

# RadiaLED<sup>®</sup> Rapid Pro/Pro Slim Microwave on/off and Photocell Sensor



Installation instructions for RadiaLED<sup>®</sup> Rapid Pro/Pro Slim Microwave on/off and Photocell Sensor

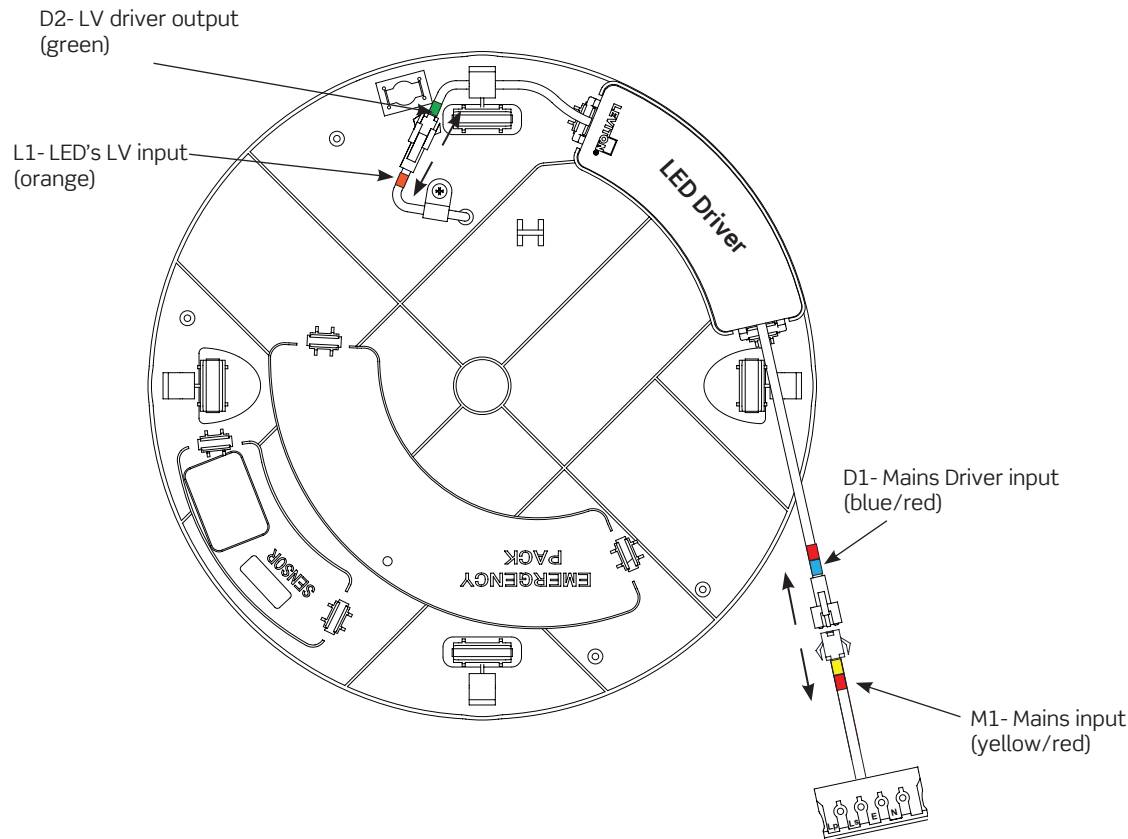
## WARNINGS AND CAUTIONS

- To avoid electric shock ⚠ or serious injury or property damage, isolate power before installing, removing or servicing the product
- It is recommended that this product is installed by an electrician or a competent person with sufficient experience to install this product
- To be installed in accordance with the local current wiring regulations and standards
- JCC will not accept responsibility for claims arising from sub-standard installations; which will void the warranty
- Ensure that you have the tools and accessories required to complete the installation correctly
- This sensor is only suitable for with RadiaLED Rapid Pro and Rapid Pro Slim range
- Do not carry out insulation tests with this product connected to the circuit
- Any broken or damaged parts should be replaced as soon as possible

## INSTALLATION INSTRUCTIONS

ENGLISH

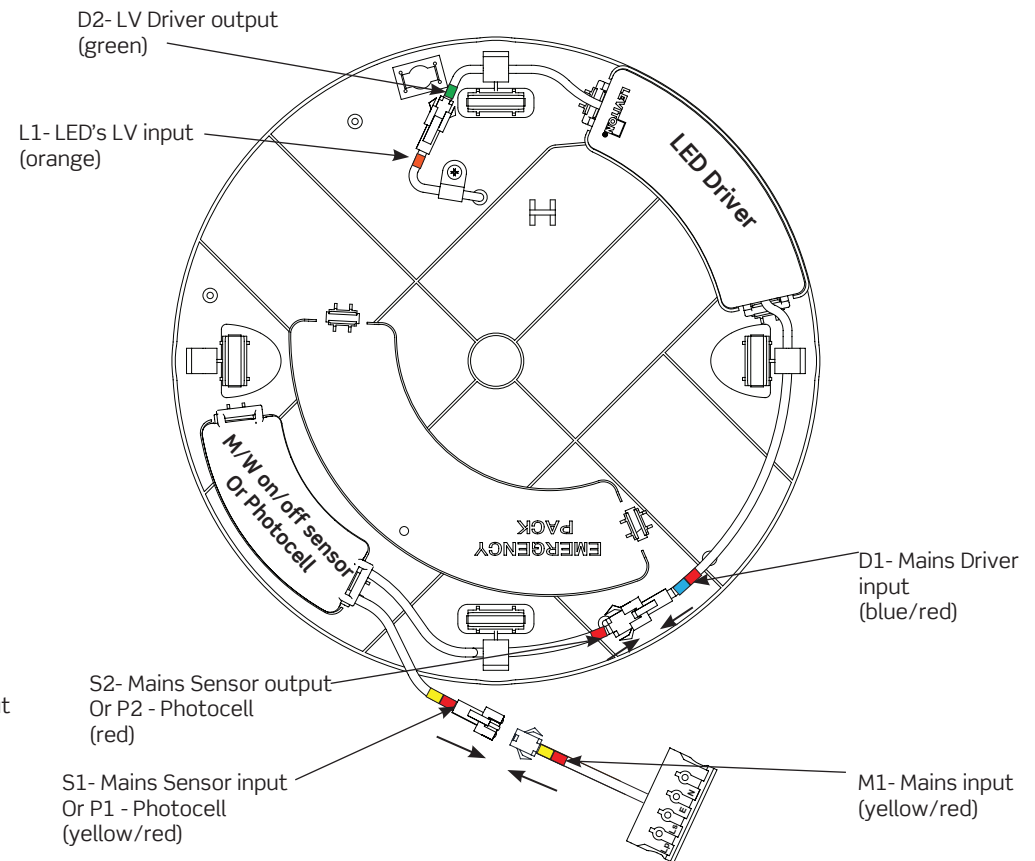
### Standard version connections



Mains supply Input : 220-240V~ 50/60Hz

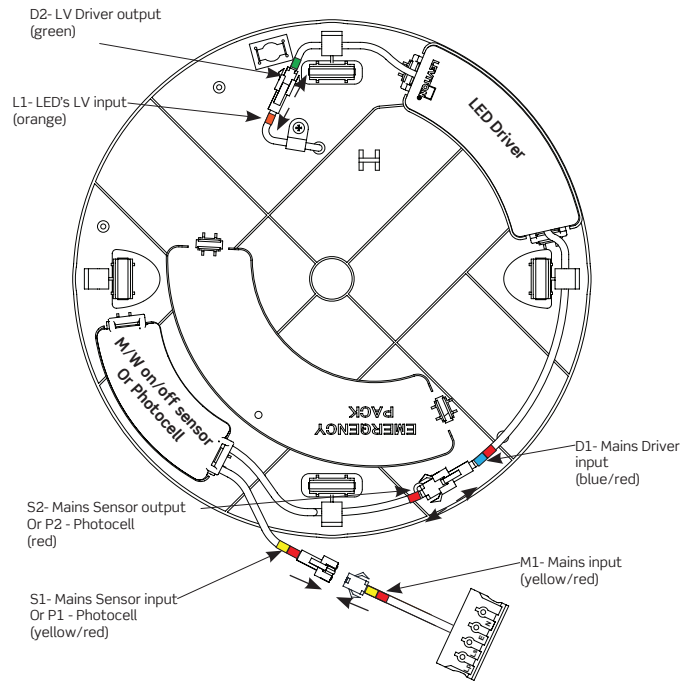
CABLE CODE/COLOUR	ACTION	CABLE CODE/COLOUR
M1 - MAINS INPUT (YELLOW/RED)	DISCONNECT FROM	D1 - DRIVER INPUT (BLUE/RED)
D2 - DRIVER OUTPUT (GREEN)	LEAVE CONNECTED	L1 - LED'S LV INPUT (ORANGE)

### Standard microwave or Photocell version connections



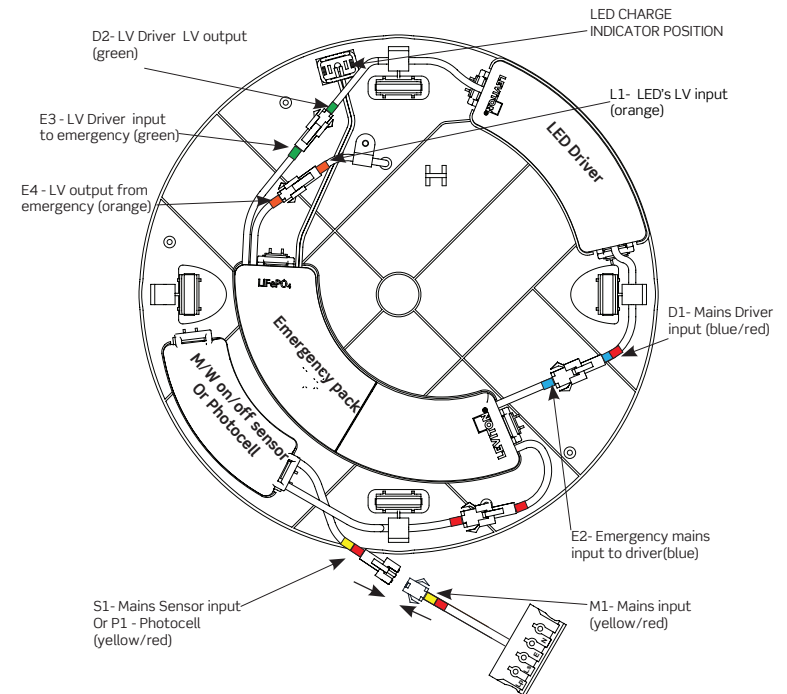
CABLE CODE/COLOUR	ACTION	CABLE CODE/COLOUR
M1 - MAINS INPUT (YELLOW/RED)	CONNECT TO	S1 - SENSOR INPUT (RED/YELLOW)(OR P1)
D2 - SENSOR OUTPUT (RED)(OR P2)	CONNECT TO	D1 - DRIVER INPUT (BLUE/RED)

## Microwave/Photocell Standard version connections



CABLE CODE/COLOUR	ACTION	CABLE CODE/COLOUR
M1- MAINS INPUT(YELLOW/RED)	LEAVE CONNECTED	S1- MAINS SENSOR INPUT(YELLOW/RED)(OR P1)
S2-MAINS SENSOR OUTPUT(RED)(OR P2)	DISCONNECT FROM	D1- DRIVER INPUT(BLUE/RED)
D2-DRIVER OUTPUT(GREEN)	DISCONNECT FROM	L1- LED'S LV INPUT(ORANGE)

## Microwave/Photocell Emergency version connections



CABLE CODE/COLOUR	ACTION	CABLE CODE/COLOUR
M1- MAINS INPUT(YELLOW/RED)	LEAVE CONNECTED	S1- MAINS SENSOR INPUT(YELLOW/RED)(OR P1)
D1-DRIVER INPUT(BLUE/RED)	CONNECT TO	E2- EM MAINS INPUT TO DRIVER(BLUE)
D2- DRIVER LV OUTPUT(GREEN)	CONNECT TO	E3- DRIVER LV INPUT TO EM(GREEN)
L1-LED'S LV INPUT(ORANGE)	CONNECT TO	E4-LV OUTPUT FROM EM(ORANGE)

## Daylight Photocell operation and settings

ON	1	2	3	4	5	6	ON	OFF	1	2	3	4	5	6	ON	OFF	
I	ON	ON	ON	ON	NA	NA	5Lux	55-105Lux	V	ON	-	ON	-	NA	NA	100Lux	150-250Lux
II	ON	ON	ON	-	NA	NA	10Lux	60-110Lux	VI	ON	-	-	-	NA	NA	150Lux	200-300Lux
III	ON	ON	-	ON	NA	NA	25Lux	75-125Lux	VII	-	ON	-	-	NA	NA	200Lux	250-350Lux
IV	ON	ON	-	-	NA	NA	50Lux	100-150Lux	VIII	-	-	-	-	NA	NA	Disable	Disable

## Microwave on/off operation and settings

The distances above refer to ceiling mount, Wall mount maximum mounting height is 2m.

### Detection Area

- I: Up to 3m
- II: Up to 2.25m
- III: Up to 1.5m
- VI: Up to 0.75m

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

### Hold Time

Refers to the time period the lamp remains at 100% illumination after no motion detected.

On	3	4	
I	On	On	5s
II	On	-	90s
III	-	On	5min
IV	-	-	15min

### Daylight Sensor

On	5	6	
I	On	On	Disable
II	On	-	5Lux
III	-	On	15Lux
IV	-	-	50Lux

- I: 2lux (darkness operation only)
- II: 10lux (Darkness operation only)
- III: 25lux (twilight operation)
- IV: 50lux (twilight operation only)
- V: Disable\* (darkness operation only)

\*When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light levels.

ISO9001 - 2015 - Registered Firm Certificate No. GB 1552

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