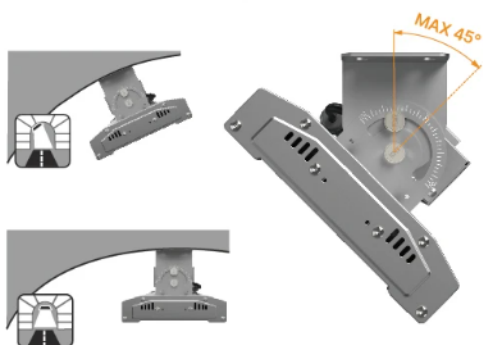


Perfect Lighting Solution For Tunnel Applications

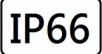


Integrated design luminaire that can effectively help save installation time and cost. It is made of special materials for superb corrosion resistance in harsh environments. And it has professional light distributions to ensure high visual comfort and traffic safety. It creates perfect uniformity in all parts of the tunnel and is suitable for any type of tunnel project.

Key Features:

- Professional and multiple optics options
- Power range: 60W to 150W
- Control: 0-10V, DALI
- High protection class IP66 and IK08
- Adjustable bracket for ceiling or wall mounting
- Excellent C4 anti-corrosion performance

Technical Data

Installation / 安裝方式 / Instalación	Ceiling or Wall Mounting / 吸頂或壁裝 / Montaje en techo o pared
Power Consumption / 功率 Consumo de energía	60W 70W 80W 90W 100W 110W 120W 130W 140W 150W
Input Voltage / 輸入電壓 / Voltaje de entrada	AC220-240V 50 / 60 Hz
Dimming Control / 調光控制 / Control de atenuación	0/1-10V / DALI
Power Factor / 功率因數 / Factor de potencia	PF>0.9
Total Harmonic Distortion / 總諧波失 Distorsión armónica total	THD<15%
Surge Protection / 電湧保護 Protección contra sobretensiones	6KV line-line, 10KV line-earth
Light Source Brand / 光源品牌 / Fuente de luz de marca	Nichia / CREE
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 / 色溫和顏色 Temperatura de color	3000K / 4000K / 5000K / 5700 / 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 < 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	R01205 R01208 R01203 R01202 R01207
Luminaire Efficacy / 燈具效率 La eficacia de la luminaria	CRI70: 155 LM/W (3000K) 160 LM/W (4000K) 160 LM/W (5000K) 165 LM/W (5700K) 165 LM/W (6500K) CRI80: 140 LM/W (3000K) 145 LM/W (4000K) 145 LM/W (5000K) 150 LM/W (5700K) 150 LM/W(6500K)
Housing materials / 外殼材料 Materiales de la carcasa	Die-cast aluminium and Tempered Glass 壓鑄鋁和鋼化玻璃 Aluminio fundido a presión y Vidrio templado
Housing Color / 外殼顏色 color de la carcasa	Aluminum color / 鋁本色 Color aluminio
Ingress Protection / 防護等級 Protección de ingreso	IP66
Impact Protection / 衝擊保護 Protección contra impactos	IK08
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcionamiento	-20 °C / + 45 °C
Operating Humidity / 工作濕度 Humedad de funcionamiento	0~100%, non-condensing / 不結霜 sin condensación
Dimension / 尺寸 / Dimensión	Refer Drawing
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

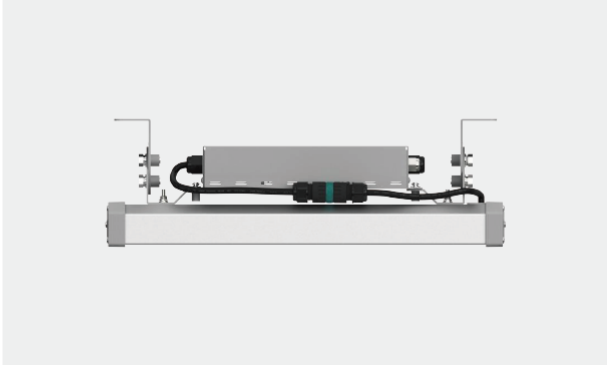
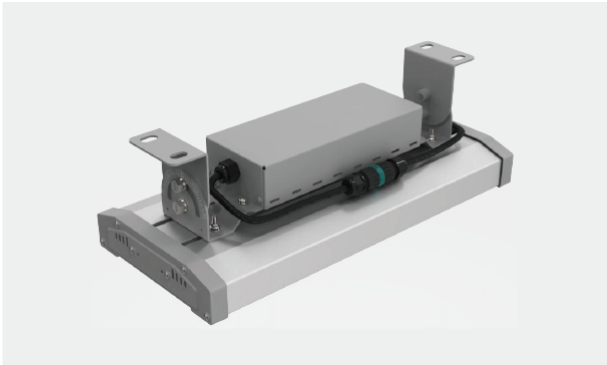
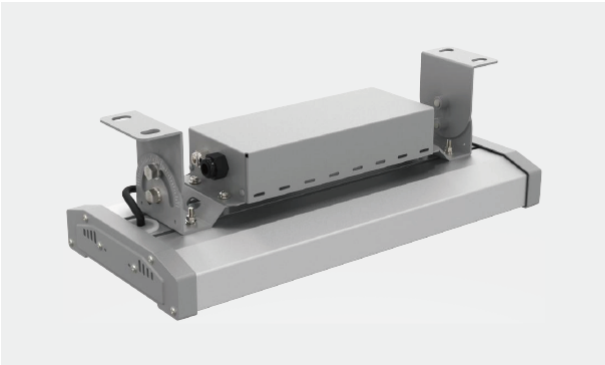
Ordering Information

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

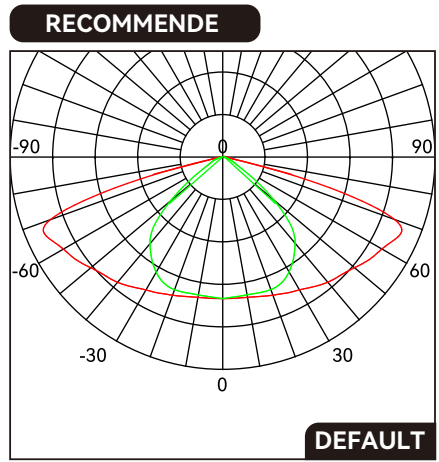
Example product code:

FLAYE-G2 - - _____
POWER
CONSUMPTION

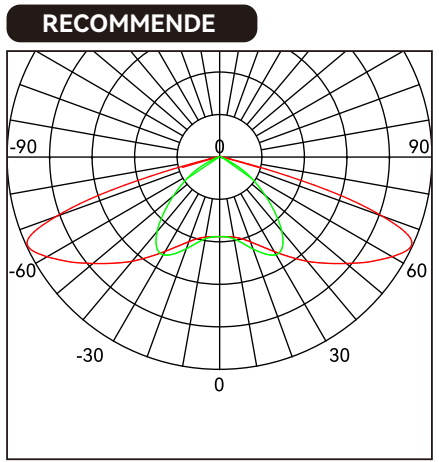
POWER CONSUMPTION	
Code	Description
60W	60W @L: 459 x W: 206 x H:149 mm
70W	70W @L: 459 x W: 206 x H:149 mm
80W	80W @L: 459 x W: 206 x H:149 mm
90W	90W @L: 459 x W: 206 x H:149 mm
100W	100W @L: 459 x W: 206 x H:149 mm
110W	110W @L: 459 x W: 206 x H:149 mm
120W	120W @L: 459 x W: 206 x H:149 mm
130W	130W @L: 510 x W: 206 x H:149 mm
140W	140W @L: 510 x W: 206 x H:149 mm
150W	150W @L: 510 x W: 206 x H:149 mm



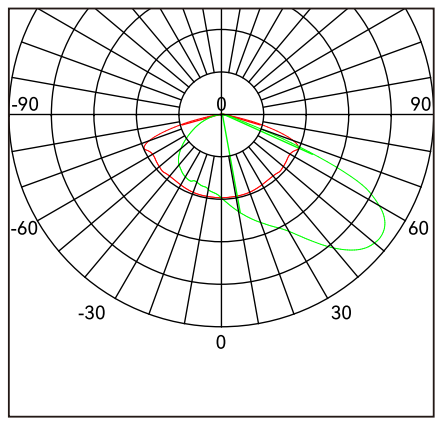
BEAM ANGLE



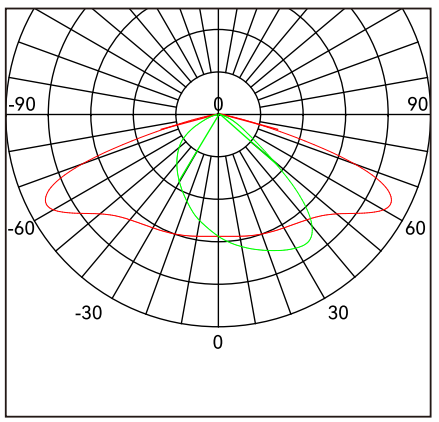
R01205
Type II Medium (100x153°)



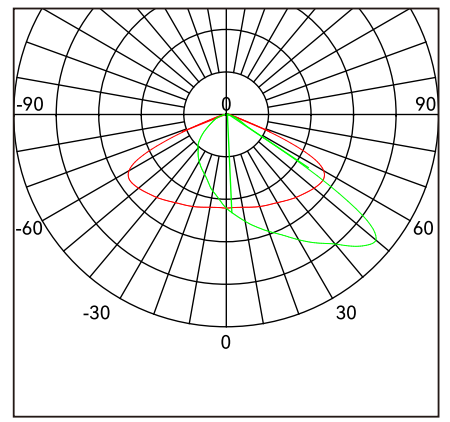
R01208
Type I Medium (111x151°)



R01203
Type III Medium (47x153° Tilt 50°)

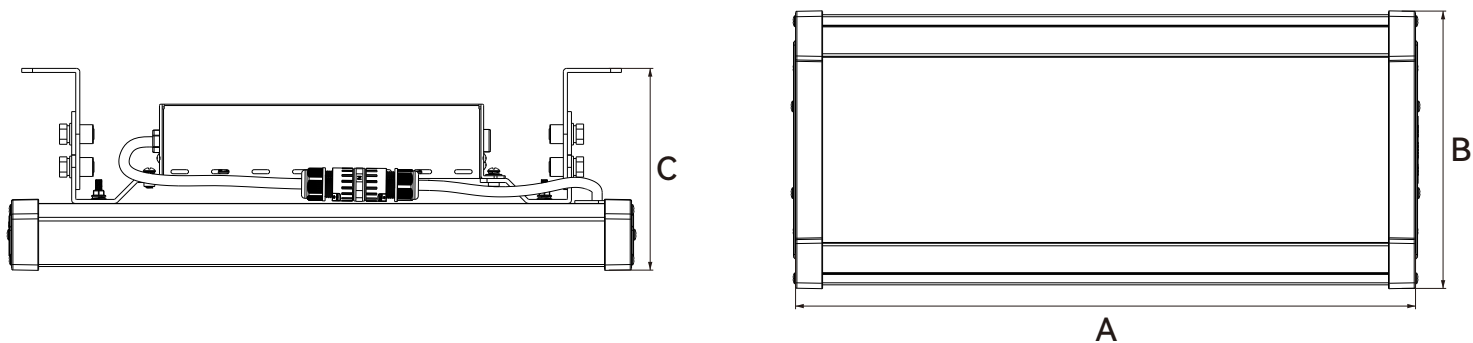


R01202
Type II Medium (77x149° Tilt 35°)



R01207
Type III Short (50x137° Tilt 50°)

Technical Drawing



Power	Luminaire dimensions AxBxC(mm)	Package weight(kg) $\pm 6\%$		Carton size (mm)	Qty/CTN
		N.W/CTN	G.W/CTN		
60W	459x206x149	6.00	6.50	500x235x150	1
90W		6.10	6.60		
120W		6.20	6.70		
150W	510x206x149	6.60	7.10	550x235x150	1

Unit: mm