

Specification: Weatherproof (IP65) and robust (IK10) self-contained and self-test emergency LED bulkhead. Constant emergency light (1.5W/170lm) for 3 hours. Low stand-by power consumption. Remote control available. Self-adhesive legend available for 18m viewing distance exit sign. Lithium battery as standard. Maintained or non-maintained configurations. Suitable for indoor and outdoor applications such as car parks, distribution centres, storage rooms and sports centres.



* Self-test function is disabled by default. If self-test function is required please use remote control ARC to enable it.

Key Features

- Maintained and Non-maintained configurations
- Low stand-by power consumption (0.5 W)*
- Fast battery re-charge (8 hrs)**
- IP65 cable gland included
- Remote control available

* Non-maintained mode only

** First battery charge takes up to 16 hours

Mini GRANITE Emergency Bulkhead

Part number	Description	Testing facility	Remote control part number **	Operating temperature	Net weight
BHB1.5-AST	EM LED bulkhead mini 1.5W 170lm AST	Advance Self-Test (AST)	ARC	0°C ~ 40°C	0.26kg

** Advance Remote Control (ARC) allows the competent 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.

Mini GRANITE Emergency Bulkhead

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	3 hours
Wh (maintained standby)	3
Wh (non-maintained standby)	0.5
Charge duration	up to 8hrs (first charge up to 16hrs)
Test facility	AST
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 legend	N.A.
Luminaire screws	SS 316
Finish	White Matt, Front smooth
Colour	White
Battery type	Li-Ion 3.6V 2500mAh

Logistic information	
Product dimensions (L x W x D)mm	199.5 x 95 x 45.5 mm
Product Net weight (kg)	0.26kg
Box dimensions (L x W x D)mm	205 x 98 x 53 mm
Gross weight (kg)	0.326kg
Quantity of outer carton	36 pcs
Outer carton dimensions(L x W x D)mm	424 x 345 x 315 mm
Outer carton gross weight (kg)	12.15kg
Quantity per Euro pallet (1200 x 800)	864 pcs
Pallet weight (kg)	10kg

Light Source	
Brand	Everlight
Quantity	6 pcs
CCT	4000K
CRI	>80

* Power consumption only during charging mode

Certification	
Safety standard	BS EN 60598-2-22
Certified by	DEKRA
UKCA / CE / ENEC mark	Yes
Factory QMS	ISO9001

INSTALLATION NOTES

- Surface ceiling or wall mount
- BESA entry drilling template on rear
- IP65 and IK10 rating
- Cable entry to sides and rear (15mm cut-outs)
- Terminal block takes wires up to 3 x 1.5mm²

TESTING FACILITIES









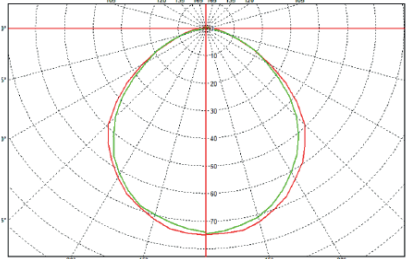
AST (Advanced Self-Test)

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.

* Please note that the self-test function is disabled by default and therefore this luminaire needs to be tested by a competent person according to BS EN 50172:2004. If self-test function is required please use remote control ARC to enable it.

Mini GRANITE Emergency Bulkhead

SPACING TABLE

Photometric curve	Model Number	Mounting height (m)	Lux level directly under	Anti-panic 0.5 lux				Escape Route 1 lux			
				 Transverse to Wall	 Transverse to Transverse	 Axial to Axial	 Axial to Wall	 Transverse to Wall	 Transverse to Transverse	 Axial to Axial	 Axial to Wall
	BHB1.5	2.5	8	5	10.8	12.5	5.6	3.8	8.3	10.5	4.5
		3	5.4	5.1	11.4	13.8	6	3.8	8.6	11.3	4.7
		3.5	3.9	5.1	11.7	14.4	6.2	3.8	8.8	11.8	4.8
		4	3.3	5.1	12.1	15.2	6.3	3.7	9	12	4.8
		4.5	2.6	5.2	12.3	16.1	6.4	3.7	9.2	12.3	4.7
		5	2.1	5.2	12.4	16.5	6.5	3.6	9.2	12.3	4.6
		5.5	1.8	5.3	12.6	16.9	6.6	3.5	9.3	12.3	4.6
		6	1.5	5.3	12.8	17.7	6.7	3.4	9.4	12.4	4.5
		6.5	1.3	5.3	12.9	18.1	6.7	-	9.5	12.6	-
		7	1.1	5.3	13.2	18.3	6.7	-	10.3	13.1	-
		7.5	1	5.2	13.2	18.5	6.6	-	10	13.3	-
		8	0.8	5	13.3	18.7	6.5	-	9.9	13.1	-
		8.5	0.7	4.8	13.4	18.8	6.3	-	9.8	13.1	-
		9	0.7	4.6	13.6	18.9	6.1	-	9.8	13	-
		9.5	0.6	-	13.7	19.1	-	-	9.8	13	-
		10	0.5	-	13.8	19.4	-	-	9.8	13	-