

TEKNIK

LIGHTING SOLUTIONS

[SENTRY]

LED FLOODLIGHT

USER MANUAL

FS-100DT2

FS-150DT2

FS-200DT2-W



Teknik Lighting Solutions Pty Ltd

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INTRODUCTION

Thank you for selecting the [SENTRY] LED Floodlight. Please ensure that the luminaire is installed in accordance with the below instructions. **Teknik Lighting Solutions Pty Ltd** assumes no responsibility for inappropriate use or installation of the product, including any associated damage caused.

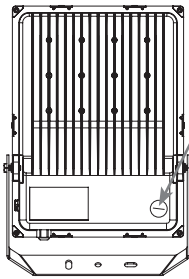
PRECAUTION

1. Read the entire manual carefully before installation and operation.
2. The Warranty Period is five (5) years. Teknik will repair or replace the product if it fails or becomes defective during normal use within the prescribed warranty period.
3. Designed for industrial and commercial use.
4. The lifetime of the product is affected when it is used in a fully enclosed fixture.
5. Installation must be performed by a licenced and qualified electrician.
6. Use solid copper wire of 18 AWG (minimum) for the input terminal extension, and 20 AWG (minimum) for the output terminal extension.
7. Do not change or tamper with any internal electric circuits or wiring, connectors or cables for any reasons.
8. Do not insert foreign objects into the product. This may result in electric shock, malfunction or damage to the products.
9. When in operation the luminaire temperature may reach up to 60°C.
10. Teknik accepts no liability for any injuries or damages resulting from the incorrect use of the lamp or use of the lamp in combination with inappropriate equipment.
11. Luminaire is non-dimmable.
12. For further information, please contact Teknik Lighting Solutions or your local distributor.
13. This product has no user serviceable parts. If any part is damaged, disconnect from mains and discontinue use.
14. Warning: Luminaire marked as NON-IC according to AS/NZS60598-2.2. Not suitable for use on residential properties. **DO NOT COVER OR ABUT.** Any insulation material must be positioned at a minimum distance of 100 mm from the fitting.
15. Do not cover the light.
16. The warranty shall exclude modifications to the product, incorrect installation and use outside of the intended scope.

SPECIFICATIONS

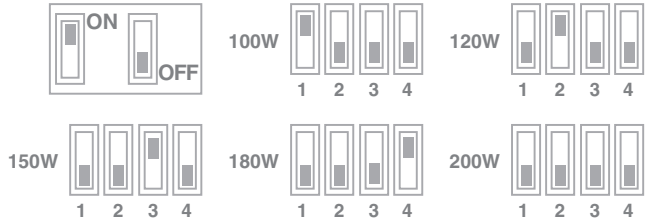
Input Voltage	90-305 VAC ~ 50/60Hz		
Power	100W	150W	200W-100W
Lumen Output	13000lm	19500lm	26000lm-13000lm
Colour Temp	5000K		
CRI	>70		
Beam Angle	Asymmetric T2		
Connection	Flex and plug (1.2m)		
Net Weight	2.7kg	3.2kg	3.8kg
Lifetime	≥50,000 hours		
IP Rating	IP65		
Dimensions	285(L) x 50(W) x 302(H)	285(L) x 50(W) x 352(H)	285(L) x 50(W) x 415(H)

WATTAGE SWITCHABLE FUNCTION: FS-200DT2-W ONLY

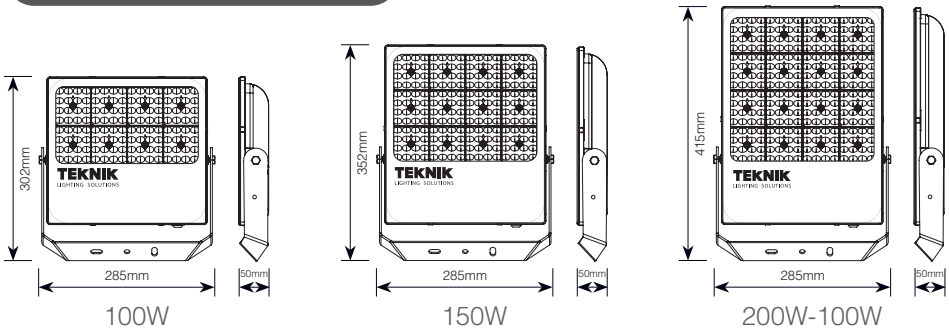


Locate the Wattage Switch box as per the dimensional drawing below. To access the switches, use a large screwdriver or coin to open the box.

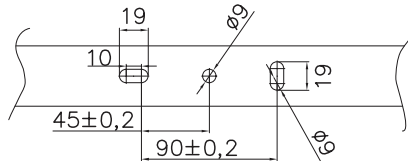
Wattage Switch Box



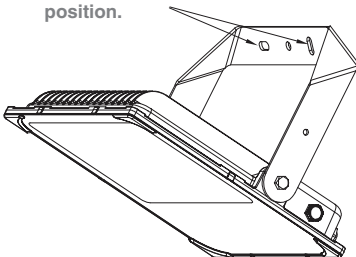
DIMENSIONAL DRAWINGS



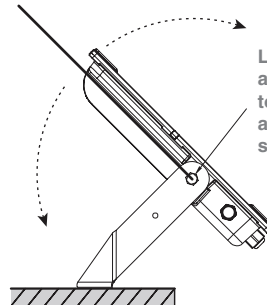
INSTALLATION



Fix M8 screws to mounting position.



Loosen screws, adjust the bracket to appropriate angle and then lock screws.



WIRING DIAGRAM

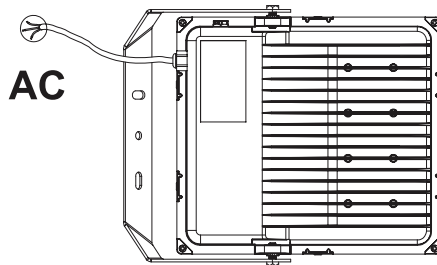
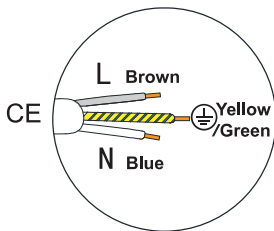
Terminal block is not included. To ensure that the product meets the protection level requirements, the luminaire must be connected to terminal block with IP66 degree or above.

The terminal block shall be conformed to IEC/EN 60998-2-1 or IEC/EN 60998-2-2 and have the following specifications:

- Screw terminal block with 3 holes
- Suitable for 1.0-2.5 mm² wire

Installation must be performed by a qualified person:

- Brown wire must be connected to L pole
- Blue wire must be connected N pole
- Yellow green wire must be connected earth pole



DISCLAIMERS

1. This product must be installed and used as per these instructions.
2. This product contains no serviceable parts and no attempt should be made to repair this product. If the product is faulty it should be discarded.
3. This product is not suitable for installation in hazardous and/or corrosive areas.
4. Electrical installations periodically receive transient over voltages. This product has been designed to minimise the effect of such voltages on connected equipment. It may not give full protection for extreme over-voltage transients such as those resulting from a close lightning strike.
5. This product utilises intellectual property in the form of registered designs, trademarks, and/or patents. Such intellectual property remains the property of Teknik Lighting Solutions Pty Ltd in all cases.
6. This product has been designed to operate in ambient temperatures -20°C to + 40°C.

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