

Bead



The Bead is a surface/suspended IP54 circular wall & ceiling light with a depth of only 58mm. The body and diffuser are constructed from polycarbonate achieving an impact rating of IK07. The bezel of the product also has a fixingless appearance due to the sub-assembly construction. The wrap around diffuser gives a better spread light as opposed to a traditional bulkhead making it ideal for corridors, stairwells and amenity areas.

Product

Bead Ø360mm (1726lm)	BED-36/1726
Bead Ø360mm (3147lm)	BED-36/3147

Colour Temperature

3000K	/3K
4000K	/4K
6500K	/6K

Standard Colours*

White	RAL9016
*Other colours available upon special request	

Mounting

Surface mounted as default	
Suspended - 2.0m suspension kit complete with ceiling rose	-S
Suspended - 1.0m rod kit complete with ceiling rose	-SR

Dimming

Fixed output as default	
DALI dimming	-DA
Switch dim/Touch dim	-SD
Mains dimming	-MD
Casambi dimming	-CA

Sensor

Microwave Sensor	-S1
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Emergency

No emergency facility as default	
3 hour internal pack	-E1
3 hour internal pack with self-test function	-E2
3 hour integral pack with DALI reporting function	-E3

Lighting Data

Lumen Output	Wattage	lm/cW
1726lm (Ø360mm 4000K)	14.5W	119.0
3147lm (Ø360mm 4000K)	29.4W	107.0

CCT	3000K 4000K 6500K
Light Source	SMD
SDCM	3
Longevity (L70/B10)	50,000 Hours
Colour Rendering	RA>80
UGR	<22

Technical Data

IP Rating	IP54
Construction	Polycarbonate
RAL colour (standard)	White 9016
Mounting Method	Surface Suspended
Protective class	II
Impact Resistance (IK)	IK07
Warranty	5 Years
Certification	UKCA, CE, ROHS

Electrical Data

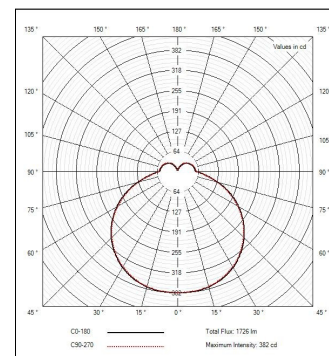
Rated Supply Voltage	220–240 V
AC Voltage Range	198–264 V
Mains Frequency	50/60 Hz
Output LF Current Ripple @ 120Hz	<5%
Overvoltage Protection	320 V
In-rush Current	2.5 A
THD	<10%
Power Factor	0.95
Parasitic Load	0.9
Operating Temperature	-25 +40 °C

Emergency Data

EOF	Lumen Output
19%	333
9%	300

Emergency Duration	3 Hours
Recharge Period	24 Hours
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Battery Pack	3 x 3.2V 1.5Ah
Parasitic Load	1.2W
Operating Temperature	0–60 °C
Power Efficiency	95%
Certification	UKCA, CE, ROHS

Standard Photometry



Dimensions

Dimensions	Ø290 x 58mm Ø360 x 58mm Ø460 x 58mm
Weight	0.55 kg 0.76 kg 1.03 kg

