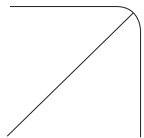


Wireless AN10®: Corridor HF Sensor

A high-quality sensor for long operation inductances



Wireless HF corridor sensor with a detection range of up to 30 m. Corridors often need long cables to connect to a Light Management System. The Wireless AN10®

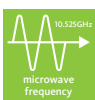
control system only needs power. The switching or dimming command is wireless and transmitted by air. This broadcast system reduces maintenance costs and reduces cable installation. It also allows a more future-proof and flexible installation. This wireless corridor sensor is perfect for all type of buildings where there are long corridors like offices, hotels, car parks, warehouses and supermarkets.

- Presence and motion sensor in one
- Detection range 30 x 6 m at mounting height 2.8 m
- 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/ 1-10V/ An10®
- Factory Preset for plug & play
- Low convex profile
- Wireless transmission on 868 MHz
- Up to 30 m transmission range
- Unique mesh network for reliable functionality
- Transceiver system with 4-step security coding
- One light scene command- unlimited receives reacts*

*depends on buildings physics



AT system
868MHz
radio frequency



10.525GHz
microwave
frequency



detection range
X:30m Y:6m



74mm



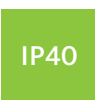
230VAC +/-10%
50Hz



+35°C
-10°C



5-95%



IP40



CLASS II



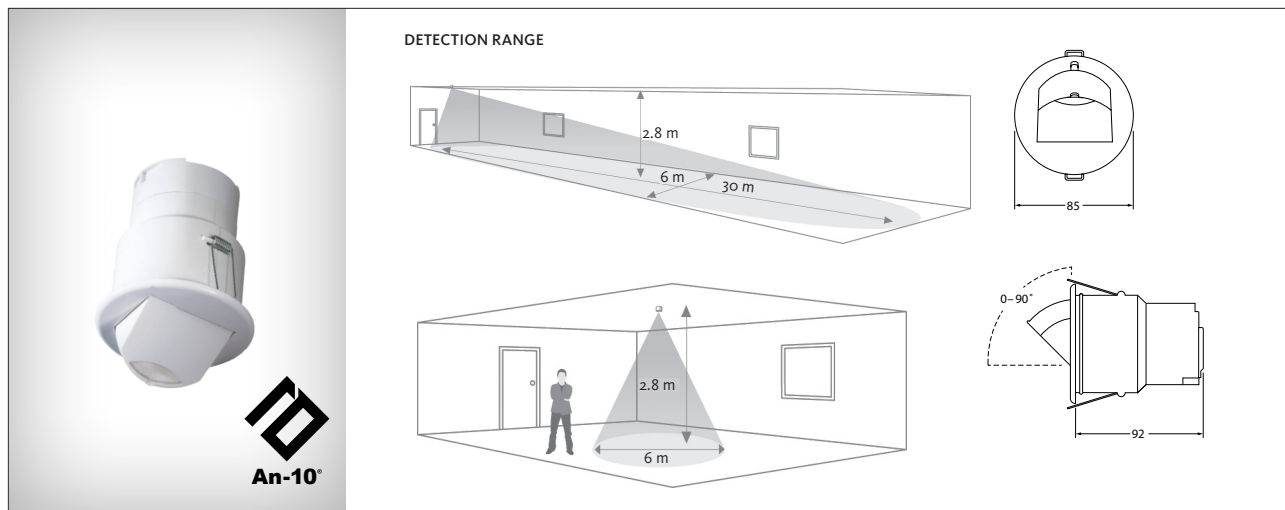
ABS + PC/ABS



10A

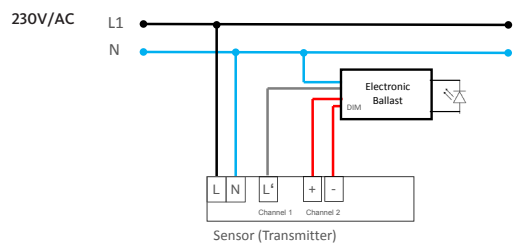
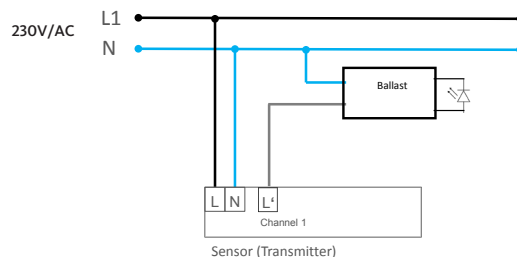


CE



PRODUCT	MWS3A-AT-PRM	MWS3A-AT-D	MWS3A-AT-AD
Article no.	Depends on region	Depends on region	Depends on region
ELECTRICAL DATA			
Sensor type	HF	HF	HF
Sensor model	On/Off	DALI/DSI	1-10V
Voltage	230 V AC 50 Hz	230 V AC 50 Hz	230 V AC 50 Hz
Max. load	10A	10A	10A
Max. no. of ballast	20	20 if only channel 2 is used. (otherwise 10)	20
IP Class	IP40	IP40	IP40
Power consumption passive	1.3 W	1.3 W	1.3 W
Power consumption active	2.1 W	2.1 W	2.1 W
Operation temperature	0°C - 35°C	0°C - 35°C	0°C - 35°C
FEATURES			
Detection range depends on antenna position	22*6 m / 2.8 m height	22*6 m / 2.8 m height	22*6 m / 2.8 m height
Channel 1 on/off, (non-floating contact)	Yes	Yes	Yes
Channel 2 dim	-	DALI/DSI	1-10V
Channel 3	868MHz	868MHz	868MHz
Operation range (outdoor)	> 30 m	> 30 m	> 30 m
Push button input	via AT-BB-IN	via AT-BB-IN	via AT-BB-IN
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
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	UHS4	UHS4	UHS4
GENERAL DATA			
Dimensions (diameter/depth/mm)	85/92	85/92	85/92
Product weight (kg)	0.20	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	MWS3A-DBB	MWS3A-DBB	MWS3A-DBB
Wall mounting bracket	MWS3A-DBB-WBRKT	MWS3A-DBB-WBRKT	MWS3A-DBB-WBRKT
Relay module	AT-SL-R / AT-SL-DDR / AT-SL-ADR	AT-SL-R / AT-SL-DDR / AT-SL-ADR	AT-SL-R / AT-SL-DDR / AT-SL-ADR
Switch module	AT-BB-IN	AT-BB-IN	AT-BB-IN

Code Suffix	Region	Frequency	MWS3A-AT-PRM	MWS3A-AT-DD	MWS3A-AT-AD
R0	UK, China, India, Middle East, Malaysia, Hong Kong, Singapore	10.687 GHz	760148	760158	760178
R2	Australia and all of Europe except: UK, France, Portugal, Germany, Switzerland, Austria, Slovak Republic, Republic of Ireland	10.525 GHz	760163	760164	760165
R3	France, Portugal, Switzerland	9.900 GHz	760149	760159	760179
R4	Germany, Austria, Slovak Republic	9.350 GHz	760157	760177	760182



WIRE DIAGRAM AN10® SYSTEM

ACCESSORIES

CEILING BRACKET, LARGE
MWS3A-DBB
ART. 760133WALL BRACKET, LARGE
MWS3A-DBB-WBRKT
ART. 760080SWITCH MODULE
AT-BB-IN
ART. 760167RELAY MODULE
AT-SL-R/-DDR/-ADR
ART. 760168/760170/760172AN10 DIM & SWITCH
CONTROL
ART. 760207All specifications are subject to change. For the latest version of this product leaflet, please visit www.auralight.com/products.

2016-01-29