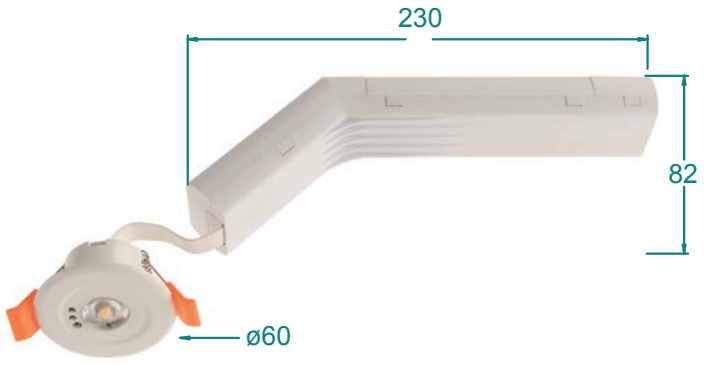
MAX Emergency Downlight

Part numbers

DLA3-S45-MT
DLA3-S45-AST
DLA3-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 recessed mounting. Suitable for open area and corridor indoor applications.

LED
Self Test *
50,000 hrs (LEDs)
50
Emergency Lighting Output 270lm Lumens 3W Spot lens
3 hour
IP 20 Back & LED driver
Warranty 5 Years Battery included
RoHS
IP 54 Front

* Self-test only available on AST and PST versions

Key Features

- Non-maintained configuration
- High lumen output in emergency mode
- Fast battery re-charge (8 hrs)*
- Low stand-by power consumption (0.5 W)
- 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
DLA3-S45-MT	Recessed LED downlight NM 3W 270lm 45° beam MT	Manual Test (MT)	ARC	0°C ~ 40°C	0.25 kg
DLA3-S45-AST	Recessed LED downlight NM 3W 270lm 45° beam Self Test AST	Advance Self-Test (AST)	ARC		
DLA3-S45-PST	Recessed 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 rating	IP54 (Front) IP20 (Back&LED driver)
IK rating	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	Head:ø60x29.8 Body:230x82x40
Product Net weight (Kg)	0.25Kg
Box dimensions (L x W x D)mm	242 x 95 x 44 mm
Gross weight (Kg)	0.32Kg
Quantity of outer carton	42 pcs
Outer carton dimensions(L x W x D)mm	500 x 318 x 315 mm
Outer carton gross weight (Kg)	14.10Kg
Quantity per Euro pallet (1200 x 800)	1050 pcs
Pallet weight (Kg)	10 Kg

Light Source

Brand	Luminus
Quantity	1 pcs
CCT	4000K
CRI	>80

Certification

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

* Power consumption only during charging mode

Installation Notes

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

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.