

**Skytile®**

Skytile JC72301 Series  
Surface Linear



# Skytile JC72301 Series Surface Linear Installation Guide

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**Skytile®**

**Skytile JC72301 Series Surface Linear**



## **WARNINGS AND CAUTIONS**

- To avoid electric shock, 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
- This luminaire is suitable for indoor use only
- Any broken or damaged parts should be replaced as soon as possible. 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: Isolate the power before starting the installation
- It may be necessary to upgrade your miniature circuit breakers to allow for increased inrush current

## **INSTALLATION INSTRUCTIONS**

**Specifications: Ra: 80**

Product Code	Wattage	Lumens	Colour Temp
JC72301	40W	4200	4700K
JC72301EM	40W	4200	4700K
JC72305	40W	4200	4000K
JC72305EM	40W	4200	4000K
JC73301	40W	4200	5700K
JC73301EM	40W	4200	5700K
JC72302	50W	5100	4700K
JC72302EM	50W	5100	4700K
JC72306	50W	5100	4000K
JC72306EM	50W	5100	4000K
JC73302	50W	5100	5700K
JC73302EM	50W	5100	5700K
JC72303	65W	7100	4700K
JC72303EM	65W	7100	4700K
JC72307	65W	7100	4000K
JC72307EM	65W	7100	4000K
JC73303	65W	7100	5700K
JC73303EM	65W	7100	5700K
JC72304	80W	8450	4700K
JC72304EM	80W	8450	4700K
JC73304	80W	8450	5700K
JC73304EM	80W	8450	5700K

**220-240V~50-60Hz / Class**

1.


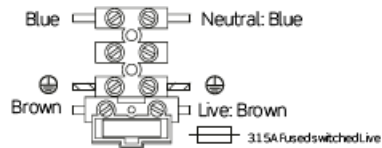
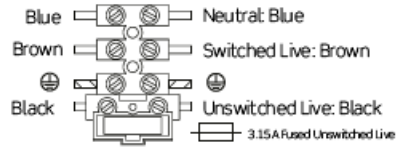
220-240V~50-60Hz / Class I 

Fig.3.

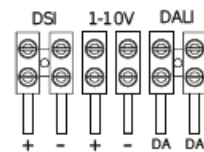
Standard



Emergency



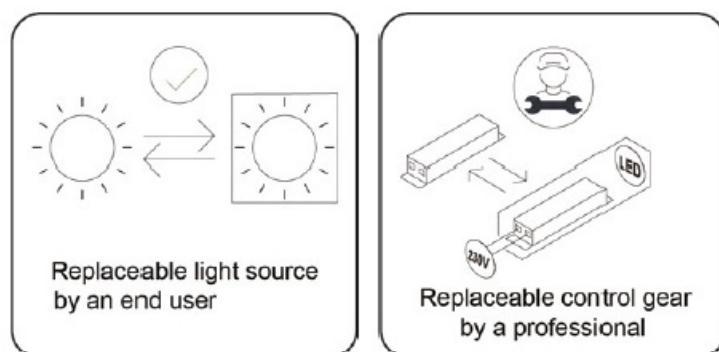
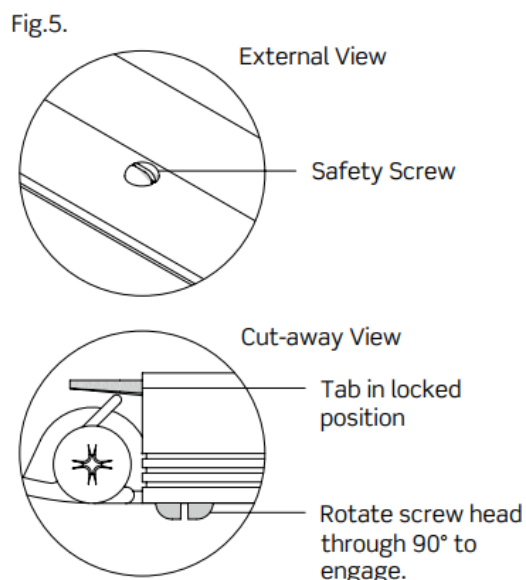
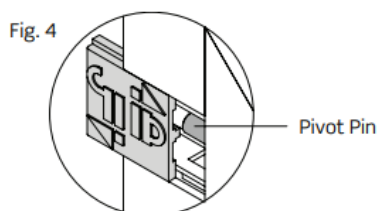
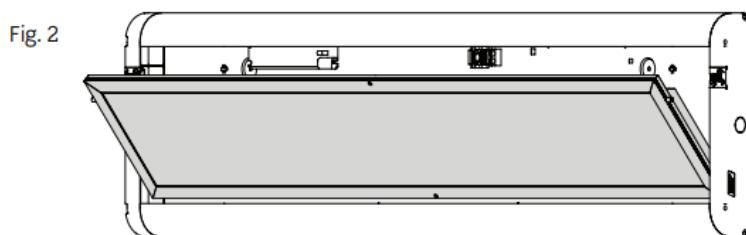
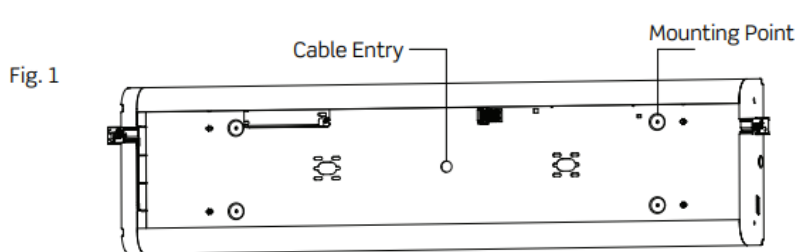
Dimming control connection



Mark and drill mounting holes in the ceiling in a suitable location. Feed mains input cable through the cable entry on the base of the unit (Fig. 1). Secure luminaire to the ceiling and terminate the mains supply and dimming controls as required.(Fig.3.)

2. Locate the panel by sliding the pivot pins into the guides on each end of the luminaire (Fig. 2). Slide the panel along the grooves until the pivot pins are fully home and the panel is able to hinge from one side.
3. Connect the panel to the driver using the plug & play connectors (Fig. 3).
4. Connect the LED Panel Earth lead to the corresponding Earth lead on the main body. Push the panel up into position and hold in place with the securing tabs (Fig. 4).
5. Finally rotate the safety screws situated at each side of the LED panel's mid point to help the panel remains stable. (Fig.5).

Note: Please refer to separate instructions for microwave and step dimmable options.



You can help protect the environment. Please remember to respect the local regulations: hand in the non-working electrical equipment to an appropriate waste disposal centre.

The packaging material is recyclable. Dispose of the packaging in an environmentally friendly manner and make it available for the recyclable material collection service.

Sensor data can be set using DIP switches on the sensor. The settings are as follows:

## Microwave On/Off operation and settings






Detection Area					
I: Up to 8m	On	1	2	3	
II: Up to 6m	I	On	On	On	100%
III: Up to 4m	II	-	On	On	75%
VI: Up to 3m	III	On	-	On	50%
V: Up to 2m	IV	-	-	On	25%
	V	-	-	-	10%

Hold Time					
On	1	2	3		
I	On	On	On	5s	
II	-	On	On	30s	
III	On	-	On	90s	
IV	-	-	On	3min	
V	On	On	-	20min	
VI	-	-	-	30min	

Daylight Sensor					
On	1	2	3		
I: Disable*	I	On	On	On	Disable
II: 50lux	II	On	On	-	50lux
(twilight operation only)	III	-	On	-	30lux
III: 30lux	IV	On	-	-	10lux
(twilight operation only)	V	-	-	-	5lux
IV: 10lux					
(darkness operation only)					
V: 5lux					
(darkness operation only)					

- Note that reducing detection area will also reduce sensitivity.
- Refers to the time period the lamp remains at 100% illumination after no motion 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.

## Microwave Step Dim operation and settings

Detection Area						Hold Time						Standby Period						Standby Dimming Level						Daylight Sensor					
On ↑ 		1	2	3		On ↑ 		1	2	3		On ↑ 		1	2	3		On ↑ 		1	2	3		On ↑ 		1	2	3	
	I	On	On	On	100%		I	On	On	On	5s		I	On	On	On	Disable*		I	On	On	On	50%		I	On	On	On	Disable
	II	-	-	On	75%		II	-	On	On	30s		II	-	On	On	1hr		II	-	On	On	40%		II	On	On	-	50lux
	III	On	-	On	50%		III	On	-	On	90s		III	On	-	On	30min		III	On	-	On	30%		III	-	On	-	30lux
	IV	-	-	On	25%		IV	-	-	On	3min		IV	-	-	On	10min		IV	On	On	-	20%		IV	On	-	-	10lux
	V	-	-	-	10%		V	On	On	-	20min		V	On	On	-	5min		V	-	-	-	10%		V	-	-	-	5lux
							VI	-	-	-	30min		VI	-	-	-	5sec												

1. Up to 8m
2. Up to 6m
3. Up to 4m
4. Up to 3m
5. Up to 2m

- Note that reducing detection area will also reduce sensitivity.
- Refers to the time period the lamp remains at 100% illumination after no motion detected.
- Refers to the time period the lamp remains at a low light level before it completely switches off in the long absense of people.
- Refers to the low light level you would like to have after the hold time in the long absense of people.
- 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 the ambient light level.

### Emergency range routine inspection and test

- All tests must be undertaken at times of least risk and in accordance with EN 50172:2004 as indicated below:
- Daily: Indicators of central power supply shall be visually inspected for correct operation.
- Monthly: (in addition to the daily check) If automatic testing devices are used, the results of the short-duration tests shall be recorded. Test shall be carried out as follows:
- Switch the luminaire over to emergency mode to operate from the batteries by simulating a failure of supply to the normal lighting for a period sufficient to ensure correct luminaire operation
- NOTE: The period of simulation failure should be sufficient for the purpose of this clause whilst minimising damage to the system components e.g lamps. During this period, all luminaires and signs shall be checked to ensure that they are present, clean and functioning correctly.
- At the end of this test period, the supply to the normal lighting should be restored and any indicator lamp or device should b checked to ensure that is showing that the normal supply has been restored.
- Annually: If automatic testing devices are used, the results of the short-duration tests shall be recorded.
- For all other systems the monthly inspection shall be carried out and the following additional tests made:
- Each luminaire and internally illuminated sign shall be tested monthly as above but for its full duration in accordance with the manufacturer's information.
- The normal supply for the luminaire should be restored and any charge indicator lamp or device should be checked to ensure that it shows the normal supply has been restored.
- The charging arrangements should be checked for proper functioning.
- The date of the test and its results shall be recorded in the system logbook.
- A copy of this report must accompany any fitting returned to the manufacturer for any reason.

## General Information

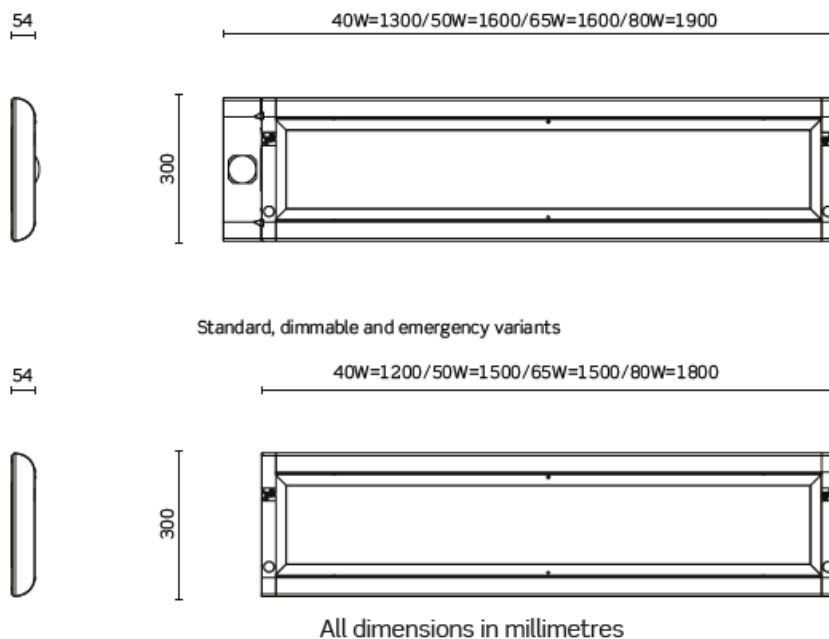
Our products are designed to comply with the requirements of UK law and the relevant industry national and international standards and should not be modified in any way. All emergency lighting systems should comply with the recommendations of BS5266-1: Code of Practice for the Emergency Lighting of Premises and be installed by competent engineers in accordance with the relevant wiring regulations. Before installing any type of Emergency Lighting always seek the advice and approval of the local Fire Prevention Officer (or equivalent authority).

## Maintenance

Failed or faulty light sources connected to this equipment should be replaced immediately. These units are designed especially for a long and trouble-free life. Under normal conditions, will require no routine maintenance or service beyond the inspection and test regime of BS5266-1.

Both mains supply and battery protection fusing is incorporated internally. Should access to these or any other part of the circuitry be required this must be undertaken only by suitably qualified person. Special care must be taken when removing the cover to circuitry and battery. Only replacement components authorised by the company must be used. Disposal of replaced components should be in accordance with the component manufacturers' instructions.

## Profile & Dimensions



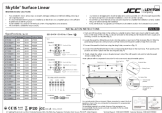
## Important warranty information

This product is supported by a 2-year standard warranty which will extend to 5-years if registered within the first year of purchase. (2 year on batteries). Please register at [jcc.co.uk/warranty](http://jcc.co.uk/warranty) (Terms and conditions apply). The installer will be asked to provide the following information, which is detailed on a label attached to the luminaire's chassis: Product Code/Date Code.

Month	Test Type	First Year		Second Year		Third Year		Fourth Year		Fifth Year	
		Sign	Date	Sign	Date	Sign	Date	Sign	Date	Sign	Date
January	Functional										
February	Functional										
March	Functional										
April	Functional										
May	Functional										
June	Functional										
July	Functional										
August	Functional										
September	Functional										
October	Functional										
November	Functional										
December	3 hour										

JCC Lighting Products Ltd. Lux Park, Chichester Business Park, City Fields Way, Tangmere, Chichester, West Sussex, PO20 2FT, United Kingdom Technical Support: +44(0)1243 838986 Customer Services: +44(0)1243 838999

## Documents / Resources

	<p><a href="#">Skytile JC72301 Series Surface Linear</a> [pdf] Installation Guide</p> <p>JC72301, JC72301EM, JC72305, JC72305EM, JC73301, JC73301EM, JC72302, JC72302EM, JC72306, JC72306EM, JC73302, JC73302EM, JC72303, JC72303EM, JC72307, JC72307EM, JC73303, JC73303EM, JC72304, JC72304EM, JC73304, JC73304EM, JC72301 Series Surface Linear, JC72301 Series, Surface Linear, Linear</p>
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## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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