DATASHEET

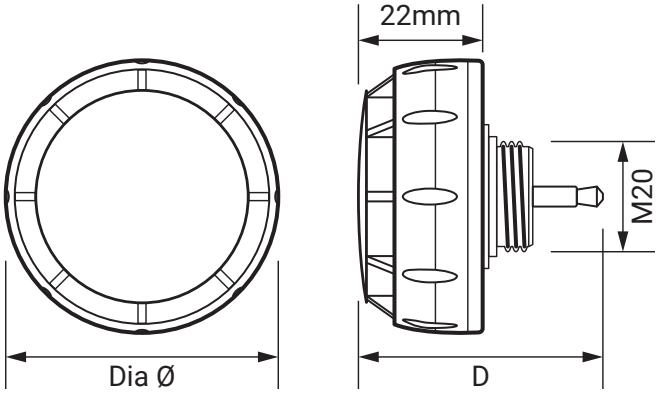
LED HIGHBAY
Microwave Sensor

Product Ref: **FHBSEN**

Technical Features:

- Low impedance planar antenna; High-gain
- Small compact design
- Mounting height up to 12m maximum
- Headphone Jack connector
- Adjustable sensor range
- Wide programmable options using the remote control FHBR (sold separately)
- Ultra-low RF power output





Product Specification

Colour	**White**
Compliance	**UKCA, CE**
Guarantee	**5 Years**
IP Rating	**IP65**
Input Voltage	**11-13VDC**
Output Voltage	**0 -10VDC dimming signal**
Mounting	**Direct to Highbay**
Maximum Mounting Height	**12m**
Sensor Mounting Height / Distance Between	**6m / 3.5m 9m / 4m 12m / 4m 15m / 5m**
Operating Temperature	**-20 - +40°C**
Sensor	**Microwave**
Suitable for	**LED Highbay's: FHBCCTSML, FHBCCTLRG and FHBCCTSML/E3**
Weight	**0.035kg**
Diameter Ø	**50mm**
Depth	**45mm**

Detection Area	**25% / 50% / 75% / 100%**
Stand-by Dimming Level	**10% / 20% / 30% / 50%**
Hold Time	**5s / 30s / 1min / 3min / 5min / 10min / 20min / 30min**
Stand-by Period	**0s / 10s / 1min / 3min / 5min / 10min / 30min / + ∞**
Daylight Sensor	**5lux / 15lux / 30lux / 50lux / 100lux / 150lux / Disable**
Installation height	**10m (12m Max)**
3db Beam Angle	**82°@XZ plane / 95°@YZ plane**
Detection range (radius)	**Ceiling installation 10m high: 0.3m/s ≥ 4m, 1m/s ≥ 3m;**
Working frequency	**5.8GHz ±75MHz, ISM band**

PRE-SET FACTORY SETTINGS

- The pre-set factory settings for the Microwave Sensor are:

DETECTION AREA	HOLD TIME	STAND-BY PERIOD	STAND-BY DIM LEVEL	DAYLIGHT SENSOR
100%	5 Seconds	0 Seconds	10%	Disable

Errors and omissions excepted (E&OE). All information is subject to change without notice and is correct at the time of print. Refer to issue number and date below.