

# TEKNIK [TITAN] GEN 2 LED FLOODLIGHT

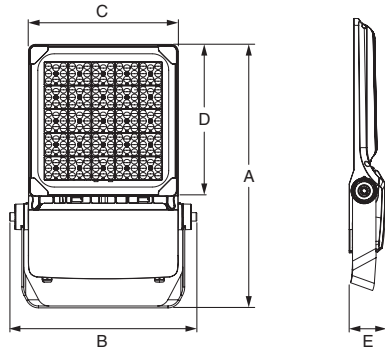


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Please ensure that the luminaire is installed in accordance with the below instructions. Teknik Lighting Solutions Pty Ltd assumes no responsibility for inappropriate use or installation of the product, including any associated damage caused.

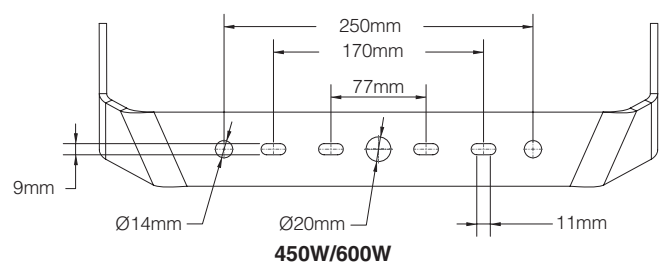
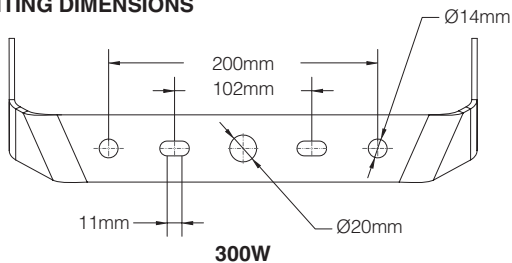
- Electrical Safety:** Not a DIY product. Ensure the fitting is installed by a qualified electrician in compliance with relevant Australian Standards (AS3000) and local regulations (where applicable). Always turn off the power supply before installation, maintenance, or cleaning.
- Compatibility:** Verify that the fitting is compatible with the existing power supply, mounting structure and dimmer systems, if applicable. Using incompatible equipment may result in damage or reduced performance.
- Damage Check:** Inspect for damage before installation. Do not use fittings with visible damage to wires, housing, or components.
- Avoid Modifications:** This product is intended for use in accordance with its specifications and installation guidelines. Any use outside these parameters is at the user's risk. Do not alter or tamper with the fitting. Unauthorised modifications can compromise safety and void the warranty.
- Switch Cycles:** Good design practice does not encourage 24/7 continuous operation of lighting products without a routine switching or regulatory test cycle. For extended use, limit operation to 12 hours per day for industrial/commercial applications and 6 hours per day for residential applications.
- Disposal:** Dispose of fittings responsibly in accordance with local recycling and disposal regulations. LEDs contain electronic components that may require special handling.
- Liability Limitation:** TEKNIK shall not be held liable for incidental, indirect, or consequential damages resulting from the use or inability to use this product.
- Intellectual Property:** 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.

## DIMENSIONAL DRAWING



	A mm	B mm	C mm	D mm	E mm	Weight kg
300W	580	400	308	316	80	7.5
450W/600W	750	500	400	410	80	13.5

## MOUNTING DIMENSIONS

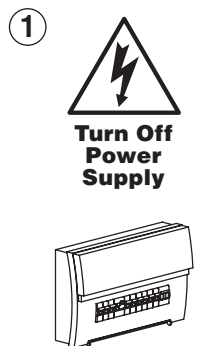


## MAXIMUM CONNECTED LUMINAIRES

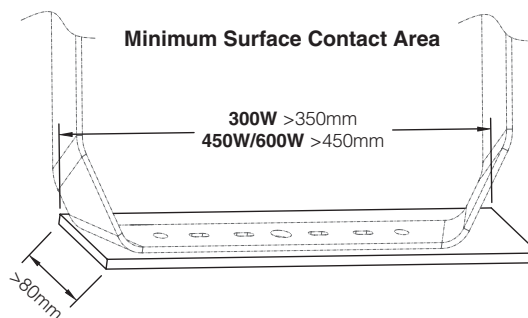
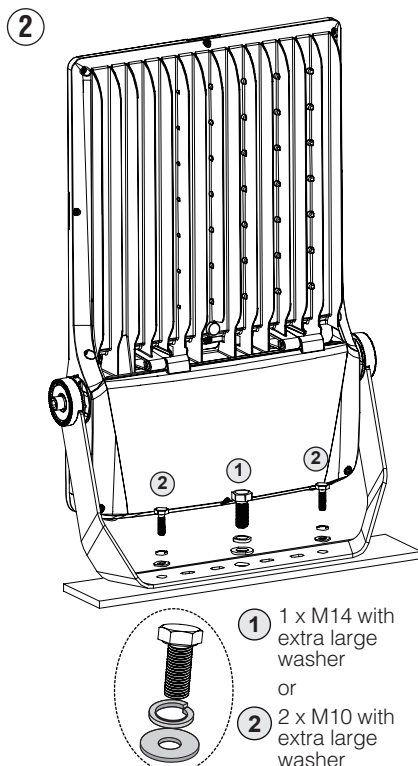
	Inrush Current		MCB (230VAC 50Hz)										
	(A)	T50 (µs)	Type A 16A	Type A 20A	Type B 10A	Type B 16A	Type B 20A	Type B 25A	Type C 6A	Type C 10A	Type C 16A	Type C 20A	Type C 25A
300W	97.7	360	2	2	2	3	4	5	2	3	5	7	9
450W	84.8	220	2	2	2	3	4	5	2	3	5	7	9
600W	97.7	360	1	1	1	1	2	2	1	1	2	3	4

## INSTALLATION

**Note:** At least 1m distance should be kept from surrounding walls, floor and ceiling for all types of installation/inclination.



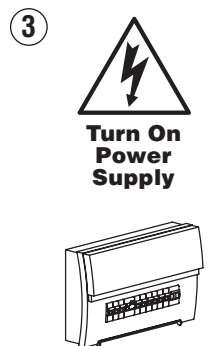
Disconnect power to the circuit.



### Minimum Screw Requirement

**Min. fastener requirement** 1 x M14 8.8 or A2-70  
DIN9021 large plain washer

**Tightening torques** 1 x M14: 140 Nm  
2 x M10: 60 Nm

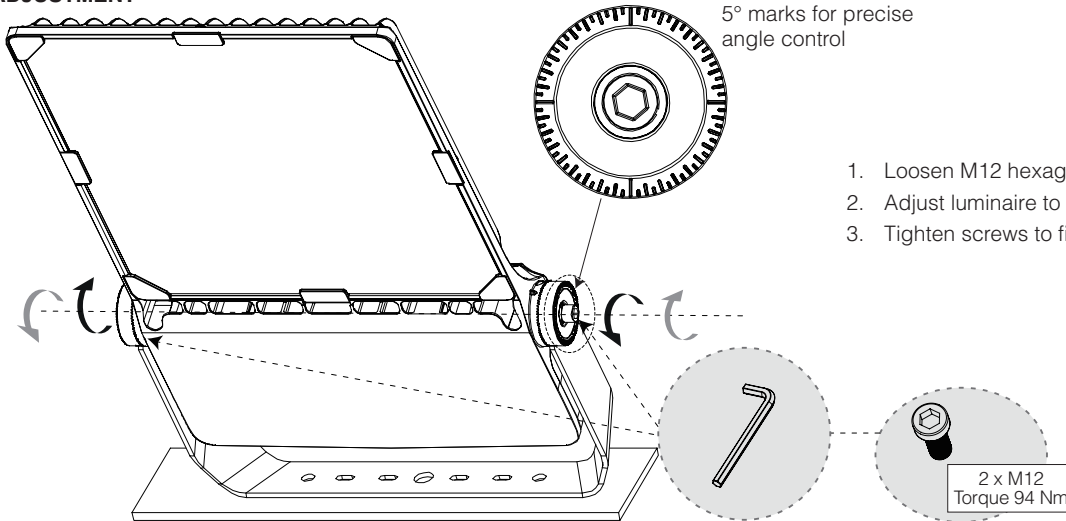


Connect power to the circuit.



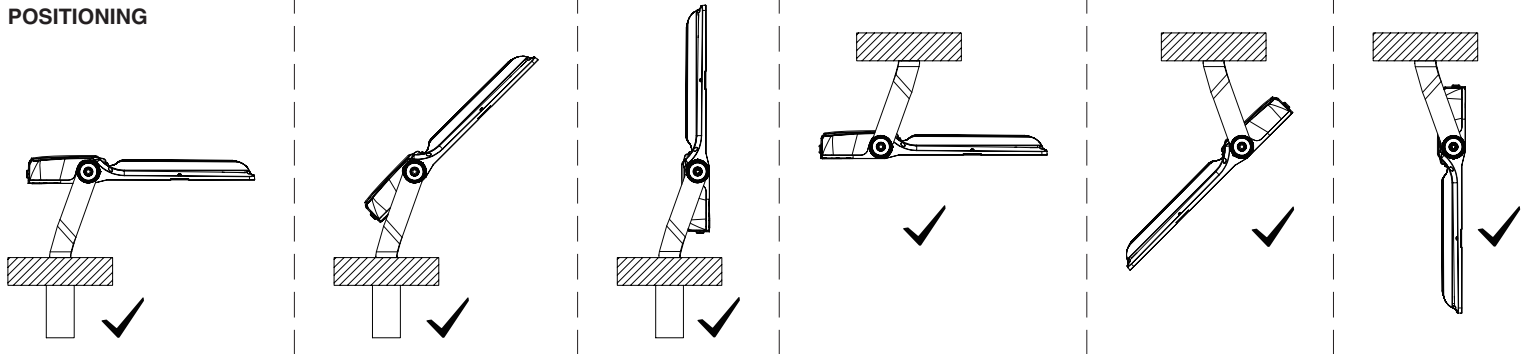
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## ANGLE ADJUSTMENT

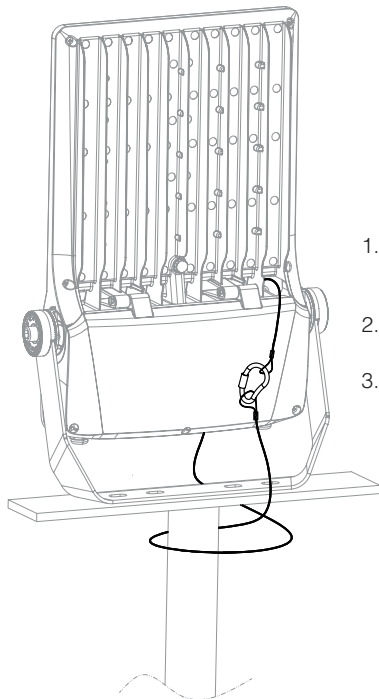


1. Loosen M12 hexagon head screw with wrench.
2. Adjust luminaire to desired angle (0-180°).
3. Tighten screws to fix the luminaire.

## POSITIONING



## SAFETY CABLE

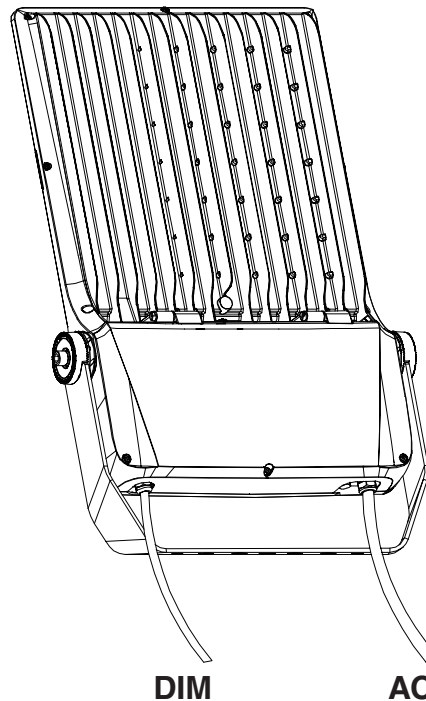


1. Pass the steel safety cable through the holes shown in the drawing in sequence.
2. Connect the two ends with the lock buckle.
3. Tighten the lock bolt by hand.

### Safety Notes:

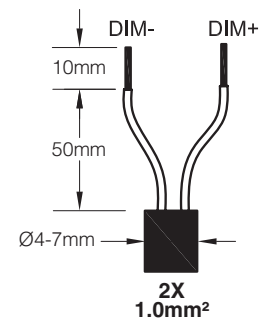
1. No sharp edges on the interface (bracket or hole) of mounting side.
2. The safety chain must be replaced immediately if any of the below scenarios occur:
  - a. The safety chain was stretched at any time due to luminaire falling;
  - b. Part of steel wire is broken or frayed;
  - c. The safety chain is designed to protect the luminaire from falling, but the luminaire should not be suspended for a long time.
3. For installations over 3m height, a secondary safety system application, that is appropriate for the luminaire load, is mandatory, eg: safety cable.

## WIRING



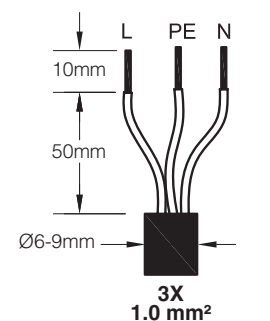
### Interface to 0-10V/DALI Control

Connector ID	Colour
DIM+/DALI1	Brown
DIM-/DALI2	Blue



### Interface to Power Cable

Connector ID	Colour
L	Brown
N	Blue
GND	Yellow/Green



### Warning:

Waterproofing is needed for cable connection. Without proper waterproofing, water ingress will cause luminaire to short circuit or fail. Waterproof connection box rated IP66 or higher is recommend.