

400004 Emergency & Sensor ORION LED Bulkhead Dual Wattage CCT



FEATURES

- 3-CCT: Switch between 3000K/4000K/6500K
- Dual Wattage – Switch between 12w and 16w
- 5 Year warranty
- IP65 rated
- Slimline Design
- Hinged gear tray for easy install
- Microwave sensor and corridor function as standard
- 3-hours Emergency lighting as standard



IP65



3CCT



Dual
Wattage



Orion is our wattage & colour switchable 3-CCT 12 & 16W LED bulkhead fitting. Featuring a built-in emergency inverter and battery pack, it provides up to 3 hours of backup lighting during power outages. The Microwave Motion Sensor with corridor function enhances efficiency.

AVAILABLE OPTIONS



Emergency



Sensor

Code	Description	Wattage	Colour	Lumens
400004	Orion Bulkhead-Dual Wattage 12/16w-Microwave Sensor with Corridor Function & 3hr Emergency	12/16W	3000/4000/6500K	1200/1600lm
100016	Orion Bulkhead POLO Bezel Black	N/A	N/A	N/A
100017	Orion Bulkhead POLO Bezel Chrome	N/A	N/A	N/A

TECHNICAL SPECIFICATION

LED Type(EM)/Qty	SMD2835/182 + SMD5732/4
Lumen Efficacy	100lm/w
Colour Temperature	3000K/4000K/6500K
Luminous Flux	1200lm/1600lm
Colour index	Ra>80
Dimming Options Available	DALI / MAINS
Input Voltage	220-240Vac, 50/60Hz
Driver output Current (max)	660mA
Driver output Voltage	DC17-24V
Brand of Microwave Sensor	HISEN
Battery specification	LiFePo4, 3.2V, 1500mAh
Emergency power	2W
Emergency Lumen	140lm
Charging time	24h
IP Rating	IP65

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TECHNICAL SPECIFICATION

Operating Temperature	0°~40°C
Lumen Maintenance	L70/B50 @ 50,000hrs
Switching Cycles	>25,000
Power Factor	>0.9
Warranty	5-Years (except Battery 2-years)
Beam Angle	105°
Thermal Cutout	No
Primary Running Current	0.2A
Energy Rating Range	This product contains a light source of energy class E
Overall Dimensions	320mm
Height (mm)	82.5mm
Product Weight (Kg)	0.85kg
Class	Class II
IK Rating	IK08
Origin of Manufacturer	China
Driver Manufacturer	Performance Lighting
EMC Compliant (EN55015)	Yes
Construction	Twist & Lock
Driver Housing	Plastic
Standard & Approvals	CE, UKCA
Manufactured in Accordance To	BS EN 60598-2-1
CE Marked	Yes
UKCA Marked	Yes
Load Voltage (DC) On Em Module	DC 4-8V
Minimum Battery Run Time	3 hours
Lux Settings	2lux / 10lux / 50lux / Disable
Method of fix	Back screw fix or BESA plate mounting
Replaceable (LED only)light source by a professional	Yes
Replaceable control gear by a professional	Yes



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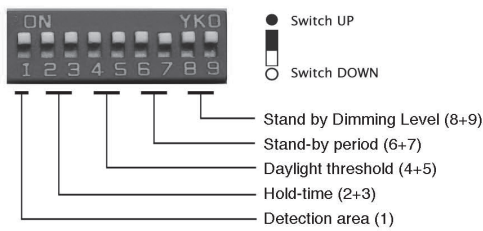
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5.8GHz Microwave Motion Sensor with dimmable function



SENSOR TECHNICAL SPECIFICATION

Operating voltage	10-15 VDC
Output	PWM
Stand-by power	≤0.5 W
Detection area	50%/100%
Hold time	5s / 30s / 1 min / 10 min
Daylight threshold	2Lux / 10Lux/ 50Lux/ Disable
Stand-by period	0s /30s /20min / +∞
Stand-by dimming level	10%/20%/30%/50%
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.3mW
Motion detection	0.5-1.5m/s
Warranty	5 years



Factory settings:
 Detection area: 100%
 Hold time: 5s
 Daylight threshold: Disabled
 Standby period: 30s
 Stand-by dimming level: 10%

100%
50%

Detection Area (1) - The sensor can be set at 100% or 50% of the detection sensitivity. Please see detection area diagram

5s
30s
1min
10min

Hold Time (2+3) - The period of time that the luminaire remains on at 1--% brightness, after the last detection of moving object, can be set at 5s, 30s, 1min or 10min

Disable
50lux
10lux
2lux

Daylight Threshold (4+5) - The daylight threshold can be set at 50lux, 10lux, or 2lux. For example, if set at 10lux, the sensor will not operate the luminaire until ambient light levels fall below 10lux. If set at disable the sensor will operate the luminaire regardless of the ambient light level

0s
30s
20min
.+∞

Standby Period (6+7) - The period of time that the luminaire will remain on at the standby dimming level can be set at 0s, 30s 20min, if set at +∞ the luminaire will remain on permanently, at the standby dimming level, until the next activation

10%
20%
30%
50%

Standby dimming level (8+9) - The standby dimming level can be set at 10%, 20%, 30% or 50% of the luminaire light output

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