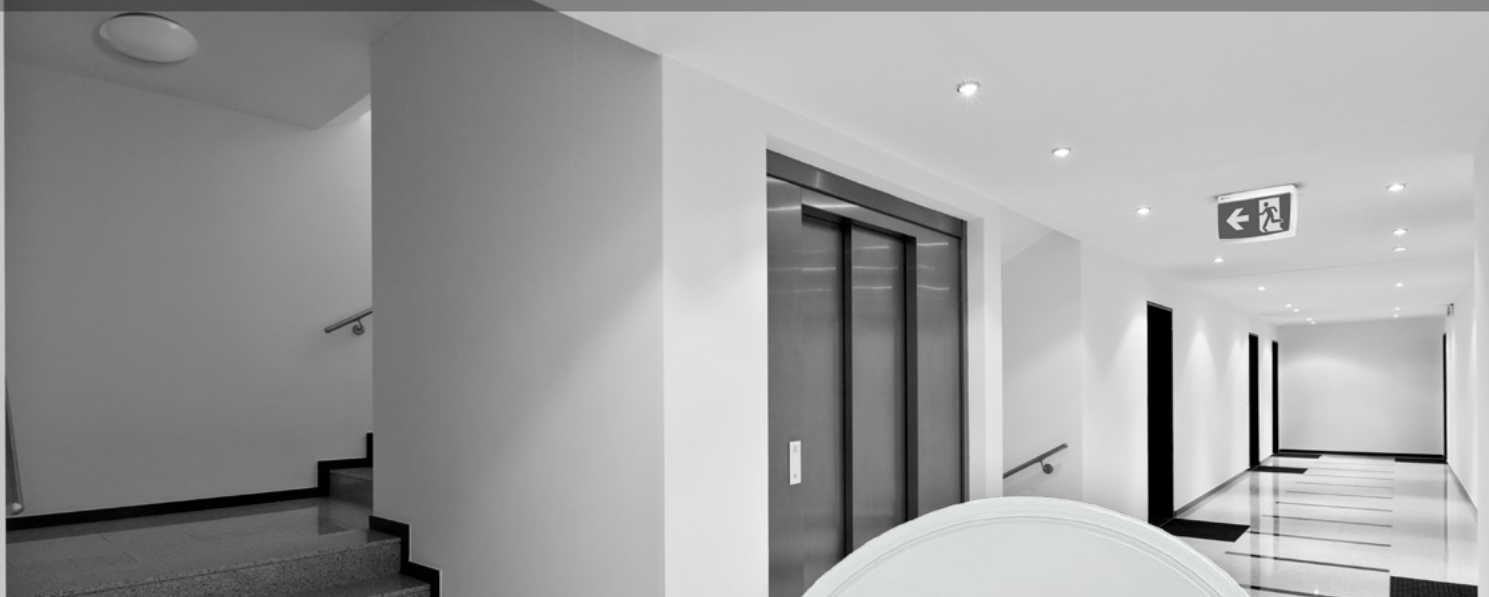


DISC CIRCULAR LED LUMINAIRE



Disc Circular LED Emergency Luminaire



The DISC Circular LED is an IP20, surface mounted round luminaire ideal for stairwells and corridors.

This round luminaire is assembled on a strong white spun metal base with a UV stabilised opal diffuser for smooth illumination, and includes lithium battery technology which ensures significant maintenance savings compared to other alternatives.

Applications



Office Buildings



Car Parks



Public Amenities



Railway Stations



Schools



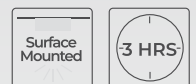
Sports Facilities

L10 LITHIUM
NANOPHOSPHATE®
OPTIMUM
NOTHING ELSE COMPETES WITH NANOPHOSPHATE®

Clevertest Plus
System

Features and Benefits

- Tested to BS EN 60598-2-22
- LED lamps
- Lithium Nanophosphate® battery
- Large terminal block
- DALI® and Zoneworks® test options available
- Clevertest Plus System compatible



DISC CIRCULAR LED LUMINAIRE

ORDERING INFORMATION		L10	MAINS
TEST OPTIONS PART NO	Standard	LDISC	FDISC
	Carton Quantity	1	
	Clevertest Plus System compatible	Yes	-
	DALI	LDISC-DALI	-
	Zoneworks® XT Hive	LDISC-HVG	-
	Weight - single	2.7kg	1.9kg
	Dimensions (Diameter x H)	425mm x 116mm	

POWER, LAMPS AND BATTERY		L10	MAINS
Power Consumption (Standby / Max)		1.2W / 27W	25W
Lamp(s) (CCT / Life)		LED Module 4000K / 72,000hrs	
Nominal Lumen Output		3094lm	3094lm
Battery		Lithium Nanophosphate	-
Voltage / Capacity (mAh)		6.6V / 2500mAh	-
Charging Method		Intelligent current limited constant voltage	-

TECHNICAL SPECIFICATIONS		L10	MAINS
Operating Mode		Maintained	Non-Emergency
Voltage (V) (Frequency (Hz))		220-240V (50Hz)	
Operating Temperature		0°C to 40°C	
Ingress Protection Rating (IP)		IP20	

WALL MOUNTING HEIGHT (M)	1 LUX SPACING TABLE AND MOUNTING HEIGHTS			
	Escape Routes 1 Lux min. along centre line			
	Axial Spacing	Transverse Spacing	Axial to Wall	Transverse to Wall
	L10	L10	L10	L10
2.1	-	8.7	2.8	-
2.4	-	8.8	2.7	-
2.7	-	9.0	2.5	-

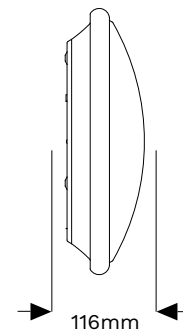
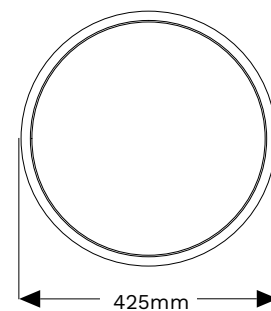
Wall mounted spacings calculated using a 2.5m wide passageway / 3m high ceiling.

CEILING MOUNTING HEIGHT (M)	1 LUX SPACING TABLE AND MOUNTING HEIGHTS			
	Escape Routes 1 Lux min. along centre line			
	Axial Spacing	Transverse Spacing	Axial to Wall	Transverse to Wall
	L10	L10	L10	L10
2.7	-	11.9	-	4.4
3	-	12.5	-	4.4
4	-	13.9	-	5.2
5	-	14.9	-	5.2

CEILING MOUNTING HEIGHT (M)	0.5LUX SPACING TABLE AND MOUNTING HEIGHTS			
	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
	L10	L10	L10	L10
2.7	13.0	12.1	3.4	3.8
3	13.8	12.6	3.6	4
4	15.2	14.9	4.3	4.3
5	17	16.2	3.8	4.5

LUMINAIRE CLASSIFICATION	L10			
	With Automatic Testing	X	1	AD
Without Automatic Testing	X	1	ADF	180

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)	



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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