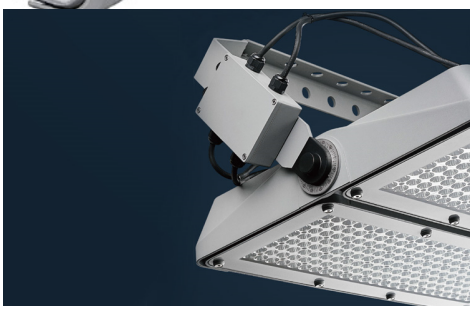
DIMON
TECHNOLOGY

Technical Datasheet

HAYE

400W- 1200W IP66

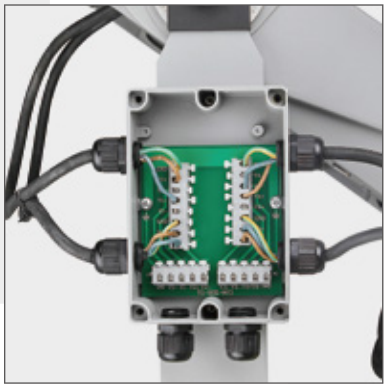


The HAYE Projector Light is finished by Die-cast aluminium with separated and integrated LED Driver Box , with surface anti-ageing electrostatic spray processing,special anti-corrosive and anti ultraviolet powder, Super resistance to corrosion and rotated bracket, and Heat Resisting Cable.Adopt modular light distribution Lens or Reflector and super white tempered glass.

Fixture Detail-Foucs On Every Detail

When installing lamps and lanterns, the projection position of the light is precisely controlled by the aiming sight, and the safety rope is installed after the angle adjustment, which can prevent the lamps and lanterns from falling unexpectedly.

Complete with protractor scale for precise aiming of the floodlight.



Terminal box for each electrical connection is insert into separate watertight box.

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LED

Complete with protractor scale
for preciseaiming of the floodlight.

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400W- 1200W IP66

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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 with LED Driver LED燈具包括LED驅動電源功率 Consumo de energía con controlador de LED	• 400W 600W 800W 1000W 1200W (Refer to Technical Drawing)
Input Voltage / 輸入電壓 Voltaje de entrada	• 100-240VAC 50-60Hz • Inrush current: 30A • Inrush time:3.52 ms @ 220Vac input, 25□ cold start,
Control 控制 Control	• SW -ON/OFF Dali Control 0-10V Control DMX512 Zigbee Wireless Control
Power Factor / 功率因數/Factor de potencia	• PF>0.95@230Vac
Total Harmonic Distortion/總諧波失/Distorsión armónica total	• THD<20%
Protection Against Surgers/防護措施/PROTECCIÓN CONTRA LAS PROMOCIONES:	20 KV
Light Source Brand-光源品牌-Fuente de luz de marca	Lumiled @ mono Color or CREE@RGBW
"Lumen Maintenance LM-80 Reported by TM-21"	L90(10k) = 50,700 hrs L80(10k) > 63,500 hrs L70(10k) > 63,500 hrs
LED Life-LED壽命-La vida del LED	>50,000 hours
Color Temperature and Color 色溫和顏色 Temperatura y color del color	• 2700K 3000K 4000K 5000K 6500K RGBW(3000K;4000K;5000K or 6500K)
Color Rendering Index-顯色指數 Índice de reproducción cromáca	• >80 @ Mono White
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	• 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 Flujo luminoso inicial (flujo del sistema)	• 120 lm/w(2700K & 3000K) 130 lm/w(4000K) • 135 lm/w(5000K & 6500K) 65 lm/w@ RGBW(3000K;4000K;5000K or 6500K)
LED Source Luminous Efficacy LED光源光效 Fuente luminosa LED Eficacia	• 140 lm/w(2700K & 3000K) 150 lm/w(4000K) • 155 lm/w(5000K & 6500K) 85 lm/w@ RGBW(3000K;4000K;5000K or 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 Die fundición de aluminio y vidrio templado
Housing Color 外殼顏色 color de la carcasa	Polyester powders Coating(RAL 9005 Silver or RAL 9022). 聚酯粉末塗料 (RAL 9005 銀灰色 or RAL 9022) Polvos de poliéster Revestimiento(RAL 9005 Plata or RAL 9022)
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	IK09
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcion amiento	-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
Operating Humidity -工作濕度 Humedad de funcionamiento	0~90%, non-condensing-不結霜 sin condensación
Dimension (LxWxH) 尺寸 Dimensión	• L:760 x W:327 x D: 230 mm @ 400W & 600W L:825 x W:615 x D: 300 mm@ 800W & 1000W &1200W
Net Weight 淨重 Peso Neto	• 22.0kg@400W & 600W 32.0kg@ 800W & 1000W &1200W
Packing box size 包裝箱尺寸 Tamaño de la caja de embalaje	• 780 x 415 x 220mm @ 400W & 600 • 840 x 810 x 165mm @ 800W & 1000W &1200W
Certificate Standard Complied 符合安規標準 estándar certificado de cumplimiento	LED Luminaries: IEC 60598-1;IEC 60598-2-5;IEC62471;RoHS LED Driver: IEC61347-1; IEC61347-2-13; IEC 62384; IEC 61000-3-2; IEC 61000-3-3;IEC 61574;EN 55015
Certification-認證-Certificación	TÜV Product Service, UK DESIGN, CE, IK 09, IP66, LM 80, 0-10V, DALI

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: HAYE-1200W-DA-A1-40-80

HAYE - - ____

POWER CONSUMPTION

POWER CONSUMPTION	
Code	Description
400W	400W
600W	600W
800W	800W
1000W	1000W
1200W	1200W

Technical Drawing

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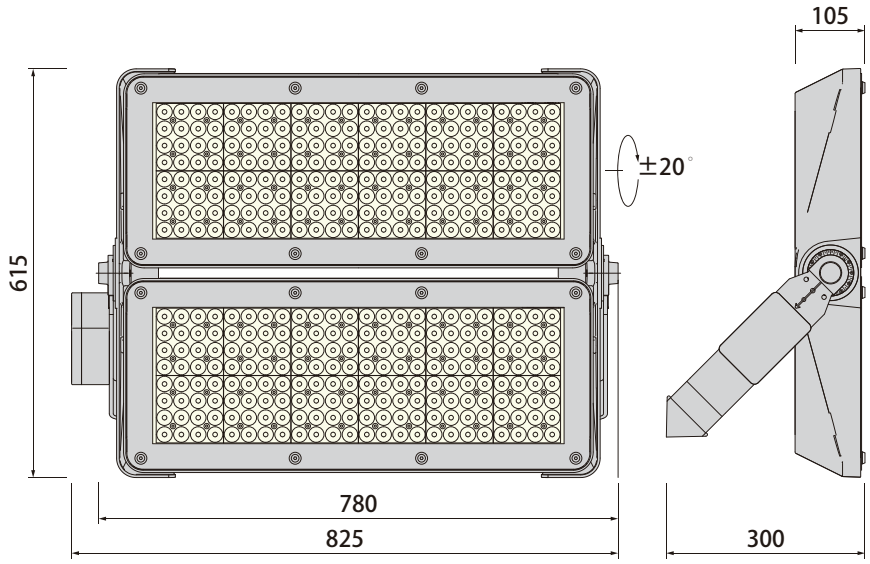
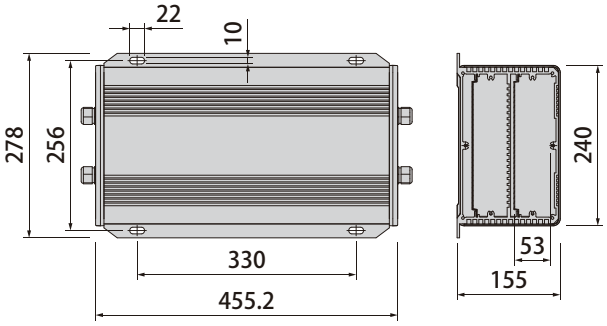
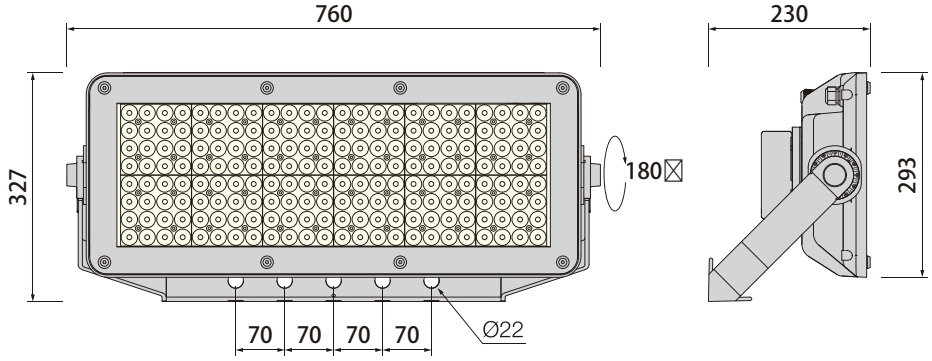




800W-1200W



400W-600W

Unit: mm

Beam Angle
REFLECTOR

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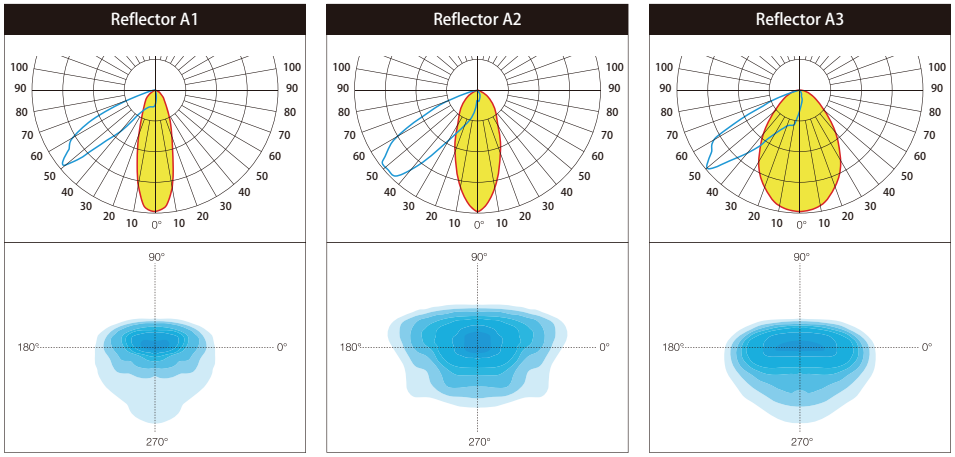
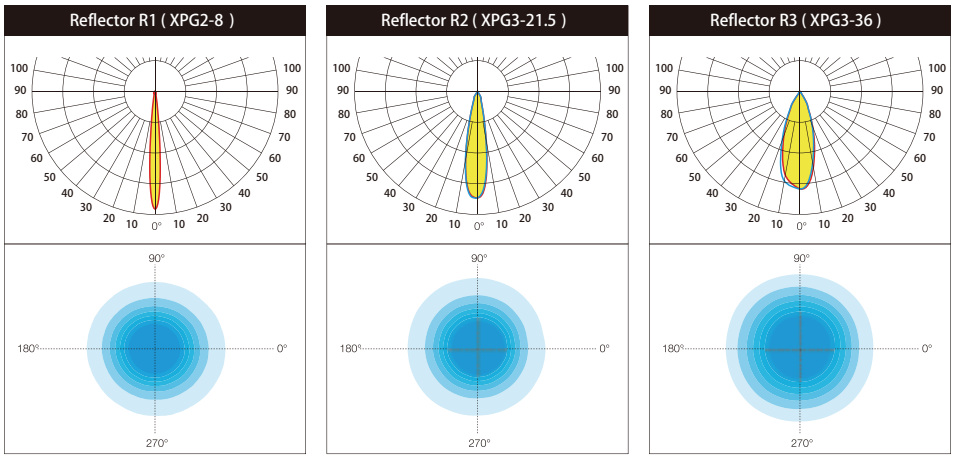
Reflector Application

Asymmetrical beam angle



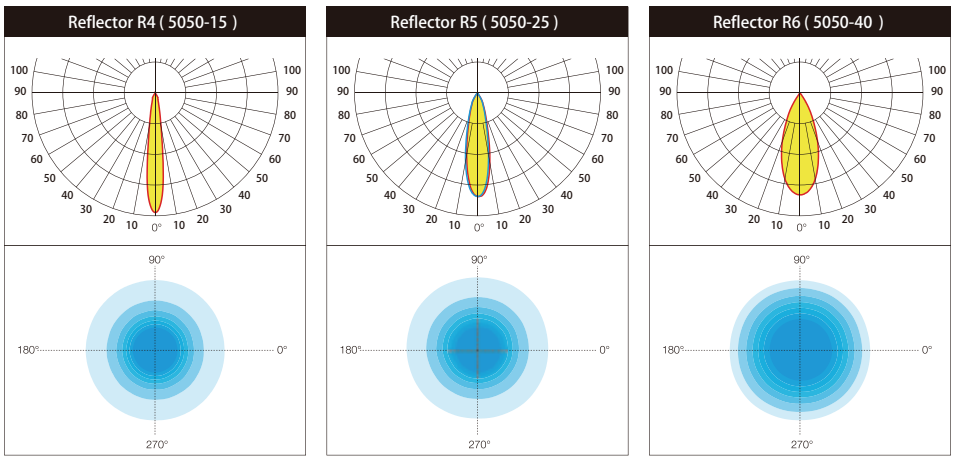
Reflector Application

Symmetrical beam angle



Reflector Application

Symmetrical beam angle



Beam Angle
LENS

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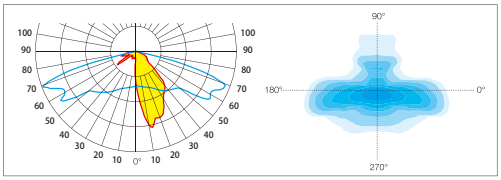
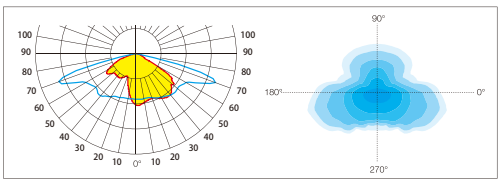
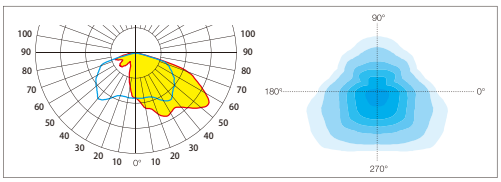
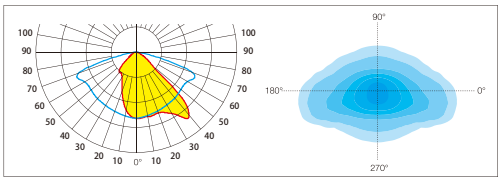
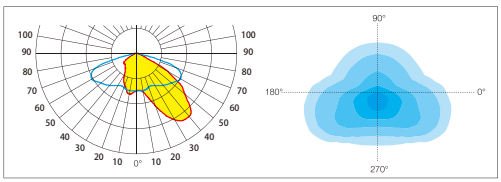
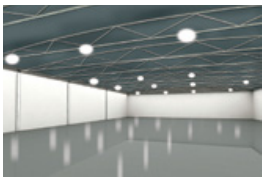
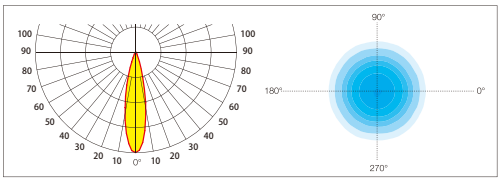
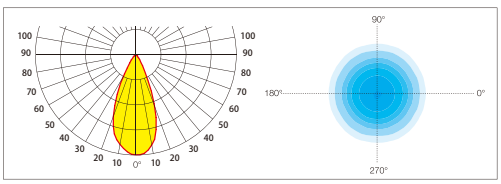
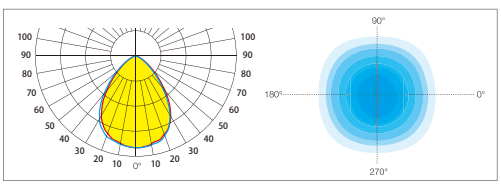
Asymmetrical beam angle

LENS

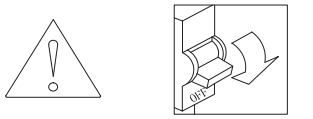
T2A			Asymtric light distribution for Narrow road. LED Chips: 2×2
T3A			Asymtric light distribution for Residential street. LED Chips: 2×2
T4A			Asymtric light distribution for wide area. LED Chips: 2×2
T3			Asymtric light distribution for urban road. LED Chips: 2×2
T4			Asymtric light distribution for motorway road. LED Chips: 2×2

Symmetrical beam angle

LENS

T25			Symtric light distribution for narrow angle flood, highbay lighting. LED Chips: 2×2
T60			Symtric light distribution for middle angle flood, highbay lighting. LED Chips: 2×2
T90			Symtric light distribution for middle angle flood, highbay lighting. LED Chips: 2×2

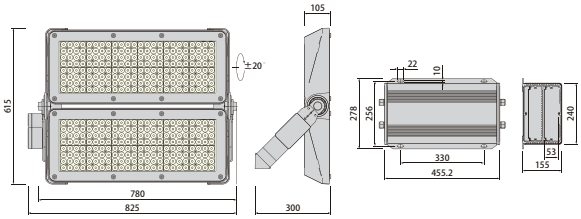
Fixture Type: LED Hight Mast Light HAYE Series



OFF

Please read the instruction manual carefully before commencing installation and retain for future reference;
Please switch off the electricity at the mains before installation and operated by professional personnel.

Production Dimension



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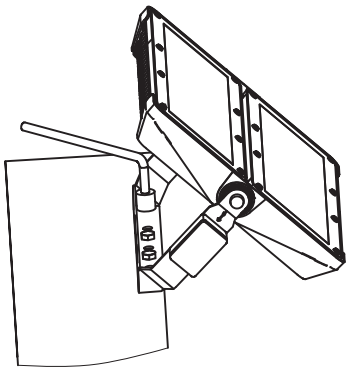

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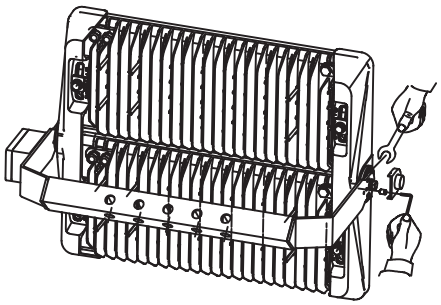

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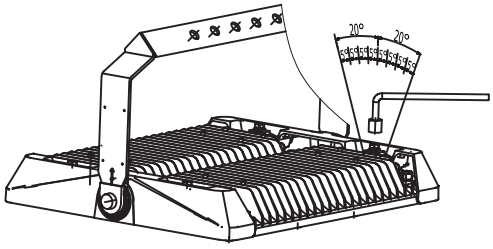

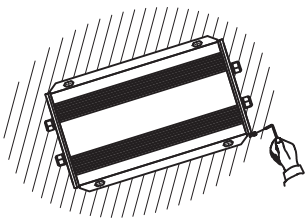

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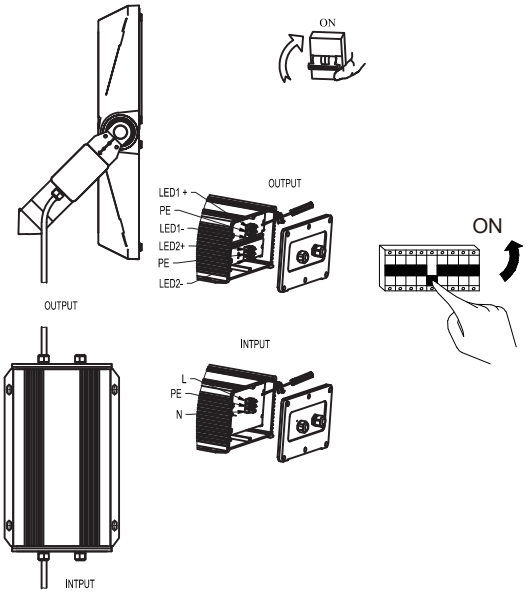

*For more details, refer to the HAYE data sheet.