

FLAYE-X2

30W-300W IP66



- Efficacy 150lm/W,
- IP66 and IK08 rated
- 5 sizes covering 50W to 300W
- 2 lighting distributions, suitable for a variety of scenes
- Powers selectable, strong versatility, and saving SKU

Technical Data

Installation method / 安裝方式 / Metodo de instalacion

Surface Mounted and Adjustable 135 ° 明裝可調135 ° 安裝腳 Tipo montado en superficie y ajustable

Power Consumption with LED Driver LED燈具包括LED驅動電源功率 Consumo de energía con controlador de LED	50W	100W	150W	200W	240W	300W
	• Optional 3 Dip Switch Select Power 100W (50W / 75W 100W)					
	• Optional 3 Dip Switch Select Power 150W (75W / 125W / 150W)					
	• Optional 3 Dip Switch Select Power 240W (120W / 180W / 240W)					
	• Optional 3 Dip Switch Select Power 300W (150W / 225W / 300W)					

Input Voltage / 輸入電壓/Voltaje de entrada

220-240VAC/50-60HZ

Control 控制Control

SW -ON/OFF DALI Control 0/1-10V Control

Power Factor / 功率因數/Factor de potencia

PF>0.95

Total Harmonic Distortion / 總諧波失 / Distorsión armónica total

THD<15%

Protection Against Surges / 防護措施
PROTECCIÓN CONTRA LAS PROMOCIONES:

6KV L-L, 6KV L-E

Light Source / 光源

LED 2835

"Lumen Maintenance LM-80 Reported by TM-21"

L70 >60,000 hours

LED Life-LED壽命-La vida del LED

>100,000 hours

Color Temperature色溫 Temperatura y color

3000K 4000K 5000K 6500K

Color Rendering Index-顯色指數
Índice de reproducción cromática

>70
>80

MacAdam Ellipses Binning
麥克亞當橢圓分級
Mac Adam binning elipse

Standard Deviation Colour Matching < 3 SDCM
標準偏差配色 < 3 SDCM
Coincidencia de color estándar Desviación < 3 SDCM

Beam Angle光束角ángulo de haz

• Asymmetrical intense 47° F00823
• Symmetrical 60° F00826

Luminaire Efficacy燈具效率
La eficacia de la luminaria

150 LM/W (3000K) 160 LM/W (4000K) 160 LM/W (5000K);
160 LM/W (6500K)

Housing materials 外殼材料
Materiales de la carcasa

Die-cast aluminium & Polycarbonate Optical Lens壓鑄鋁和聚碳酸酯光學鏡片

Housing Color外殼顏色color de la carcasa

Matte Black (RAL9017) 啞光黑色 (RAL9017) Negra mate (RAL9017)

Ingress Protection-防護等級
Protección de ingreso

IP66

Mech impact protection 機械衝擊保護
Protección contra impactos mecánicos

IK08

Operating Temperature Range / 工作溫度範圍
Rango de temperatura de funcionamiento

-20 °C / +45 °C

Storage Temperature 儲藏溫度
Temperatura de almacenamiento

-40 °C / +70 °C

Operating Humidity -工作濕度
Humedad de funcionamiento

0~90%, non-condensing-不結霜
sin condensación

Dimension尺寸Dimensión
Net Weight 淨重

Refer to MEASUREMENT data

Certificate Standard Complied
符合安規標準
estándar certificado de cumplimiento

LED Luminaries: IEC / EN 60598-1; IEC/EN 60598-2-5; IEC TR62778 IEC62471 (RG1); IEC 62031; EN62493 RoHS
LED Driver: IEC/EN 61347-1; IEC/EN 61347-2-13; IEC/EN 62384; IEC/EN 61000-3-2; IEC/EN 61000-3-3; IEC/EN61574; EN 55015

Certification-認證-Certificación



Project	Fixture#	Date
		Firm

Ordering Information

Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

Example product code: [FLAYE-X-100W](#)

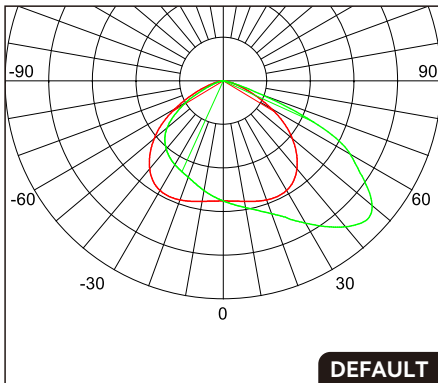
FLAYE-X - -

[POWER
CONSUMPTION](#)

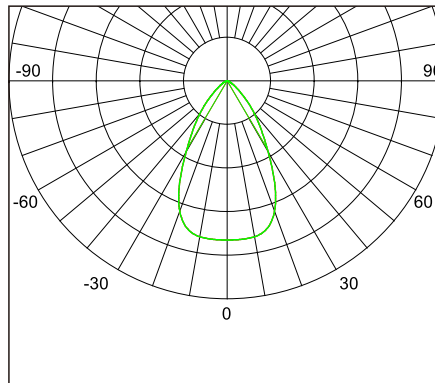
POWER CONSUMPTION	
Code	Description
50W	50W
50W	50W
80W	80W
100W	100W
120W	120W
150W	150W
170W	170W
180W	180W
200W	200W
240W	240W
280W	280W
300W	300W
100W (DIP)	3 Dip Switch Select Power 100W (50W / 75W 100W) refere to LED Driver specification
150W (DIP)	3 Dip Switch Select Power 150W (75W / 125W / 150W) refere to LED Driver specification
240W(DIP)	3 Dip Switch Select Power 240W (120W / 180W /240W) refere to LED Driver specification
300W(DIP)	3 Dip Switch Select Power 300W (150W / 225W /300W) refere to LED Driver specification

OPTICS

RECOMMENDED

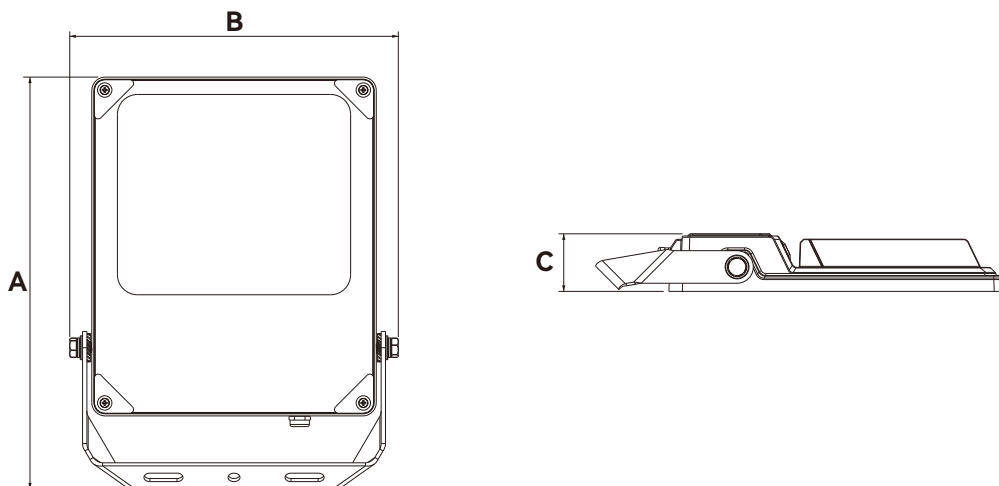


Asymmetrical intense 47° F00823



Symmetrical 60° F00826

MEASUREMENT



POWER /W	Luminaire dimensions AxBxC(mm)	Product weight(kg) ±6%	Package weight(kg) ±6%	Carton size(mm)	Qty/ CTN
		N.W/PC	G.W/PC		
50	254x212x48	1.2	1.6	275x250x80	1
100	315x233x52	1.9	2.4	340x270x85	
150	318x263x53	2.3	2.9	345x310x85	
200	379x303x53	3.3	4.1	410x345x85	
240	403x343x56	4	5	435x385x85	
300					

MOUNTING OPTIONS



ACCESSORIES

42mm Pole mount adaptor(for 300W)



Code	Product weight(kg) $\pm 6\%$		Package weight(kg) $\pm 6\%$		Carton size(mm)	Qty/CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
BC-F08-02	1.6	1.9	16.4	16.9	489x232x285	10

60mm Pole mount adaptor(for 150-300W)



Code	Product weight(kg) $\pm 6\%$		Package weight(kg) $\pm 6\%$		Carton size(mm)	Qty/CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
BC-F08-01	1.9	-	15.2	15.8	412x232x285	8

76mm Pole mount adaptor(for 150-300W)



Code	Product weight(kg) $\pm 6\%$		Package weight(kg) $\pm 6\%$		Carton size(mm)	Qty/CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
BC-F08-03	2.2	2.5	6.8	7.3	340x282x136	3

Outrigger mount bracket(for 50-200W)



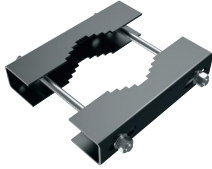
Code	Product weight(kg) $\pm 6\%$		Package weight(kg) $\pm 6\%$		Carton size(mm)	Qty/CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
BC-F08-05	1.8	2.1	7.8	8.3	1138x410x250	4

60mm Aluminum Pole mount adaptor(for 50-300W)



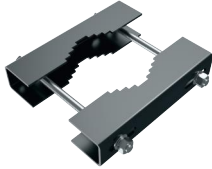
Code	Product weight(kg) $\pm 6\%$		Package weight(kg) $\pm 6\%$		Carton size(mm)	Qty/CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
BC-F15-06	1.9	2.3	20.6	21.2	585x290x200	10

100mm Clamp mount bracket(for 50-300W)



Code	Product weight(kg) ±6%		Package weight(kg) ±6%		Carton size(mm)	Qty/CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
BC-F15-07a	1.5	1.8	31	31.5	280x210x122	20

150mm Clamp mount bracket(for 150-300W)

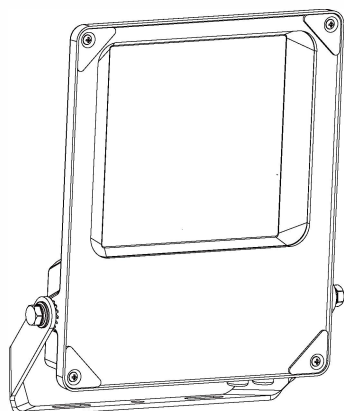


Code	Product weight(kg) ±6%		Package weight(kg) ±6%		Carton size(mm)	Qty/CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
BC-F15-07b	2.5	2.9	15.6	15.9	280x200x80	6

LED Flood Light

DIMON
TECHNOLOGY

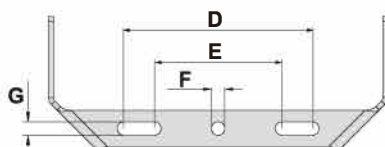
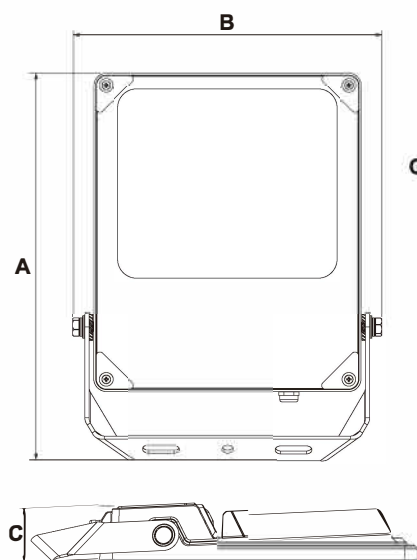
Installation Instructions



WARNING

- Turn off power supply before installation or before doing any maintenance work.
- If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard. It is necessary to install a surge protection device in distribution box to extend luminaire lifespan.
- Turn on the luminaire after it is well grounded.
- Clean the luminaire regularly if using it in heavy dust or oil gas area.
- The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.
- Turn off the power supply before adjusting the DIP switch.
- Do not use metal tool to adjust DIP switch, and adjust the switch gently.
- Terminal block not included. Installation must be performed by a qualified person.

Dimensions



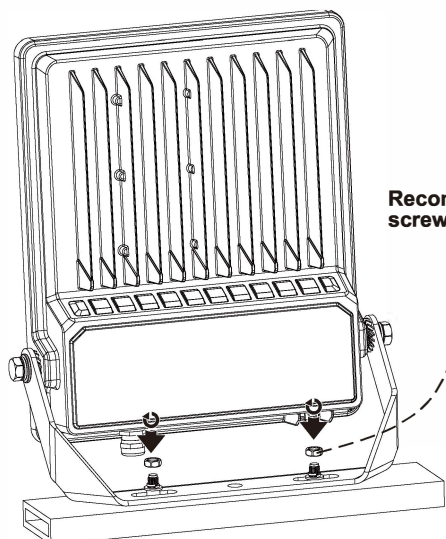
Unit (mm)	D	E	G	F
50W	110	80	11	11
100W	120	90		
150W	140	100		
200W	155	105		
240W/300W	205	155		

* Please subject to actual product for accurate weight.

Power Consumption (W)	50	100	150	200	240/300
Dimensions(AxBxC) (mm)	254x212x48	315x233x52	318x263x53	379x303x53	403x343x56
Net Weight(±6%kg)	1.2	1.9	2.3	3.3	4
Projected Area (m²)	0.04	0.05	0.06	0.08	0.1

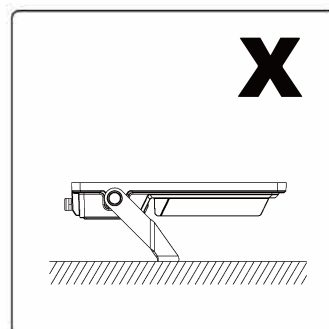
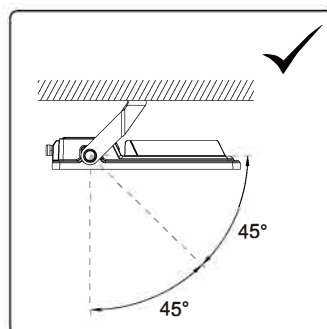
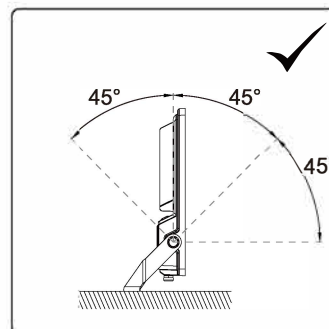
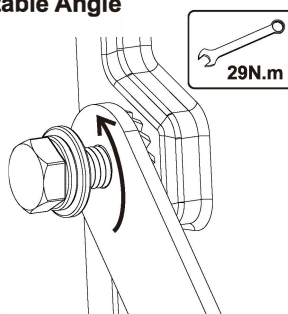
Installation

This is not an included accessory and need to be sourced separately.

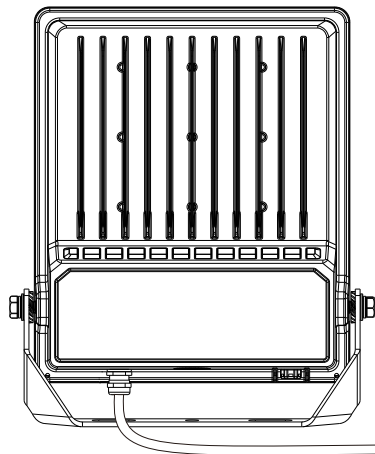


Recommended screw size: M10

Rotatable Angle



Connect Wires



AC cords

L	brown	black
N	blue	white
⊕	yellow/green	green

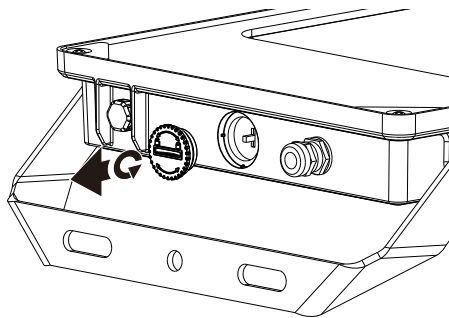
Warning! Do not wire dim cord to high voltage, or dim function will fail.

DIM cords

Note: color for dim cords subject to the cable label on luminaire

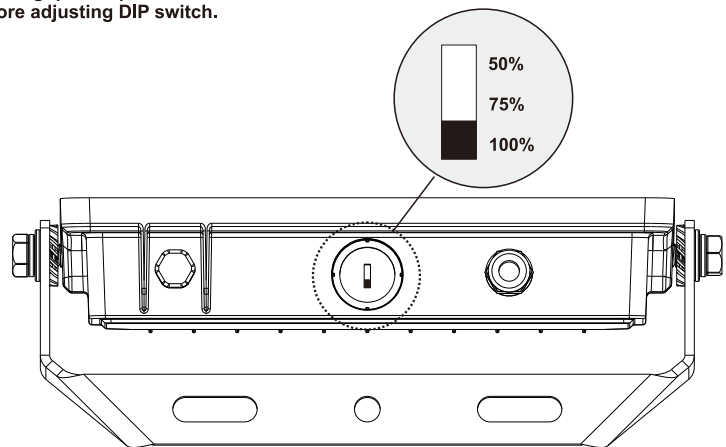
Function(please refer to actual model)

1 Power Selectable



2 * Warning: please power off the luminaire before adjusting DIP switch.

Power Selectable



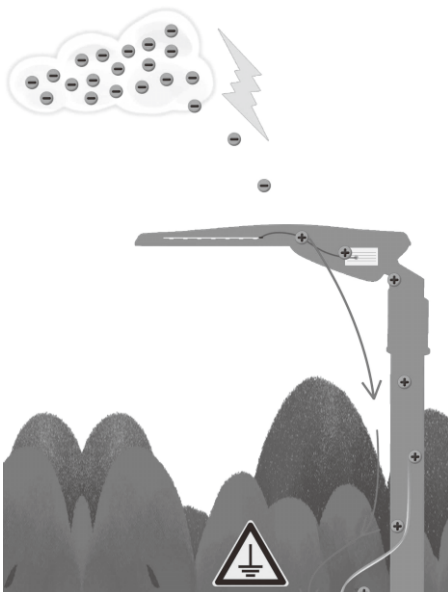
Precautions for Outdoor Lighting

Lightning is a common natural phenomenon. When the accumulation of electric charge in the thundercloud to a certain degree, air breakdown will occur to cause electrostatic discharge between the clouds, or between the cloud and the earth. Normally there are direct lightning and induction lightning, most LED luminaires damage caused by induction lightning, such as electrostatic induction or magnetic field induction.

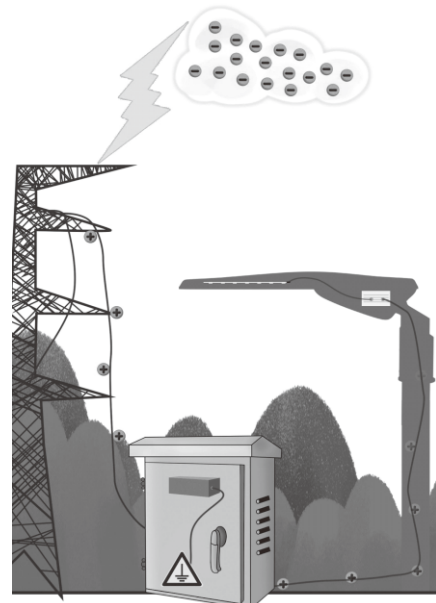
Below pretreatment can reduce lightning hazard, and extend luminaire lifetime.

1. LED luminaire should be effectively grounded

2. Install surge protector in power distribution box



With effective grounding, the electric charge can be introduced to ground quickly



The SPD can absorb most surge energy before luminaire