

Leon



The Leon is a singular adjustable gimbal spotlight. It tackles glare by using a light source set back from the bezel in combination with a black barrel reflector. This also ensures there is no unwanted light spill.

This luminaire is construction from two die-cast-parts - the heastsink and bezel. These companies are held together at the point of articulation for ease of maintenance.

Product

Leon	LEO/
------	------

Lumen Output

1625lm	/1625
2167lm	/2167

Colour Temperature

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

Beam Angle

36° Beam	/36
60° Beam	/60

Standard Colours*

White	RAL9016
White	RAL9010
Black	RAL9005
*Other colours available upon special request	

Mounting

Recessed mounted as default	
-----------------------------	--

Dimming

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

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
1625m	15.3W	106.2
2167lm	20.4W	106.2

CCT	3000K 4000K 6500K
Light Source	COB
SDCM	3
Longevity (L70/B10)	60,000 Hours
Colour Rendering	RA>82
UGR	<19

Technical Data

IP Rating	IP44
Construction	Diecast Aluminium
RAL colour (standard)	9016 9010 9005
Mounting Method	Recessed
Protective class	SELV
Impact Resistance (IK)	IK07
Warranty	5 Years
Certification	CE, ROHS

Electrical Data

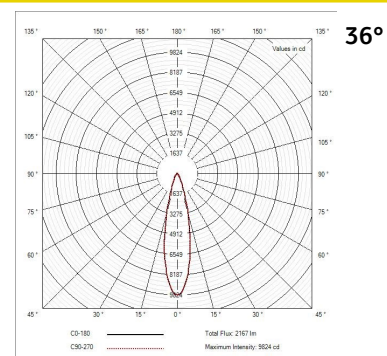
Rated Supply Voltage	220–240 V
AC Voltage Range	198–264 V
Mains Frequency	50/60 Hz
Output LF Current Ripple @ 120Hz	<1%
Overvoltage Protection	320 V
In-rush Current	12 A
THD	<10%
Power Factor	0.95
Parasitic Load	0.9 W
Operating Temperature	-25 +60 °C

Emergency Data

BLF	Lumen Output
18%	297lm
14%	297lm

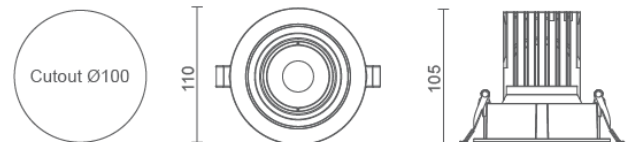
Emergency Duration	3 Hours
Recharge Period	24 Hours
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Battery Pack	3 x 3.2V 1.5Ah
Parasitic Load	1.2W
Operating Temperature	0–60 °C
Power Efficiency	95%
Certification	CE, ROHS

Standard Photometry



Dimensions

Cutout	Ø100mm
Dimensions	Ø110 x 105mm
Weight	2.0kg



Tel: 01489 878 406 Email: Info@bumblebee-lighting.co.uk Web: bumblebee-lighting.co.uk

Bumblebee, Unit 16 Business Park, Park Lane, Upper Swanmore, Southampton, SO32 2QQ Company No: 10464972 VAT No: 254 3859 81

BumbleBee

