



# Emergency - (100% & 50% & 30%) Round LED Bulkhead - IP43 Ceiling or wall mount type c/w optional microwave motion sensor

### Product Description

- Surface mount / ceiling mount
- Steel sheet & Aluminum Body with Polystyrene diffuser
- High quality SMD LED chips and CE compliant drivers
- CE, LVD, EMC compliant
- High CRI ≥80
- High brightness output
- CE approved LED Driver
- IP43

### Applications

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

### 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)

### Dimming function (optically controlled shutoff function)



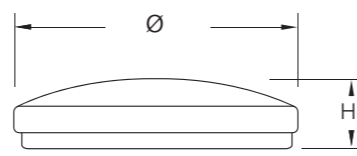
With sufficient ambient light (5lux / 15lux / 50lux / disable), the sensor does not switch on the lamp.

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.

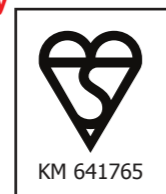
With sufficient ambient light, the sensor shutt off the lamp when no motion is detected.

### Product Dimension



### 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



### Microwave Motion Sensor Specification

- Operating voltage : 180-265Vac 50/60Hz
- Detection zone : Max. (D x H) : 5m x 8m
- Hold time : 10s / 90s / 3min / 10min
- Stand-by dimming level : 20%

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

Model (without sensor)	BHPA-2501/LED/10W/B-50	BHPA-2501/LED/15W/B-50	BHPA-2501/LED/20W/B-50
Model (with sensor)	BHPA-2501S/LED/10W/B-50	BHPA-2501S/LED/15W/B-50	BHPA-2501S/LED/20W/B-50
Input Voltage (without sensor) :	220-240Vac 50/60Hz	220-240Vac 50/60Hz	220-240Vac 50/60Hz
Input Voltage (with sensor) :	220-240Vac 50/60Hz	220-240Vac 50/60Hz	220-240Vac 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 :	≥82Ra	≥82Ra	≥82Ra
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
Product dimension :	Ø350 x H90mm	Ø350 x H90mm	Ø 350 x H90mm
IP Rating :	IP43	IP43	IP43

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

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

Model (without sensor)	BHPA-2501/LED/10W/B	BHPA-2501/LED/15W/B	BHPA-2501/LED/20W/B
Model (with sensor)	BHPA-2501S/LED/10W/B	BHPA-2501S/LED/15W/B	BHPA-2501S/LED/20W/B
Input Voltage (without sensor) :	220-240Vac 50/60Hz	220-240Vac 50/60Hz	220-240Vac 50/60Hz
Input Voltage (with sensor) :	220-240Vac 50/60Hz	220-240Vac 50/60Hz	220-240Vac 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 :	≥82Ra	≥82Ra	≥82Ra
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
Product dimension :	Ø350 x H90mm	Ø350 x H90mm	Ø 350 x H90mm
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)	BHPA-2501/LED/10W/B-30	BHPA-2501/LED/15W/B-30	BHPA-2501/LED/20W/B-30
Model (with sensor)	BHPA-2501S/LED/10W/B-30	BHPA-2501S/LED/15W/B-30	BHPA-2501S/LED/20W/B-30
Input Voltage (without sensor) :	220-240Vac 50/60Hz	220-240Vac 50/60Hz	220-240Vac 50/60Hz
Input Voltage (with sensor) :	220-240Vac 50/60Hz	220-240Vac 50/60Hz	220-240Vac 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 :	≥82Ra	≥82Ra	≥82Ra
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
Product dimension :	Ø350 x H90mm	Ø350 x H90mm	Ø 350 x H90mm
IP Rating :	IP43	IP43	IP43

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