

### Safety Information

>All electrical work must be undertaken by a qualified contractor to ensure compliance with latest edition BS 7671 and IEE/IET wiring regulations.

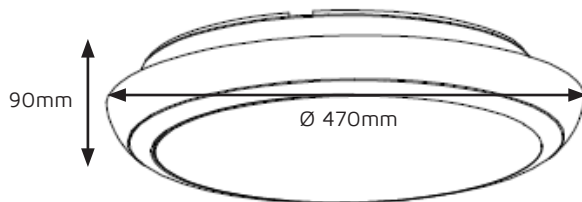
> Before installing a LED IP54 Circular Luminaire or doing any maintenance, ensure power supply is turned off at the circuit breaker or fuse box.

> This product is designed for permanent connection to fixed wiring; the circuit should be protected with the appropriate MCB or fuse.

### Environment

> Please DO NOT dispose of electrical items or packaging as unsorted waste, use the recycling facilities provided by your local authorities.

### PRODUCT DIMENSIONS



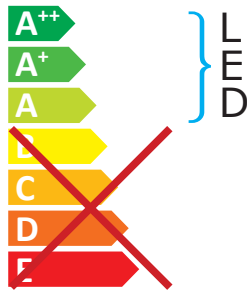
### Important Warranty Information

The LED IP54 Circular Luminaire has a 3 year warranty, which can be extended free of charge to 5 years by registering online via the website address below. The registrant must provide the product part number and date of manufacture, which can be found on the label attached to the luminaire housing.

Manufactured in China by  
Toppo Co. Ltd.  
NET-11-06-XX



This luminaire contains built-in LED lamps.



The lamps cannot be changed in the luminaire.

874/2012



NET LED Ltd.  
Buckingway Business Park  
300 Anderson Road  
Cambridge  
CB24 4UQ  
sales@netled.co.uk  
www.netled.co.uk

Technical Helpline: 01223 851505  
Email: support@netled.co.uk

Drawing No: NET-11-06-IG\_V1  
www.netled.co.uk/downloads



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## LED IP54 CIRCULAR LUMINAIRE INSTALLATION GUIDE

### LED IP54 CIRCULAR LUMINAIRE NET-11-06-XX

#### KEY DATA

Light Source	LED	
Power	14W	20W
Luminous Flux (3000K)	1330lm	1900lm
Luminous Flux (4000K)	1400lm	2000lm
Luminous Flux (5500K)	1330lm	1900lm
Luminous Efficacy	>95 lm/W	
Colour Temperature	3000K, 4000K, 5500K	
Colour Rendering	>80 CRI	
IP Rating	IP54	
Manufacturer	Toppo Lighting	

#### SUPPLY/EARTH CLASS

220-240V AC 50/60 Hz

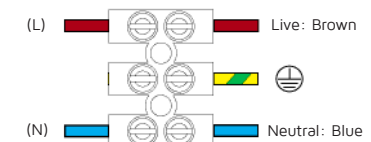
Fig.1 Mains Input Termination



Class II

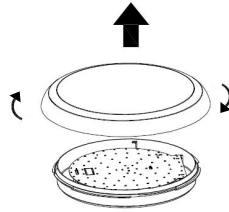
Luminaire

Mains Supply

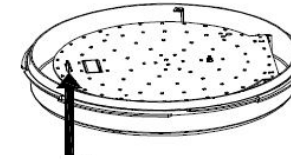


**Installation procedure:** Carefully read the installation instructions and ensure the mains supply is isolated before installation. Please follow the safety information overleaf before carrying out any installation. Please retain this leaflet for future reference.

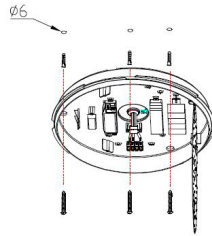
**Step 1:** Remove the Circular Luminaire from the packaging and rotate the diffuser clockwise to remove it from the housing.



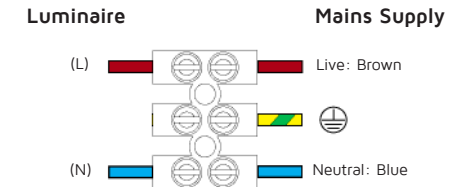
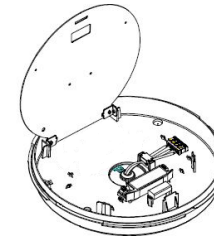
**Step 2:** Push the plastic clip back to open the PCB.



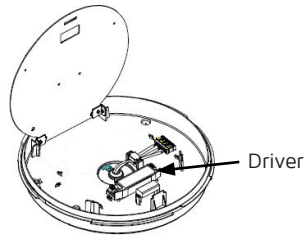
**Step 3:** Feed the cable through the retention grommet, then mount the fitting onto the mounting surface.



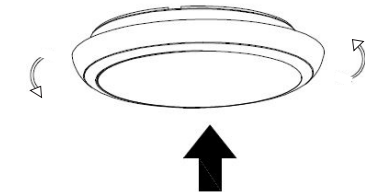
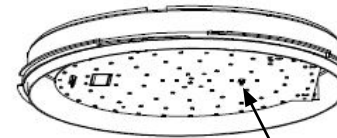
**Step 4:** Connect the input wires according to wiring diagram and secure the cable.



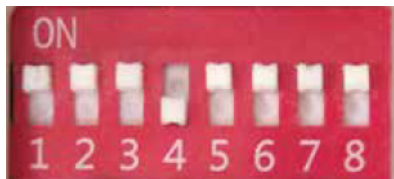
**Step 5:** Select suitable wattage on the driver (see table next to driver). If fitted, set up driver settings for the motion sensor using the table below.



**Step 6:** Close the PCB and select the colour temperature on the PCB switch. Refit the diffuser by aligning it with housing rotate it anti-clockwise. Switch on the mains supply.



**Microwave Motion Sensor Configuration**



Detection area can be changed by selecting the combinations below on the DIP switches. Maximum detection area 12m.			Refers to the time period the lamp remains at 100% illumination after no motion is detected.			The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold. When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level.			Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people. When set to "+ ∞", the low light is maintained until motion is detected. When set to "0s", the light will turn off after hold time.			This is the pre-setting dimming level you would like to have after the hold time in the long absence of people.		
Detection Area			Full Brightness Hold Time			Daylight Sensor			10%/25% Corridor Function Time			Corridor Function Level		
ch1	ON	100%	ch2	ON	5s	ch4	ON	5lux	ch6	ON	0s	ch8	ON	10%
ch1	OFF	50%	ch3	ON		ch5	ON		ch7	ON		ch8	OFF	
			ch2	ON	90s	ch4	ON	15lux	ch6	ON	30s			
			ch3	OFF		ch5	OFF		ch7	OFF				
			ch2	OFF	3min	ch4	OFF	30lux	ch6	OFF	10min			
			ch3	ON		ch5	ON		ch7	ON				
			ch2	OFF	10min	ch4	OFF	Disable	ch6	OFF	+ ∞			
			ch3	OFF		ch5	OFF		ch7	OFF				