

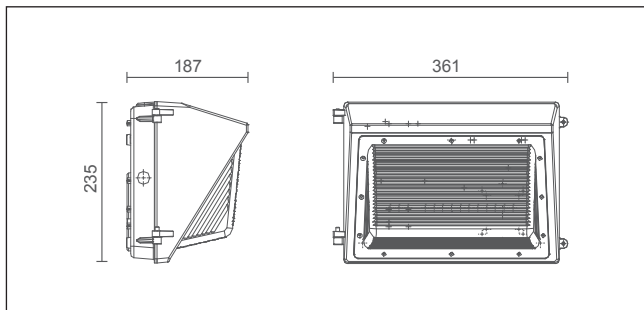
# Rhene Datasheet



## Performance

Lumen Output	Wattage	lm/cW
5,282 lm	48.4 W	109.1 lm/cW
6,598 lm	60.2 W	109.6 lm/cW
8,801 lm	80.4 W	109.5 lm/cW
11,002 lm	99.8 W	110.2 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)	<10%
Overvoltage Protection	320 V
In-rush Current	2 A
THD	<10%
Dimming Range	15 - 100%
Operating Temperature	-25. ±60 °C
Colour Rendering	Ra>82
IP Rating	IP65
IK Rating	IK08
Fixing Centres (see diagram)	361 x 235 x 187mm
Weight	2.1kg
Warranty	5 Years
Certification	CE, ROHS



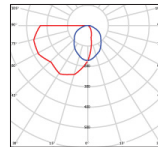
## Emergency

Standard Lumen Output	BLF	Emergency Lumen Output
5,282 lm	8%	423 lm
6,598 lm	6%	396 lm
8,801 lm	N/A	N/A
11,002 lm	N/A	N/A

Emergency Duration	3 Hours
Recharge Period	24 Hours
Battery Type	Li-ion (Lithium Iron Phosphate)
Battery Pack	1 x 3.7V 2.2Ah
Parasitic Load	1.5W
Operating Temperature	0 – 60°C
Power Efficiency	95%
Certification	CE, ROHS

## Sensor

Sensor Type	Microwave
Mounting	Integrated
Max Detection Range	8.0m
Detection Response	<1 sec.



**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