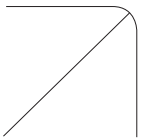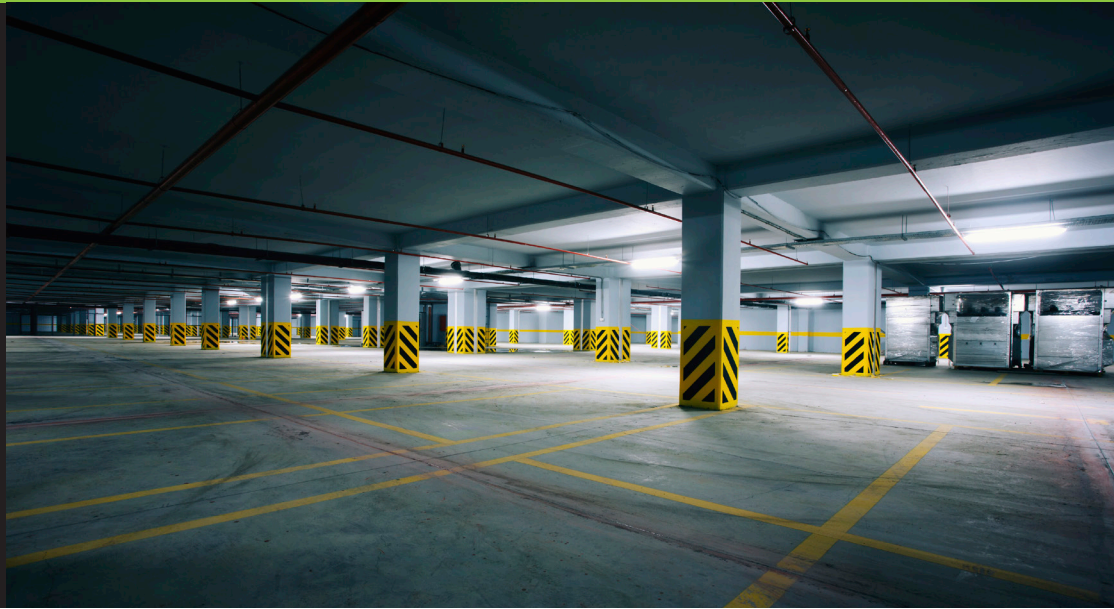# HF: Universal Sensor, Surface Mounted
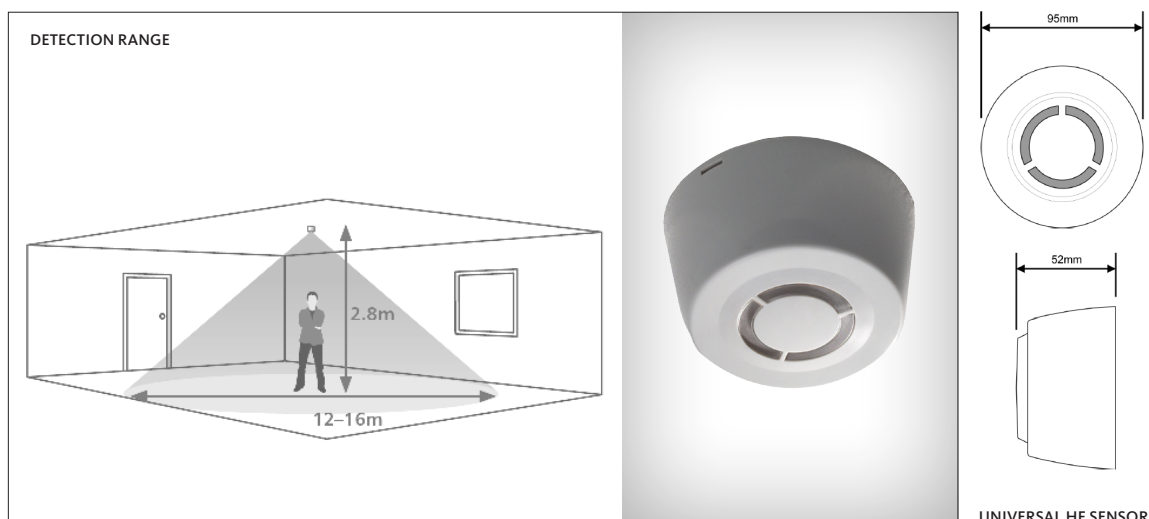
A sensor for hard ceilings and small movements

Compact HF all-in-one sensor that detects even very small movements. This is the ideal sensor in areas with small movemen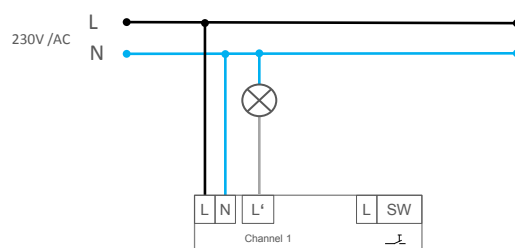ts and for all type of buildings with concrete ceilings like car parks, basements or restrooms. There's no reason to feel insecure in a dark car park any longer. This sensor will light up immediately when detecting even the smallest movement. Due to the compact design, it is nearly invisible when installed. The HF-technology makes it perfect to detect both humans and all type of vehicles.

- **Detection range up to 360°/16 m at mounting height 2.8 m**
- **Low convex profile, for nearly invisible installation**
- **Presence and motion sensor in one**
- **Daylight linking function**
- **Semi- and fully automatic function**
- **Stepless dimming level, delay time and detection sensitivity**
- **Remote controlled for professional commissioning**
- **Available versions: on/off, DALI and 1-10V**
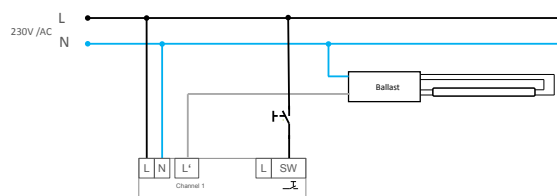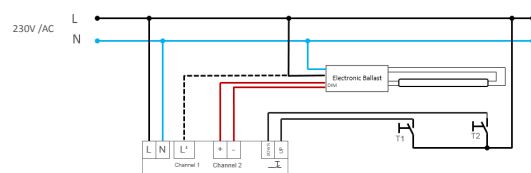- **Factory Preset for plug & play**

5.8GHz microwave frequency

detection 360° X:16m Y:2,8m

230VAC +/−10% 50Hz

+35°C −10°C

5-95%

IP40

CLASS II

ABS + PC/ABS

10A

ANSI IEEEC95. 1-1999

CE

AURA LIGHT

DETECTION RANGE

2.8m

12–16m

95mm

52mm

UNIVERSAL HF SENSOR

PRODUCT	MWS6SM-PRM	MWS6SM-DD	MWS6SM-AD
TECHNICAL DATA			
Sensor type	HF 5.8 GHz	HF 5.8 GHz	HF 5.8 GHz
Sensor model	On/off	DALI	1-10V
Article no.	760373	760374	760375
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	0,87 W	0,7 W	0,7 W
Power consumption active	0,9 W	0,83 W	0,83 W
Operation temperature	-10°C - + 35°C	-10°C - + 35°C	-10°C - + 35°C
Features			
Detection range	Ø: 16 m / h: 2,8 m	Ø: 16 m / h: 2,8 m	Ø: 16 m / h: 2,8 m
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 on sensor	-	-	-
Remote control	UNLCDHS	UNLCDHS	UNLCDHS
Remote control, user	UHS5 /UHS7	UHS5 /UHS7	UHS5 /UHS7
GENERAL DATA			
Dimensions (diameter/depth mm)	95/52	95/52	95/52
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

230V /AC
L
N

L N L' | L SW
Channel 1

PRM VERSION- AUTOMATIC MODE

230V /AC
L
N

Ballast

L N L' | L SW
Channel 1

PRM VERSION- SEMI-AUTOMATIC MODE

230V /AC
L
N

Electronic Ballast

L N L' | + - | S
Channel 1 Channel 2

DIM VERSION WITH MANUAL DIMMING OPTION

All specifications are subject to change. For the latest version of this product leaflet, please visit www.auralight.com/products.

2015-07-03

AURA LIGHT