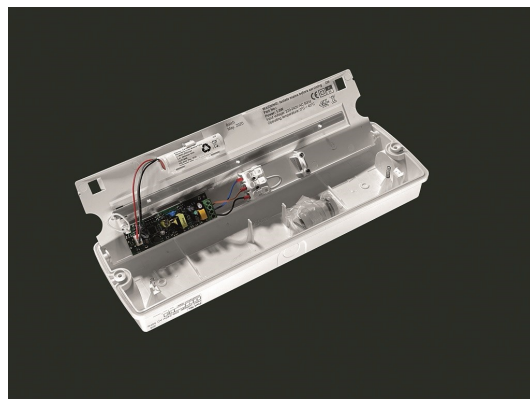# GUARD PLUS

Weatherproof, robust self-contained emergency LED bulkhead

KAZZAR®
EMERGENCY

Data Sheet

Product Information

Emergency LED Bulkhead has up to 320 lumens output, from 15 metre viewing distance, at an angle of 105°, providing high versatility for a large number of applications.

- Weatherproof (IP65) and robust (IK10) self-contained emergency LED bulkhead

- High lumen outputs in emergency mode (170lm and 320lm)

- Maintained switchable, maintained, and non-maintained configurations in the same bulkhead

- Suitable for BESA and 20mm conduit installations

- Screwless terminal block integrated for easy wiring

- Supplied with IP65 cable gland and fixing kit

- Self-test versions available.

Please note:

- ARC remote control is optional

- PRC remote control is required

- Suitable for indoor and outdoor applications such as car parks, distribution centres, storage rooms and sports centres

- Pre-Wire Service available to required cable length and connector type

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

- Compliant with BS EN 60598- 2-22

* First battery charge takes up to 16 hours   IP65 IK10

Part Number	Power Output	Mains/Emergency Lumen Output	Configuration	Testing Facility
GUA02-1.5-SD	1.5W	170 / 170 lm	Maintained/non-maintained	SD (Standard)
GUA02-1.5-AST	1.5W	170 / 170 lm		AST (Advanced Self-Test)
GUA02-1.5-PST	1.5W	170 / 170 lm		PST (Programme Self-Test)
GUA02-3-AST	3W	320 / 320 lm		AST (Advanced Self-Test)
GUA02-3-PST	3W	320 / 320 lm		PST (Programme Self-Test)
GUA02-12-AST	12W	1400 / 170 lm		AST (Advanced Self-Test)

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

KAZZAR®
LIGHTING & CONTROLS

Technical Information

Input voltage/frequency	220-240V AC 50Hz
Power consumption	
Maintained	5W (Max.*), 3W
Non-maintained	3W (Max.*), 0.5W (standby)
Lumen output	
On mains voltage	170lm
On emergency mode	170lm
LEDs Lifetime (L-70)	50,000h
Discharge duration	3hr
Wh (maintained standby)	3
Wh (non-maintained standby)	0.5
Charge duration	Up to 8hrs (first charge up to 16hr)
Test facility	SD, AST, PST
IP Rating	IP65
IK Rating	IK10
Insulation class	II
Operation temp.	0-40°C
Storage temp.	0-50°C

Materials

Luminaire housing	Polycarbonate
Luminaire diffuser	Polycarbonate
Luminaire bracket	Polycarbonate
Luminaire screws	SUS 316
Finish	Black Matt, Front smooth
Colour	White
Battery type	Li-ion 3.6V 2500mAh

Dimensions

Product dimensions (L x W x D)	355 x 109 x 60.8 mm
Product Net weight	0.56 kg

Certification

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

Light source

Brand	Everlight
CCT	4000K
CRI	>80

Installation Notes

- Surface ceiling mounts or wall mount
- BESA entry drilling template on rear
- IP65 and IK10 rating
- Cable entry to sides, top/bottom and rear (20mm cut outs)
- Screwless terminal block (SL, L, N)
- Terminal block takes wires up to 3 x 2.5mm²

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.

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

KAZZAR®
LIGHTING & CONTROLS