



Application:

- ◆ Low-resolution video wall
- ◆ Large area panel wall
- ◆ Architectural illumination

Product characteristics:

- ◆ Surface-mounted wall luminaries with 360 individually controllable high brightness RGB LED.
- ◆ Control and series technologies are integrated inside the fixture.
- ◆ Horizontal and vertical frameless composition to form a luminous (video wall).
- ◆ Energy and maintenance efficient LED lighting.
- ◆ Light color: RGB.
- ◆ Letters, pictures and videos and other effects can be displayed.
- ◆ Control: different possibilities: from user-friendly small applications up to complex integration in all building automation systems.
- ◆ Signal control lead from fixture to fixture by standard Ethernet cabling system (RJ45 and CAT5E) .
- ◆ Playing of Video Contents or texts in high quality
Easy commissioning with Panel.

SPECIFICATIONS

Basic Specifications

Color Range	16,777,16 (24bit) additive RGB colors
Source	High bright LED/120R, 120G, 120B
Source Life	50000 hours(Typical data)
Size	L 900mm X W 810mm X H 108.8mm
Pitch	45mm
Resolution	494/m ²
Net Weight	18kg

Environment Specifications

Working Temperature	-4°F to 122°F (-20°C to 50°C)
Storage Temperature	-40°F to 158°F (-40°C to 70°C)

Optical Specifications

Brightness	250 nit
Beam Angle	170°

Communication Specifications

Input Interface	LiteMagic private data interface
Data Cable	CAT 5 E UTP,MAX transmission distance is 100m

Electrical Specifications

Working Voltage	DC 5V
Input Voltage	85-265VAC
Maximum Power	108W/m ²
Consumption	
Average Power Consumption	90W/m ²

Controller

Host Controller	SD3000 , SD4000 , SD5000
Slave Controller	DR8104 (Build-in)

Order Information

201-00002-02	Magic Tile 45 color tile
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MAGIC TILE-45

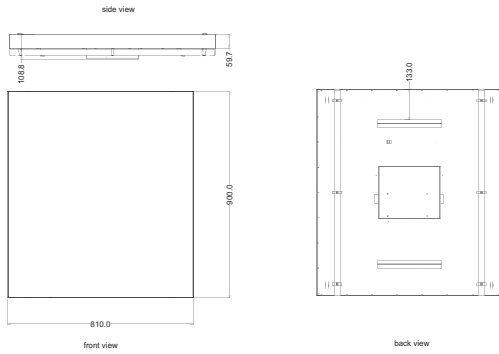
Magic Tile-45 is an innovative LED color panel which is designed for indoor wall decoration and ceiling. The amazing lighting effects can create background atmosphere for Bars and Discos.

Magic Tile-45 can be combined with another directly to form LED video wall after installation. Each panel has 360 individually controllable pixels. An entire video wall can play symmetrical or dynamic letters, pictures, or video, etc and various lighting effects.



Physical Dimension:

Unit : mm



ACCESSORIES

Power Cable		Mounting Accessories		
Controller- Light source C1-2N07B01-E	Light source – light source C1-2N07B01-F	Rubber Plug FG-GST227-002	Screw GB/T951-86	hook FC-MTL243-001
Extension Cable				
Light source – light source CQ-8E01HXX-B	Controller – Light source CO-8E01H01-R			

Controlling system drawing :

