



Modular Floodlight

480W

*External 10kV Surge Protectors are included with all our Modular Floodlights from July 2022 onwards.

Applications:

Residential and Commercial Applications.

- Coastal Grade 1100 coastal powder coated aluminium frame with 1060 pure aluminium radiating modules and hollowed out rivets serving as a heat sink.

- 316 3-part stainless steel bracket designed to decrease installation time whilst preventing rust and corrosion.

- High Power Lumileds 5050 SMD Chips with an efficacy of 160lm/W.

- 20°/90°/140°x100° (asymmetrical beam angle) optics available. (Standard @ 90°).

- 270° rotatable bracket with each module being able to tilt independently reducing light spillage.

- Built in 10kV surge protection allowing for use within the most demanding environments.

- Resistant to UV rays with a wide operating temperature of -40°C to 50°C.

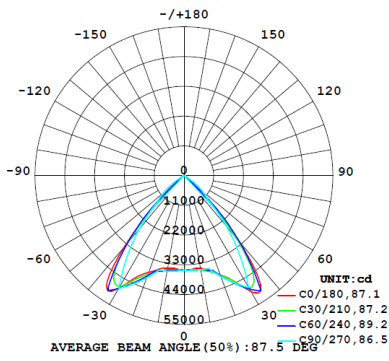
Product Performance

| | |
|--|---|
| Wattage | 480W |
| Colour Temperature & Stock Code | 5700K 90D - F025 5700K 20D - F026 |
| Operating Temperature | -20~40°C |
| Life Span/ LB Rating | L80B20>50000H |
| IP Rating | IP65 |
| LED Driver Brand | Mean Well |
| Beam Angle | 90° or 20° |
| Impact Protection Grade | IK10 |
| Input Voltage | 90V- 305V |
| Surge Protection | 10kV |
| Power Factor | 0.95 |
| CRI | >83 |
| Lumen Output | 76 800 |
| Lumen Efficiency | 160lm/W |
| LED Chips | Lumileds 5050 |
| LED Chips Qty | 184 |
| Dimmable | Non-Dimmable |
| Dimmable Range | - |
| (Dali/Trailing/Leading) | - |

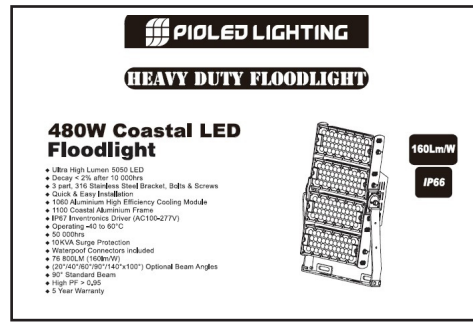
Physical Characteristics

| | |
|--------------------------------|------------------------------------|
| Weight (kg) | 11 |
| Housing Material | Pure Aluminium |
| Product Dimensions (mm) | H 597 x L 369 x W 132 |
| Cable Length | 0.3 |
| Mounting Option | - |
| Bracket Material | 316 3-part Stainless Steel Bracket |
| Bolts and Screws | 316 Stainless Steel |

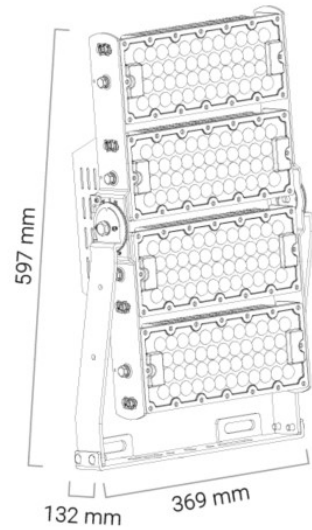
Luminous Intensity Distribution Diagram



Packaging



Dimension Drawing



Technical Parameters

| | |
|---------------------------|-----------------------|
| Input Current | 2400mA |
| Output Voltage | 48 |
| Flicker Free (Y/N) | Yes |
| Humidity | 40%~80% |
| Frequency | 47-63hz |
| In Rush Current | 120A MeanWell |
| Output Current | 9.2A |
| THD | <20% |
| TA & TC | TA=-20 ~45 °C/TC=65°C |
| IES (Yes or No) | Yes |

Regulatory Qualifications

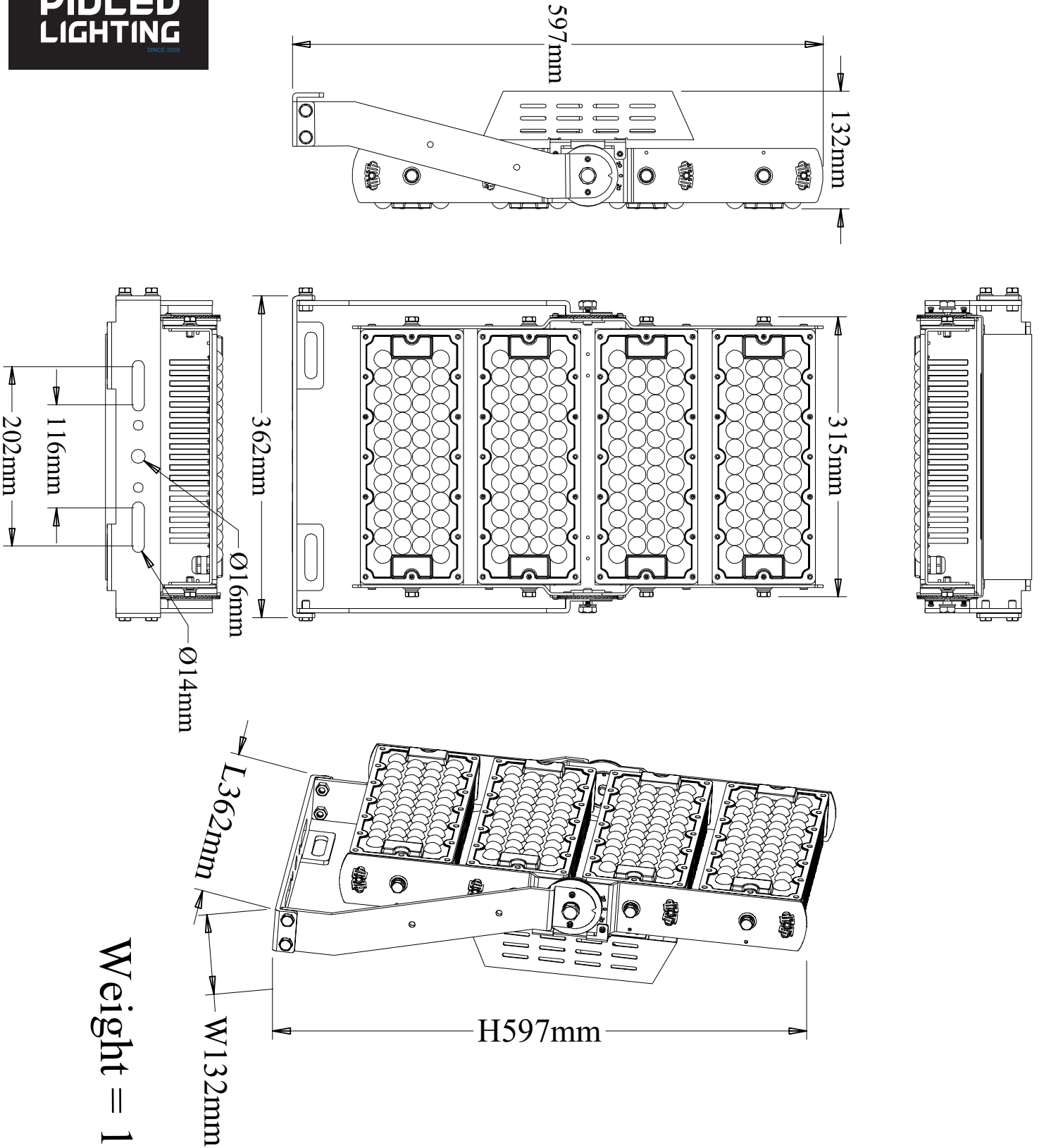
| | |
|--------------------------|----------------------------------|
| Class Rating | Class I |
| Energy Efficiency | A |
| Certification | CE, EMC, IEC60958, RoHS, ISO9001 |

Accessories

| | |
|-----------------------------|---|
| Optional accessories | 20° lens x 4/set - D025A 140*100° lens x 4/set - D025B 20° lens x 1(F025 to 29) - F025A 140*100° lens x 1(F025 to 29) - F025B |
|-----------------------------|---|

Packaging info

| | |
|-------------------------|-------------|
| Storage Temp | -40~+60°C |
| Carton Size (mm) | 647*424*183 |
| QTY/CTN | 1 |
| Net Weight | 9.6 |
| Gross Weight | 10.8 |



Weight = 11kg