Falcon

The Falcon is a Ø330mm IP65 rated Highbay which can be supplied in surface or suspended formats. The cast aluminium body acts as a large thermal heatsink for the LED engine giving the luminaire a industrial finish.

Due to its polycarbonate & aluminium moulded construction the Falcon also has an IK10 impact rating making it reliable in environments where damage might occur. The fitting is also available with 3 hour emergency packs and sensor options.

Product

Falcon	FAL

Lumen Output

28,500lm	/28500
38,000lm	/38000

Colour Temperature

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

Beam Angle

60° Beam	/60
90° Beam	/90
110° Beam	/110

Mounting

Surface mounted with bracket as default	
Suspended - 2.0m suspension kit complete with ceiling rose	-S

Dimming

Fixed output as default	
DALI dimming	-DA
1-10V Dimming	-110V

Sensor

Microwave Sensor	-MS

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

Tel: 01489 878 406   Email: Info@bumblebee-lighting.co.uk   Web: bumblebee-lighting.co.uk   ISO 9001(UKAS)   ISO 14001(UKAS)

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

BumbleBee   LIAQA ASSURED COMPANY   lumicom MEMBER

Lighting Data

Lumen Output	Wattage	ll/cW
28,487lm	153.5W	185.6
37,982m	203.9W	186.3

CCT	3000K
	4000K
	6500K
Light Source	SMD
SDCM	3
Longevity (L70/B10)	109,000 Hours
Colour Rendering	RA>82
UGR	<19

Technical Data

IP Rating	IP65
Construction	Diecast Aluminium
RAL colour (standard)	9005
Mounting Method	Surface
	2m Suspension
Protective class	1
Impact Resistance (IK)	IK10
Warranty	5 Years
Certification	UKCA, CE, ROHS

Electrical Data

Rated Supply Voltage	220—240 V
AC Voltage Range	90—305 V
Mains Frequency	47/63 Hz
Output LF Current Ripple @ 120Hz	<1%
Overvoltage Protection	>108%
In-rush Current	65 A
THD	<20%
Power Factor	0.95
Parasitic Load	7.9W
Operating Temperature	-40 +85 °C

Emergency Data

EOF	Lumen Output
1.5%	427
1.0%	379

Emergency Duration	3 Hours
Recharge Period	24 Hours
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Battery Pack	6.4V 6.0Ah
Parasitic Load	1.5W
Operating Temperature	0—60 °C
Power Efficiency	95%
Certification	UKCA, CE, ROHS

Standard Photometry

60°

90°

110°
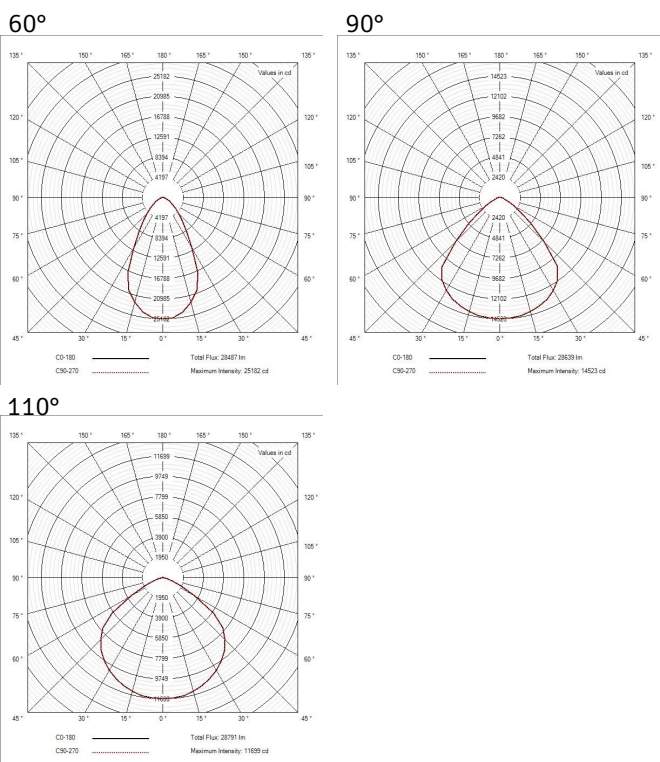
Dimensions

Dimensions	Ø330 x 165mm
Weight	4.2 kg

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