

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

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



Features and Benefits

- AS/NZS 2293.3 Compliant
- Switchable colour (3000K / 4000K / 5700K)
- Switchable output (varies by model)
- Lumen Efficiency 112lm/W
- Clevertronics Stallion Driver
- Large Terminal Block
- Microwave sensor options available



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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® XT Hive*	-	CIRC-LP-HVG	-
Carton Quantity	1			
Weight - Single (Carton)	1.26kg	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

TECNICAL 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/>

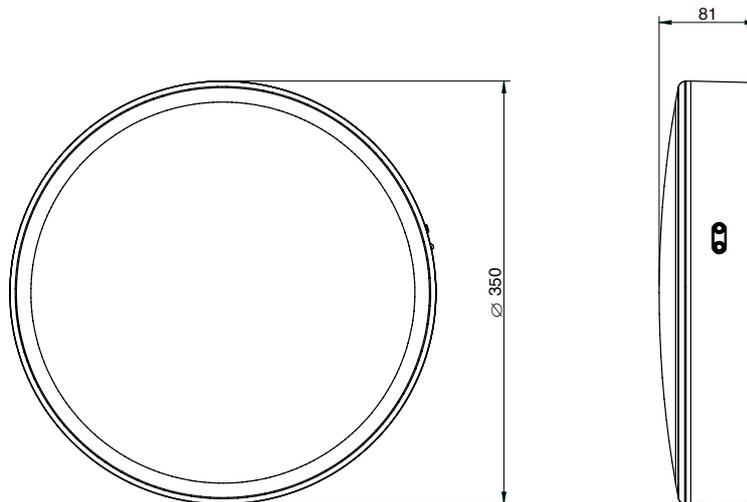
CIRCLITE EMERGENCY LIGHT

NO SENSOR / NO DALI DRIVER

POWER CONSUMPTION	Standby Charge / Main Lamp On	Standby Charge / Main Lamp On	Main Lamp On	LUMEN OUTPUT			LUMENS / WATT		
	TS	LP	STANDARD	TS	LP	STANDARD	TS	LP	STANDARD
OUTPUT (500mA)									
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
OUTPUT (500mA)												
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



Dimensions (mm)

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Clevertronics is committed to continuously improving its products.
All features and specifications are subject to change without prior notice.
_PRODUCT SHEETS – ANZ Circlite APRIL24

