Modular Floodlight

240W

*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 Philips 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.

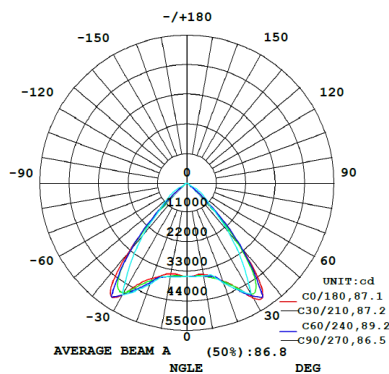• Resistant to UV rays with a wide operating temperature of -40°C to 50°C.

Product Performance	
Wattage	240W
Colour Temperature & Stock Code	5700K - **F029**
Operating Temperature	-20~40°C
Life Span/ LB Rating	L80B20>50000H
IP Rating	IP65
LED Driver Brand	Mean Well
Beam Angle	90°
Impact Protection Grade	IK10
Input Voltage	90V- 305V
Surge Protection	10kV
Power Factor	0.95
CRI	>83
Lumen Output	38 400
Lumen Efficiency	160lm/W
LED Chips	Philips 5050
LED Chips Qty	92
Dimmable	Non-Dimmable
Dimmable Range	-
(Dali/Trailing/Leading)	-
Physical Characteristics	
Weight (kg)	5.3
Housing Material	Pure Aluminium
Product Dimensions (mm)	H 343 x L 362 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


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              -/+180
        -150          150
    -120                  120

  -90                        90

    -60                    60
                             UNIT:cd
    -30              30
                             C0/180,87.1
         0                   C30/210,87.2
                             C60/240,89.2
    AVERAGE BEAM A           C90/270,86.5
    NGLE    (50%):86.8 DEG
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Packaging

Dimension Drawing
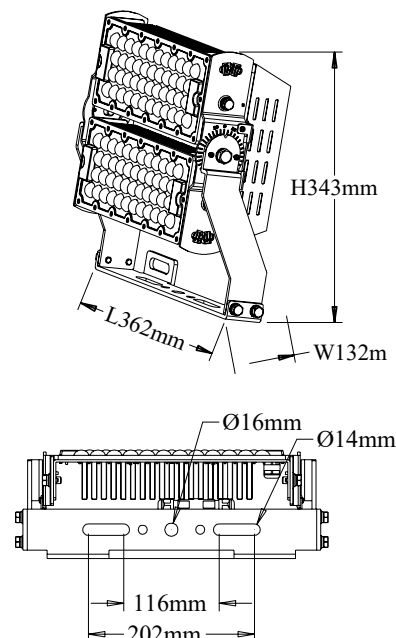
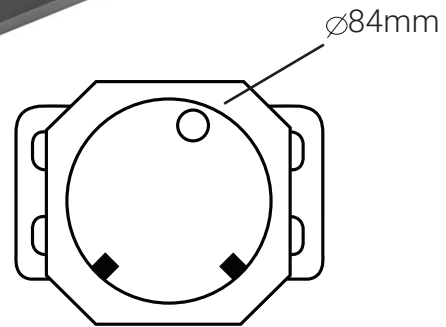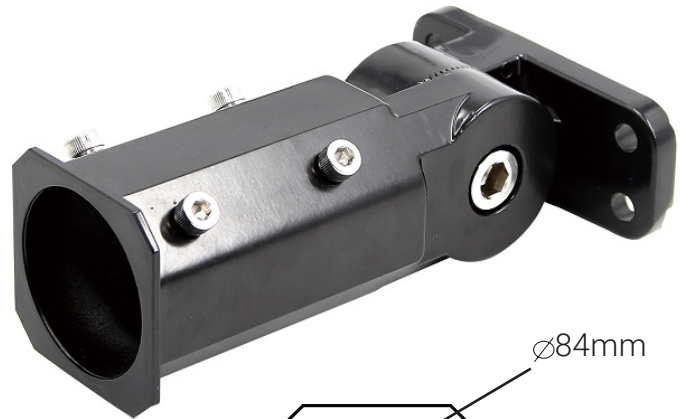| Technical Parameters	
Input Current	1200mA
Output Voltage	48
Flicker Free (Y/N)	Yes
Humidity	40%~80%
Frequency	47-63hz
In Rush Current	60A MeanWell
Output Current	4.6A
THD	<20%
TA & TC	TA=-20 ~45 °C/TC=65°C
IES (Yes or No)	Yes
Regulatory Qualifications	
Class Rating	Class I
Energy Efficiency	A
Certification	CE, EMC, IEC60958, RoHS, ISO9001
Accessories	
Optional accessories	Pole mount bracket - F025D 20° lens x 1(F025 to 29) - F025A 140*100° lens x 1(F025 to 29) - F025B

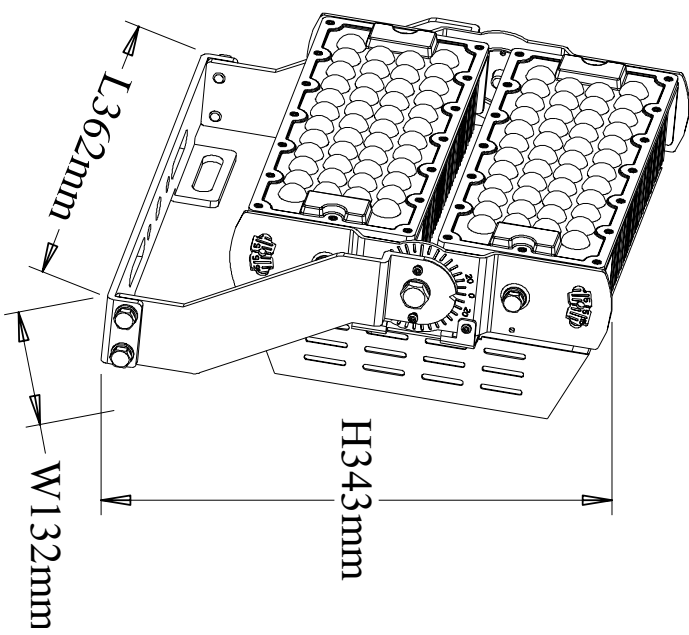| Packaging info	
Storage Temp	-40~+60°C
Carton Size (mm)	424*387*183
QTY/CTN	1
Net Weight	6.1
Gross Weight	6.7

E&OE

![PioLED Lighting logo]

Modular
Accessories
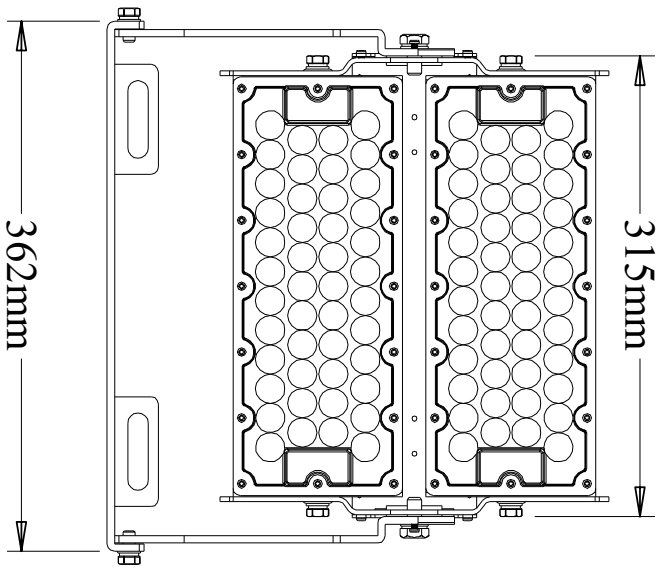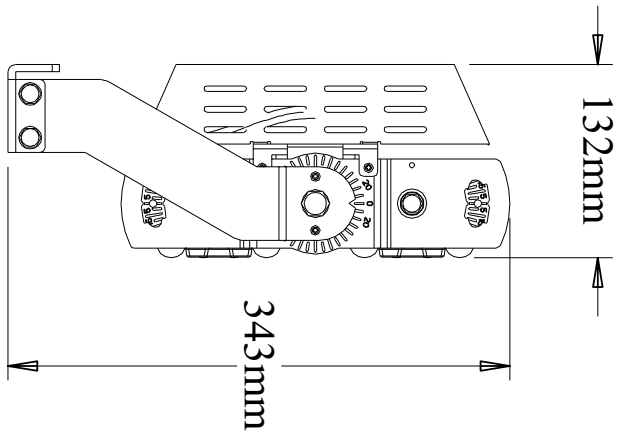
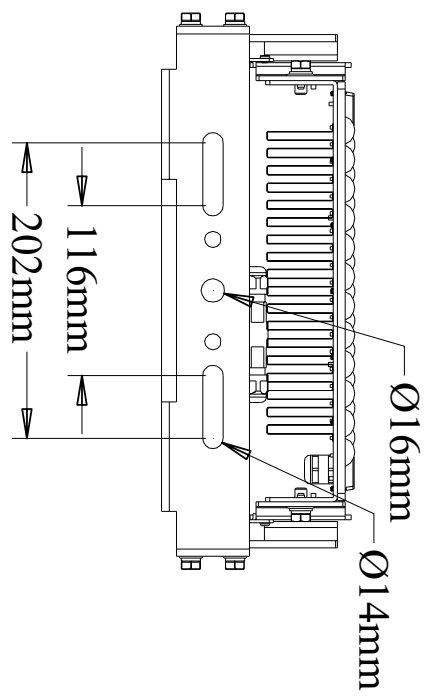**F025D - Pole Holder D84**
Costal HD 20-240W
Aluminium and Stainless
Steel Bolts
211mm x 125mm x 75mm

⌀84mm

132mm

315mm

343mm

553mm

120W   **240W**

362mm

132mm

343mm

362mm

315mm

116mm

202mm

Ø16mm

Ø14mm

L362mm

W132mm

H343mm

Weight = 5.3kg