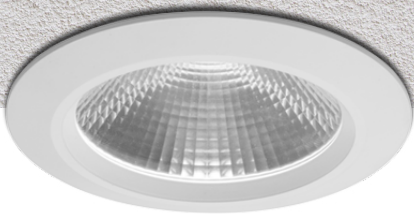


# Mantis Datasheet



## Performance

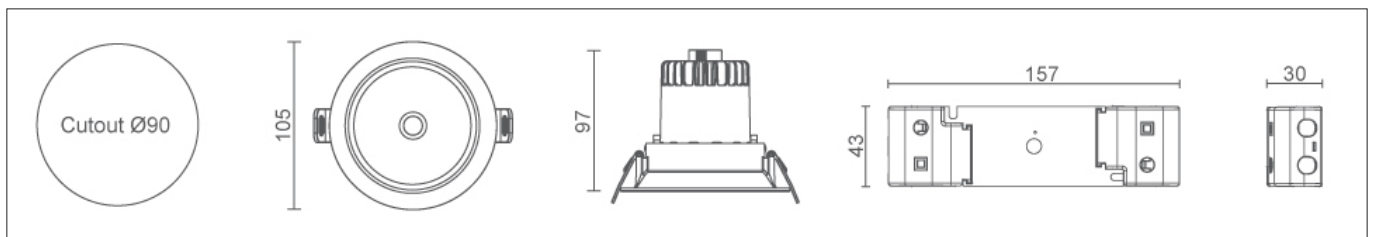
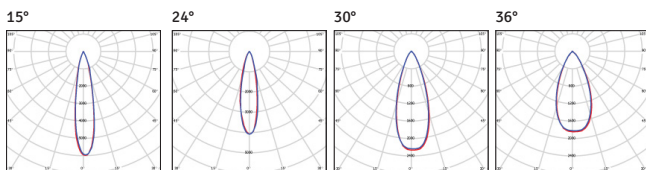
Lumen Output	Wattage	lm/cW
1180lm	12.1W	97.5 lm/cW
1434lm	14.9W	96.2 lm/cW
1861lm	19.5W	95.4 lm/cW

Rated Supply Voltage	220 – 240 V
AC Voltage Range	198 – 264 V
Mains Frequency	50/60 Hz
Output LF current ripple @ 120Hz (Flicker)	<5%
Overvoltage Protection	320 V
In-rush Current	14 A
THD	<10%
Dimming Range	15 – 100%
Operating Temperature	-25..+60 °C
Colour Rendering	Ra>82
IP Rating	IP54
Cutout	Ø90mm
Dimensions	Ø105 x 97mm
Weight	1.7kg
Warranty	5 Years
Certification	CE, ROHS

## Emergency

Standard Lumen Output	BLF	Emergency Lumen Output
1180lm	18%	212 lm
1434lm	17%	244 lm
1861lm	13%	242 lm

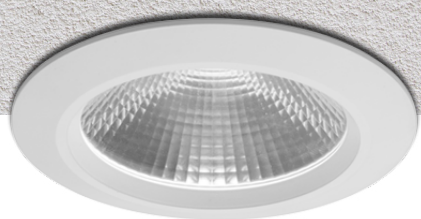
Emergency Duration	3 Hours
Recharge Period	24 Hours
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Battery Pack	3 x 3.2V 1.5Ah
Parasitic Load	1.2W
Operating Temperature	0 – 60°C
Power Efficiency	95%
Certification	CE, ROHS



**BumbleBee**

Tel: 01489 878 406 Email: [info@bumblebee-lighting.co.uk](mailto:info@bumblebee-lighting.co.uk) Web: [bumblebee-lighting.co.uk](http://bumblebee-lighting.co.uk)  
 BumbleBee, Unit 11, Lycroft Business Park, Park Lane, Upper Swanmore, Southampton, SO32 2QQ

# Mantis Datasheet



## Order Codes

Mantis		<b>MAN</b>
Lumen Output	1180lm	-1180
	1430lm	-1430
	1860lm	-1860
Colour Temperature	3000K	-3K
	4000K	-4K
	5000K	-5K
Beam Angle	15° Beam	-15
	24° Beam	-24
	30° Beam	-30
	36° Beam	-36
	60° Beam	-60

## Extras

Type	Options	Code
Dimming	1-10V Dimming	+110V
	DALI Dimming	+DALI
Emergency	3 Hour Facility	+EM
	3 Hour Self Test	+EMST
	3 Hour Central Test	+EMCT

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