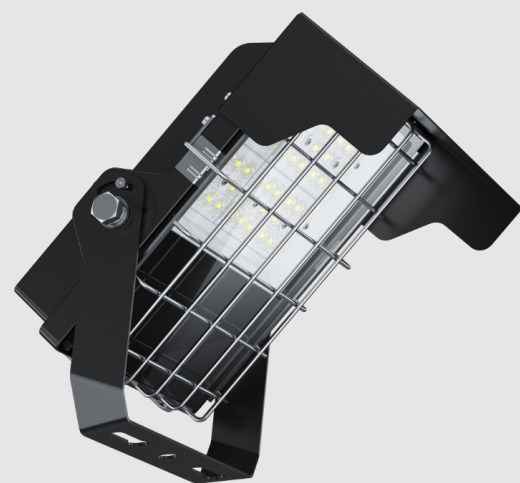


FLAYE-X (ZIGBEE)

100W-400W IP66

CE IK 08 IP66 ZigBee®



Visor

Protection Mesh



ZigBee Mesh
Network Control



Motion Sensor



Zoning & Grouping



Magic Wand
Remote Control



Daylight Sensor



On/Off



- ZigBee mesh network smart controls.
- Daylight and Motion Sensors.
- Easy Grouping without Gateway via DMT-Z Remote Control
- Automatic ON/OFF or Dimming Function with smart sensing (Daylight,Motion) for maximum energy saving.
- Power Field available with power between 100W,150W,200W,240W,300W,400W.
- Efficiency up to 170lm/W.
- Smart Modules: ZigBee Module ; PIR Motion Sensor Module; Infrared Daylight Sensor Module

FLAYE-X (ZIGBEE)

100W-400W IP66

DIMON
TECHNOLOGY

Technical Data

Installation method / 安裝方式 / Metodo de instalacion	Surface Mounted and Adjustable Type 明裝可調安裝腳 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	• 100W • 240W	150W 300W	200W 400W	
Input Voltage / 輸入電壓/Voltaje de entrada	220-240VAC/50-60HZ Surgeprotection 6KV			
Control 控制Control	• Zigbee Wireless Control -10V PWM dimming 10V PWM 調光 • Built-in MID sensor內置MID感測器: 1. Microwave motion sensor (sensing angle: 75° max, sensing distance: 12 meters max) 微波移動人體感應 (感應角度: 75° Max 感應距離: 12米 Max) 2. +Infrared light sensor (adjustable from 0 to 2000 Lux) 紅外照度光感 (0~2000 Lux 可調) 3. Remote control distance: 15 meters 遙控距離: 15米			
Power Factor / 功率因數/Factor de potencia	PF>0.95			
Total Harmonic Distortion / 總諧波失 / Distorsión armónica total	THD <5%			
Light Source Brand / 光源品牌 Fuente de luz de marca	Lumileds Blue Light Risk Group of LED Flood Light : RG1 (Risk Group 1)			
"Lumen Maintenance LM-80 Reported by TM-21"	L70 >54,000 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 ellipse	Standard Deviation Colour Matching < SDCM 標準偏差配色 < 3 SDCM Coincidencia de color estándar Desviación < 3 SDCM			
Beam Angle光束角ángulo de haz	Symmetric: 25° 55° 90° 120° Asymmetric: P30 P45 120°45° 100°60° Type II Type III Type IV Type V			
Luminaire Efficacy 燈具效率 La eficacia de la luminaria	140 Lm/w(3000K) @CRI >70 ; 130 Lm/w(3000K) @CRI >80 150 Lm/w(4000K) @CRI >70 ; 140 Lm/w(4000K) @CRI >80 170 Lm/w(5000K) @CRI >70 ; 150 Lm/w(5000K) @CRI >80 170 Lm/w(6500K) @CRI >70 ; 150 Lm/w(5000K) @CRI >80			
LED Source Luminous Efficacy LED光源光效 Fuente luminosa LED Eficacia	170 Lm/w(3000K) @CRI >70 ; 160 Lm/w(3000K) @CRI >80 180 Lm/w(4000K) @CRI >70 ; 170 Lm/w(4000K) @CRI >80 190 Lm/w(5000K) @CRI >70 ; 180 Lm/w(5000K) @CRI >80 190 Lm/w(6500K) @CRI >70 ; 180 Lm/w(6500K) @CRI >80			
Housing materials外殼材料 Materiales de la carcasa	Die-cast aluminium and Tempered glass 壓鑄鋁和鋼化玻璃 Die fundición de aluminio y vidrio templado			
Housing Color 外殼顏色 color de la carcasa	Polyester powders Coating--Matte Black RAL9004 聚酯粉末塗料--啞光黑色 RAL9004 Polvos de poliéster Revestimiento--Matte Black			
Ingress Protection-防護等級 Protección de ingreso	IP66 - (IEC 60529)			
Mech impact protection 機械衝擊保護 Protección contra impactos mecánicos	IK08			
Accessory 配件 accesorio	• Visor 遮陽板 • Protection Mesh 防護網			
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	Refer to Drawing			
Net Weight 淨重 Peso Neto	100W @ 2.5kg 240W @ 5.45kg	150W @ 3.3kg 300W 400W @ 9.6kg	200W @ 5.2 kg	
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--

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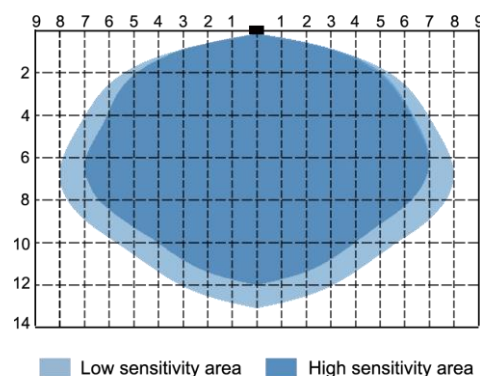
POWER
CONSUMPTION

POWERbCONSUMPTION	
Code	Description
100W	100W
150W	150W
200W	200W
240W	240W
300W	300W
400W	400W

Sensor Parameters (PID)

Sensing Angle	75°
Sensing Distance	12 m
Light Sensing Range	0~2000 Lux (Infrared Daylight)
Remote Control Distance	15m

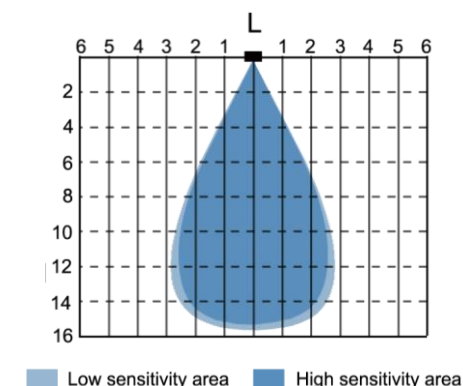
Sensing Angle (PID)



Sensor Parameters(PID-H)

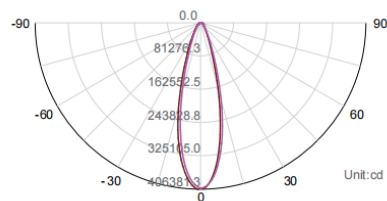
Sensing Angle	55°
Sensing Distance	15m
Light Sensing Range	0~2000 Lux (Infrared Daylight)
Remote Control Distance	15m

Sensing Angle (PID-H)

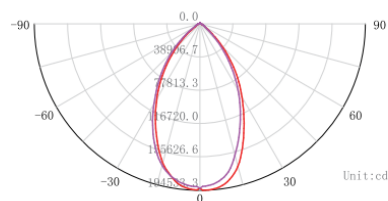


BEAM ANGLE

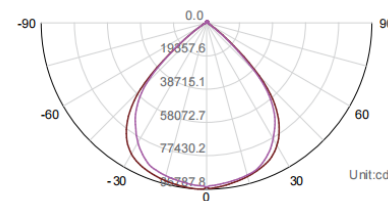
DIMON
TECHNOLOGY



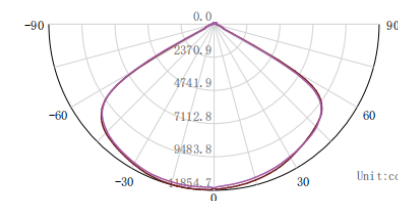
Optical options: : 25°



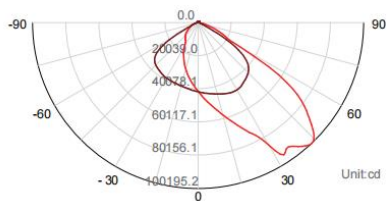
Optical options: 55°



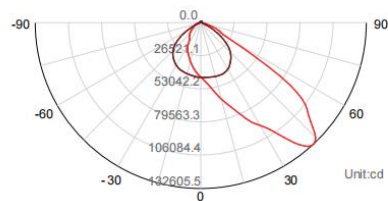
Optical options: 90°



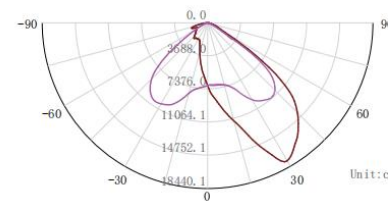
Optical options: 120°



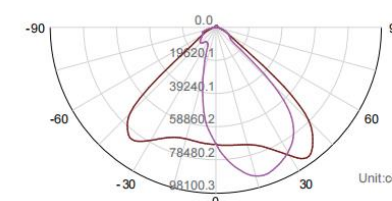
Optical options: P30



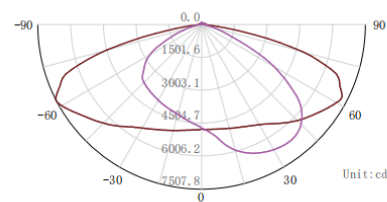
Optical options: P45



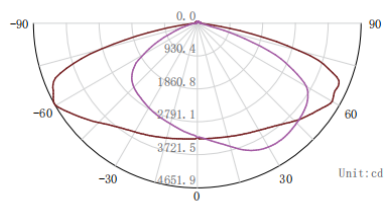
Optical options: 120°*45°



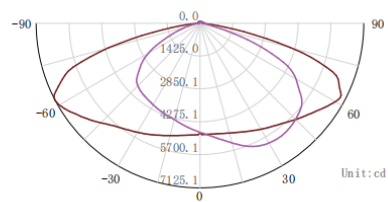
Optical options: 100°*60°



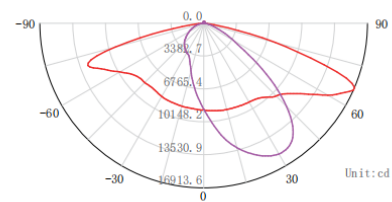
Optical options: Type II



Optical options: Type III

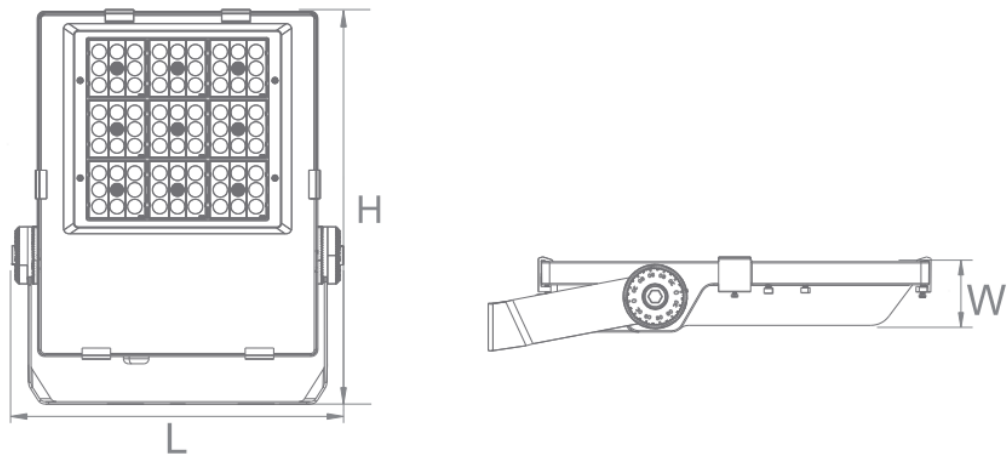


Optical options: Type IV



Optical options: Type V

Technical Drawing



Power	L(mm)	W(mm)	H(mm)
100W Max	288	57	254
150W Max	332	57	264
200W Max	403	57	328
240W Max	403	57	328
300W Max	490	74	411
400W Max	490	74	411

Technical Specification of DMT-Z Zigbee Control



Lamp group linkage effect



When the ambient light is relatively bright, the lamp remains off

- By adopt the standard ZigBee technology "DMT-Z" has the inborn advantages like long transmission distance, multiple channels and mesh network
- Users can set the sensor parameters and brightness of one group or individual lamp with one button
- in one group, the motion sensors work together with daylight sensors to control the grouped and individual lamp according to the ambient brightness



The "ZIGBEE" smart light of DIMON are embedded with motion sensor and daylight sensor, using a "DMT-Z" remote control, users can set grouping and parameters very fast and convenient.

By adopting the standard ZigBee technology, "ZIGBEE" has the inborn advantages like long transmission distance, multiple channels and mesh network.



Users can set the sensor parameters of one group or individual lamp with one button, and change lamp brightness. In one group, the motion sensors work together to control these grouped lamps, and the daylight sensors control the individual lamps on/off according to the ambient brightness.

The ZIGBEE serial include panel, linear light, tri-proof light, highbay, LED tube. This kind of smart lamps can be used for industrial and commercial area, example offices, warehouses, factories, parking and others.