SENTINEL - MODULE

Stand-alone self-contained emergency LED downlight

KAZZAR®
EMERGENCY

Data Sheet

Product Information

- Versatile stand-alone self-contained emergency LED down-light
- Constant high lumen outputs in emergency mode (up to 270lm)
- Non maintained configuration
- Open area, corridor and spot lens options
- 45° spot lens to secure 5 Lux at point of emphasis as required by BS EN 5266:2016
- Self-test version available
- Remote controls available.

Please note:

- ARC remote control is optional
- PRC remote control is required
- Suitable for open areas and escape routes in indoor applications such as educational and office buildings

Features

- Low stand-by power consumption (0.5W for non-maintained mode)
- Lithium battery integrated with fast battery re-charged (8hrs)*
- 5 year warranty on the luminaire and battery

| IP20 | IK06 | ▣ |

Lens	Part Number	Emergency Output	Emergency Lumen Output	Testing Facility	Remote Control Part Number
Open Area (125°)	SENT02-1.5OA2-MT	1.5W	150lm	MT (Manual Test)	ARC (optional)
	SENT02-1.5OA2-AST	1.5W	150lm	AST (Advance Self Test)	ARC (optional)
	SENT02-1.5OA2-PST	1.5W	150lm	PST (Programme Self Test)	PRC (optional)
	SENT02-3OA2-MT	3W	270lm	MT (Manual Test)	ARC (optional)
	SENT02-3OA2-AST	3W	270lm	AST (Advance Self Test)	PRC (optional)
	SENT02-3OA2-PST	3W	270lm	PST (Programme Self Test)	ARC (optional)
Corridor (145° x 75°)	SENT02-1.5-C-MT	1.5W	140lm	MT (Manual Test)	ARC (optional)
	SENT02-1.5-C-AST	1.5W	140lm	AST (Advance Self Test)	ARC (optional)
	SENT02-1.5-C-PST	1.5W	140lm	PST (Programme Self Test)	PRC (optional)
Open Area (155°)	SENT02-3-OA1-MT	3W	270lm	MT (Manual Test)	ARC (optional)
	SENT02-3-OA1-AST	3W	270lm	AST (Advance Self Test)	PRC (optional)
	SENT02-3-OA1-PST	3W	270lm	PST (Programme Self Test)	ARC (optional)
Spot (45°)	SENT02-3-S45-MT	3W	270lm	MT (Manual Test)	ARC (optional)
	SENT02-3-S45-AST	3W	270lm	AST (Advance Self Test)	PRC (optional)
	SENT02-3-S45-PST	3W	270lm	PST (Programme Self Test)	ARC (optional)

TEL: 0208 090 1413
EML: sales@kazzar.net
WEB: www.kazzar.net

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Technical Information

Input voltage/frequency	220-240V AC 50Hz
Power consumption	
Maintained	N/A
Non-maintained	
Lumen output	
On mains voltage	N/A
On emergency mode	150lm
LEDs Lifetime (L-70)	50,000h
Discharge duration	3hr
Wh (maintained standby)	0.5
Wh (non-maintained standby)	
Charge duration	Up to 8hrs (first charge 16hrs)
Test facility	MT, AST, PST
IP Rating	IP54 (front) IP20 (Back & LED driver)
IK Rating	IK06
Insulation class	II
Operation temp.	0-40°C
Storage temp.	0-50°C

Light source

Brand	Luminus
CCT	4000K
CRI	>80

Materials

Luminaire housing	Polycarbonate
Luminaire diffuser	Polycarbonate
Luminaire bracket	Polycarbonate
Luminaire screws	Nickel Steel
Finish	Matt
Colour	White
Battery type	Li-ion 3.6V 2500mAh

Dimensions

Product dimensions (L x W x D)	Head: Ø60x29.8 Body: 230x82x40
Product Net weight	-

Certification

Safety standard	BS EN 60598-2-22
Certified by	LIA
CE mark	Yes

Installation Notes

- Recessed ceiling mounts
- Terminal block takes wires up to 2 x 1.5mm²
- IP54 rating front face only

Testing Facilities

SD (Standard)	Functional and full duration tests must be initiated and carried out manually according to BS EN 50172:2004. This luminaire has an integrated test button for quick functional test.
AST (Advanced Self-Test)	This is a self-test luminaire. Functional test is carried out automatically once a week and runs for 30 seconds. Full duration test is carried out automatically every 52 weeks. First full duration test is carried out automatically within the first 4 weeks after the luminaire being connected to mains voltage. This luminaire can also be use in conjunction with the Advanced Remote Control (ARC). ARC is an optional tool that adds extra features to AST emergency luminaires. Please refer to the ARC's user guide.
PST (Programmable Self-Test)	This is a programmable self-test luminaire. It must be used in conjunction with a Programmable Remote Control (PRC). Please refer to PRC's user guide.

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