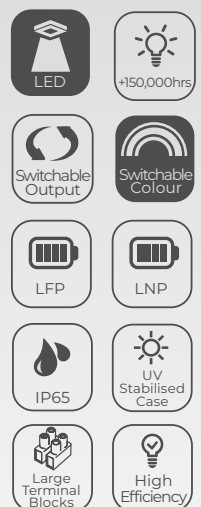
Applications

- 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
- 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

LED | +150,000hrs | Switchable Output | Switchable Colour | LFP | LNP | IP65 | UV Stabilised Case | Large Terminal Blocks | High Efficiency

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 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 XT Hive*	ARGOPLUS-600-LP-HVG	ARGOPLUS-600-LPPOD-HVG	ARGOPLUS-600-L10POD-HVG	-
	Zoneworks XT 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

(left column label: TEST OPTIONS / PART #)

* 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 (Ta40ºc)		Ta40ºc; 141,000hrs (L70/B10), 89,000hrs (L80/B10), 43,000hrs (L90/B10)	
Lamp Projected Life (Ta25ºc)		Ta25ºc; 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

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
OUTPUT (700mA)	LP	L10	STANDARD
3000K	18.4W		18.0W
4000K DEFAULT	17.8W		17.4W
5700K	18.4W		18.0W

LUMEN OUTPUT			LUMENS / WATT		
LP	L10	STANDARD	LP	L10	STANDARD
2192 lm		2192 lm	119 lm/W		122 lm/W
2351 lm		2351 lm	132 lm/W		135 lm/W
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%
OUTPUT (700mA)	LP	L10	STANDARD	LP	L10	STANDARD
3000K	19.0W		18.6W	2.8W		2.4W
4000K DEFAULT	18.3W		17.9W	2.9W		2.5W
5700K	19.0W		18.6W	2.8W		2.4W

LUMEN OUTPUT			LUMENS / WATT		
LP	L10	STANDARD	LP	L10	STANDARD
2192 lm		2192 lm	115 lm/W		118 lm/W
2351 lm		2351 lm	129 lm/W		131 lm/W
2304 lm		2304 lm	121 lm/W		124 lm/W

Product Configuration:

1. 600mm No Pod
2. 600mm With Pod
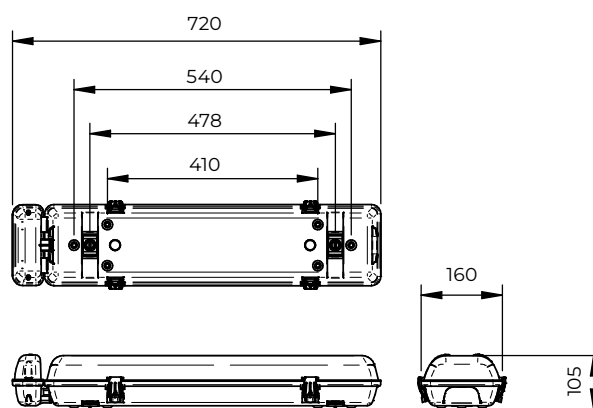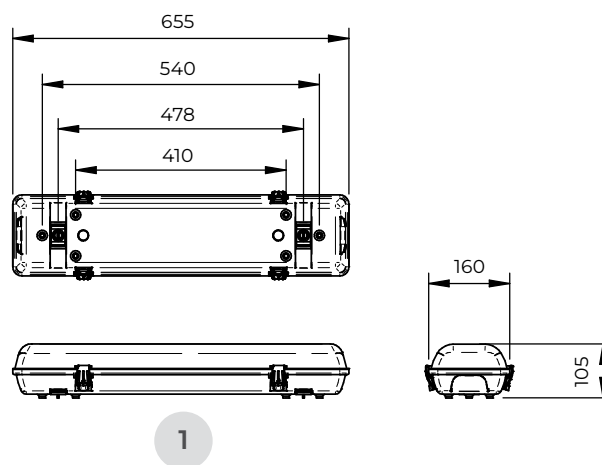
655
540
478
410
160
105

1

720
540
478
410
160
105

Dimensions (mm) **2**

ORDERING INFORMATION	EMERGENCY (LP)		EMERGENCY (L10)	STANDARD
Nominal Size	1200mm ①	1200mm ②	1200mm ②	1200mm ①
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 XT Hive*	ARGOPLUS-1200-LP-HVG	ARGOPLUS-1200-LPPOD-HVG	ARGOPLUS-1200-L10POD-HVG	-
Zoneworks XT 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

(Left vertical label: TEST OPTIONS / PART #)

* 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 (Ta40ºc)	Ta40ºc; 143,000hrs (L70/B10), 90,000hrs (L80/B10), 43,000hrs (L90/B10)		
Lamp Projected Life (Ta25ºc)	Ta25ºc; 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	D63	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/

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ARGONAUT PLUS WEATHERPROOF 1200MM
HIGH SPEC & EFFICIENCY, SWITCHABLE COLOUR & DUAL OUTPUT

NO SENSOR

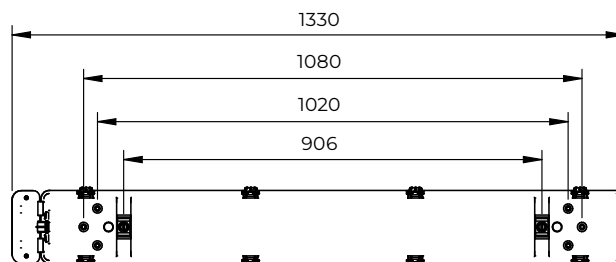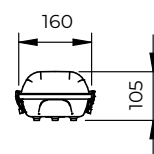| POWER CONSUMPTION	Standby Charge/ Main Lamp On		Main Lamp On		LUMEN OUTPUT			LUMENS / WATT		
OUTPUT 2 (650mA)	LP	L10	STANDARD		LP	L10	STANDARD	LP	L10	STANDARD
3000K	33.7W		33.3W		4145 lm	4145 lm		123 lm/W		125 lm/W
4000K DEFAULT	32.6W		32.2W		4420 lm	4420 lm		136 lm/W		137 lm/W
5700K	33.6W		33.2W		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		Main Lamp On		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
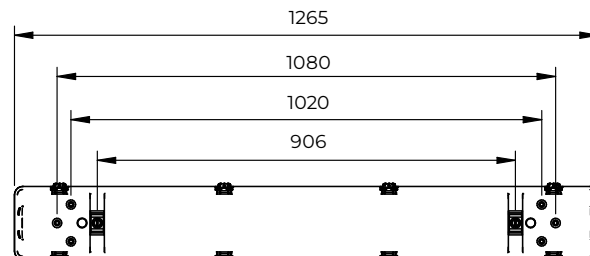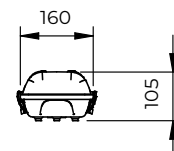
Dimensions (mm)

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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 ①
	Standard	ARGOPLUS-1500-LP	ARGOPLUS-1500-LPPOD	ARGOPLUS-1500-L10POD	ARGOPLUS-1500
	DALI Driver	ARGOPLUS-1500-DD-LP	ARGOPLUS-1500-DD-LPPOD	ARGOPLUS-1500-DD-L10POD	ARGOPLUS-1500-DD
	Motion Sensors	ARGOPLUS-1500-SEN-LP	ARGOPLUS-1500-SEN-LPPOD	ARGOPLUS-1500-SEN-L10POD	ARGOPLUS-1500-SEN
TEST OPTIONS / PART #	CTP System Compatible	Yes			-
	DALI*	ARGOPLUS-1500-LP-D2	ARGOPLUS-1500-LPPOD-D2	ARGOPLUS-1500-L10POD-D2	-
	Zoneworks XT Hive*	ARGOPLUS-1500-LP-HVG	ARGOPLUS-1500-LPPOD-HVG	ARGOPLUS-1500-L10POD-HVG	-
	Zoneworks XT Hive Combine	ARGOPLUS-1500-CC-LP-HVG	ARGOPLUS-1500-CC-LPPOD-HVG	ARGOPLUS-1500-CC-L10POD-HVG	ARGOPLUS-1500-CC
Carton Quantity		1			
Weight		3.6kg	3.9kg	3.9kg	3.3kg

* 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 (Ta40ºc)	Ta40ºc; 141,000hrs (L70/B10), 89,000hrs (L80/B10), 43,000hrs (L90/B10)		
Lamp Projected Life (Ta25ºc)	Ta25ºc; 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/

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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		
OUTPUT (950mA)	LP	L10	STANDARD		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		
OUTPUT (950mA)	LP	L10	STANDARD		LP	L10	STANDARD	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

1565
1090
1020
906
160
105

1

1630
1090
1020
906
160
105

2
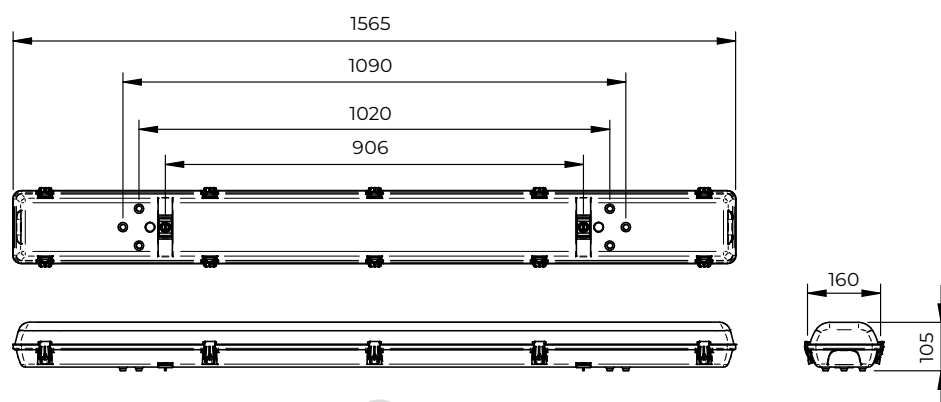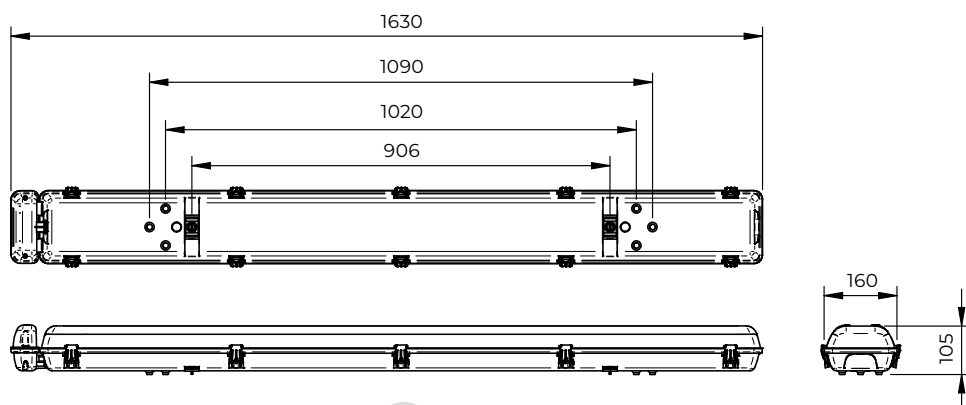
Dimensions (mm)

![Clevertronics logo]

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clevertronics.com.au