









PICHA

RGBW D47.3mm 1.9W Max IP68


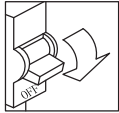
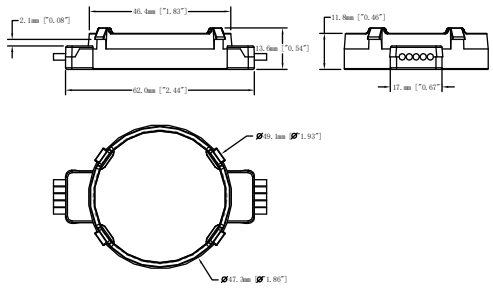
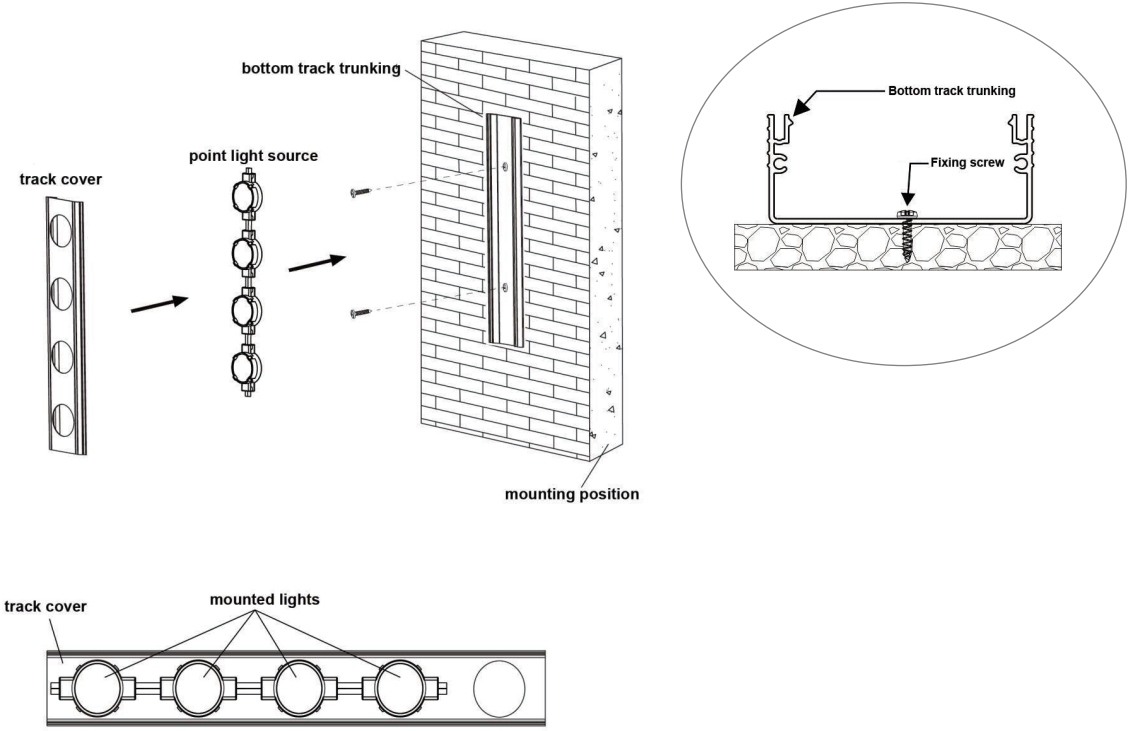


LED PIXEL LIGHT is a indoor and outdoor fixture with RGBW color for media façade application. It is able to be controlled by DMX and RDM. Built-in 16-bit PWM embedded LED IC, featuring 16-bit gray scale control, supports up to 65,536 gray scales for color depths. The high visual refresh rate can facilitate CCD cameras and video cameras to capture the full video images in real time without flickers.

Technical Data

Luminaire Type/ 安裝方式 Tipo de luminaria	Surface Mounted Type 明裝式燈具 Superficie Tipo Montado
QTY of LEDs-燈珠數量-CANT de LEDs	6pcs RGB(3 in 1) SMD LEDs + 6pcs W SMD LEDs
Power Consumption Max 燈具最大功率 Consumo de energía Max	1.9W
Color -顏色-Color	<ul style="list-style-type: none"> • RGBO (Orange White: 2700K) • RGBW (Warm White: 3000K) • RGBN(Nature White: 4000K) • RGBD (Day White: 5000K) • RGBC (Cool White: 6500K)
Pixels & DMX Channels 像素和DMX 通道 Píxeles y canales DMX	1 PXL =4 DMX Channels 1 PXL= 4 DMX Channels Tailor-made - 客制生產-Hecho a medida
Control Protocol-控制協議 Protocolo de Control	DMX 512A / RDM
Input Voltage / 輸入電壓 Voltaje de entrada	DC24V
Color Range 顏色範圍 Gama de colores	16.7 Million additive RGB colors and White LED 1670萬RGB顏色配合白光LED 16.7 Millones de colores aditivos RGB; LED blanco
RGBW Color Resolution with Gamma correction RGBW顏色經過伽馬校正的分辨率 Resolución de color RGB W con la corrección de gamma	4 x 16-bit gray scale control and Gamma correction, supports up to 65,536 gray scales for color depths 4 x 16位灰度控制, 支持高達65,536個灰度級的顏色深度 4 x control de escala de grises de 16 bits, soporta hasta 65.536 escalas de gris para profundidades de color
Beam Angle/光束角 ángulo de haz	110°
Light Source Brand/光源品牌 Fuente de luz de marca	EPISTAR - (Photobiological safety-IEC 62471 'Risk Group 1' (low risk))
LED Life/LED壽命 La vida del LED	>50,000 hours
MacAdam Ellipses Binning 麥克亞當橢圓分級 Mac Adam binning elipse	Standard Deviation Colour Matching < 2 SDCM 標準偏差配色 < 2 SDCM Coincidencia de color estándar Desviación < 2 SDCM
LED Pitch LED像素間距 LED Pitch	148 mm min can be customized
Pixel Connection Max 一串最大像素點 Pixel Connection Max	Max 40pcs / string 40pcs 一串最大 Max 40 unids / cadena
Luminaire Efficacy-燈具效率 La eficacia de la luminaria	<ul style="list-style-type: none"> • 20 Lm/w(RGBO@Full Load) • 20 Lm/w(RGBW@Full Load) • 25 Lm/w(RGBN@Full Load) • 30 Lm/w(RGBD@Full Load) • 30 Lm/w(RGBC@Full Load)
LED Source Luminous Efficacy-LED光源光效 Fuente luminosa LED Eficacia	<ul style="list-style-type: none"> • 40 Lm/w(RGBO@Full Load) • 40 Lm/w(RGBW@Full Load) • 50 Lm/w(RGBN@Full Load) • 60 Lm/w(RGBD@Full Load) • 60 Lm/w(RGBC@Full Load)
Housing materials/外殼材料 Materiales de la carcasa	Modified PVC PVC Modificado PVC
Housing Color 外殼顏色 color de la carcasa	White with light gray wire / Black with black wire 白色燈板及淺灰色線 / 黑色燈板及黑色線 Blanco con cable gris claro / Negro con cable negro
Dimension/尺寸 Dimensión	Dia: 47.3 x H: 13.6 mm
Weight	33g / pixel
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de funcion amiento	-20 °C / +55 °C
Operating Humidity -工作濕度 Humedad de funcionamiento	0~90%, non-condensing-不結霜 sin condensación
Ingress Protection/ 防護等級 Protección de ingreso	IP68 - (IEC 60529)
Environment/ 使用環境 Medio ambiente	Outdoor /戶外/al aire libre
Country of Origin 產地	PRC 中國
Comply Testing Standard 符合測試標準 Cumplir el estándar de prueba	LED Luminaires: IEC 60598-1 / IEC 60598-2-3 / Photometric data-IES format LED Driver: EN 55015 / IEC 61000-3-2 / IEC 61347-1 / IEC 61347-2-13 6 / IEC 61547
Certification-認證-Certificación	       

Fixture Type: LED Pixel Light PICHA Series

  <p>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.</p>	<p>Production Dimension</p> 
	

*For more details, refer to the PICHA data sheet

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: [PICHA-1.9W-RGBW-1P-B-DMX](#)

PICHA - - - - - 1P - - - - -

Power Consumption
Color Temperture
PIXELS
House Color
Control Type

Power Consumption		Color Temperture		PIXELS		House Color		Control Type	
Code	Description	Code	Description	Code	Description	Code	Description	Code	Description
1.9W	1.9W Max	RGBO	RGBO(2700K)	1P	1 Pixel	W	White with light gray wire	DMX	DMX
XXW	Tailor-Made	RGBW	RGBW(3000K)			B	Black with black wire	RDM	RDM
		RGBN	RGBN(4000K)						
		RGBD	RGBD(5000K)						
		RGBC	RGBC(6500K)						

Accessories



MANYA



SLADE

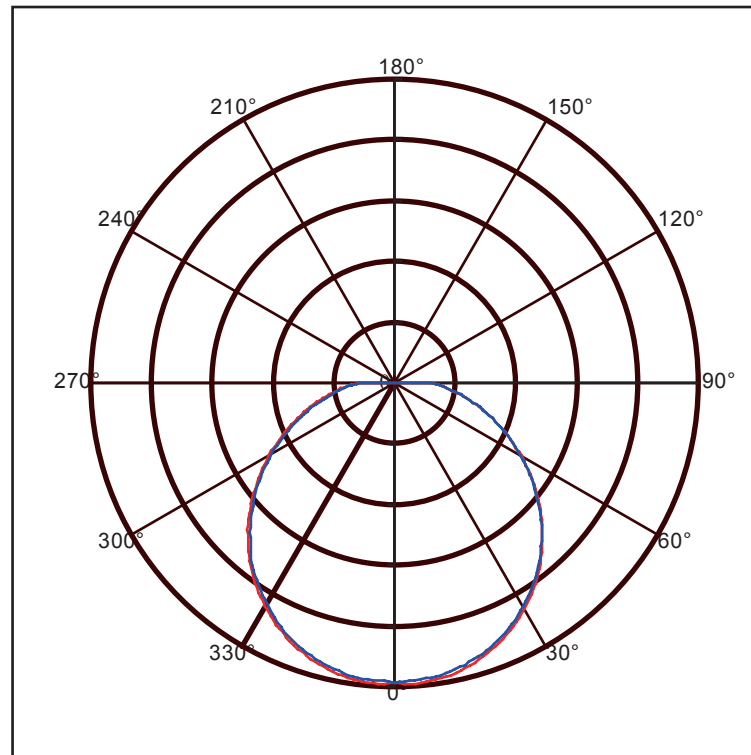


CORE-DMX SPLITTER

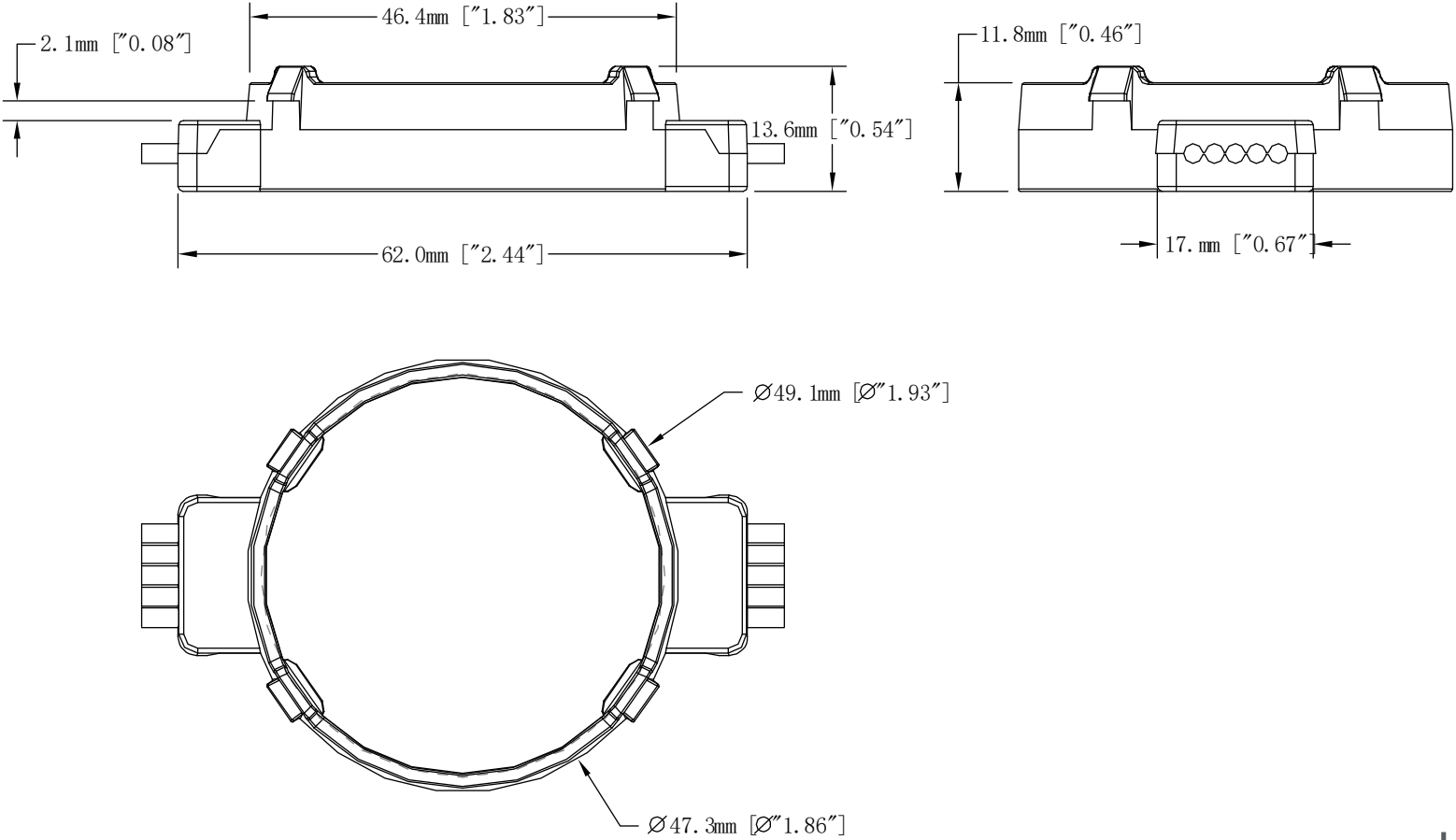


HLG-100H

BEAM ANGLE



Technical Drawing



Unit: mm