ROBUS®
QUALITY PRODUCTS BY **LED GROUP**

10W SMD LED RETROFIT TRAY MICROWAVE SENSOR

R100LEDRETS

PLEASE READ INSTRUCTION BEFORE COMMENCING INSTALLATION AND RETAIN FOR FUTURE REFERENCES.
! Electrical products can cause death or injury, or damage to property. If in any doubt about the installation or use of this product, consult a competent electrician

Note:
Product technical information and specification may change over time without prior notification
For the latest technical information please visit our web site www.ledgrouprobus.com or robusdirect.com

Specifications

Model No:	R100LEDRETS
Voltage:	220-240V~50/60Hz
Power:	10W
Lumen:	900lm
CCT:	4000K
Beam Angle:	110°
CRI:	80
PF:	0.75
Ta Range:	-10°C ~ +30°C
Safety Class:	Class I
Detection Range:	Max.Ø12m range,
Mounting Height:	Max 3m
Delay Time:	Adjustable time delay 5 seconds ~ 20minutes
Sensor Load:	100W, (Max. 9 fittings)
Diameter:	Ø254mm
Depth:	38mm
Weight:	0.63kg
Warranty:	5 Years

Suitable for mounting on a normally flammable surface
This fitting is not suitable for installation where ambient air temperature is above 30°C
Light output will typically be reduced by 25% when installed in a fitting with opaque diffuser (e.g. ROBUS 2D housing).

Installation

1. Ensure mains supply is switched off before commencing work
2. Installation instructions as per existing conventional fitting
3. Remove existing conventional tray
4. Ensure that there is sufficient room in the fitting housing for the R100LEDRETS
5. Connect supply cables to the fitting terminals, connect Brown/ Live to Lin, Blue/Neutral to N, Green /Yellow to Earth and Brown/ Live out to Lout (if required).
   Note: It is not possible to control more than 100W of LED load or 9 additional fittings. It is not possible to have more than one fitting with microwave sensor on a circuit (no parallel sensor to sensor wiring)
6. Attach LED tray to fitting base using existing mounting posts and screws. Ensure that the tray is secure.

Walk testing can then be carried out to determine detection area with slow walking pace. When the sensor detects movement, the load will be switched on for the preset time. For the walk test set detection range to 100 or 50 or 10%, set delay time to 5s and disable daylight sensor. When finished, set controls to desired levels.
Note: Once sensor has been triggered, subsequent detection restarts timing period from beginning, so light stays on until set time elapses after last triggering

Seting sensor table

1:on, 0:off

Detection range

	S1	S2	
I	1	1	100%
II	0	1	50%
III	0	0	10%

Delay time

	S3	S4	S5	
I	1	1	1	5s
II	0	1	1	30s
III	1	0	1	180s
IV	0	0	1	300s
V	1	1	0	15min
VI	0	0	0	20min

Daylight sensor

	S6	S7	S8	
I	1	1	1	5Lux
II	0	1	1	10Lux
III	1	0	1	20Lux
IV	0	1	0	30Lux
V	0	0	0	Disable

Information for the Product user:

1. Please note the requirement to dispose of Waste Electrical & Electronic Equipment separately from household waste (WEEE marked with crossed out wheelie bin symbol).
2. Please consider your role in contributing to re-use and recycling by returning this product at end of life to a collection centre for waste electrical equipment or a Civic Amenity site, or to a retail outlet from which you are purchasing a replacement.
3. This equipment may contain substances that are hazardous to health and the environment if disposed of carelessly. It is important that it is separated from normal household waste and recycled in the WEEE chain
4. The “crossed out wheelie bin symbol” on a product indicates this equipment must not be disposed of in normal household waste, but should be disposed of according to local WEEE regulations

The Installation must be carried out by an electrician

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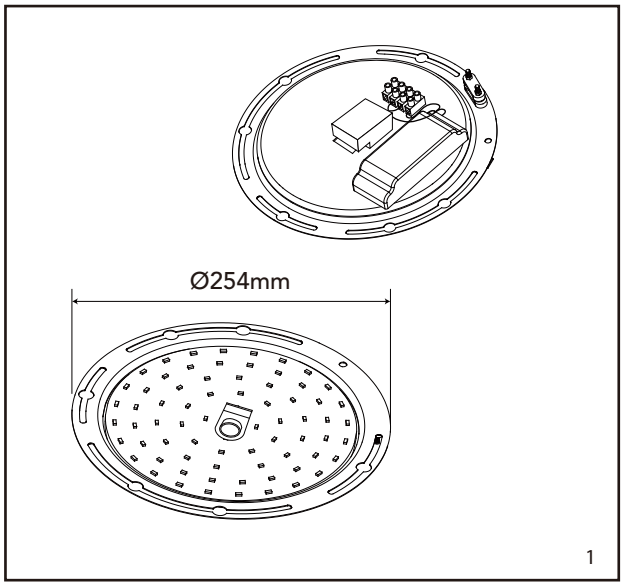
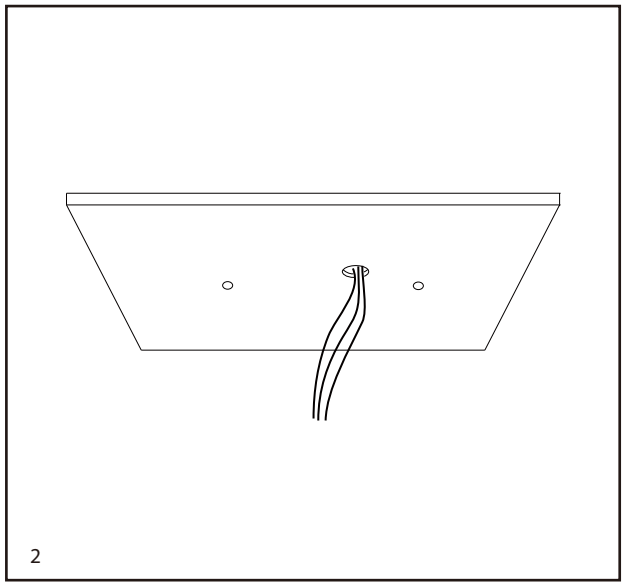
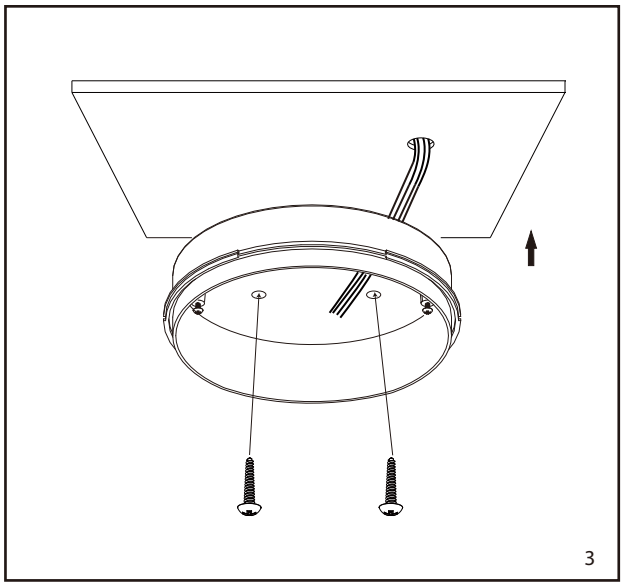
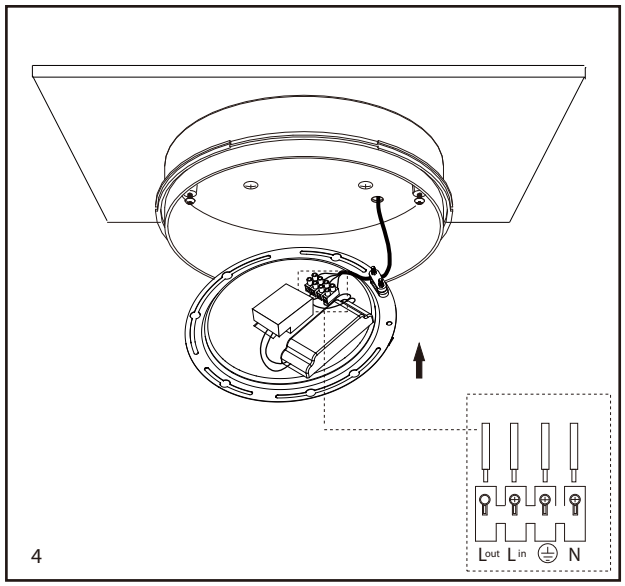
ISO 9001:2008 ERA QUALITY ASSURED COMPANY

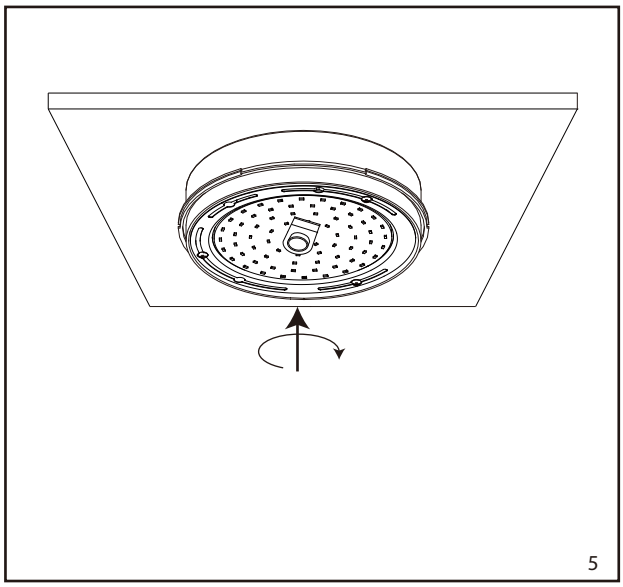
Installation diagram

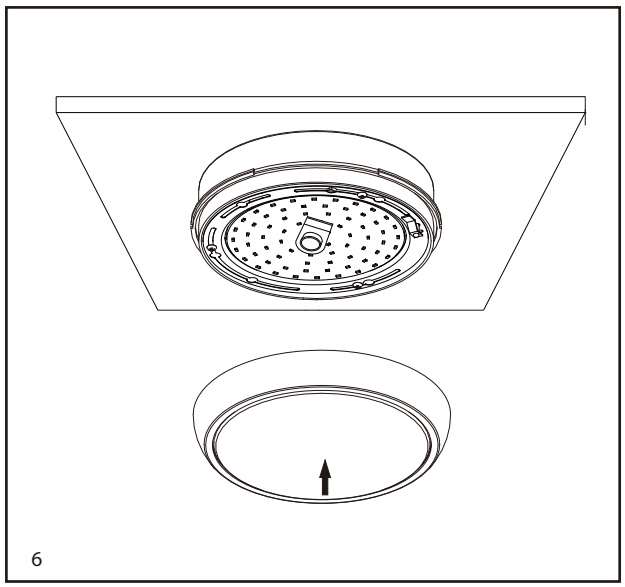












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