VISUAL Emergency Downlight

Part numbers

DLB3-S45-MT
DLB3-S45-AST
DLB3-S45-PST

Specification: Stand-alone self-contained emergency LED downlight. Spot lens integrated. Constant emergency light (3W/ 270lm) for 3 hours. Low stand-by power consumption (0.5W). Self-test versions and remote controls available. Lithium battery integrated. Non-maintained configuration. Ceiling surface mount. Suitable for open area and corridor indoor applications.

LED
Self Test *
50,000 hrs (LEDs)
Test Button
Emergency Lighting Output
270lm Lumens
3W Output Spot lens
3 hour
Warranty 5 Years Battery included
RoHS

* Self-test only available on AST and PST versions

Key Features

- Integrated test button
- Low stand-by power consumption (0.5 W)
- Fast battery re-charge (8 hours)*
- Open area, corridor and spot lens options
- Remote control available

* First battery charge takes up to 16 hours

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Part number	Description	Testing facility	Remote control part number *	Operating temperature	Net weight
DLB3-S45-MT	Ceiling mounted LED downlight NM 3W 270lm 45° beam MT	Manual Test (MT)	ARC	0°C ~ 40°C	0.32 kg
DLB3-S45-AST	Ceiling mounted LED downlight NM 3W 270lm 45° beam Self Test AST	Advanced Self-Test (AST)	ARC		
DLB3-S45-PST	Ceiling mounted LED downlight NM 3W 270lm 45° beam Self Test PST	Programmable Self-Test (PST)	PRC		

* Advance Remote Control (ARC) allows the accredited installer to carry out functional tests and/or full duration tests at any time and to check system's status. Please refer to ARC's user guide. In addition to ARC functions the Programmable Remote Control (PRC) allows the accredited installer to programme the testing schedule of each emergency luminaire. Please refer to PRC's user guide.

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Technical information

Input voltage/frequency	220-240V AC 50Hz
Power consumption	
Maintained	N.A.
Non-maintained	6W(Max.*) 0.5W(standby)
Lumen output	
On mains voltage	N.A.
On emergency mode	270lm
LEDs Lifetime (L-70)	50,000h
Discharge duration	3hr
Wh (non-maintained standby)	0.5
Charge duration	up to 8hrs (first charge up to 16hrs)
Test facility	MT, AST, PST
IP rate	IP20
IK rate	IK06
Insulation class	II
Operation temp.	0~40°C
Storage temp.	0~50°C

Materials

Luminaire housing	Polycarbonate
Luminaire diffuser	Polycarbonate
Luminaire bracket	Polycarbonate
Luminaire legend	N.A.
Luminaire screws	Nickel Steel
Finish	Matt
Colour	White
Battery type	Li-Ion 3.6V 5000mAh

Logistic information

Product dimensions (L x W x D)mm	R75 x 40 mm
Product Net weight (Kg)	0.32Kg
Box dimensions (L x W x D)mm	160 x 154 x 50 mm
Gross weight (Kg)	0.40Kg
Quantity of outer carton	28 pcs
Outer carton dimensions(L x W x D)mm	360 x 336 x 327 mm
Outer carton gross weight (Kg)	11.60Kg
Quantity per Euro pallet (1200 x 800)	672 pcs
Pallet weight (Kg)	10 Kg

Light Source

Brand	Luminus
Quantity	1 pcs
CCT	4000K
CRI	>80

* Power consumption only during charging mode

Certification

Safety standard	BS EN 60598-2-22
Certified by	LIA
CE mark	Yes
Factory QMS	ISO9001

Installation Notes

- Surface ceiling mount
- Cable entry to side (20mm cut-out) and rear
- Screwless terminal block (L, N, earth loop in/out)
- Terminal block takes wires up to 3 x 2.5mm²

TESTING FACILITIES

MT (Manual Test)	This luminaire needs to be tested by a competent person according to BS EN 50172:2004. This luminaire can be used in conjunction with the Advanced Remote Control (ARC). ARC is an optional tool that adds new features to AST and MT emergency luminaires. If functional test or full duration test is initiated via ARC the MT luminaire will automatically switch to mains mode after the functional or full duration test is completed.
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 be used 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.