



Primo IQ Integrated Occupancy Sensor

Intelligent lighting control ▪ Fully integrated into Primo Dimmable LED Highbays

Reduces operating costs where constant high light levels are not required
Standby light levels can be pre-set to suit selected areas
Auto dimming - full brightness > dim mode
Simple, quick installation of bracket and sensor

Reduces unnecessary operating costs

Unnecessary light creates unwanted operating costs. Auto-dimming of individual fittings in areas which may remain occupied for periods of time, is better for the bottom-line.

Primo LED highbays are auto-dimmable with integrated occupancy sensors

Microwave occupancy sensor dims each individual fitting automatically if no movement is detected for a predetermined period of time.

Complete control over each light in each area

Standby light levels can be maintained at low levels - 10%, 20%, 30% or 50% of full output, according to the needs of the business. Dimming is smooth and gradual for better OH&S.



Applications

Warehousing, distribution, manufacturing, packing halls, store rooms, passageways, workshops and other work spaces which may remain unoccupied from time to time.

FULL BRIGHTNESS

Brightens automatically when motion detected. Remains 100-% bright until end of pre-set hold-time (5 sec - 30 min)

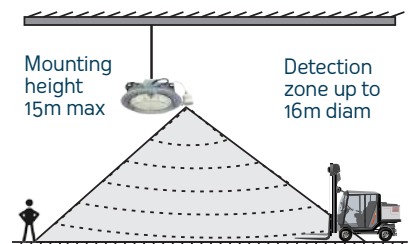


STAND-BY / DIM MODE

Operates at pre-set light level via dimmable driver (10 /20 /30 /50% output) until motion is detected again.

Motion sensor activated by motion & speed to 15m range

The microwave sensor has a range of up to 15m. Works through plastic, glass and thin non-metal materials. Operates regardless of background temperature, or dust, smoke or steam in the atmosphere. IP65 rated.





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SIMPLE, LIGHTNING FAST INSTALLATION

Primo IQ occupancy sensors can be fitted in just 2-3 minutes, using a separate bracket supplied.

Electrical connection is to the driver via 3 quick-connect cables inside a second terminal box built into all Primo highbays.



◀◀◀ **INSTALLING THE SENSOR**
Scan the QR code to view a short instructional video on attaching a Primo IQ sensor and bracket to the Primo lowbays and highbays.



Primo 12K
12000 lm ■ 80W
150 lm/W
Dimmable

Primo 17K
17000 lm ■ 115W
150 lm/W
Dimmable

Primo 21K
21000 lm ■ 125W
170 lm/W
Dimmable

Programmable via infrared remote control

A range of customisable settings can be programmed to enable users to balance their lighting requirements in each area, with their overall goal of maximising energy saving throughout their premises..



Programmable Settings

Hold Time	Duration light stays at 100% output after the last detection of occupancy.
Stand-by dim level	Percentage of light's output while in dim mode.
Daylight sensor	The fitting can be programmed to dim in the presence of natural light.

Individual settings available on hand-held remote

Hold Time	Stand-by dim level	Daylight sensor
5 sec	10%	5 lux
30 sec	20%	15 lux
1 min	30%	30 lux
3 min	50%	50 lux
20 min		100 lux
30 min		150 lux
		Disable



◀◀◀ **PRIMO IQ DEMONSTRATION VIDEO**
Scan the QR code to view a short video demonstrating how Primo IQ occupancy sensors cut costs by reducing light output by 90% when light is not needed.

primo^{IQ}



Technical parameters

Operating voltage	12 / 24V DC
Rated load	800W (inductive), 1200W (resistive)
HF system	5.8GHz±75MHz, ISM wave band
Power consumption	≤ 0.3W(standby), <1W(operation)
Transmitting power	<0.5mW
Detection zone max	16m D x 15m H
Motion detection	0.5-3m/s
Detection angle	150° (wall install), 360° (ceiling install)
IP rating	IP65
Operating temperature	-25 to +55°C
Hold time - full brightness	5s / 30s / 1min / 3min / 20min / 30min
Detection sensitivity	50% / 100%
Daylight sensor	50 lux / 100 lux / 200 lux / Disable
Stand-by dimming level	10% / 20% / 30% / 50%
Service life	50,000 hours
Order code	HMIQOS12K - bracket & sensor for Primo 12K lowbay HMIQOS1721K - bracket & sensor for Primo 17&21K HMREMOTE - infrared programming remote control