

Read these instructions before installation and retain for future reference
 This equipment should be installed by a competent electrician



Important Information

We recommend that luminaires are installed by a qualified electrician ensuring the installation complies with current IEE wiring regulations BS7671:2018 & local building control.

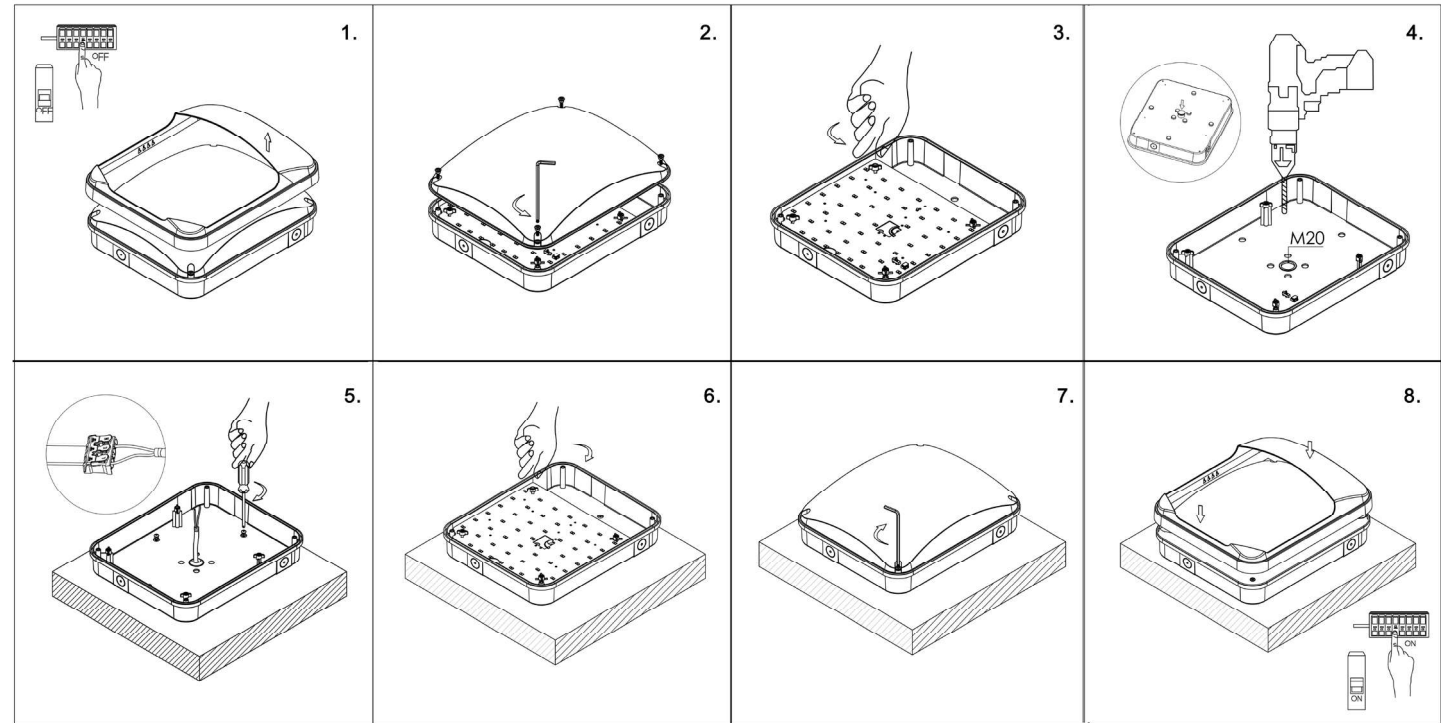
- All tests should be carried out in accordance to EN 50172:2004.
- BELL will not accept responsibility for any claims arising from poor installation.

Important User Advice

- The ambient room temperature should not exceed 35°C.
- Ensure that there is adequate free air ventilation around the fitting.
- Always switch off mains supply before installing.

This product may contain substances that can be hazardous to the environment if not disposed of properly. Electrical and electronic equipment should never be disposed of with general household waste but must be separated for its correct treatment and recovery.

Where possible recycle your packaging.

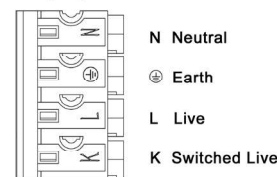


Wiring Diagrams

Standard:



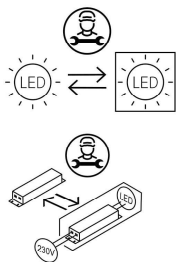
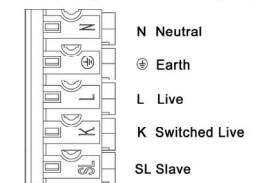
Emergency:



Sensor / Photocell:



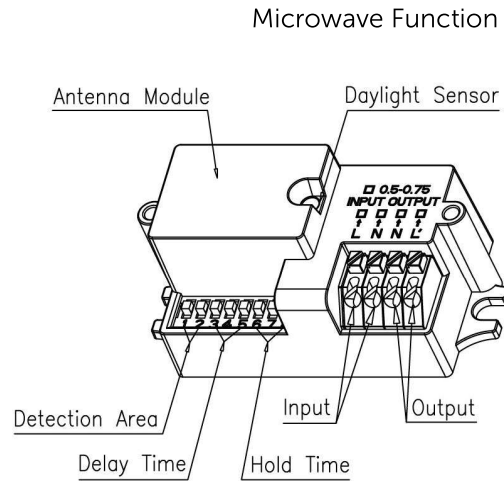
Emergency Sensor / Emergency Photocell:



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Structure



DIP Switch Setting

1) Detection Area

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

2) 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

3) Sensor

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

*Setting "Disable", sensor turns light when detecting moving object whether the daylight brightness is enough or not.

*Daylight thresholds are typical values that are measured on a sunny day without shadow and in an ambient light diffuse reflection status.

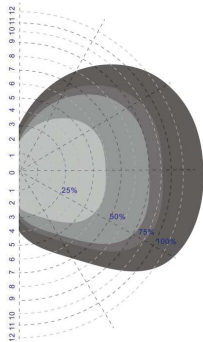
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Microwave Version

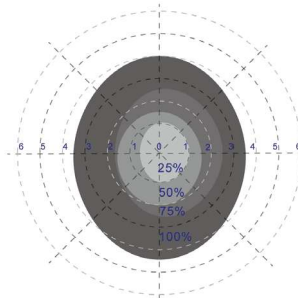
Radiation Pattern

Wall Mounting Height: 2m
 Detection Area:
 100%/75%/50%/25%



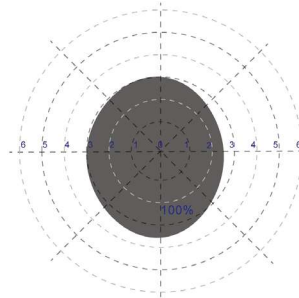
Normal moving (Speed: 1m/s)

Ceiling Mounting Height: 3m
 Detection Area:
 100%/75%/50%/25%

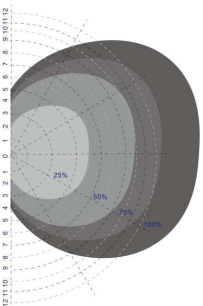


Normal moving (Speed: 1m/s)

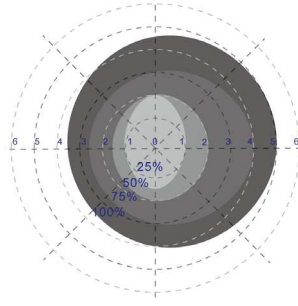
Ceiling Mounting Height: 4m
 Detection Area:
 100%



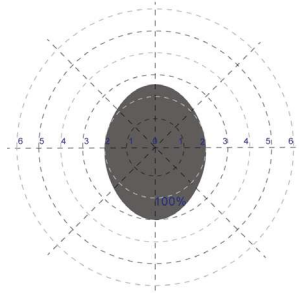
Normal moving (Speed: 1m/s)
 *When installed at 4m mounting height, sensor with 75%/50%/25% detection area is unable to detect motion signals.



Slow moving (Speed 0.3m/s)



Slow moving (Speed 0.3m/s)



Slow moving (Speed 0.3m/s)
 *When installed at 4m mounting height, sensor with 75%/50%/ 25% detection area is unable to detect motion signals.

Photocell Version

Setting

By selecting the combination of the DIP switches, switching ON/OFF lux level can be set as requirement.

	1	2	3	4	open	close
I	ON	ON	ON	ON	5Lux	25Lux
II	ON	ON	ON	-	10Lux	50Lux
III	ON	ON	-	ON	25Lux	75Lux
IV	ON	ON	-	-	50Lux	100Lux
V	ON	-	ON	-	100Lux	200Lux
VI	ON	-	-	-	150Lux	300Lux
VII	-	ON	-	-	200Lux	400Lux
VIII	-	-	-	-	Disable	



When ambient light level is below open lux level, sensor automatically switches on lights at 100% brightness. When ambient light level is over close lux level, it switches off lights.