Clevertronics

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.

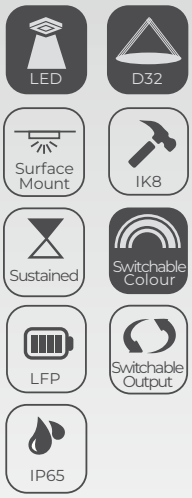
Applications

- Apartments
- Car Parks
- Factories
- Railway Stations
- Schools
- Sports Facilities

TRADE SERIES
THE TRADIES CHOICE

LP LITHIUM IRON PHOSPHATE
PREMIUM
PREMIUM PROJECT PERFORMANCE

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
- DALI and Zoneworks test options

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® XT Hive*	-	ARGOCIRC-LP-HVG	-
Carton Quantity		1		
Weight - Single (Carton)		1.49kg	1.58kg	1.28kg
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 Stabilsed Polycarbonate		
Construction - Diffuser	UV Stabilsed Polycarbonate		
Voltage (V) Frequency (Hz)	220-240V (50Hz)		
Power Consumption (Standby / Max)	(See Table on next Page)		
Lamp	Dual LED Panel		
Luminaire CCT	Switcahble 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/

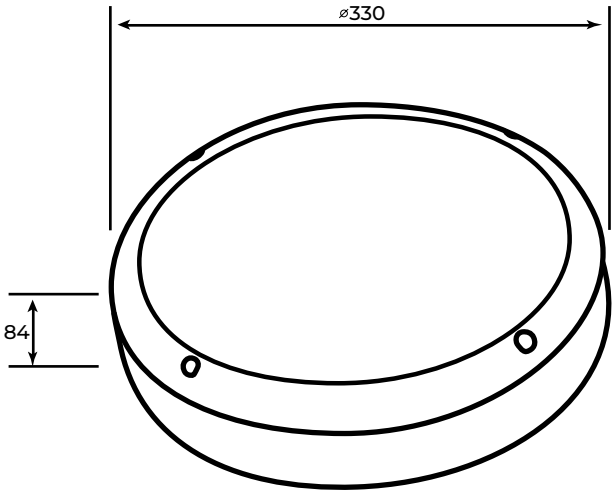
ARGO CIRCULAR

NO SENSOR

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



Dimensions (mm)

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