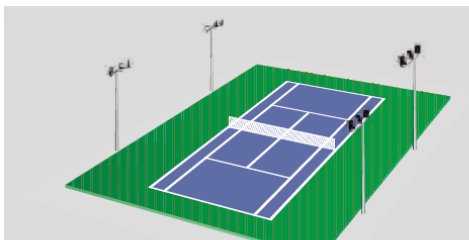
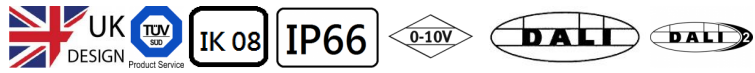
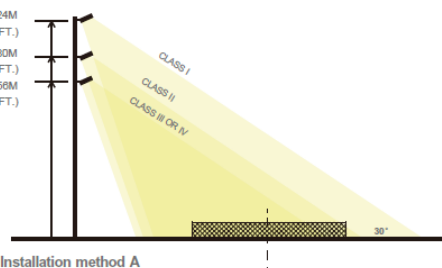


**HAYE PRO**

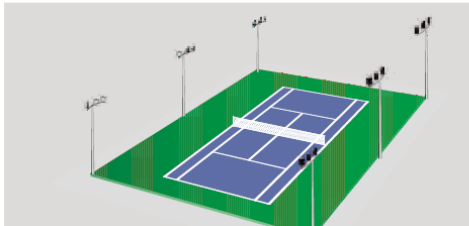
1200W-1500W IP66



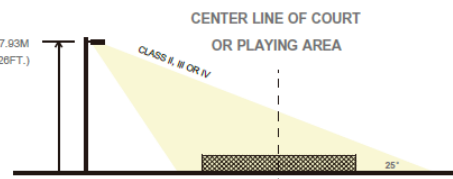
14.02 TO 15.24M  
(48 TO 50FT.)  
11.56 TO 12.80M  
(38 TO 42FT.)  
9.76 TO 11.56M  
(32 TO 50FT.)



Installation method A










6.10 TO 7.93M  
(20 TO 26FT.)



Installation method B

- Die-casting aluminum alloy housing with tempered Glass, the electrical box and light module adopt separate independent structure
- Optical system with Anti UV PC lenses with high visual comfort and uniform lighting distribution, multiple optical distribution options.
- Surge protection up to 20KV.
- The electrical box adopts unique lock design, safe and fast opening, with safety cable, overall protection is IP66.
- Top and side fixing, angle can be adjustable, installation tube diameter  $\varnothing 42\sim\varnothing 60\text{mm}$ .
- Surface anti-UV pure polyester powder painting, Corrosion resistance and UV
- All external screw are in stainless steel.

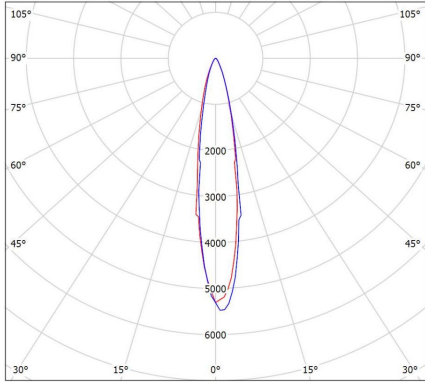
## Technical Data

Luminaire Type 安裝方式 Tipo de luminaria	High Mast Pole Mounted 90° 高桅杆安裝 Montado en poste de mástil alto Surface Mounted and Adjustable Type 90° tilt-明裝可調90° 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	• 1200W • 1500W		
Input Voltage / 輸入電壓 / Voltaje de entrada	220-240VAC 50-60Hz		
Control 控制 Control	ON/OFF	Dali Control	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<20%		
Protection Against Surges/防護措施/PROTECCIÓN CONTRA LAS PROMOCIONES:	20kV Line-Line, 20kV Line-Earth		
Light Source Brand-光源品牌-Fuente de luz de marca	CREE		
"Lumen Maintenance LM-80 Reported by TM-21"	• L70 > 100,000 hrs • L80 > 80,000 hrs		
LED Life-LED壽命-La vida del LED	>100,000 hours		
Color Temperature and Color 色溫 and 顏色 Temperatura y color del color	2700K 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	Aymmetric Beam Angle對稱光束角 : 12° 30° 60° 90° Asymmetric Beam Angle不對稱光束角: A45° A60°		
Luminaire Efficacy 燈具效率 Flujo luminoso inicial (flujo del sistema)	120m/w(2700K) 150m/w(5000K)	130m/w(3000K) 150m/w(6500K)	140m/w(4000K)
LED Source Luminous Efficacy LED光源光效 Fuente luminosa LED Eficacia	140m/w(2700K) 170m/w(5000K)	150m/w(3000K) 170m/w(6500K)	160m/w(4000K)
Housing materials 外殼材料 Materiales de la carcasa	Die-cast aluminium and Tempered glass and Hot deep galvanized steel fixing bracket for surface mounted 壓鑄鋁和鋼化玻璃和 表面安裝: 熱鍍鋅鋼固定支架 Soporte de fijación de aluminio fundido a presión y vidrio templado y acero galvanizado en caliente para montaje en superficie		
Housing Color 外殼顏色 color de la carcasa	Polyester powder Coating(RAL 9006 Silver or others) or Black Color (RAL 9005 Black) 聚酯粉末塗料 (RAL 9006 銀灰色或其他) 或黑色(RAL 9005 黑色) Recubrimiento en polvo de poliéster (RAL 9006 Silver u otros)		
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	-30 °C / +50 °C / -22 °F / +122 °F		
Storage Temperature 儲藏溫度 Temperatura de almacenamiento	-40 °C / +70 °C / -40 °F / +158 °F		
Dimension (LxWxH) 尺寸 Dimensión	780X503X101 mm refer to drawing		
Net Weight 淨重 Peso Neto	43KG		
Packing box size 包裝箱尺寸 Tamaño de la caja de embalaje	920*900*335mm		
Certificate Standard Complied 符合安規標準 estándar certificado de cumplimiento	ED Luminaries: IEC / EN 60598-1; IEC/EN 60598-2-5; IEC TR62778 IEC62471 (RG1); IEC 62031; EN62493 RoHS ; TM21 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	      		

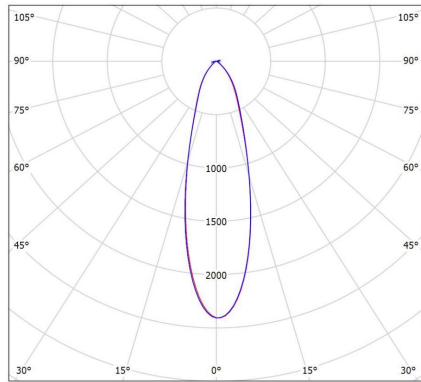


# BEAM ANGLE

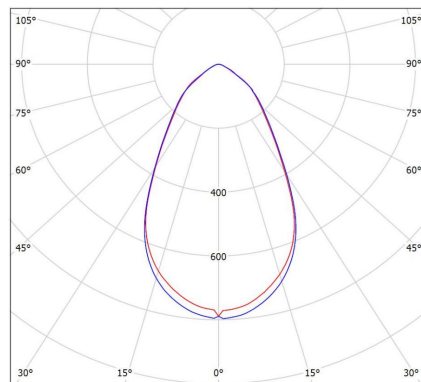
**12°**



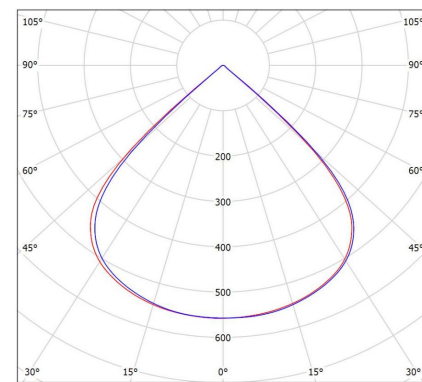
**30°**



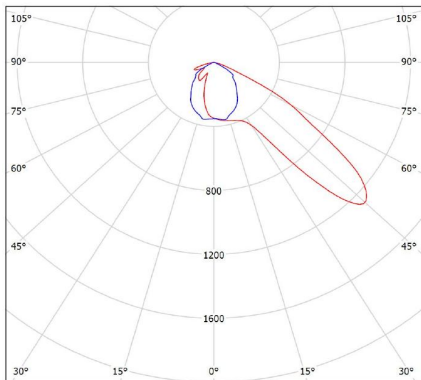
**60°**



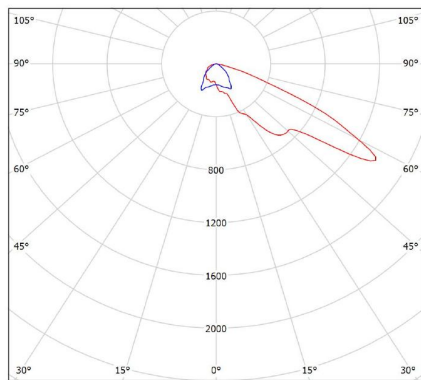
**90°**



**A45°**



**A60°**



## Lens and Beam Angle

Asymmetrical light distribution), no backlight. Type  
Symmetrical light distribution) for large open area.



Good Backlight Control

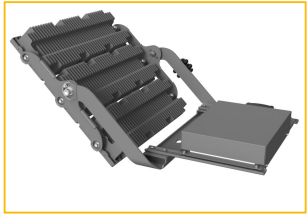


Good Backlight Control

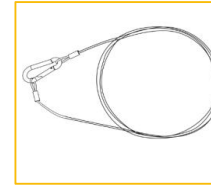
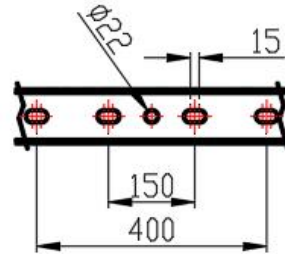
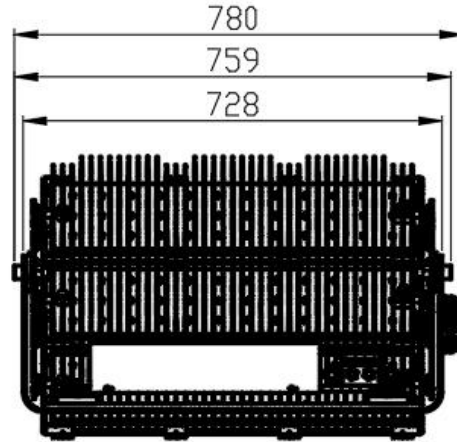
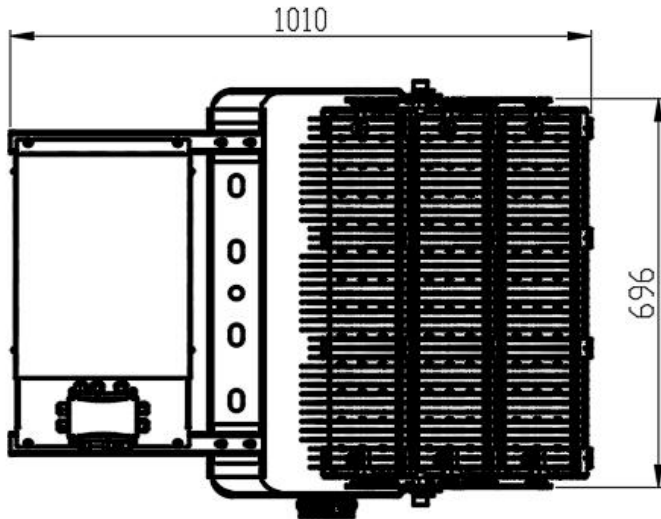
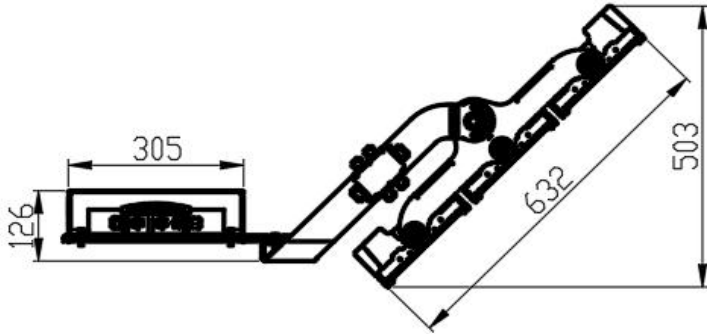


Large Open Area

# Technical Drawing & Accessories



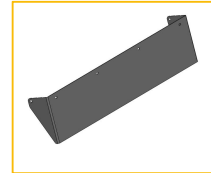
**Bracket Mounting**



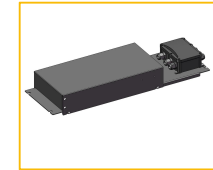
**Safety Rope**  
Auxiliary safety device to prevent accidents.



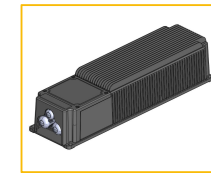
**Precision Aiming Device**  
Accurate adjustment of luminaire projected position.



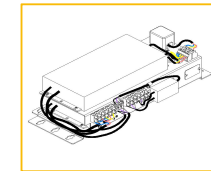
**Visor**



**Internal Application**  
Driver 2 (IP65)  
Used with lamp body installation.



**Internal Application**  
Driver 1 (IP65)  
Used with lamp body installation.



**Internal Application**  
Driver 3 (IP20)  
Used when separated from lamp body for installation.