



# Emergency - (100% & 50% & 30%) LED Large Round Bulkhead - IP43 c/w optional microwave motion sensor

## Product Description

- Wall mount / ceiling mount installation
- Opal polycarbonate diffuser.
- Rubber gasket
- Compatible with most emergency power pack
- High quality SMD LED chips and CE compliant drivers
- CE, LVD, EMC compliant
- IP43 protection

## Standards

- BSEN 55015 : 2013
- BSEN 60529 : 1991+A2 : 2013
- BSEN 60598-2-1 : 1989
- BSEN 60598-1 : 2008+A11 : 2009
- BSEN 61547 : 2009
- BSEN 61000-3-2 : 2006+A1 : 2009+A2 : 2009
- BSEN 61000-3-3 : 2013
- IEC 62321 : 2008
- RoHS Compliant
- IP43
- F.S.D PPA/104(A) (4th Revision)

## Applications

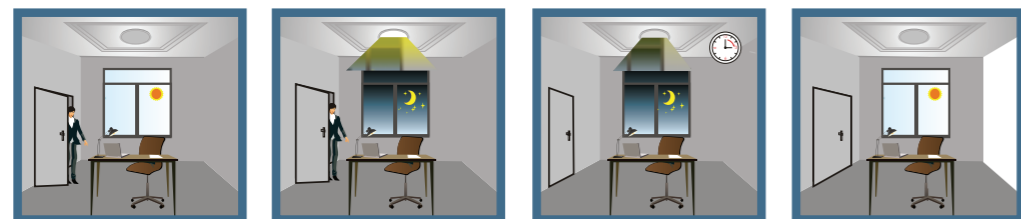
- Carpark, Hotels, Restaurants, Schools, Dormitory, Supermarkets, Shopping Malls, Commercial buildings, Staircase and hallways.

## BSI Kitemarked Emergency Power Kit Standards

- EN 61347-1: 2008
- EN 61347-2-7: 2006
- EN 61347-2-13: 2006
- EN 61558-1: 2005+A1:2009
- EN 61558-2-4: 2005



## Dimming function (optically controlled shutoff function)



With sufficient ambient light (5lux / 15lux / 50lux / disable), the sensor does not switch on the lamp.

With insufficient ambient light, the sensor switches on the lamp when motion is detected.

After hold time, the sensor dims the lamp at a low light level if no new motion trigger.

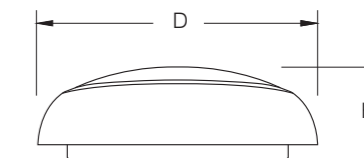
With sufficient ambient light, the sensor shuts off the lamp when no motion is detected.

## 2 hours backup Emergency bulkhead Specification (2小時放電全光款)

Model (without sensor)	BHAD-3503/LED/10W/B	BHAD-3503/LED/15W/B	BHAD-3503/LED/20W/B
Model (with sensor)	BHAD-3503S/LED/10W/B	BHAD-3503S/LED/15W/B	BHAD-3503S/LED/20W/B
Input Voltage (without sensor) :	90-260Vac 50/60Hz	90-260Vac 50/60Hz	90-260Vac 50/60Hz
Input Voltage (with sensor) :	180-265Vac 50/60Hz	180-265Vac 50/60Hz	180-265Vac 50/60Hz
Power :	10W	15W	20W
Lumen Output (4000K) :	1000 lm	1500 lm	2000 lm
With motion sensor :	Available	Available	Available
Color Temperature :	3000K, 4000K, 6000K	3000K, 4000K, 6000K	3000K, 4000K, 6000K
CRI :	≥80Ra	≥80Ra	≥80Ra
Battery backup duration :	2 hours with 100% output available	2 hours with 100% output available	2 hours with 100% output available
LED life time :	50,000 hours	50,000 hours	50,000 hours
Prodcy dimension :	D325 x H100mm	D325 x H100mm	D325 x H100mm
IP Rating :	IP43	IP43	IP43

Remark : Model number ended with a "B" denotes a product with emergency power pack fitted.

## Product dimension



## 3 hours backup Emergency bulkhead Specification (2小時放電)

Model (without sensor)	BHAD-3503/LED/10W/B-50	BHAD-3503/LED/15W/B-50	BHAD-3503/LED/20W/B-50
Model (with sensor)	BHAD-3503S/LED/10W/B-50	BHAD-3503S/LED/15W/B-50	BHAD-3503S/LED/20W/B-50
Input Voltage (without sensor) :	90-260Vac 50/60Hz	90-260Vac 50/60Hz	90-260Vac 50/60Hz
Input Voltage (with sensor) :	180-265Vac 50/60Hz	180-265Vac 50/60Hz	180-265Vac 50/60Hz
Power :	10W	15W	20W
Lumen Output (4000K) :	1000 lm	1500 lm	2000 lm
With motion sensor :	Available	Available	Available
Color Temperature :	3000K, 4000K, 6000K	3000K, 4000K, 6000K	3000K, 4000K, 6000K
CRI :	≥80Ra	≥80Ra	≥80Ra
Battery backup duration :	2 hours with 50% output available	2 hours with 50% output available	2 hours with 50% output available
LED life time :	50,000 hours	50,000 hours	50,000 hours
Prodcy dimension :	D325 x H100mm	D325 x H100mm	D325 x H100mm
IP Rating :	IP43	IP43	IP43

Remark : Model number ended with a "B" denotes a product with emergency power pack fitted.

## 3 hours backup Emergency bulkhead Specification(3小時放電)

Model (without sensor)	BHAD-3503/LED/10W/B-30	BHAD-3503/LED/15W/B-30	BHAD-3503/LED/20W/B-30
Model (with sensor)	BHAD-3503S/LED/10W/B-30	BHAD-3503S/LED/15W/B-30	BHAD-3503S/LED/20W/B-30
Input Voltage (without sensor) :	90-260Vac 50/60Hz	90-260Vac 50/60Hz	90-260Vac 50/60Hz
Input Voltage (with sensor) :	180-265Vac 50/60Hz	180-265Vac 50/60Hz	180-265Vac 50/60Hz
Power :	10W	15W	20W
Lumen Output (4000K) :	1000 lm	1500 lm	2000 lm
With motion sensor :	Available	Available	Available
Color Temperature :	3000K, 4000K, 6000K	3000K, 4000K, 6000K	3000K, 4000K, 6000K
CRI :	≥80Ra	≥80Ra	≥80Ra
Battery backup duration :	3 hours with 50% output available	3 hours with 50% output available	3 hours with 30% output available
LED life time :	50,000 hours	50,000 hours	50,000 hours
Prodcy dimension :	D325 x H100mm	D325 x H100mm	D325 x H100mm
IP Rating :	IP43	IP43	IP43

Remark : Model number ended with a "B" denotes a product with emergency power pack fitted.