

FAB-L



320W~480W



PMMA Optical Lens
Version



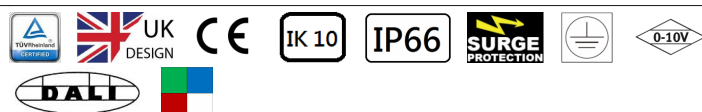
Reflector Version

- LED Flood Light IP66. The fixture coated with electrophoresis and powder for excellent anti-corrosion performance. And the bracket surface adopts HDG (hot-dip galvanizing) technology which provide strong corrosion. It is durable with great performance. With SPD protection, it also goes through rigorous test which reaches excellent IP66 and IK09 rating.
- Die-cast aluminium. separate electric housing with super white tempered glass.
- Galvanized steel plate. Surface anti-ageing electrostatic spray processing, super resistance to corrosion.
- Many different optical lens and reflector to distribute Asymmetric & symmetric beam angle.
- Lye fitting joint design to adjustable installation angle

Technical Data

Luminaire Type-安裝方式-Tipo de luminaria	Surface Mounted and Adjustable Type-明裝可調安裝腳-Tipo montado en superficie y ajustable
Power Consumption Max LED燈具最大功率 LED Consumo de energía Max	• 320W 400W 480W
Input Voltage / 輸入電壓 Voltaje de entrada	100-240VAC/50-60HZ
Integrated-type LED Driver 內置LED驅動 Controlador de LED de tipo integrado	Two separated LED Drivers for driving two independent LED circuits PCB
Control Protocol/控制協議 Protocolo de Control	• ON/OFF Dali Control 0-10V Control • DMX Zigbee Wireless Control
Power Factor / 功率因數/Factor de potencia	>0.9
Total Harmonic Distortion/總諧波失/Distorsión armónica total	<20%
Protection Against Surges/防護措施/PROTECCIÓN CONTRA LAS PROMOCIONES:	• 6kV line-line 12kV line-earth
Light Source Brand-光源品牌-Fuente de luz de marca	CREE
"Lumen Maintenance LM-80 Reported by TM-21"	L70> 60,000 hrs
LED Life-LED壽命-La vida del LED	>60,000 hours
Color Temperature色溫/Temperatura y color	2700K / 3000K / 4000K/ 5000K/ RGBW (4000K) (DMX512 Control)
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 < 3 SCDM 標準偏差配色< 3 SCDM Coincidencia de color estándar Desviación
Beam Angle 光束角 ángulo de haz	• A1 & A2 & A3 & R1 & R2 & R3 & R4 & R5 & R6 @ Reflector • T2A & T3A & T4A & T3 & T4 & T25 & T60 & T90 @ Lens
Luminaire Efficacy 燈具效率 La eficacia de la luminaria	• 120 lm/w(3000K) @ Lens ; 100m/w(3000K) @ Reflector • 130 lm/w(4000K) @ Lens ; 110m/w(4000K) @ Reflector • 135 lm/w(5000K) @ Lens ; 115m/w(5000K) @ Reflector • 65l/w RGBW @ Lens
LED Source Luminous Efficacy LED光源光效 Fuente luminosa LED Eficacia	• 134m/w(2700K) 134m/w(3000K) 143m/w(4000K) • 153m/w(5000K) 100l/w RGBW
Housing materials 外殼材料 Materiales de la carcasa	Die-cast aluminium and 5mm Tempered glass and Hot deep galvanized steel fixing bracket. 壓鑄鋁和5mm鋼化玻璃和熱鍍鋅鋼固定支架 Aluminio fundido a presión y 5 mm de vidrio templado y Soporte de fijación de acero galvanizado profundo.
Housing Color 外殼顏色 color de la carcasa	Polyester powders Coating (RAL 9006 Silver). 聚酯粉末塗料(RAL 9006 銀灰色) Polvos de poliéster Revestimiento (RAL 9006 Plata).
Ingress Protection-防護等級 Protección de ingreso	IP66
Mech impact protection 機械衝擊保護 Protección contra impactos mecánicos	IK09
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcionamiento	-20 °C / +60 °C / -4 °F / +124 °F
Operating Humidity -工作濕度 Humedad de funcionamiento	0~90%, non-condensing-不結霜 sin condensación
Dimension尺寸/Dimensión	L: 519x H:588 (681 with Bracket) x H:108mm
Net Weight /Gross Weight淨重/毛重Peso Neto / Peso bruto	19.4kg / 21.2kg
Packing box size包裝箱尺寸Tamaño de la caja de embalaje	785x610x165mm
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: [FAB-L-320W](#)

FAB-L - - _____

POWER
CONSUMPTION

POWER CONSUMPTION	
Code	Description
320W	320W
400W	400W
480W	480W



Smooth heatsink design
Good Heat Radiation
Easy to clean



Well-design rotatable bracket



Separate the Driver Box



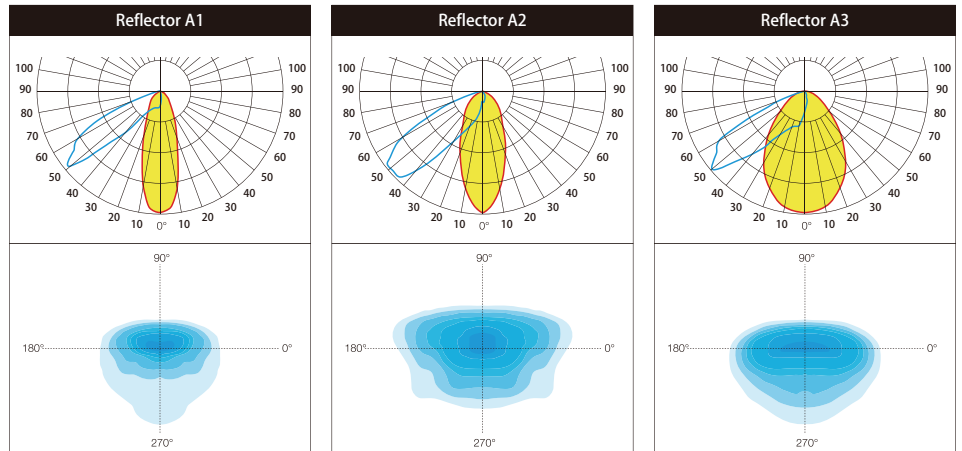
Tempered Glass and IP66 protection

Beam Angle REFLECTOR

Reflector Application



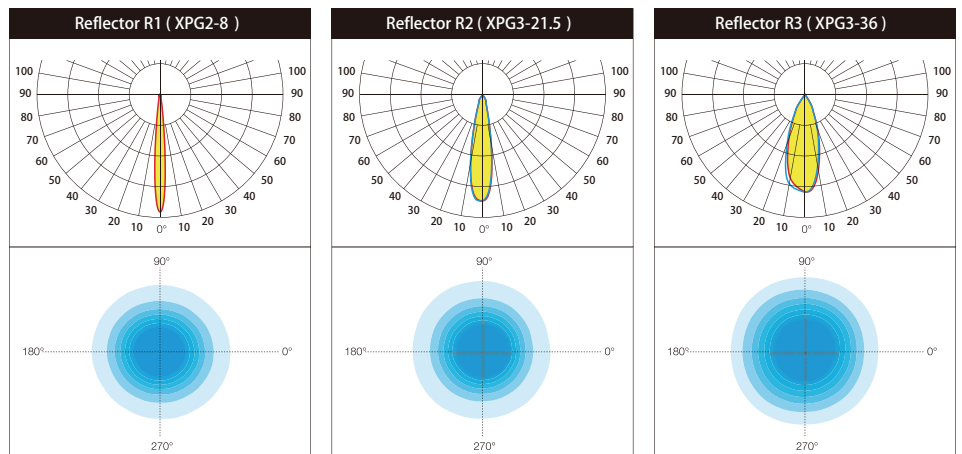
Asymmetrical beam angle



Reflector Application



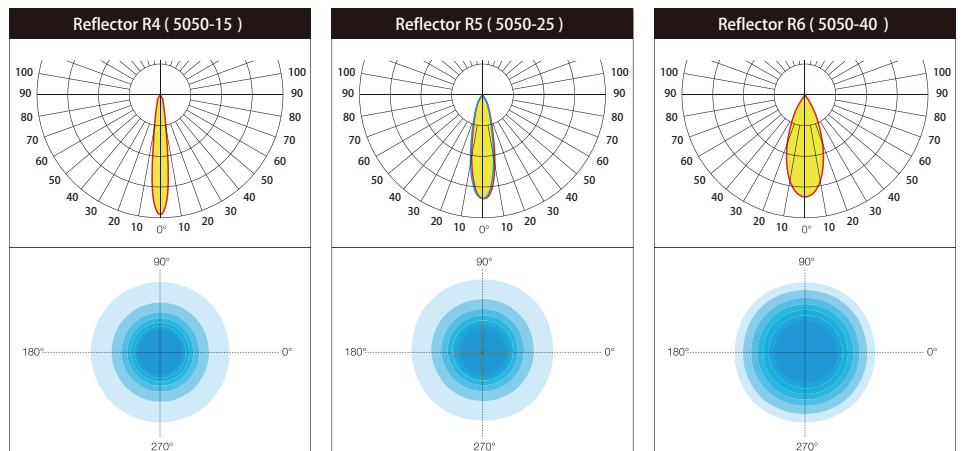
Symmetrical beam angle



Reflector Application



Symmetrical beam angle

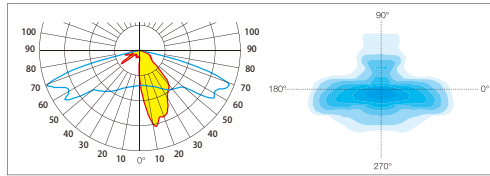


Beam Angle LENS

Asymmetrical beam angle

LENS

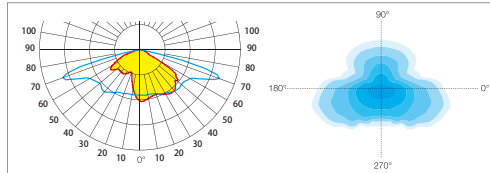
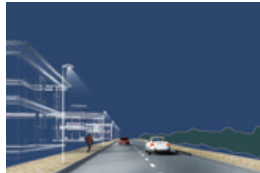
T2A



Asymtric light distribution for Narrow road.

LED Chips: 2 x 2

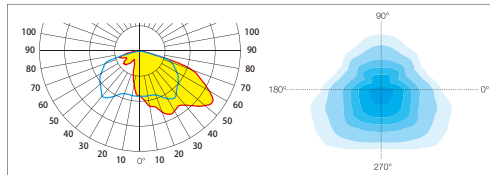
T3A



Asymtric light distribution for Residential street.

LED Chips: 2 x 2

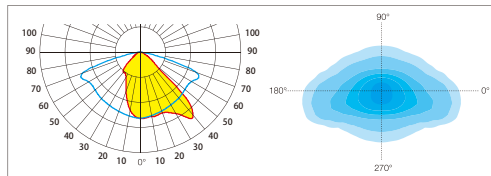
T4A



Asymtric light distribution for wide area.

LED Chips: 2 x 2

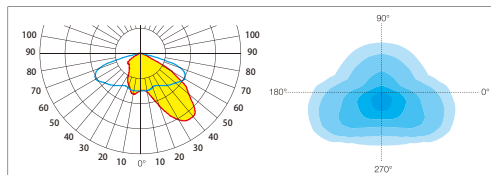
T3



Asymtric light distribution for urban road.

LED Chips: 2 x 2

T4



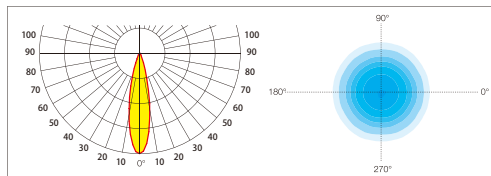
Asymtric light distribution for motorway road.

LED Chips: 2 x 2

Symmetrical beam angle

LENS

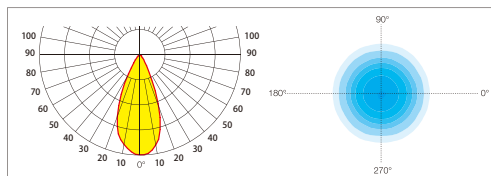
T25



Symtric light distribution for narrow angle flood, highbay lighting.

LED Chips: 2 x 2

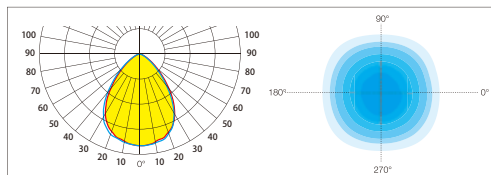
T60



Symtric light distribution for middle angle flood, highbay lighting.

LED Chips: 2 x 2

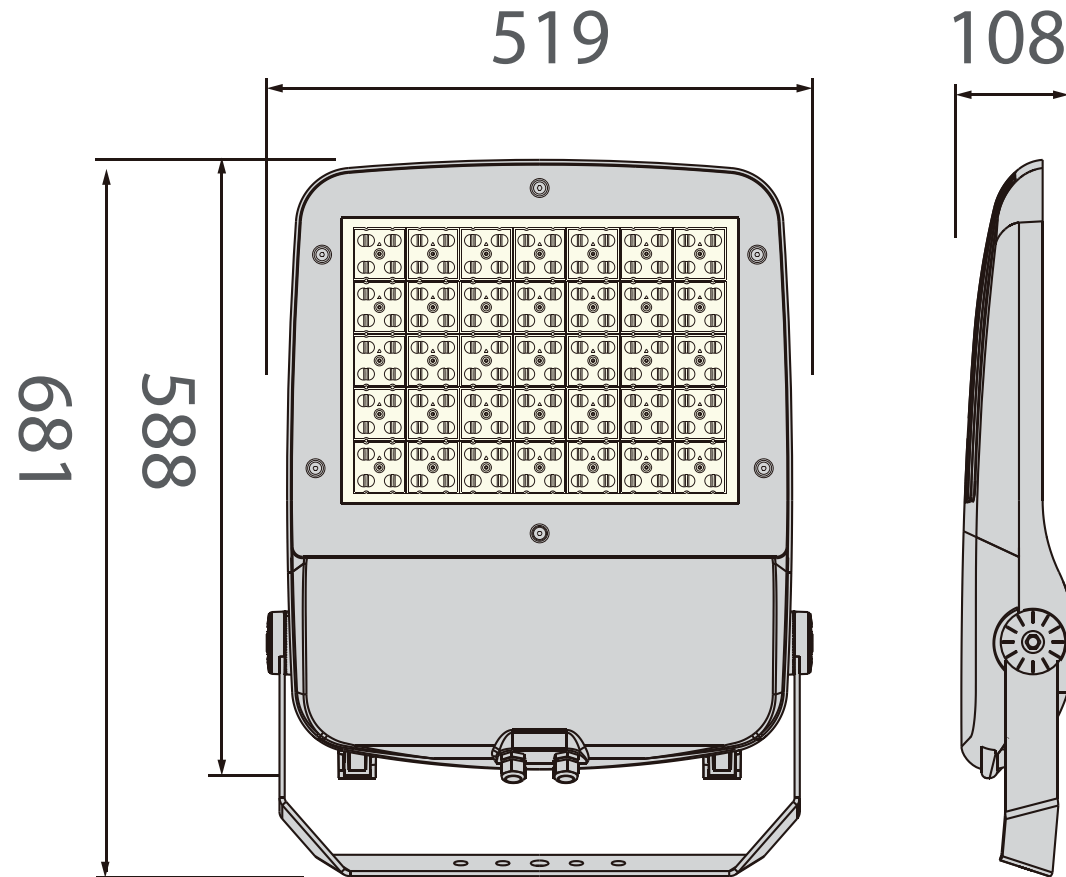
T90



Symtric light distribution for middle angle flood, highbay lighting.

LED Chips: 2 x 2

Technical Drawing
LED FLOOD LIGHT -FAB-L



Unit: mm