

ARGONAUT PLUS WEATHERPROOF LINEAR



High Spec & Efficiency, Switchable Colour & Dual Output

The Argonaut Plus Weatherproof Linear 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 Linear range is available as a Mains or Emergency CLP with monitoring capabilities including Zoneworks HIVE, DALI and CTP.



Features and Benefits

- Tested to BS EN 60598-2-22
- 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



Applications

-  Car Parks
-  Stairwells
-  Fire Stairs

-  Corridors
-  Back of House

Emergency Range



ARGONAUT PLUS WEATHERPROOF LINEAR 600MM

HIGH SPEC & EFFICIENCY, SWITCHABLE COLOUR

ORDERING INFORMATION		EMERGENCY (CLP)	MAINS
Nominal Size		600mm ①	600mm ①
Standard		ARGOPLUS-600-LP	ARGOPLUS-600
DALI Driver		ARGOPLUS-600-DD-LP	ARGOPLUS-600-DD
Motion Sensors		ARGOPLUS-600-SEN-LP	ARGOPLUS-600-SEN
CTP System Compatible		Yes	-
DALI*		ARGOPLUS-600-LP-D2	-
Zoneworks HIVE*		ARGOPLUS-600-LP-HVG	-
Carton Quantity		1	
Weight		1.7kg	1.4kg
Dimensions (L X W X H)		655mm x 160mm x 105mm	655mm x 160mm x 105mm

* For motion sensors add -SEN to the product code as per following example: ARG0PLUS-600-SEN-LP-D2

TECHNICAL SPECIFICATIONS		EMERGENCY (CLP)	MAINS
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		Ra>80 Ta40°C; 157,000hrs (L70/B50), 95,000hrs (L80/B20), 43,000hrs (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 actual power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS		EMERGENCY (CLP)
Operating Mode		Sustained
Battery Type		Lithium Iron Phosphate
Voltage (V) / Capacity (mAh)		3.2V / 6400mAh
Charging Method		Intelligent Current Limited Constant Voltage

LUMINAIRE CLASSIFICATION		EMERGENCY (CLP)			
Without Automatic Testing	X	2	AD	180	
With Automatic Testing	X	2	ADF	180	

ARGONAUT PLUS WEATHERPROOF LINEAR 600MM

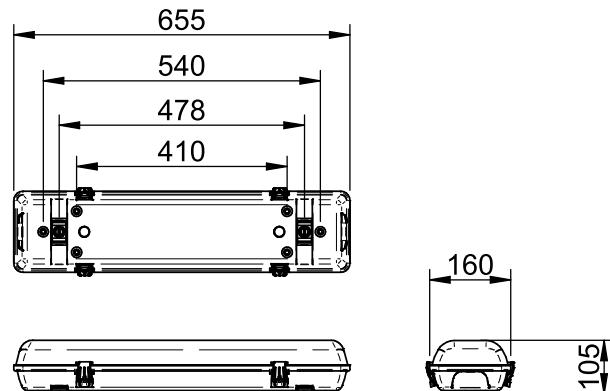
HIGH SPEC & EFFICIENCY, SWITCHABLE COLOUR

NO SENSOR

POWER CONSUMPTION	Standby Charge / Main Lamp On		LUMEN OUTPUT		LUMENS / WATT	
	CLP	MAINS	CLP	MAINS	CLP	MAINS
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		Standby Charge / Main Lamp On @ Min 10%		LUMEN OUTPUT		LUMENS / WATT	
	CLP	MAINS	CLP	MAINS	CLP	MAINS	CLP	MAINS
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



Dimensions in (mm)

ARGONAUT PLUS WEATHERPROOF LINEAR 1200MM

HIGH SPEC & EFFICIENCY, SWITCHABLE COLOUR & DUAL OUTPUT

ORDERING INFORMATION		EMERGENCY (CLP)	MAINS
Nominal Size		1200mm ⓘ	1200mm ⓘ
Standard		ARGOPLUS-1200-LP	ARGOPLUS-1200
DALI Driver		ARGOPLUS-1200-DD-LP	ARGOPLUS-1200-DD
Motion Sensors		ARGOPLUS-1200-SEN-LP	ARGOPLUS-1200-SEN
CTP System Compatible		Yes	-
DALI*		ARGOPLUS-1200-LP-D2	-
Zoneworks HIVE*		ARGOPLUS-1200-LP-HVG	-
Carton Quantity		1	
Weight		2.9kg	2.7kg
Dimensions (L X W X H)		1265mm 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 (CLP)	MAINS
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		Ra>80 Ta40°C; 157,000hrs (L70/B50), 95,000hrs (L80/B20), 43,000hrs (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 actual power, light output, lamp lifetime and driver values.

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

LUMINAIRE CLASSIFICATION		EMERGENCY (CLP)			
Without Automatic Testing	X	2	AD	180	
With Automatic Testing	X	2	ADF	180	

ARGONAUT PLUS WEATHERPROOF LINEAR 1200MM

HIGH SPEC & EFFICIENCY, SWITCHABLE COLOUR & DUAL OUTPUT

NO SENSOR

POWER CONSUMPTION – DEFAULT	Standby Charge / Main Lamp On	Main Lamp On
OUTPUT 2 (650mA)	CLP	MAINS
3000K	33.7W	33.3W
4000K DEFAULT	32.6W	32.2W
5700K	33.6W	33.2W
OUTPUT 1 (350mA)		
3000K	19.2W	18.8W
4000K DEFAULT	18.8W	18.4W
5700K	19.1W	18.7W

LUMEN OUTPUT	
CLP	MAINS
4145 lm	4145 lm
4420 lm	4420 lm
4322 lm	4322 lm
2432 lm	2432 lm
2549 lm	2549 lm
2533 lm	2533 lm

LUMENS / WATT	
CLP	MAINS
123 lm/W	125 lm/W
136 lm/W	137 lm/W
129 lm/W	130 lm/W
127 lm/W	129 lm/W
136 lm/W	139 lm/W
133 lm/W	136 lm/W

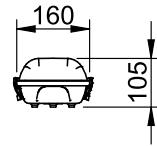
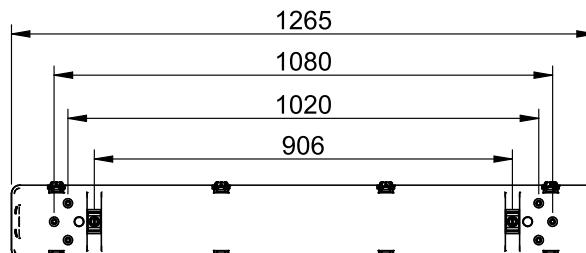
SENSOR

POWER CONSUMPTION	Standby Charge / Main Lamp On	Main Lamp On
OUTPUT (650mA)	CLP	MAINS
3000K	34.3W	33.9W
4000K DEFAULT	33.2W	32.8W
5700K	34.1W	33.7W

Standby Charge / Main Lamp On @ Min 10%	Main Lamp On @ Min 10%
CLP	MAINS
7.5W	4.8W
4.9W	4.5W
5.1W	4.7W

LUMEN OUTPUT	
CLP	MAINS
4145 lm	4145 lm
4420 lm	4420 lm
4322 lm	4322 lm

LUMENS / WATT	
CLP	MAINS
121 lm/W	122 lm/W
133 lm/W	135 lm/W
127 lm/W	128 lm/W



1

Dimensions in (mm)

ARGONAUT PLUS WEATHERPROOF LINEAR 1500MM

HIGH SPEC & EFFICIENCY, SWITCHABLE COLOUR

ORDERING INFORMATION		EMERGENCY (CLP)	MAINS
TEST OPTIONS / PART #	Nominal Size	1500mm 	1500mm 
	Standard	ARGOPLUS-1500-LP	ARGOPLUS-1500
	DALI Driver	ARGOPLUS-1500-DD-LP	ARGOPLUS-1500-DD
	Motion Sensors	ARGOPLUS-1500-SEN-LP	ARGOPLUS-1500-SEN
	CTP System Compatible	Yes	-
	DALI*	ARGOPLUS-1500-LP-D2	-
	Zoneworks HIVE*	ARGOPLUS-1500-LP-HVG	-
	Carton Quantity	1	
Weight		3.6kg	3.3kg
Dimensions (L X W X H)		1565mm 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 (CLP)	MAINS
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		Ra>80 Ta40°C; 157,000hrs (L70/B50), 95,000hrs (L80/B20), 43,000hrs (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 actual power, light output, lamp lifetime and driver values.

EMERGENCY SPECIFICATIONS		EMERGENCY (CLP)
Operating Mode		Sustained
Battery Type		Lithium Iron Phosphate
Voltage (V) / Capacity (mAh)		3.2V / 6400mAh
Charging Method		Intelligent Current Limited Constant Voltage

LUMINAIRE CLASSIFICATION		EMERGENCY (CLP)			
Without Automatic Testing	X	2	AD	180	
With Automatic Testing	X	2	ADF	180	

ARGONAUT PLUS WEATHERPROOF LINEAR 1500MM

HIGH SPEC & EFFICIENCY, SWITCHABLE COLOUR

NO SENSOR

POWER CONSUMPTION	Standby Charge/ Main Lamp On	Main Lamp On
OUTPUT (950mA)	CLP	MAINS
3000K	49.3W	48.9W
4000K DEFAULT	47.5W	47.1W
5700K	49.2W	48.8W

LUMEN OUTPUT	
CLP	MAINS
5877 lm	5877 lm
6337 lm	6337 lm
6185 lm	6185 lm

LUMENS / WATT	
CLP	MAINS
119 lm/W	120 lm/W
133 lm/W	135 lm/W
126 lm/W	127 lm/W

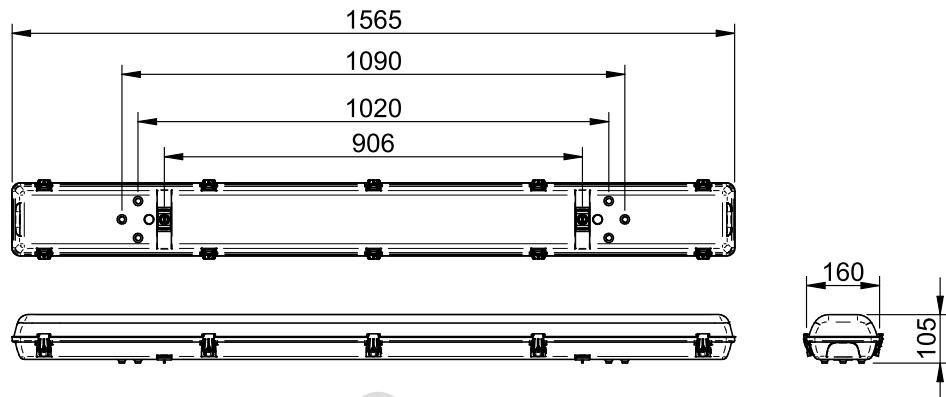
SENSOR

POWER CONSUMPTION	Standby Charge/ Main Lamp On	Main Lamp On
OUTPUT (950mA)	CLP	MAINS
3000K	48.3W	47.9W
4000K DEFAULT	46.7W	46.3W
5700K	48.1W	47.7W

Standby Charge/ Main Lamp On @ Min 10%	Main Lamp On @ Min 10%
CLP	MAINS
7.1W	6.7W
7.0W	6.6W
7.1W	6.7W

LUMEN OUTPUT	
CLP	MAINS
5877 lm	5877 lm
6337 lm	6337 lm
6185 lm	6185 lm

LUMENS / WATT	
CLP	MAINS
122 lm/W	123 lm/W
136 lm/W	137 lm/W
129 lm/W	130 lm/W



Dimensions in (mm)

*Warranty information located at: <https://clevertronics.co.uk/clevertronics-uk-warranty-statement>

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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