



Circular LED

Installation Instructions

TPCL1C1
TPCL1C1SEN



Product range

Cat No.	Configuration
TPCL1C1	20 W LED Circular, 240 V a.c., 3K/4K/6K, Dimmable
TPCL1C1SEN	20 W LED Circular, 240 V a.c., 3K/4K/6K, with microwave sensor

For your safety

⚠️ DANGER

HAZARD OF ELECTRIC SHOCK

- It is illegal for persons other than an appropriately licensed electrician or other persons authorised by legislation to work on the fixed wiring of any electrical installation.
- To comply with all safety standards, the product must be used only for the purpose described in this instruction and must be installed in accordance with the wiring rules and regulation in the location where it is installed.
- Hazardous voltage may be present at the wire leads of this product.
- Lock out and tag the input circuit before accessing the wiring connections.**
- There are no user serviceable parts inside the unit.

Failure to follow these instructions will result in death or serious injury.

⚠️ CAUTION

RISK OF BURN INJURIES

During and after use, the product may be hot. Do not touch the product before it has completely cooled down.

Failure to follow these instructions can result in minor injuries, or equipment damage.

Installation Requirements

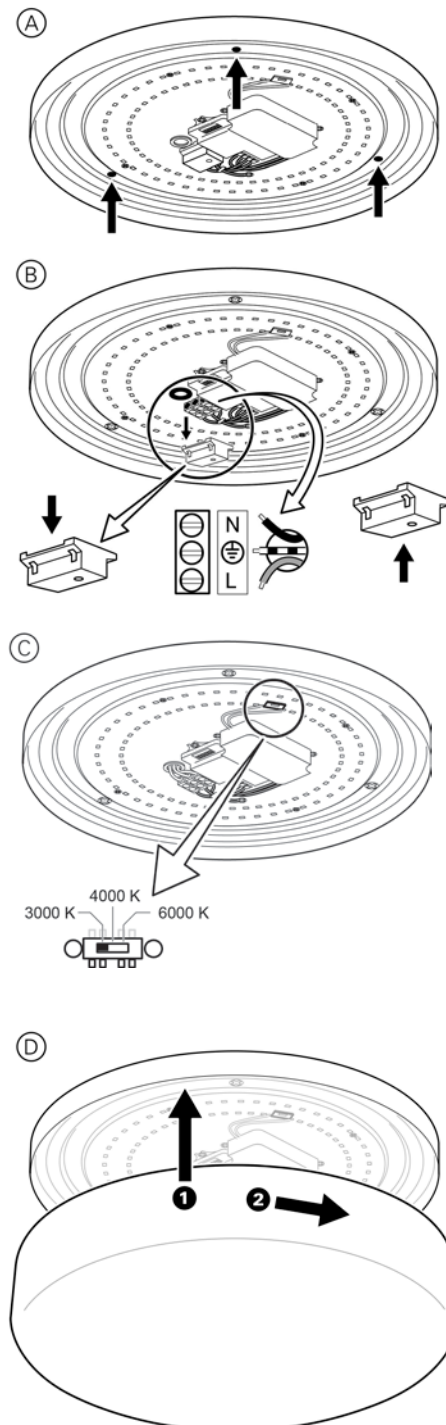
- The product is class 1.
- Check whether the product has been damaged during transport. Do not operate/install any product which appears damaged in any way. Return the complete product to the place of purchase for inspection, repair or replacement.
- Take care not to pull any electrical wires during unpacking as this may damage the connection.
- Isolate the electrical supply before commencing any work on this equipment.
- There are no user serviceable parts inside the product.

Installation Instructions

- Isolate the power supply.
- Remove all packaging material from the product.
- Remove diffuser by twisting anti-clockwise whilst holding the base.
- Use the mounting holes located on the base to mark the hole centres for fixing. (See diagram A)
- Fix the base using the appropriate fasteners.
- Remove the terminal cover, then safely terminate wiring, noting the terminal wiring labels. Replace the terminal cover when done. (See diagram B)
- Set the desired colour temperature. (See diagram C)
- Put diffuser back on by rotating diffuser on clockwise, until cover clicks back into place. (See diagram D)

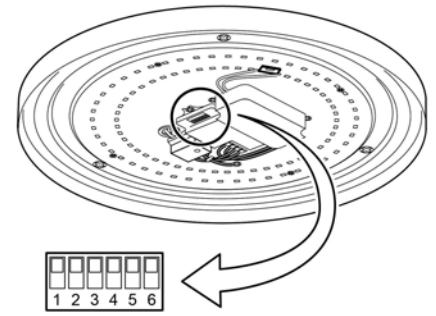
Note: Isolate the power before making any adjustments.

- (TPCL1C1SEN only) Follow the **Commissioning Procedure** and **Sensor Adjustment Procedure** to set the desired detection area, timer setting and LUX setting.



Sensor Adjustment Procedure (TPCL1C1SEN only)

When the power is on, the unit will be able to detect movement within the adjustable sensor range. There are 3 adjustable settings on the unit that allow changes to the light level (LUX), time and detection areas:



This legend describes how to set preferences.
NOTE: Do not attempt to adjust preferences until the power has been isolated.

Detection Area			
	1	2	%
I	●	●	100% (5m)
II	●	○	75% (3.75m)
III	○	●	50% (2.5m)
IV	○	○	10% (0.5m)

Note: Detection ranges are typical for mounting height of 2.4 m.

Timer Setting			
	3	4	
I	●	●	5 s
II	●	○	90 s
III	○	●	5 min
IV	○	○	15 min

Lux Setting			
	5	6	
I	●	●	Disable
II	●	○	High
III	○	●	Med
IV	○	○	Low

Commissioning Procedure (TPCL1C1SEN Only)

Note: When setting time, LUX and detection adjustments keep clear of the field of view when assessing the effect of the adjustment.

- Isolate the mains power supply.
- Set the timer setting.
- Set LUX level setting.
- Set detection setting.
- Place the diffuser back on the base.
- Turn on mains power and allow at least 30 seconds for the unit to stabilise before making any adjustment.
- Walk slowly around the luminaire to confirm it is activated within the desired detection area.
- Repeat steps 1 to 7, if required.

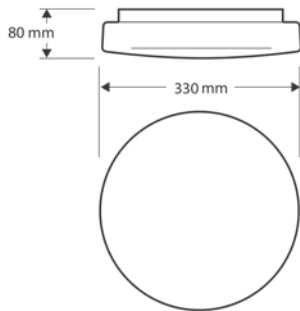
Dimming (TPCL1C1 Only)

This product has been designed to achieve deep dimming performance allowing very low levels of light to provide the perfect atmosphere for all occasions. This product is compatible with Clipsal LED dimming technology. Please refer to Clipsal.com/load for latest dimming compatibility information.

Note: In some regions of the country a slight flicker may be experienced when the luminaire is dimmed. This is due to power line signals sent by the electricity supply authorities to assist with switching utilities, for example hot water services or changing tariff rates. This effect is not a malfunction of the luminaire or dimmer but a result of local installation conditions changing during the day. If this occurs, adjusting the dimmer back to maximum brightness will help minimize such flickering.

Product Specifications

Parameter	TPCL1C1	TPCL1C1SEN
Voltage rating	240 V a.c., 50 Hz	
Total power consumption	20 W	
Lumen output	1300 lm	
Operating Temperature	-10°C to +40°C	
Operating Humidity	+10% to +95% RH (non-condensing)	
Storage Temperature	+10°C to +60°C	
Storage Humidity	+10% to +95% RH (non-condensing)	
Colour temperature	Selectable 3000K/4000K/6000K	
Beam angle	120°	
CRI	80	
IP rating	IP20	
Dimmable	Yes	No
Dimensions	Diameter 330 mm x 80 mm Depth	
Sensor detection angle	NA	360°
Range detection area	NA	0.5 m to 5 m at typical mounting height of 2.4 m
Sensor LUX	NA	Refer to Sensor Adjustment Procedure
Sensor Timer Setting	NA	5s or 90s or 5 min or 15 min



Troubleshooting

Problem	Possible Cause	Possible Resolution
Light turns on for no apparent reason	Momentary power failure	None, unit will reset after a time-out
	Unseen target	Check for dogs, cats or pests
	Extreme draughts	Unit will reset after a time-out
Light turns on during daylight	Wrong LUX setting	Reset according to Commissioning Procedure
Light does not turn on	Wrong LUX setting	Reset according to Commissioning Procedure
Light remains permanently on	Moving source being detected	Remove unwanted source. Light should turn off after time-out. If the light remains on call the installer.

Customer Care

Warranty information (Australia)

We warrant this product for 3 years—visit <https://www.schneider-electric.com.au/en/about-us/legal/terms-and-conditions.jsp> for details.

Our goods also come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Warranty information (New Zealand)

We warrant this product for 3 years—visit <https://www.schneider-electric.co.nz/en/about-us/legal/terms-and-conditions.jsp> for details.

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