

GP-24SFI (M64_RGB_120D)
GP-24SWI (M64_WW_120D)
GP-24SCI (M64_CW_120D)
GP-24SDI (M64_EW_120D)

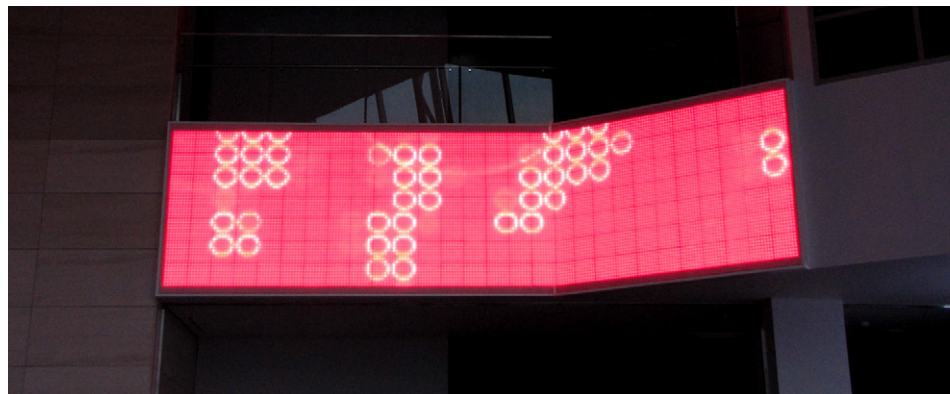
M64



M64 is an efficient lighting fixture for dynamic communication and visual enhancement. M64 reproduces full color medium resolution graphics, text and video in indoor environment, and its thin profile makes it ideal for placement behind solid or fabric diffusion material for softened image quality and evenly distributed light.

FEATURE

- Low profile ideal for placement behind solid or fabric diffusion materials
- Simple connection with installation bracket



I-Tower
Real time message and image
transmission to deliver various
contents to the visitors
May, 2013. Korea

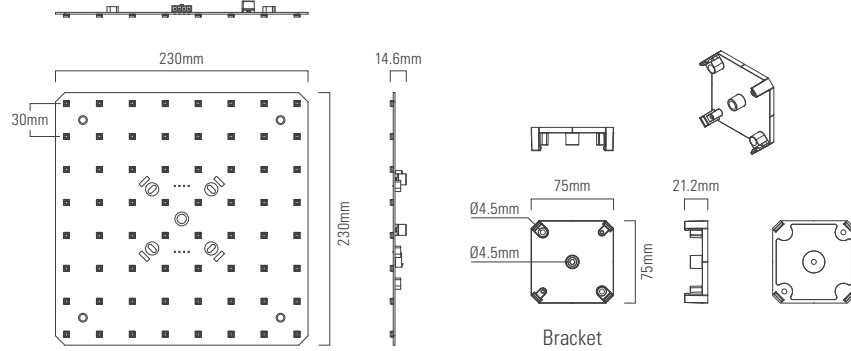
PRODUCT SPECIFICATIONS

Parameter	RGB	White
Model Number	GP-24SFI	GP-24SCI
Color Temperature	-	5,300K
Material	PC	PC
Size (w × h × d)	230mm x 230mm x 14.6mm	230mm x 230mm x 14.6mm
Weight	250g / 0.55 lbs	250g / 0.55 lbs
Power Consumption	Max. 24W	Max. 24W
Lamp	Full color SMD LED x 64	White SMD LED x 64
Pixel Pitch	30mm	-
Brightness	480 lm, 2600nit (Not calibrated)	1230 lm, 6800nit
Color Rendering index (Ra)	-	70 ~ 80
Beam Angle	120°	120°
Color Process	3 x 16 bit (Gamma correction)	1 x 16 bit (Gamma correction)
Control	DMX512, Video control	DMX512, Video control
Operating Voltage	24V DC	24V DC
Main Power Source	24V DC	24V DC
Addressing	Auto address setting	Auto address setting
Protection	Indoor	Indoor
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-10°C ~ 60°C / 14°F ~ 140°F	-10°C ~ 60°C / 14°F ~ 140°F

SYSTEM SPECIFICATIONS

Main Input Cable	Max. 20m (AWG16 x 4C)	Max. 20m (AWG16 x 4C)	from PDD BOX
Jumper Cable	400mm (AWG16 x 4C)	400mm (AWG16 x 4C)	
Maximum Connection	Video control	Total 16 fixtures, 4 fixtures per port	Total 16 fixtures, 8 fixtures per port
	DMX control	Total 16 fixtures, 2 fixtures per port	Total 16 fixtures, 4 fixtures per port

TECHNICAL DRAWING

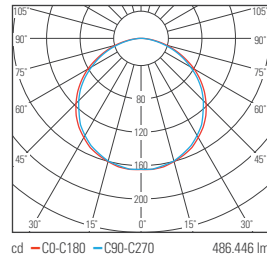


PHOTOMETRICS

GP-24SFI (M64_RGB_indoor_120D)

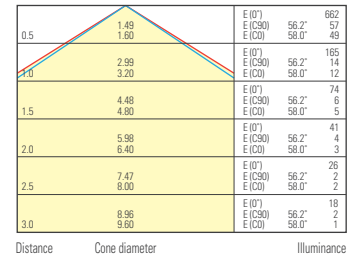
- Source : 3 in 1 full color SMD LED x 64
- Beam angle (Optics) : 120°
- Size: 230 x 230 mm

Measured on white (RGB)



Color	Lumens
White (RGB)	486
Red	158
Green	282
Blue	52.7

Measured on white (RGB)



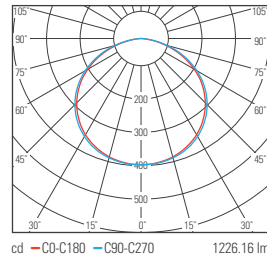
Horiz. spread: 116.0°
Vert. spread: 112.4°

GP-24SFI (M64_CW_Indoor_120D)

- Source : SMD white LED x 64
- Beam angle (Optics) : 120°
- Size: 230 x 230 mm

Polar LDC

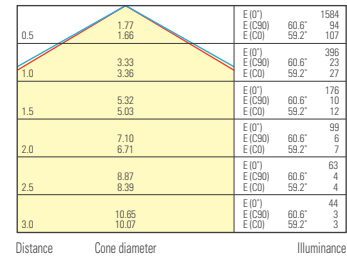
Measured on white (CW)



Color	Lumens
Cool white	1226

Illuminance at distance

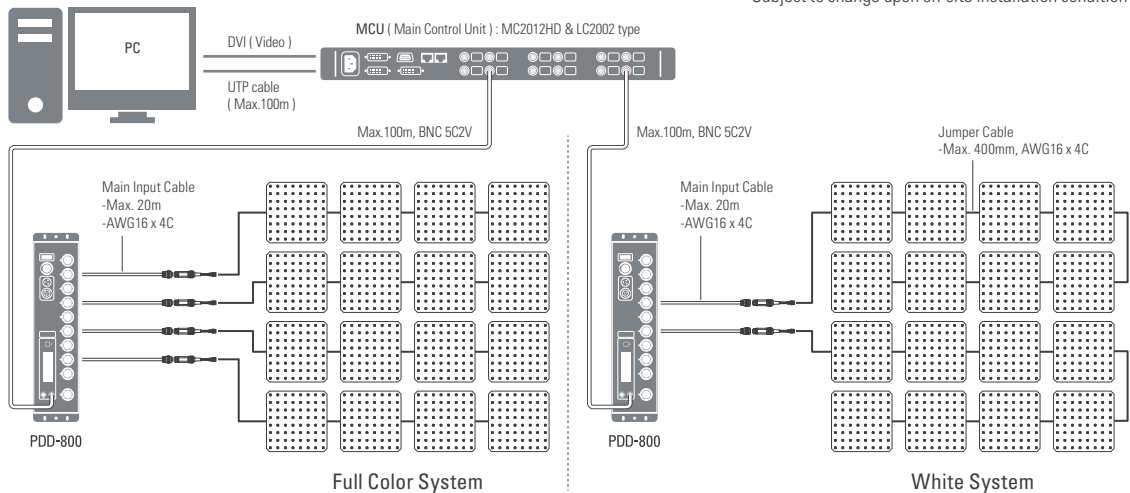
Measured on white (CW)



Horiz. spread: 118.4°
Vert. spread: 121.2°

Photometric measurements are carried out by an independent laboratory. IES files are available for download from Galaxia Electronics website.

SYSTEM BLOCK DIAGRAM



- Subject to change upon on-site installation condition