

## ORWELL HIGH BAY 5000K 150W MICROWAVE SENSOR

NET-23-12-54



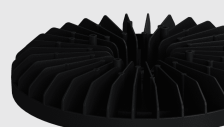
### External Microwave Sensor with 0 or 25% Standby Modes

Save energy costs with a fitting that only lights up the warehouse when movement is detected



### Aluminium die-cast heat sink

Prevents the driver and LEDs overheating and keeps the fitting cool



### Features & Benefits

- Microwave Dimming Sensor with 15m detection range (5-150lux)
- 0%, 10% or 25% Standby Mode
- Highly efficient heat sink
- Suspension ring for easy installation
- 1m flex
- Dimmable Driver as standard

### Key Data

Power	150W
Luminous Flux	25600lm
Colour Temperature	5000K
IP Rating	IP65
IK Rating	IK10
Dimensions	Ø280 x 166mm
Warranty	5 Years (Registration Required)

### Compatible Accessories

NET-46-16-06	Universal LED High Bay Suspension Kit
NET-42-43-22	Merrytek Remote Control for Sensors
NET-23-16-07	Orwell High Bay Mounting Bracket

### NET LED Lighting

Buckingham Business Park, 300 Anderson Road,  
Swavesey, Cambridge, CB24 4UQ

T: 01223 851505 | [sales@netled.co.uk](mailto:sales@netled.co.uk) | [www.netled.co.uk](http://www.netled.co.uk)

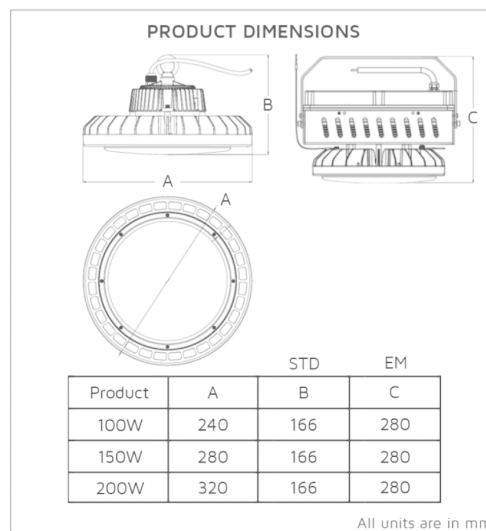


**ORDER BY 6PM**  
FOR NEXT DAY DELIVERY

## Technical Specifications

Input Voltage (AC)	200-240V
Power Factor	>0.95
Luminaire Efficacy	176lm/w
LED Manufacturer	MTC
LED Type	SMD 2835
No. of LEDs	432
Driver Manufacturer	Tomcarline
Driver Output Voltage (DC)	142V
Total Circuit Power (W)	150W +/- 15W
Electrical Class	1
Colour Rendering	>80 CRI
Lamp Viewing Angle	120°
Dimmable	No
Operating Temp.	-30°C to +45°C
Lifespan LM80	50,000 Hours
UGR Rating	Less than 30
Weight	2.4Kg
Manufacturer	FYTLED
Fire Rating	V2
Lux Levels	5-150lux
Max. Detection Distance	15m
Housing Colour	Black
Housing Material	Aluminium
Detection Angle	360°
Diffuser Material	Polycarbonate
Dimming Range	50%, 75% or 100%
Duration	10s - 30min
Sensor IP Rating	IP65
Standby Dimming Level	0% / 10% / 25%

## Other Options



Description	
NET-23-12-44	Orwell High Bay 5000K 150W Standard
NET-23-12-45	Orwell High Bay 5000K 150W Emergency
NET-23-12-54	Orwell High Bay 5000K 150W Microwave Sensor
NET-23-12-55	Orwell High Bay 5000K 150W Microwave Sensor Emergency
NET-23-12-50	Orwell High Bay 5000K 150W PIR Sensor (up to 6m)
NET-23-12-51	Orwell High Bay 5000K 150W PIR Sensor Emergency (up to 6m)

## NET LED Lighting

Buckingham Business Park, 300 Anderson Road,  
Swavesey, Cambridge, CB24 4UQ



**ORDER BY 6PM**  
FOR NEXT DAY DELIVERY

T: 01223 851505 | sales@netled.co.uk | www.netled.co.uk

**175**  
lm/W

**20W HIGH OUTPUT  
EMERGENCY OPERATION**

Ensures the fitting comes on in the event of a power failure

*Emergency options only*

**CENTRAL  
MOUNTED HOOK**

Suspend your High Bay or purchase an optional Mounting Bracket

**ALUMINIUM  
DIE-CAST  
HEAT SINK**

Prevent the driver and LEDs from overheating and keep your High Bay cool

**MICROWAVE SENSOR  
AND PIR SENSOR  
OPTIONS  
AVAILABLE**

Choose between a Microwave Sensor with a 0, 10 or 25% Standby Mode with 15m detection range, or a PIR Sensor with 6m detection range

**IP65 AND IK10  
RATED HOUSING**

Protect your High Bay from water, dust and impact with its durable and highly transparent PC cover

**120° LEDs WITH  
OPTIONAL 60°  
OR 90° LENS**

Provide a broad, even distribution of light with the optional lenses enabling a more narrow beam if required