

## Plug-in Motion Sensor RMW-DC Installation

Please read the instructions thoroughly, including the installation instructions for the luminaire and retain for future reference.

The RMW-DC sensor is suitable for ON/OFF/Dimming control of Kosnic luminaires where specified on the luminaire datasheets. The sensor has a detection radius of 5m when mounted at a height of 3m. The operating parameters can be set by using the pre-set modes or via an optional remote control.


### Safety Information

- Installation must be carried out in accordance with national building and wiring regulations. If you are in any doubt about installing this product, please consult a qualified electrician.
- The sensor is suitable for connection to a 12Vdc supply.

### Pre-Set scene modes

- Scene DIP switches are accessible at the front of the fitting. Four pre-set modes are available. When set, the connected luminaire will detect motion or ambient light levels and switch on or off according to the pre-set value shown below.

### DIP Switch Settings

ON	DIP1	DIP2	Scene	Detection area	Hold time	Daylight Threshold
	ON	ON	Corridor	100%	1min	100Lux
	ON	-	Office	50%	30min	300Lux
	-	ON	Toilet	25%	5min	Disable
	-	-	Dusk to dawn	<30Lux ON, >150Lux OFF		

### Manual Override (ON)

Switching the sensor OFF/ON/OFF/ON within 3s. After a period of 30 mins **if no motion is detected**, the sensor and luminaire will return to automatic operation. Any motion detected will re-start the 30 min timer. Powering off the sensor will return the sensor to automatic operation.

### Factory Settings


The sensor ships with Office Scene as default.

### Optional Remote Control (RMT-UNI)

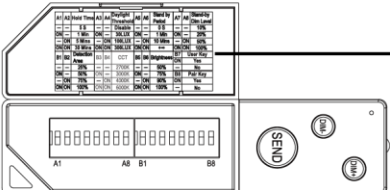
The optional remote control is useful for testing, adjusting settings without accessing the DIP switches on the sensor. The below features of the remote control will be available for use with **RMW-DC**. Please refer to the remote-control instructions for specific details.

### Available Features

Hold Time, Daylight Threshold, Stand-by Period, Stand-by Dim Level, Detection Area, Brightness, User Key, Pair Key, Manual Override (ON), Manual Override (OFF), Dim Up, Dim Down



**RMT-UNI**  
 (Not included)



A1	A2	Hold Time	A3	A4	Daylight Threshold	A5	A6	Stand by Period	A7	A8	Stand-by Dim Level
—	—	5 S	—	—	Disable	—	—	0 S	—	—	10%
ON	—	1 Min	ON	—	30LUX	ON	—	1 Min	ON	—	20%
—	ON	5 Mins	—	ON	100LUX	—	ON	10 Mins	—	ON	50%
ON	ON	30 Mins	ON	ON	300LUX	ON	ON	+∞	ON	ON	100%
B1	B2	Detection Area	B3	B4	CCT	B5	B6	Brightness	B7	User Key	
—	—	25%	—	—	2700K	—	—	50%	ON	Yes	
ON	—	50%	ON	—	3000K	ON	—	75%	B8	Pair Key	
—	ON	75%	—	ON	4000K	—	ON	90%	ON	Yes	
ON	ON	100%	ON	ON	6000K	ON	ON	100%	—	No	


Not available  
 Available


### Dusk to Dawn Function


Set “Stand-by Period” to  $+\infty$ , “Stand-by DIM Level” to 100% and “Daylight Threshold” to 30Lux will activate dusk to dawn function. The connected luminaire will only detect ambient light levels and switch on or off.

### Daylight Priority Function

Set “Stand-by Period” to  $+\infty$  and “Stand-by DIM Level” to 10% or 20% or 50% will activate daylight priority function. When the ambient light is above the setting “LUX OFF” value, the connected luminaire will switch OFF even if motion is detected. The luminaire will switch on at stand-by DIM level automatically when the ambient light is below the setting “LUX ON” value, and the daylight sensor will learn a value as the “LUX OFF” value for the next time. If motion is detected, the luminaire will dim up to the maximum light level.

ON	A5	A6	Stand-by Period
	-	-	0 S
	ON	-	1 Min
	-	ON	10 Mins
	ON	ON	$+\infty$

ON	A7	A8	Stand-by DIM Level
	-	-	10%
	ON	-	20%
	-	ON	50%
	ON	ON	100%

ON	A3	A4	Daylight Threshold
	-	-	Disable
	ON	-	30Lux ON, 100Lux OFF
	-	ON	100Lux ON, 300Lux OFF
	ON	ON	300Lux ON, 500Lux OFF

### Microwave Sensor RMW-DC Cable Selection

- Please follow the installation instructions provided with the luminaire for details on how to install and adjust the settings on the microwave sensor.
- The sensor is suitable for connection to a 12Vdc supply.

Product	Product Code	Cable	Product	Product Code	Cable	Product	Product Code	Cable
<b>Linear Luminaire</b>			<b>Surface Luminaire</b>			<b>Surface Luminaire</b>		
Kennet	KEN4F-SCT	4pin to 4pin	Blanca-i	KBHCT12C6S65-W40	4pin to 4pin	Ossa II	OSS18-SCT	4pin to 3pin
	KEN5F-SCT	4pin to 4pin		KBHCT12C6S65/E-W40	4pin to 4pin			
	KEN6F-SCT	4pin to 4pin		KBHCT12C6S65-W40-WHT	4pin to 4pin	Ossa II Deco	OSS18-RGB-WHT	4pin to 3pin
Kennet II	KEN24F-SCT	4pin to 4pin		KBHCT12C6S65/E-W40-WHT	4pin to 4pin		OSS18-RGB-CHM	4pin to 3pin
	KEN25F-SCT	4pin to 4pin	Blanca-i Pro	KBHCT9-18C6S65/SCT	4pin to 4pin		OSS18-RGB-BAS	4pin to 3pin
	KEN26F-SCT	4pin to 4pin			4pin to 4pin		OSS18-RGB-PBL	4pin to 3pin
Kennet Pro	KENP4F-SCT	4pin to 4pin			4pin to 4pin		OSS18-RGB-SCH	4pin to 3pin
	KENP5F-SCT	4pin to 4pin			4pin to 4pin	Etna-i	ETN18-SCT	4pin to 3pin
				KBHCT9-18C6S65/E/SCT-WHT	4pin to 4pin		ETN18LID-SCT	4pin to 3pin
				BLC18-SCT	4pin to 4pin			

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	KENP6F-SCT	4pin to 4pin						
Arno-Pro			Polo	KBHCT11C2S65-W40-WHT	4pin to 4pin	Ogo	OGO18-SCT	4pin to 3pin
	ARNP4F32-SCT	4pin to 4pin		KBHCT11C2S65/E-W40-WHT	4pin to 4pin		OGO32-SCT	4pin to 3pin
	ARNP5F48-SCT	4pin to 4pin		POL12-SCT	4pin to 4pin	Viso II	VIS12-SCT	4pin to 3pin
	ARNP6F60-SCT	4pin to 4pin		POL15-SCT	4pin to 4pin		VIS18-SCT	4pin to 3pin
Arno-Retro								
	ARNT4F32-SCT	4pin to 4pin	Ossa-i	KBHCT12C9S65/SCT-WHT	4pin to 4pin			
	ARNT5F48-SCT	4pin to 4pin		KBHCT12C9S65/E/SCT-WHT	4pin to 4pin			
	ARNT6F60-SCT	4pin to 4pin		OSS18-W40	4pin to 4pin			

We hereby declare that this product meets the requirements of the **EU Radio Equipment Directive 2014/53/EU & UK Radio Equipment Regulations 2017**. Declaration is issued under the sole responsibility of the manufacturer. Conforms to:

EN 300 220-1	Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment to be used in the 25 MHz to 1 000 MHz frequency range with power levels ranging up to 500 mW; Part 1: Technical characteristics and test methods
EN 300 220-2	Short Range Devices (SRD) operating in the frequency range 25 MHz to 1 000 MHz; Part 2: Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU for non-specific radio equipment
EN 301 489-1	Electromagnetic compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
EN 301 489-3	Electromagnetic compatibility and Radio Spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 40 GHz
EN 62479	Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)



L'élimination du produit et des matériaux d'emballage doit être conforme au décret français No. 2021-835 (France uniquement)



The Waste Electrical & Electronic Equipment Regulations (WEEE) require that products bearing this symbol must not be disposed of with household waste as they may contain substances harmful to the environment. The Local Authority can provide advice on recycling.