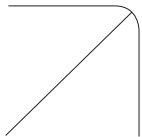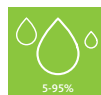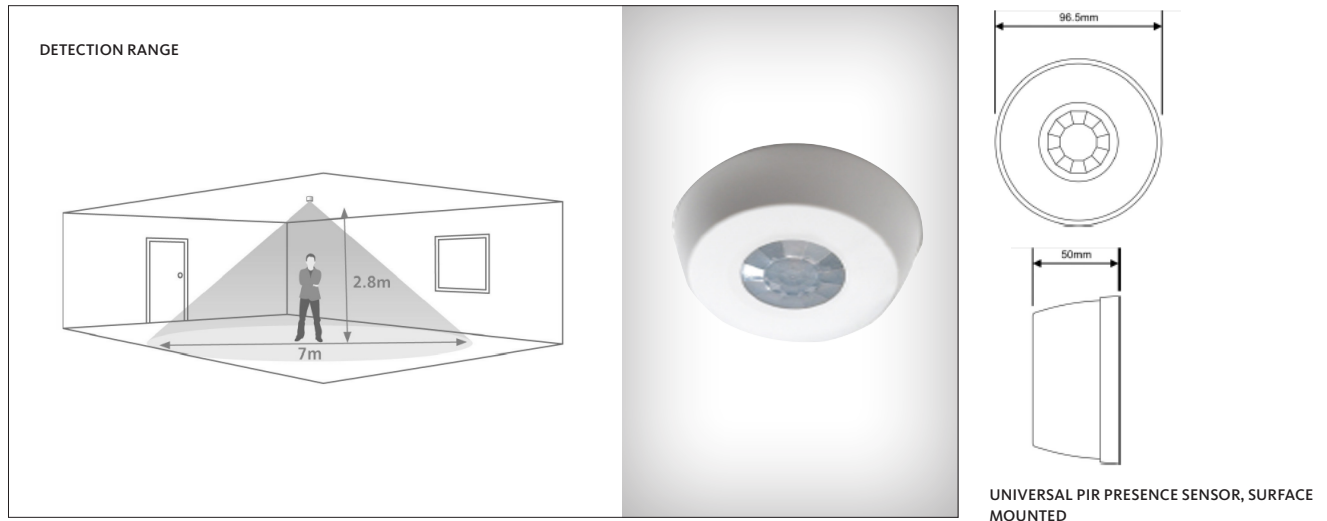# PIR: Universal Sensor, Surface Mounted
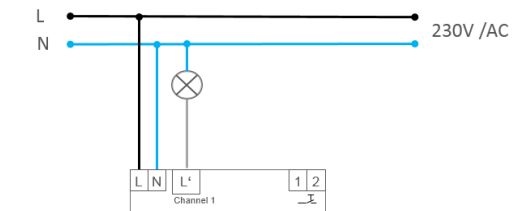
A surface mounted sensor for hard ceilings

This Universal PIR surface mounted sensor fulfills many type of lighting control needs in buildings with hard ceilings. The very flat lens design allows a big detection range of 40 m² which covers for example small offices, floors, locker & store rooms. This model is the universal answer for perfect lighting control in offices, hotels and public buildings.

- Detection range 360°/Ø 7 m at ceiling height 2.8 m
- Available in on/off, 1-10V, DALI
- Presence detection and daylight linking
- Perfect solution for hard ceilings or limited built-in options
- Semi- and fully automatic function
- Stepless dimming level, delay time and detection sensitivity
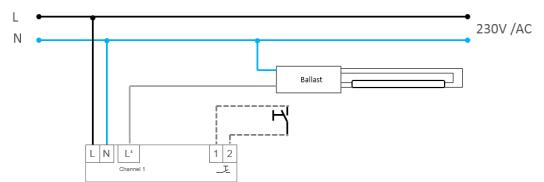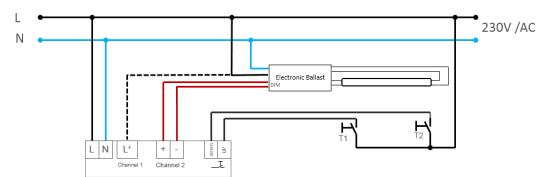- Easy installation by factory setting and remote control adjustment

detection 360° X:7m Y:2,8m

230VAC +/-10% 50Hz

+35°C −10°C

5-95%

IP40

CLASS II

ABS + PC/ABS

10A

EMC-2004/108/EC LVD-2006/95/EC

AURA LIGHT

DETECTION RANGE

2.8m

7m

96.5mm

50mm

UNIVERSAL PIR PRESENCE SENSOR, SURFACE MOUNTED

PRODUCT	EBDSM-PRM On/Off	EBDSM-DD DALI/DSI	EBDSM-AD 1-10V
ELECTRICAL DATA			
Sensor type	PIR	PIR	PIR
Article no.	760067	760066	760065
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	IP 40	IP 40	IP 40
Power consumption passive	0.82 W	0.3 W	0.5 W
Power consumption active	0.84 W	0.9 W	1.1 W
Operation temperature	-10°C- +35°C	-10°C- +35°C	-10°C- +35°C
FEATURES			
Detection range	Ø 7 m / 2.8 m height	Ø 7 m / 2.8 m height	Ø 7 m / 2.8 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 sensitivity	Yes	Yes	Yes
Adjustable lux - switching on	Yes	Yes	Yes
Adjustable sensitivity - 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			
Control knob sensor	-	-	-
Remote control	UNLCDHS	UNLCDHS	UNLCDHS
Remote control, user	UHS 5	UHS 5	UHS 5
GENERAL DATA			
Dimensions (Diameter/depth mm)	96.5/50	96.5/50	96.5/50
Product weight (kg)	0.15	0.15	0.15
Colour	White RAL 9003	White RAL 9003	White RAL 9003
Guarantee	5 years	5 years	5 years
ACCESSORY			
Ceiling mounting bracket	-	-	-
Wall mounting bracket	-	-	-

L
N
230V /AC

PRM VERSION- AUTOMATIC MODE

L
N
230V /AC

PRM VERSION- SEMI AUTOMATIC MODE

L
N
230V /AC

DIM VERSION WITH MANUAL DIMMING OPTION

2015-01-16

AURA LIGHT