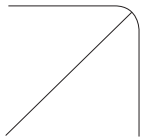


# PIR: Large range Sensor LT30

The perfect sensor for cold environments

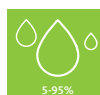


The Large Range PIR sensor LT30 is a unique sensor developed for low temperature areas such as cold storage. This sensor works at a temperature of below  $-30^{\circ}\text{C}$ . Standard sensors usually stop working after  $-20^{\circ}\text{C}$ . This sensor has protected components which makes it durable for cold environments.

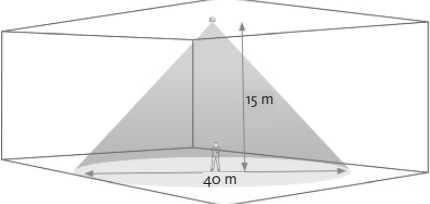
The Large Range PIR Sensor is developed for installation heights of up to 15 m, with a corresponding detection range of 40 m. The covered detection range can be adjusted to individual detection ranges like  $360/270/180/90^{\circ}$  by using a mechanical lens mask to match the specific needs.

With the professional handset the setting can be adjusted upon an height of 10 m. The dim versions include corridor function and automatic burn-in of fluorescent lamps in connection with new installations and replacements.

- Detection range  $360^{\circ}/\varnothing 40\text{ m}$  at ceiling height 15 m
- Developed especially for cold environments
- Available in on/off, 1-10V or DALI
- IP65
- Outdoor application in protected installation
- Presence or motion detection selectable
- Special designed lens for reliable detection of high ceilings
- Semi- and fully automatic function
- Stepless dimming level, delay time and detection sensitivity
- Selectable detection range
- Easy installation by factory setting and remote control adjustment




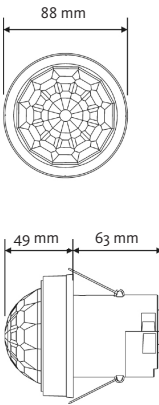
**DETECTION RANGE**



Height	Range Diameter
15m	40m
10m	26m
6m	16m
3m	8m

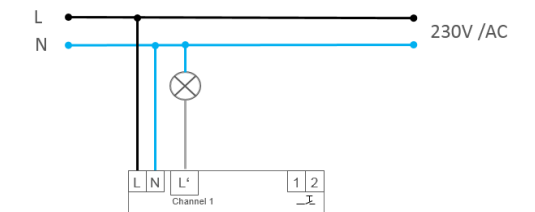
**LARGE RANGE PIR SENSOR LT30**



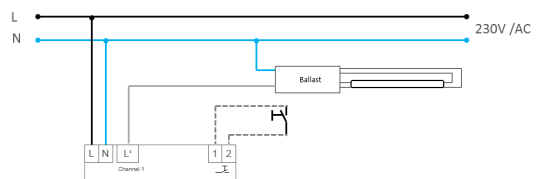


**LARGE RANGE PIR SENSOR LT30**

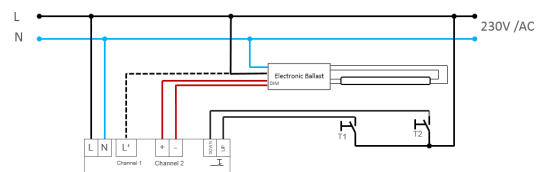
PRODUCT	EBDHS-PRM-LT30 On/Off	EBDHS-DD-LT30 DALI/DSI	EBDHS-AD-LT30 1-10V
<b>ELECTRICAL DATA</b>			
Sensor type	PIR	PIR	PIR
Article no.	760064	760063	760062
Voltage	230 V AC 50 Hz	230 V AC 50 Hz	230 V AC 50 Hz
Max. load	10 A	10 A	10 A
Max. no. of ballasts	20	20 if only channel 2 is used. (otherwise 10)	10
IP class	IP 65	IP 65	IP 65
Power consumption passive	0.83 W	0.3W	0.3 W
Power consumption active	0.85 W	0.8 W	0.8 W
Operation temperature	-30°C - +35°C	-30°C - +35°C	-30°C - +35°C
<b>FEATURES</b>			
Detection range	Ø 40 m / 15 height	Ø 40 m / 15 height	Ø 40 m / 15 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
Selectable detection range 360°/270°/180°/90°	Yes	Yes	Yes
<b>SETTING</b>			
Control knob sensor	-	-	-
Remote control	UNLCDHS	UNLCDHS	UNLCDHS
Remote control, user	UHS 5 / UHS 6	UHS 5 / UHS 6	UHS 5 / UHS 6
<b>GENERAL DATA</b>			
Dimensions (Diameter/depth mm)	88/65	88/65	88/65
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
<b>ACCESSORY</b>			
Ceiling mounting bracket	DBB	DBB	DBB
Wall mounting bracket	DBB-WBRKT	DBB-WBRKT	DBB-WBRKT



PRM VERSION- AUTOMATIC MODE



PRM VERSION- SEMI AUTOMATIC MODE



DIM VERSION WITH MANUAL DIMMING OPTION

## ACCESSORIES

