

Rhino



The Rhino is an industrial lighting system to suit warehouse and retail applications. The product comprises of a powder coated steel trunking body with a polycarbonate optical chamber. The luminaire has a maximum output of 13,900lm whilst achieving an efficacy of 190lm/W.

The luminaire can be used surface or suspended with a variety of beam angle options to achieve maximum utilization.

Product

Rhino	RHO/
-------	------

Lumen Output

6810lm	/6810
9560lm	/9560
13900lm	/13900

Colour Temperature

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

Beam Angle

30°	/30
60°	/60
90°	/90
120°	/120
Diffused	/DF
Asymmetric	/AS
Double Asymmetric	/DAS

Standard Colours*

White	RAL9016
Black	RAL9017
*Other colours available upon special request	

Mounting

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

Dimming

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

Sensor

Sensor (Daylight & detection)	-S1
Sensor Dim (Daylight & detection)	-S2

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
6810lm (4000K)	35.4W	192.4
9560lm (4000K)	49.1W	194.7
13900lm (4000K)	70.8W	196.3

CCT	3000K 4000K 6500K
Light Source	SMD
SDCM	3
Longevity (L70/B10)	60,000 Hours
Colour Rendering	RA>82
UGR	<22

Technical Data

IP Rating	IP20
Construction	Polycarbonate Lens Steel Body
RAL colour (standard)	9016 (White) 9017 (Black)
Mounting Method	Surface 2m Suspension
Protective class	I
Impact Resistance (IK)	IK08
Warranty	5 Years
Certification	UKCA, CE, ROHS

Electrical Data

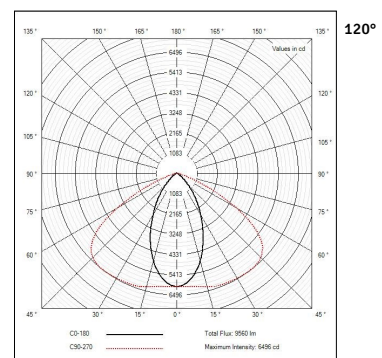
Rated Supply Voltage	220–240 V
AC Voltage Range	198–264 V
Mains Frequency	50/60 Hz
Output LF Current Ripple @ 120Hz	<5%
Overvoltage Protection	320 V
In-rush Current	2.5 A
THD	<10%
Power Factor	0.95
Parasitic Load	0.9W
Operating Temperature	-25 +60 °C

Emergency Data

BLF	Lumen Output
8%	537
6%	543
4%	549

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	70 x 76 x 1500mm
Weight	4.1 kg



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

