

CIRCLITE EMERGENCY LIGHT

LED Circular Emergency light

The Circlite Emergency 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



Features and Benefits

- Tested to BS EN 60598-2-22
- Switchable colour (3000K / 4000K / 5700K)
- Switchable output (varies by model)
- Lumen Efficiency 112lm/W
- Clevertronics Stallion Driver
- Large Terminal Block
- Microwave sensor options available



CIRCLITE EMERGENCY LIGHT

ORDERING INFORMATION		EMERGENCY (CLP)	MAINS
TEST OPTIONS / PART #	Standard	CIRC-LP	CIRC
	Motion Sensor	CIRC-SEN-LP	CIRC-SEN
	DALI Driver	CIRC-DD-LP	CIRC-DD
	Clevertest Plus System Compatible	Yes	-
	DALI*	CIRC-LP-D2	-
	Zoneworks® XT Hive	CIRC-LP-HVG	-
Carton Quantity		1	
Weight - Single (Carton)		1.45kg	1.22kg
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 (CLP)	MAINS
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	0°C to 40°C	
Ingress Protection Rating (IP)	IP20	

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)				MAINS			
Without Automatic Testing	X	0	AD	180	X	0	AD	180
With Automatic Testing	X	0	ADF	180	X	0	ADF	180

1 LUX SPACING TABLE AND MOUNTING HEIGHTS				
CEILING MOUNTING HEIGHT (M)	Escape Routes 1 Lux min. along centre line			
	Axial Spacing	Transverse Spacing	Axial to Wall	Transverse to Wall
	CLP	CLP	CLP	CLP
2.7	11.1	11.1	3.8	3.8
3	11.6	11.6	3.9	3.9
4	13.0	13.0	4.9	4.9
5	13.9	13.9	4.9	4.9

0.5 LUX SPACING TABLE AND MOUNTING HEIGHTS				
CEILING MOUNTING HEIGHT (M)	Open (Anti-panic) Areas 0.5 Lux min. within core area Luminaires arranged in a regular array			
	Axial Spacing	Transverse Spacing	Axial to Wall	Transverse to Wall
	CLP	CLP	CLP	CLP
2.7	11.1	11.1	2.7	2.7
3	11.4	11.4	2.7	2.7
4	12.4	12.4	3.1	3.1
5	13.5	13.5	3.5	3.5

PROTECTION
Battery overvoltage & overcurrent protection
Battery deep discharge protection
Supply voltage polarity reversal protection
Battery short-circuit protection (charging will resume upon removal of fault)

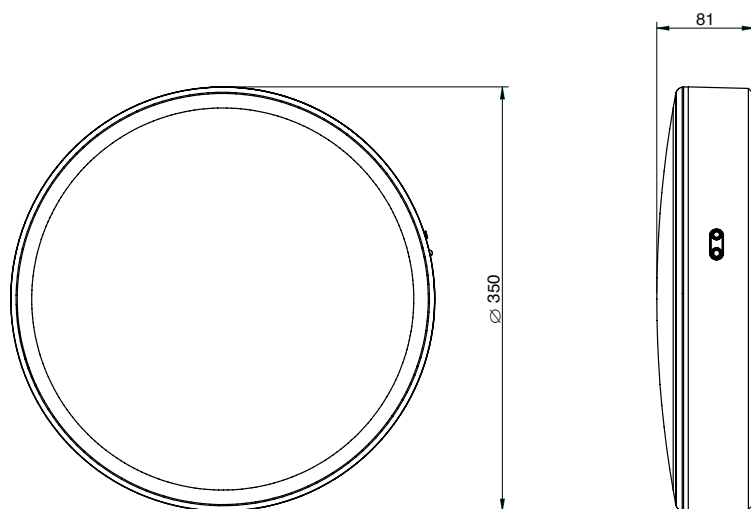
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NO SENSOR

POWER CONSUMPTION	Standby Charge / Main Lamp On	Main Lamp On	LUMEN OUTPUT		LUMENS / WATT	
	EMERGENCY (CLP)	MAINS	EMERGENCY (CLP)	MAINS	EMERGENCY (CLP)	MAINS
OUTPUT High (500mA)						
3000K	21.0W	20.6W	2182lm	2192lm	103.9 lm/W	106.4 lm/W
4000K DEFAULT	20.4W	20.0W	2257lm	2257lm	110.6 lm/W	112.9 lm/W
5700K	21.0W	20.6W	2141lm	2141lm	102.0 lm/W	103.9 lm/W
OUTPUT LOW (250mA)						
3000K	10.8W	10.4W	1121lm	1121lm	103.8 lm/W	107.8 lm/W
4000K	10.6W	10.2W	1159lm	1159lm	109.3 lm/W	113.6 lm/W
5700K	10.8W	10.4W	1148lm	1148lm	106.3 lm/W	110.4 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 (500mA)	EMERGENCY (CLP)	MAINS	EMERGENCY (CLP)	MAINS	EMERGENCY (CLP)	MAINS	EMERGENCY (CLP)
3000K	22.3W	21.1W	3.6W	2.9W	2192lm	2192lm	98.3 lm/W	103.9 lm/W
4000K DEFAULT	21.7W	20.5W	3.6W	2.9W	2257lm	2257lm	104.0 lm/W	110.1 lm/W
5700K	22.3W	21.1W	3.6W	2.9W	2141lm	2141lm	96.0 lm/W	101.5 lm/W



Dimensions (mm)

*Warranty information located at: <https://clevertronics.co.uk/product-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.

clevertronics.co.uk

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