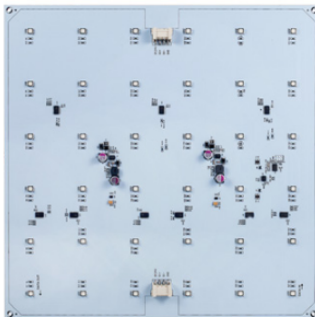
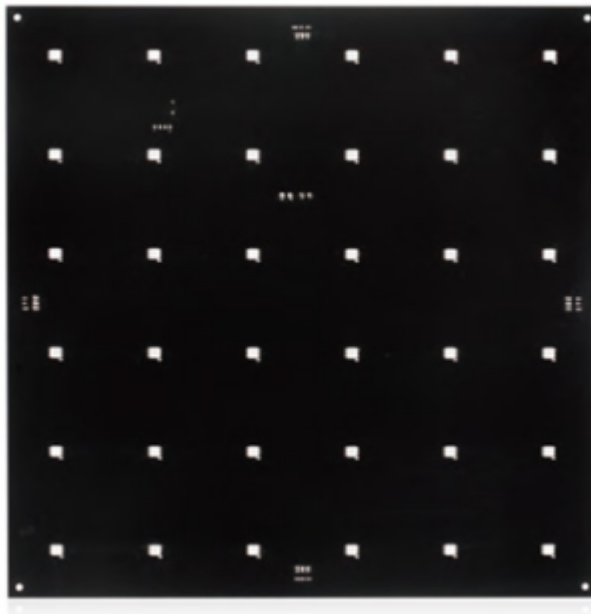








## MOLORY

SQ250 & 300 mm



- This LED DMX Panel is designed for lighting box, backlight and so on
- Used Top Brand Glue for better heatconduction, strong temperature withstand and perfect waterproof performance
- Apply solid capacitor and other good brand components on PCB for long life time.
- With wide voltage range design, LED color always keep same brightness after long distance power supply.
- Standard DMX512 control protocol(Max 44frames/second).
- Lightning and ESD Protection
- Electrical Protections: short circuit, over current, over voltage and over temperature.

## Technical Data

Leds Matrix in LED DMX Panel LED DMX面板中的LED矩陣 Matriz de Leds en Panel LED DMX	<ul style="list-style-type: none"> <li>• 16 pixels = 4*4 Leds Matrix</li> <li>• 36 pixels = 6*6 Leds Matrix</li> </ul>
Luminance Pitch 燈珠間距 Paso de luminancia	<ul style="list-style-type: none"> <li>• 62.5mm 16 pixels = 4*4 Leds Matrix @250*250mm</li> <li>• 41.6mm 36 pixels = 6*6 Leds Matrix@250*250mm</li> <li>• 50 mm 36 pixels = 6*6 Leds Matrix@300*300mm</li> </ul>
Color -顏色-Color	• RGBW ( 3000K / 4000K / 5000K / 6500K)
Color Range RGBW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
Pixels & DMX Channels像素和DMX 通道 Píxeles y canales DMX	<ul style="list-style-type: none"> <li>• 16 Pixels = 64 DMX Channels</li> <li>• 36 Pixels = 144 DMX Channels</li> </ul>
Power Consumption Max 燈具最大功率 Consumo de energía Max	<ul style="list-style-type: none"> <li>• 7.5W 16 pixels = 4*4 Leds Matrix @250mm x 250mm</li> <li>• 10 W 36 pixels = 6*6 Leds Matrix@250mm x 250mm or 300mm x 300mm</li> </ul>
Control Protocol-控制協議 Protocolo de Control	DMX 512 / RDM
Input Voltage / 輸入電壓 Voltaje de entrada	DC24V
Beam Angle/光束角ángulo de haz	120°
Light Source Brand/光源品牌 Fuente de luz de marca	OSRAM or Taiwan Epistar
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 ellipse	Standard Deviation Colour Matching < 3 SDCM 標準偏差配色 < 3 SDCM Coincidencia de color estándar Desviación < 3 SDCM
Luminaire Efficacy-燈具效率 La eficacia de la luminaria	• 65 Lm/w @ RGBW @ Full Load
Luminance	<ul style="list-style-type: none"> <li>• 400 cd/sq .m (nits) @ 16 pixels</li> <li>• 600 cd/sq .m (nits) @ 36 pixels</li> </ul>
Color Rendering Index-顯色指數 Índice de reproducción cromática	> 80 @ MONO
Housing materials/外殼材料 Materiales de la carcasa	Aluminium PCB 鋁合金 PCB PCB de aluminio
Housing Color/ 燈體顏色 / Color de la carcasa	• White 白色 Blanco    Black黑色 Negro
Operating Temperature Range / 工作溫度範圍 Rango de temperatura de función ambiente	-20 °C / +50 °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	IP20
Dimension/尺寸 Dimensión	<ul style="list-style-type: none"> <li>• W: 250 x L: 250 mm x H: 12mm</li> <li>• W: 300 x L: 300 mm x H: 12mm</li> </ul>
Comply Testing Standard 符合測試標準 Cumplir el estándar de prueba	LED Luminaires: EN 60598-2-1:1989; EN 60598-1:2015+A1:2018; EN 62471:2008; EN 62493:2015; EN 62031:2008+A1:2013+A2:2015; EN55015 ; EN61547 RoHS Directive 2011/65/EU
Certification-認證-Certificación	     

Project	Fixture#	Date
		Firm



## Ordering Information

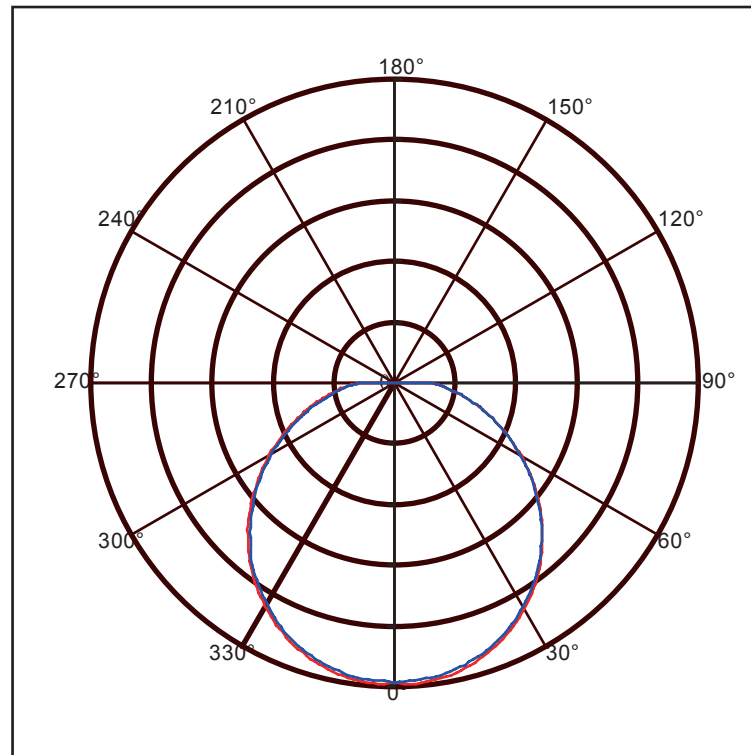
Choose the option that suits your need and write its corresponding code on the appropriate line to form the product code.

Example product code: [MOLORY-7.5W](#)

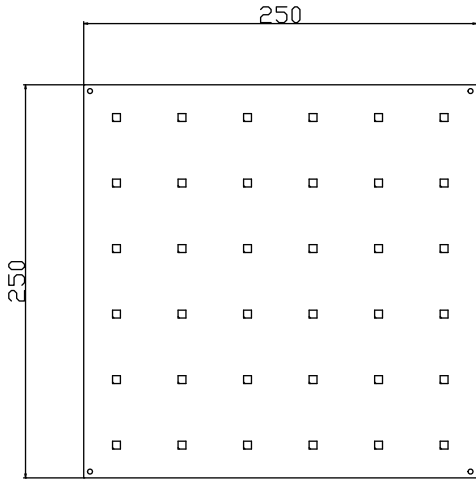
MOLORY - - \_\_\_\_\_  
Power Consumption

Power Consumption	
Code	Description
<a href="#">7.5W</a>	7.5W 16 pixels 4*4 Leds Matrix @250mm x 250mm
<a href="#">10W</a>	10 W 36 pixels = 6*6 Leds Matrix@250mm x 250mm
<a href="#">10W</a>	10 W 36 pixels = 6*6 Leds Matrix@300mm x 300mm

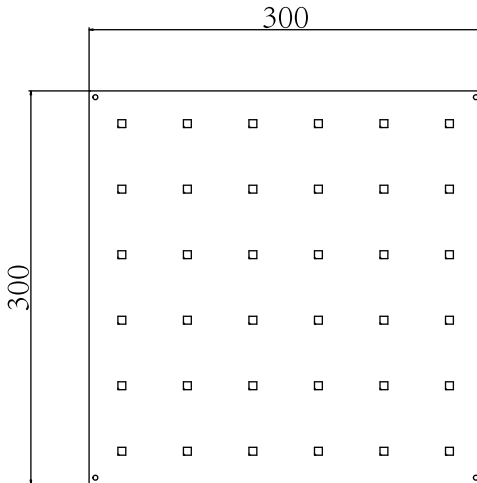
# BEAM ANGLE



# Technical Drawing

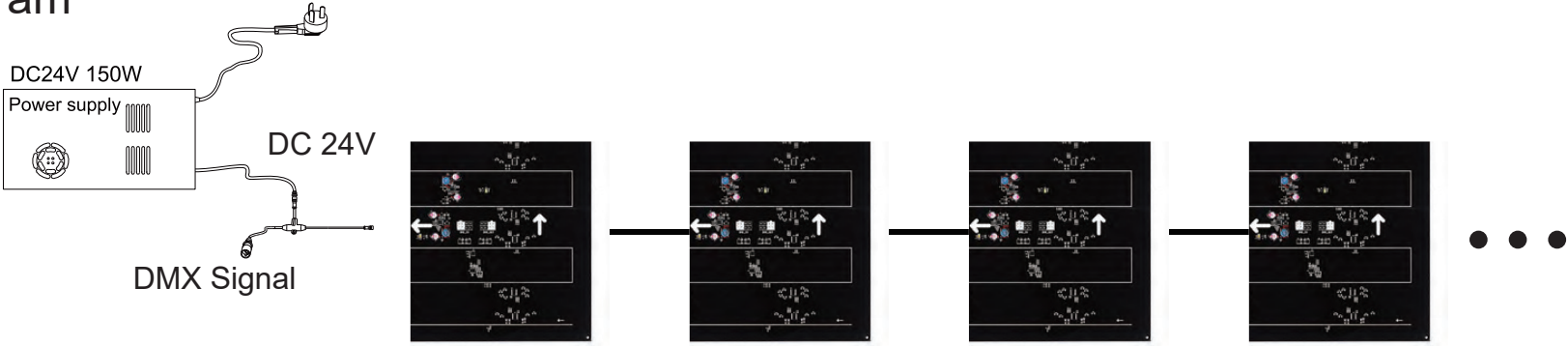


LED: 6\*6PCS



LED: 6\*6PCS

## Diagram



Unit: mm