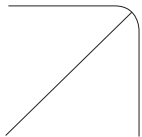# PIR: High bay Sensor

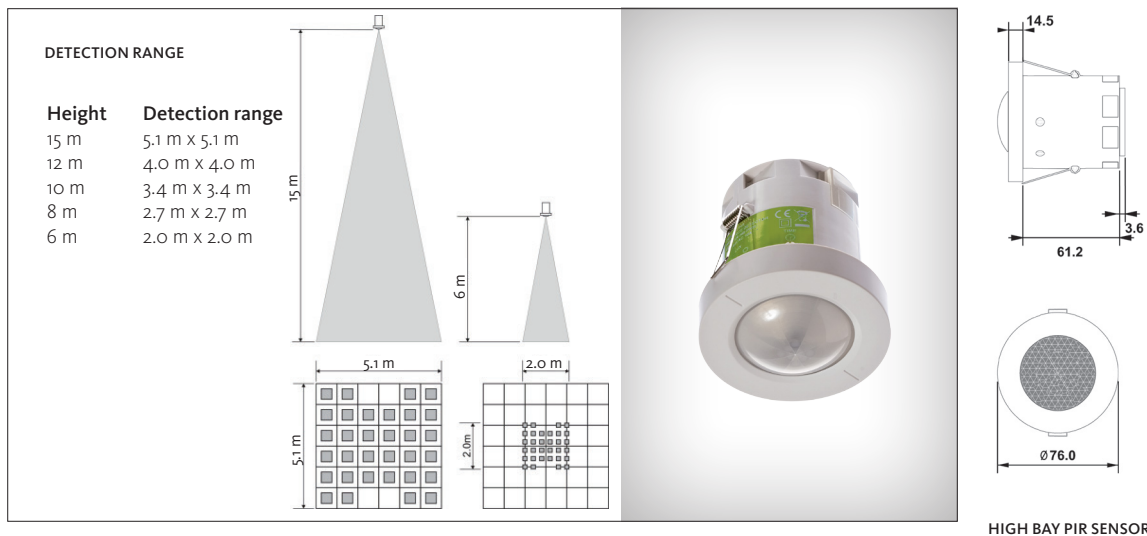The perfect sensor for areas with high ceilings

The High bay PIR sensor is designed for installation heights of up to 15 m. It has a special lens technology with focused detection range of 5.1 m x 5.1 m for shelf areas in warehouse and logistics applications. The sensor is easy to control from the ground with the programmable handset. Suitable for advanced detection, e.g. warehouse walkways. The dim versions include corridor function and automatic burn-in of fluorescent lamps in connection with new installations and lamp replacements.

- Detection range up to 5.1 x 5.1 m at ceiling height 15 m
- For high bay applications
- Available in on/off, 1-10V, DALI version
- Presence detection and daylight linking*
- Semi- and fully automatic function
- Stepless dimming level, delay time and detection
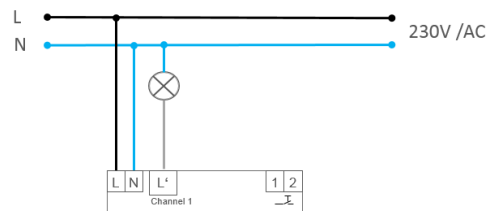- Easy installation by factory setting and remote control adjustment
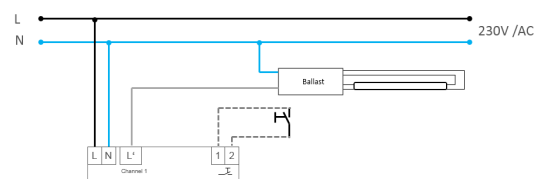
* up to 5 meters only

detection 360°
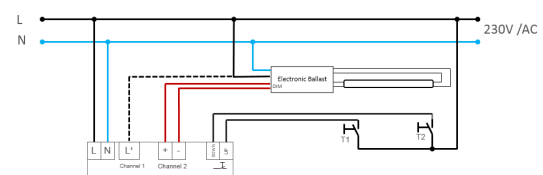X:5,1m Y:15m

64mm

230VAC +/-10%
50Hz

+35°C
–10°C

5-95%

IP40

CLASS II

ABS + PC/ABS

10A

ANSI IEEEC95.
1-1999

AURA LIGHT

DETECTION RANGE

Height	Detection range
15 m	5.1 m x 5.1 m
12 m	4.0 m x 4.0 m
10 m	3.4 m x 3.4 m
8 m	2.7 m x 2.7 m
6 m	2.0 m x 2.0 m

15 m

6 m

5.1 m

2.0 m

5.1 m

2.0 m

14.5

3.6

61.2

Ø76.0

HIGH BAY PIR SENSOR

PRODUCT	EBDSPIR-HB-PRM On/Off	EBDSPIR-HB-DD DALI/DSI	EBDSPIR-HB-AD 1-10V
ELECTRICAL DATA			
Sensor type	PIR	PIR	PIR
Article no,	760128	760126	760127
Voltage	230 V AC 50 Hz	230 V AC 50 Hz	230 V AC 50 Hz
Max. load	10 A	10 A	10 A
Max. no. of ballasts	20	20 if only channel 2 is used. (otherwise 10)	10
IP class	IP40	IP40	IP40
Power consumption passive	0.87 W	0.6 W	0.3 W
Power consumption active	0.89 W	0.8 W	0.7 W
Operation temperature	0°C - 35°C	0°C - 35°C	0°C - 35°C
FEATURES			
Detection range	5 m* 5 m / 15 m height	5 m* 5 m / 15 m height	5 m* 5 m / 15 m height
Channel 1 on/off (non-floating contact)	Yes	Yes	Yes
Channel 2 dim	-	DALI /DSI	1-10V
Push button input	Yes	Yes	Yes
Automatic mode	Yes	Yes	Yes
Semi-automatic mode	Yes	Yes	Yes
Adjustable sensivity	Yes	Yes	Yes
Adjustable lux - switching on	Yes	Yes	Yes
Adjustable sensivity - presence	Yes	Yes	Yes
Detection indication	Yes	Yes	Yes
Setting indication	Yes	Yes	Yes
Time delay, stepless	10 sec-99 min	10 sec-99 min	10 sec-99 min
Dimmer memory (last man. level)	-	Yes	Yes
Corridor function	-	Yes	Yes
Auto burn-in of fluorescent tubes	-	Yes	Yes
SETTING			
Conrtrol knob on sensor	-	-	-
Remote control	UNLCDHS	UNLCDHS	UNLCDHS
Remote control, user	UHS5	UHS5	UHS5
GENERAL DATA			
Dimension (Diameter/depth mm)	76/65	76/65	76/65
Product weight (kg)	0.15	0.20	0.20
Colour	White RAL 9003	White RAL 9003	White RAL 9003
Guarantee	5 years	5 years	5 years
ACCESSORY			
Ceiling mounting bracket	DBB	DBB	DBB
Wall mounting bracket	DBB-WBRKT	DBB-WBRKT	DBB-WBRKT

L
N
230V /AC

L N L¹   1 2
Channel 1

PRM VERSION- AUTOMATIC MODE

L
N
230V /AC

Ballast

L N L¹   1 2
Channel 1

PRM VERSION- SEMI AUTOMATIC MODE

L
N
230V /AC

Electronic Ballast

L N L¹ + -
Channel 1 Channel 2   T1   T2

DIM VERSION WITH MANUAL DIMMING OPTION

ACCESSORIES

CEILING BRACKET, SMALL
DBB ART. 760132

WALL BRACKET, SMALL
DBB-WBRKT
ART. 760081

2015-01-16

AURA LIGHT