Electrical information:

Article number	**146-372**		
Housing colour	Grey		
Power Consumption (W)	100W / 150W / 200W		
Optic (standard)	Asymmetrical 100°x60°		
Input Voltage	220-240VAC, 50 / 60 Hz		
Power Factor	>0.95		
THD	<20%		
Surge Protection	10kV line-line, 10kV line-earth		
Driver Type	Constant current (CC)		
Control	Power and CCT selectable, light sensor		
Qty fixtures per circuit breaker	**B16**	**B25**	**C25**
	3	6	10

Optic information:

LED Type		SMD 2835		
		100W	**150W**	**200W**
Luminous Flux	3000K (lm)	13672	20508	27144
	4000K (lm)	14572	21860	29144
	5000K (lm)	14098	21148	28196
	Efficacy 4000K (lm/W)	151	150	148
Correlated Color Temperature	3 CCT Selectable (3000K, 4000K, 5000K)			
Color Rendering Index	Ra80			

Measurements:

Measurement (mm)	474x410x61
Luminaire Net Weight (kg)	5.5
Carton Size (mm)	500x440x95
Gross Weight (kg)	6.5
Material	Aluminum alloy
	PC cover
Finish	Powder coating
IK Rating	IK08
IP Rating	IP66
Category of corrosion	C4 (ISO 9223:2012)

* The tolerance for weight is ±6%

Lifespan and Warranty

Operating Temperature (°C)	-30 to +50
Lifespan of LED @Ta=25°C (hours)	L90-30,000
	L80-87,500
	L70-138,000
Warranty (years)	5

Terms and symbols (as relevant to product)

CE The **CE mark** indicates that this product complies with EU regulations on safety, health and environmental protection;

The **WEEE symbol** stands for "Waste Electrical and Electronic Equipment Regulation," a directive on the collection, recycling and recovery of electronic waste;

The **Class I** symbol indicates that this product is protected by means of the additional ground cable. This cable is identified by the yellow/green jacket and is attached to this product.

TRONIX

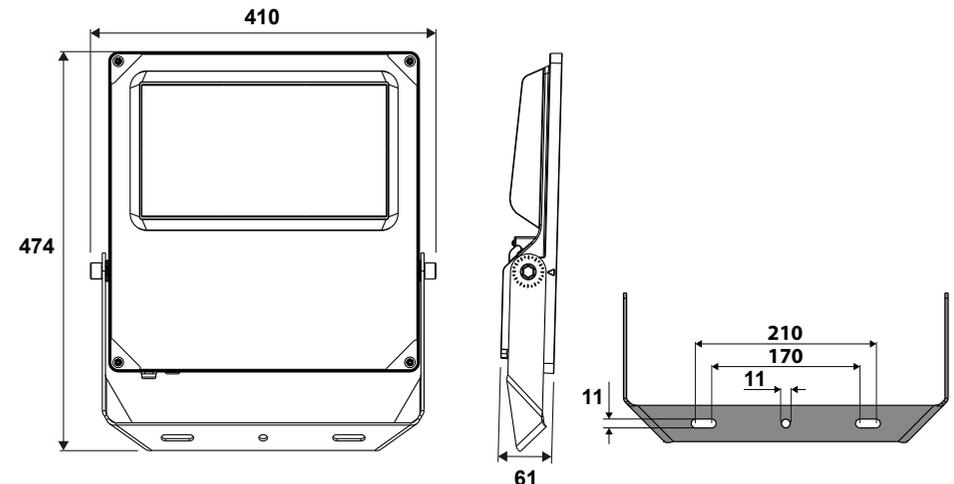# Instruction manual floodlight 146-372

Safety warnings before installation:

- Installation must be carried out by a qualified electrician in accordance with local regulations.
- Disconnect the power supply before installation, maintenance or replacement.
- Ensure the product is connected to the correct voltage (AC 220–240V, 50/60 Hz).
- Do not exceed the maximum load.
- Suitable for outdoor use (IP65); ensure all seals and cable entries are properly closed.
- Do not install the floodlight near flammable materials or in explosive environments.
- Use appropriate waterproof connectors for outdoor wiring.
- Avoid looking directly into the LED light source when switched on.
- Always ensure proper grounding.
- Do not open or disassemble the fixture; there are no user-serviceable parts inside.
- If the housing, lens or cable is damaged, do not use the product.

Product highlights:

Versatile 200W LED floodlight with adjustable power (100W / 150W / 200W) and selectable colour temperature (3000K / 4000K / 5000K) – ideal for flexible outdoor lighting design.

Equipped with an asymmetrical lens for optimised forward light distribution, making it perfect for illuminating façades, pathways, signage, and outdoor areas without rear light spill.

Features an integrated light sensor with two selectable activation levels, which can also be disabled if required.

Robust IP65 aluminium housing with tempered glass for long-lasting, weatherproof performance. Flicker-free light output and uniform beam. Easy to install with adjustable bracket.

Suitable for both residential and light commercial applications. One product, multiple configurations – reduces stock while offering maximum flexibility on site.
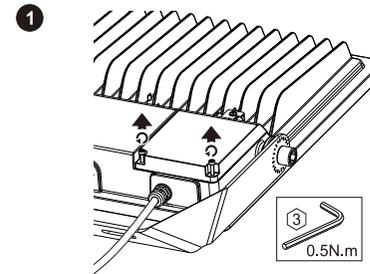
Dimensions (mm)

Installation:

This is not an included accessory and need to sourced seperately.

Recommended screw size: M10

Adjustment of the fixture
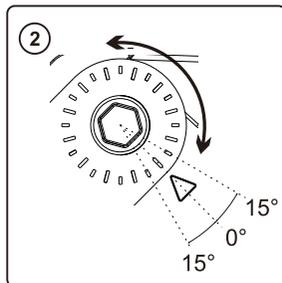
① 29 N.m.

② 15° 0° 15°

135° 0° ✓

90° 0° ✓

✗
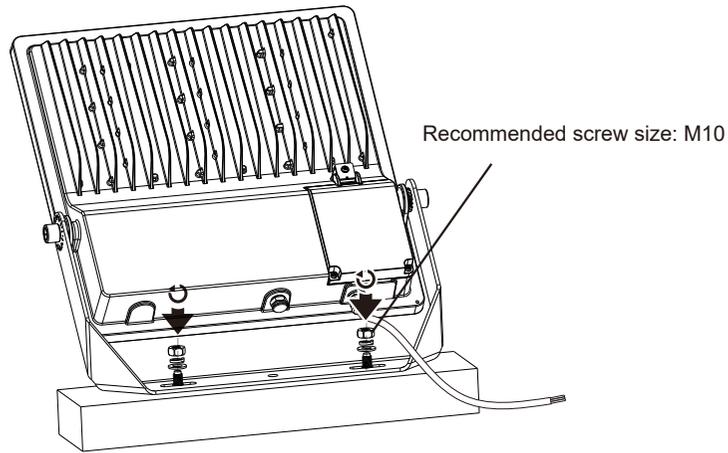
Setting the power, colour and daylight sensor

① ③ 0.5N.m

②

Power		
100W	150W	200W

*default is 200W

Daylight Sensor			
ON	25lux	200lux	Disable
OFF	75lux	600lux	

*default is Disable

Colour		
3000K	4000K	5000K

*default is 3000K
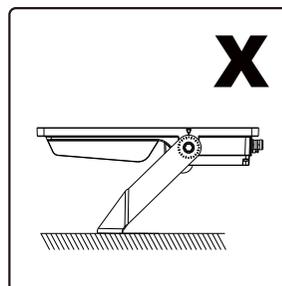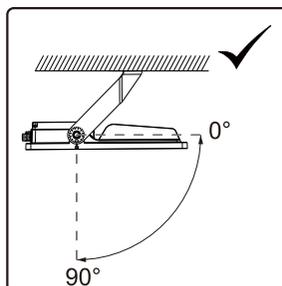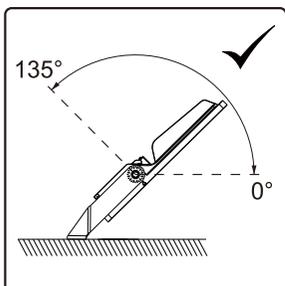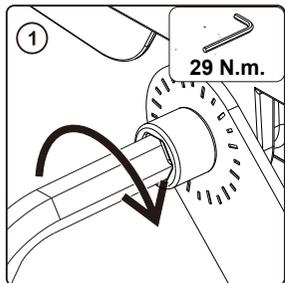
Settings daylight sensor (default is off)

25-75lux

75lux

25lux

Natrural light

Light OFF

Light ON

200-600lux

600lux

200lux

Natrural light

Light OFF

Light ON