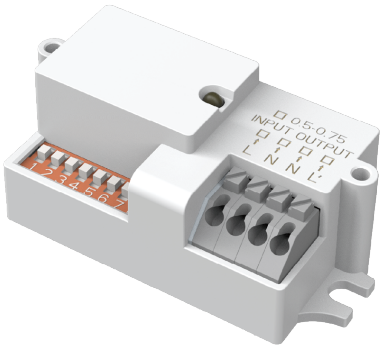
Microwave Sensor On/Off

Kosnic
LIGHTING • SIMPLY BETTER

08912 POL2-MWS

Plug-in ON/OFF Microwave Sensor

- Automatic switching based on motion and ambient light setting
- Compact design
- Settings adjustable via DIP switches
- Push-fit input and output wire terminals (0.5-0.75mm²)
- Class II, IP20



Overview

Plug-in microwave sensor for a wide range of surface luminaires. A simple energy-saving solution that uses light only when and where you need it.

IP20

General Information

Ambient Temperature Range (°C)	-25 C to 60 C (Storage: -40 C to 80 C)
IP Rating	IP20
Protection Rating	Class II

Compliance

LVD	EN 61058-1:2018
EMC	EN 61326-1:2013
Others	UKCA, CE, RoHS, WEEE

Technical Summary	
Product Code	POL2-MWS
Weight	0.025Kg

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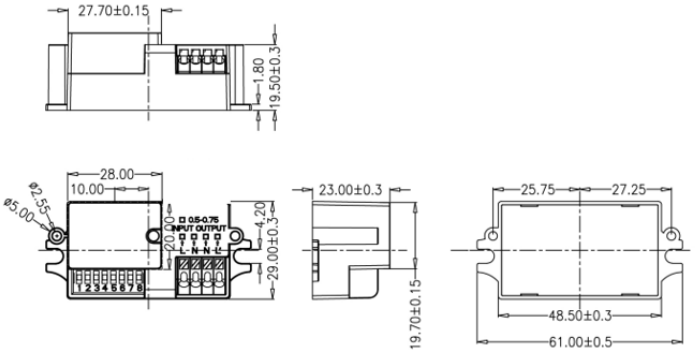
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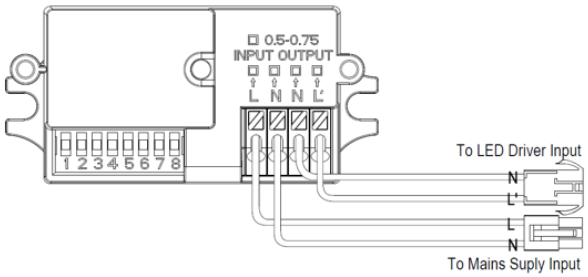
IP20

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Wiring



The sensor is allowed to be connected to one load only. The sensor may be damaged if connecting more than one load.

DIP Switch Setting

Detection Area			
	1	2	
I	ON	ON	100%
II	ON	-	75%
III	-	ON	50%
IV	-	-	25%

Hold Time				
	3	4	5	
I	ON	ON	ON	5S
II	ON	ON	-	30S
III	ON	-	ON	1min
IV	ON	-	-	3min
V	-	ON	ON	5min
VI	-	ON	-	10min
VII	-	-	ON	20min
VIII	-	-	-	30min

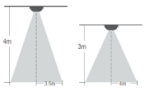
Ambient Light Level				
	6	7	8	
I	ON	ON	ON	2Lux
II	ON	ON	-	10Lux
III	-	ON	-	25Lux
IV	ON	-	-	50Lux
V	-	-	-	Disable*

*Setting "Disable", sensor will switch luminaire on/off when regardless of ambient light levels.
*Daylight thresholds are typical values that are measured on a sunny day without shadow and with diffuse ambient light reflection.
*Factory Settings: Detection Area: 75%, Hold Time: 30S, Daylight Sensor: Disable

Override Function

Light will constantly remain on after continuously turning on and off light five times in two second. Recover sensing function when power on again.

Detection Range



Detection radius
(at 3m and 4m height)
Walking speed: 1m/s

Mounting Height / Detection Area	4m	3m
100%	3.5m	4m
75%	—	2.5m
50%	—	2m
25%	—	1m



Detection radius
(at 2m height)
Walking speed: 1m/s

Mounting Height / Detection Area	2m
100%	12m
75%	10m
50%	9m
25%	6m

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