High Ceiling Emergency LED Luminaire

Part numbers

HCA5-C-AST

Product shown with bracket option

200 mm

200 mm

57.2 mm

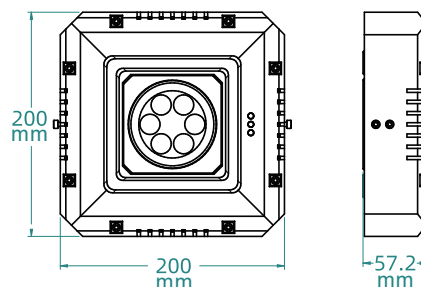**Specification:** Stand-alone, self-contained, High ceiling emergency LED luminaire. Corridor lens as standard (other options available). Constant emergency light (5W/850lm) for 3 hours. Low stand-by power consumption (0.5W). Manual test and Advance self-test (AST) options available. Lithium battery as standard. Maintained, Switch maintained and non-maintained configurations. Ceiling and wall surface mounting (Including BESA box), plus suspension and bracket mount options. Suitable for open area and corridor indoor applications.

LED

Self Test *

50,000 hrs (LEDs)

Emergency Lighting Output
850lm
5W Output

3 hour

Warranty 5 Years Battery included

UKCA

CE

RoHS

* Self-test only available on AST version

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

VISUAL Emergency Downlight

Part number	Description	Testing facility	Remote control part number *	Operating temperature	Net weight
HCA5-C-AST	High Ceiling LED luminaire 5W 850lm Corridor lens AST	Advance Self-Test (AST)	ARC	0°C ~ 40°C	1.92kg

* 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.

Technical information

Input voltage/frequency	220-240V AC 50Hz
Power consumption	
Maintained	10W(max*) 5.5W(Standby)
Non-maintained	6W(Max.*) 0.5W(standby)
Lumen output	
On mains voltage	850lm
On emergency mode	850lm
LEDs Lifetime (L-70)	50,000h
Discharge duration	3 Hours
Wh (non-maintained standby)	0.5
Charge duration	up to 8hrs (first charge up to 16hrs)
Test facility	MT, AST
IP rate	IP60
IK rate	IK10
Insulation class	II
Operation temp.	0~40°C
Storage temp.	0~50°C

Materials

Luminaire housing	Aluminum
Luminaire diffuser	Polycarbonate
Luminaire bracket	Aluminum
Luminaire legend	N.A.
Luminaire screws	Nickel Steel
Finish	Matt
Colour	White
Battery type	LFP 6.4V 4000mAh

Logistic information

Product dimensions (L x W x H)mm	200 x 200 x 57.2 mm
Product Net weight (kg)	1.92kg
Box dimensions (L x W x D)mm	280 x 235 x 70 mm
Gross weight (kg)	2.4 kg
Quantity of outer carton	5 pc's
Outer carton dimensions(L x W x D)mm	360 x 300 x 250 mm
Outer carton gross weight (kg)	12kg
Quantity per Euro pallet (1200 x 800)	280 pc's
Pallet weight (kg)	10kg

Light Source

Brand	SMALITE
Quantity	7 pc's
CCT	4000K
CRI	>70

Certification

Safety standard	BS EN 60598-2-22
Certified by	TUV
UKCA / CE	Yes
Factory QMS	ISO9001

* Power consumption only during charging mode

Installation Notes

- Surface, BESA box, bracket or suspension mounting
- Cable entry wired to rear (Side entry also available)
- 45 / 80 / 125 lens options available
- Pre-wired with 1.5m 4 core 0.75mm squared H05RN-F rubber flexible cable
- Bracket option available (HCA-B)

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.