

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
- Easy to install
- Microwave sensor and corridor function as standard
- 3-hours Emergency lighting as standard



IP65



3CCT



Dual
Wattage



AVAILABLE OPTIONS



Emergency



Sensor

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 by activating lights sequentially when movement is detected, minimizing energy use in standby mode.

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/Qty	SMD2835/182 + SMD5732/4
Lumen Efficacy	100lm/w
Colour Temperature	3000K/4000K/6500K selectable
Luminous Flux	1200lm/1600lm
Colour index	Ra>80
Dimming Options Available	Dali Dimmable
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

0113 426 8300

sales@performance-lighting.co.uk

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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 2
IK Rating	IK08
Origin of Manufacturer	China
Driver Manufacturer	Performance Lighting
EMC Compliant (EN55015)	Yes
Construction	Twist & Lock
Primary Material	Plastic
Inner Diffusor	N/A
Driver Housing	Plastic
Standard & Approvals	CE, UKCA
Manufactured in Accordance To	BS EN 60598-2-1
CE Marked	Yes
UKCA Marked	Yes
Input Electrical Connections	N / E / SL / PL
Load Voltage (DC) On Em Module	DC 4-8V
Minimum Battery Run Time	3 hours
Recharge Time	24 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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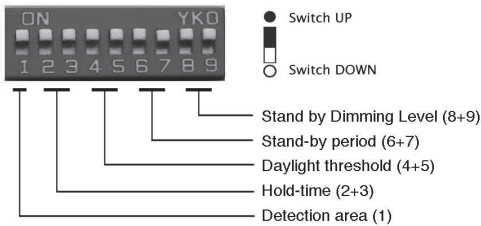


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(Not recommended for external use)

5.8GHz Microwave Motion Sensor with dimmable function



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

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	0%/20%/30%/50%
Microwave frequency	5.8GHz±75MHz
Microwave power	<0.3mW
Mounting height	2.5-4m/8.2-13.12ft (ceiling mounted)
Detection range	4-10m/13.12-32.8ft (ceiling mounted)
Motion detection	0.5-1 .Sm/s
Warranty	5 years

<input checked="" type="radio"/>	<input checked="" type="radio"/>	100%
<input type="radio"/>	<input type="radio"/>	50%

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

<input checked="" type="radio"/>	<input checked="" type="radio"/>	5s
<input type="radio"/>	<input type="radio"/>	30s
<input type="radio"/>	<input type="radio"/>	1min
<input type="radio"/>	<input type="radio"/>	10min

Hold Time (2+3) - The period of time that the luminaire remains on at 100% brightness, after the last detection of moving object, can be set at 5s, 30s, 1min or 10 min.

<input checked="" type="radio"/>	<input checked="" type="radio"/>	Disable
<input type="radio"/>	<input type="radio"/>	50lux
<input type="radio"/>	<input type="radio"/>	10lux
<input type="radio"/>	<input type="radio"/>	2lux

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

<input checked="" type="radio"/>	<input checked="" type="radio"/>	0s
<input type="radio"/>	<input type="radio"/>	30s
<input type="radio"/>	<input type="radio"/>	20min
<input type="radio"/>	<input type="radio"/>	+∞

Stand-By Period (6+7) - The period of time that the luminaire will remain on at the stand by dimming level can be set at 0s, 30s, 20 mins, if set at +∞ the luminaire will remain on permanently, at the stand by dimming level, until the next activation.

<input checked="" type="radio"/>	<input checked="" type="radio"/>	10%
<input type="radio"/>	<input type="radio"/>	20%
<input type="radio"/>	<input type="radio"/>	30%
<input type="radio"/>	<input type="radio"/>	50%

Stand-By dimming level (8+9) - The stand-by dimming level can be set at 10%, 20%, 30% or 50% of the Luminaire light output.

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