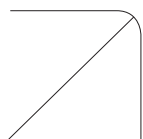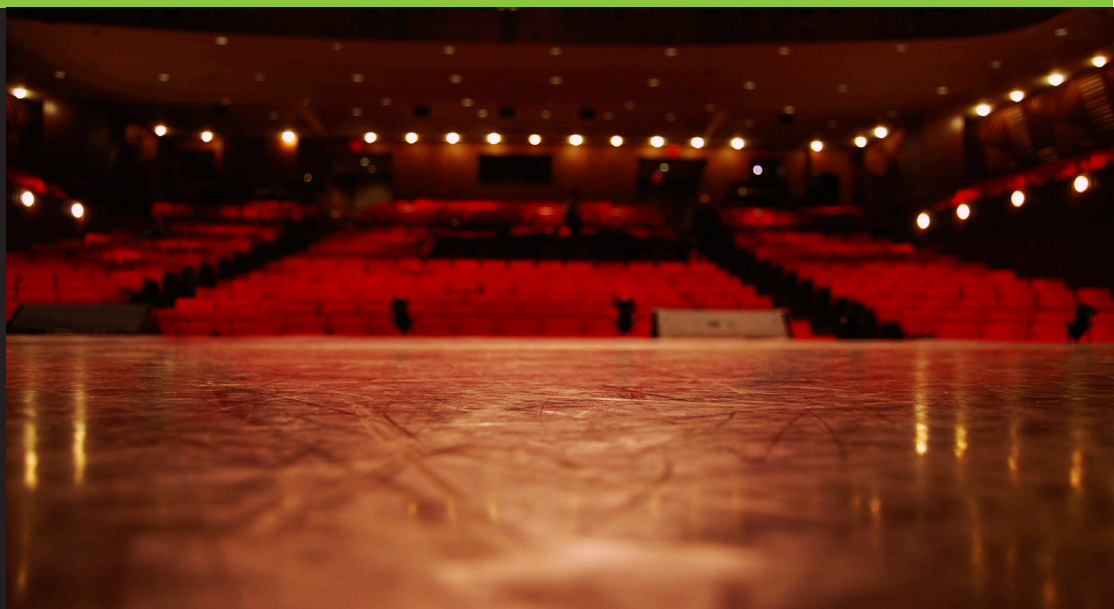# KNX: Large Range PIR Sensor

Perfect choice for the detection of all types of buildings with high ceilings
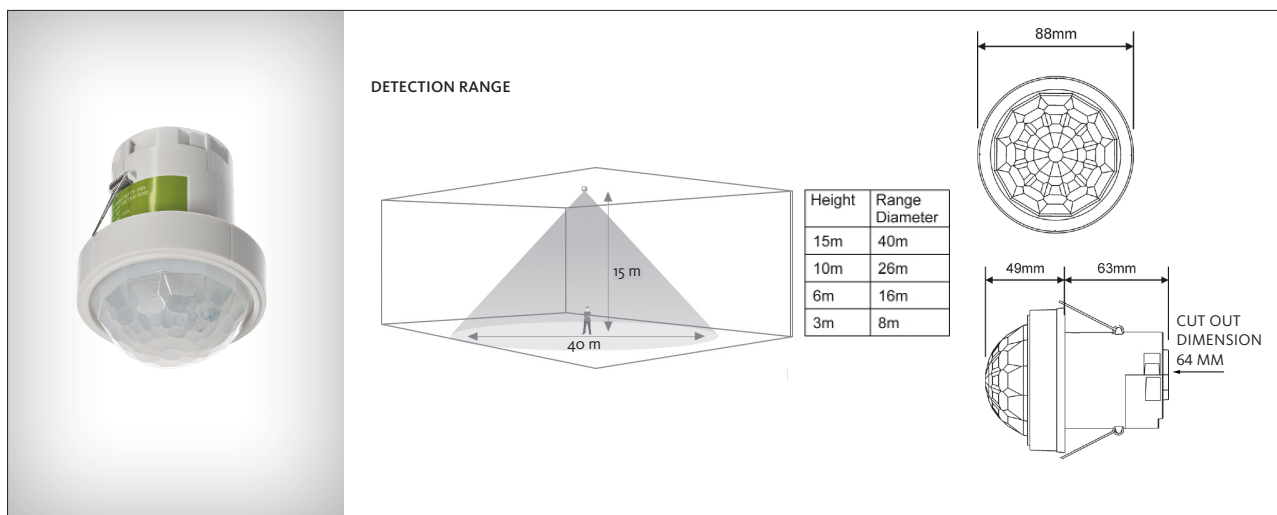
The KNX Large Range PIR Sensor is a passive infrared presence sensoe that is suitable for applications with very high ceilings. Th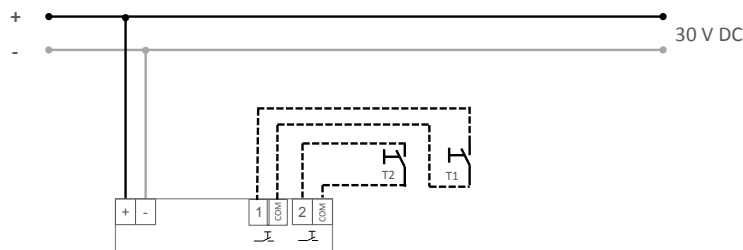e unique lens allows an operation height of up to 15 m with and corresponding detection range of 40 m. The detection range can be adjusted to an individual detection range (e.g. 360/270/180/90) by using the software. This makes it very easy and flexible to adjust the detection after each situation. It is the perfect solution for all type of buildings with high ceilings like warehouses, production halls, sport halls, hotels and office building entries.

- Detection range 360°/Ø 40 m at a ceiling height 2.8 m
- ETS software can be downloaded from auralight.com
- KNX activation programmed through the button on the sensor or by remote control
- Detection range Ø 7 m at ceiling height 2.8 m
- Available in on/off, 1-10V, Dali/DSI/wireless AN10® or KNX versions.
- Presence detection and daylight linking
- Invisible mounting due to low profile (5mm)
- Semi- and fully automatic function
- Stepless dimming level, hold time and detection sensitivity
- Easy installation
- Two manual switch inputs
- Remote controlled light scenes
- Designed to be a part of a KNX system

DETECTION RANGE

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

88mm

49mm 63mm

CUT OUT DIMENSION 64 MM

PRODUCT	EBDHS-KNX
Article no.	760194
ELECTRICAL DATA	
Sensor type	PIR
Sensor model	KNX
Voltage	30V DC
Max. load	-
Max no. of ballasts	-
IP class	IP40/ IP65 m packaging
Power consumption passive	23,2MA
Power consumption active	23,2MA
Operating temperature	-10 °C – +35 °C
Features	
Detection range	Ø: 40 m/h: 15 m
Channel 1 on/off, (non-floating contact)	-
Channel 2 dim	-
Push button input	Yes
Motion detection by default	yes
Presence detection by setting	Yes
Semi-automatic mode	Yes
Adjustable sensitivity	Yes
Lux switching on & off	Yes
Separate sensitivity for active & passive mode	-
Detection indication	Yes
Setting indication	Yes
Delay time, stepless	10 sec - 30 min
Dimmer memory (last manual setting)	-
Corridor function	-
Auto burn-in of fluorescent tubes	-
SETTING	
Control knob sensor	Yes
Remote control	UNLCDHS
Remote control, user	UHS5/UHS7
GENERAL	
Dimensions (Diameter/depth mm)	76/65
Product weight (kg)	0,16 kg
Colour	White RAL 9003
Guarantee	5 years
ACCESSORIES	
Ceiling mounting bracket	DBB
Wall mounting bracket	DBB-WBRKT

30 V DC

WIRE DIAGRAM KNX SYSTEM

ACCESSORIES

CEILING BRACKET, SMALL
DBB
ART. 760132

WALL BRACKET, SMALL
DBB-WBRKT
ART. 760081

2016-02-16

AURA LIGHT