

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 Ø290mm (1136lm)	BED-29/1136
Bead Ø290mm (2029lm)	BED-29/2029
Bead Ø360mm (1726lm)	BED-36/1726
Bead Ø360mm (3147lm)	BED-36/3147
Bead Ø460mm (4992lm)	BED-46/4992

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
1136lm (Ø290mm 4000K)	9.9W	114.7
2029lm (Ø290mm 4000K)	19.7W	103.0
1726lm (Ø360mm 4000K)	14.5W	119.0
3147lm (Ø360mm 4000K)	29.4W	107.0
4992lm (Ø460mm 4000K)	41.4W	120.6

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

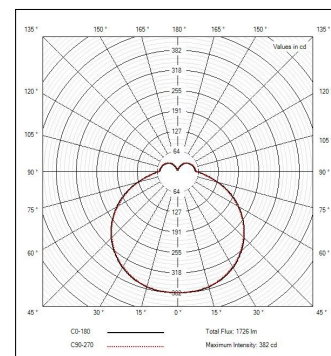
Rated Supply Voltage	220—240 V
AC Voltage Range	198—264 V
Mains Frequency	50/60 Hz
Output LF Current Ripple @ 120Hz	<5%
Overvoltage Protection	320 V
In-rush Current	2.5 A
THD	<10%
Power Factor	0.95
Parasitic Load	0.9
Operating Temperature	-25 +40 °C

Emergency Data

EOF	Lumen Output
28%	321
14%	288
19%	333
9%	300
7%	338

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

