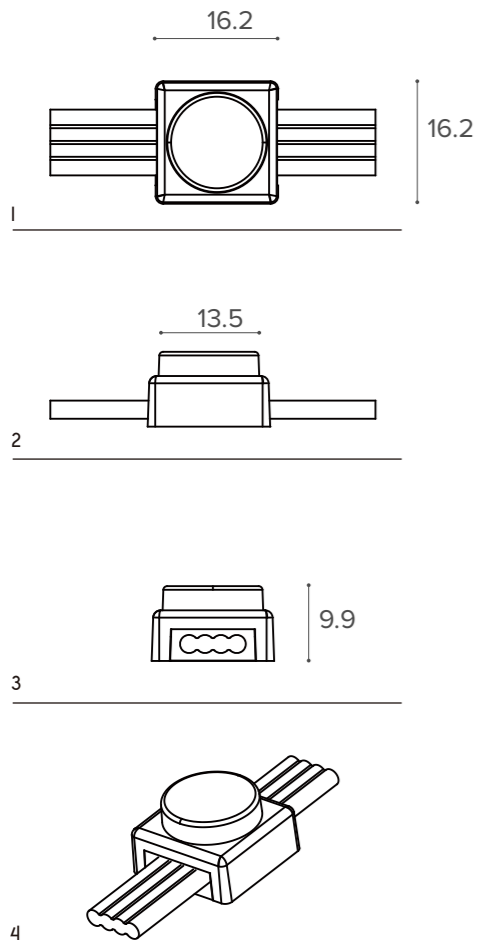


Product Dimension (mm)



Product Features

Application:

Pixel mesh is a high transparency, quick installation, easy maintenance, light weight and flexible mesh screen, which is suitable for different creative media façade projects. The pixel pitch can be customized based on project requirements (30mm-160mm). Protection grade IP67, anti-UV resistance, flame retardant V0, electrical safety Class III, all these allows the mesh to be working effectively with stability in outdoor environment. The pixel mesh can work with different size/shape, with beam angle 120°, suitable for various solutions (advertising signs, large screens & facades etc.).

Lighting Performance:

High brightness pixel mesh, visible daytime, suitable for various media solution; color resolution 16bit, makes the picture more delicate and smooth; built-in electronic drive with over-temperature overload protection;

Structure:

Transparent housing, transparent wires and clips, maximally improve the permeability of the screen; flexible mesh and hard mesh 2 kinds of structure can meets different project requirements, can be curled, can be customized; the installation structure is simple.

Control:

leds are available in TTL control or monochrome, with 8 output ports per controller and up to 512 full-color pixels per output port.

Technical Specification

Model	C1 Mesh-P40mm	C1 Mesh-P50mm	C1 Mesh-P62.5mm
Chip Brand	CREE/Epistar	CREE/Epistar	CREE/Epistar
LED Source	1 SMD	1 SMD	1 SMD
Color Resolution	16bit	16bit	16bit
Beam Angle	120°	120°	120°
Pixel Pitch	625PCS/M2	400PCS/M2	256PCS/M2
Housing	Transparency	Transparency	Transparency
Housing Color	PC	PC	PC
Installation	Flexible Mesh	Flexible Mesh	Flexible Mesh
Weight	7kg/M2	5.2kg/M2	4kg/M2
Certification	CE,RoHS,ETL	CE,RoHS,ETL	CE,RoHS,ETL
Operating Voltage	DC5V	DC5V	DC5V
Power Consumption	160W/M2	100W/M2	64W/M2
Control	TTL	TTL	TTL
Ingress Protection	IP67	IP67	IP67
Fire Protection Rating	UL94-V0	UL94-V0	UL94-V0
Operating Temperature	-35~60°C	-35~60°C	-35~60°C
Storage Temperature	-40~70°C	-40~70°C	-40~70°C
Lifespan	≥80000h	≥80000h	≥80000h



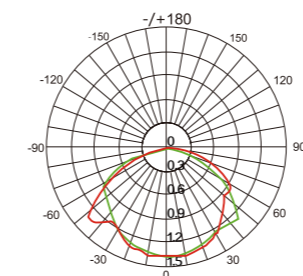
Optical Parameters

C1 Mesh-P40mm

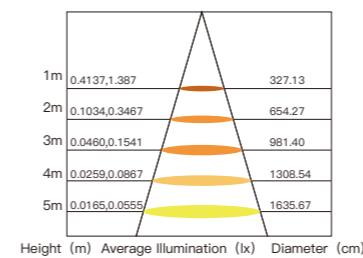
LED 1PCS Red620nm-6*800mcd
 DC5V Green520nm-6*1200mcd
 160W Blue465nm-6*430mnd
 TTL RGB

Light Intensity: 1.428cd
 V 0°/133.1° H 0°/130.5°

Distribution Curve Flux



Illumination Icon

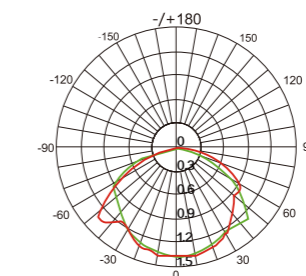


C1 Mesh-P50mm

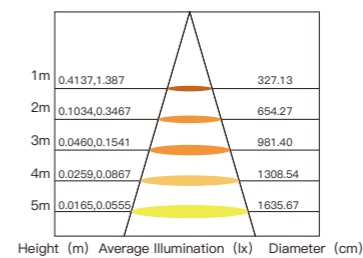
LED 1PCS Red620nm-6*800mcd
 DC5V Green520nm-6*1200mcd
 100W Blue465nm-6*430mnd
 TTL RGB

Light Intensity: 1.402cd
 V 0°/133.1° H 0°/130.5°

Distribution Curve Flux



Illumination Icon

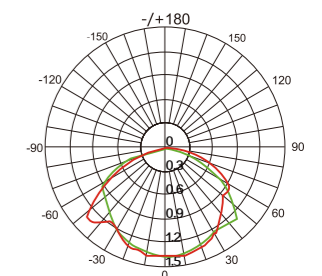


C1 Mesh-P62.5mm

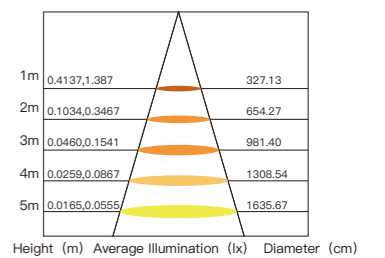
LED 1PCS Red620nm-6*800mcd
 DC5V Green520nm-6*1200mcd
 64W Blue465nm-6*430mnd
 TTL RGB

Light Intensity: 1.375cd
 V 0°/133.1° H 0°/130.5°

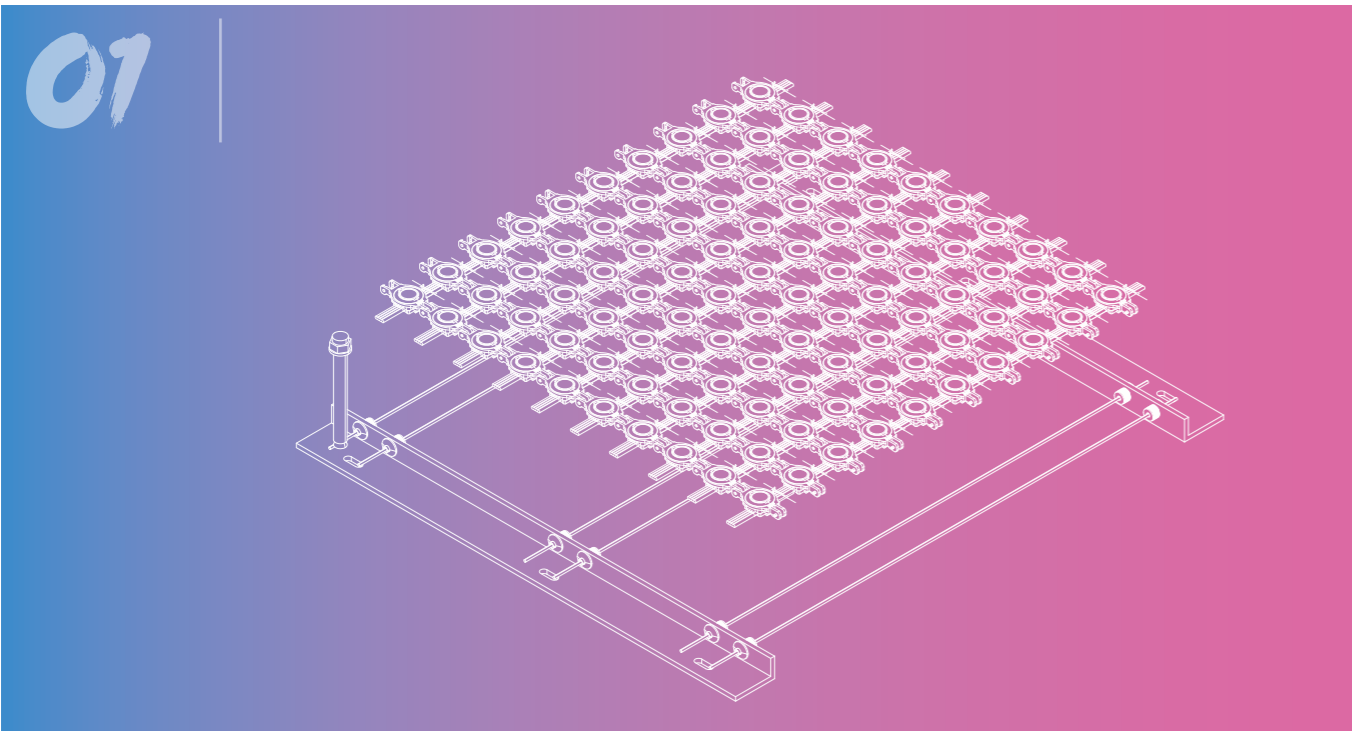
Distribution Curve Flux



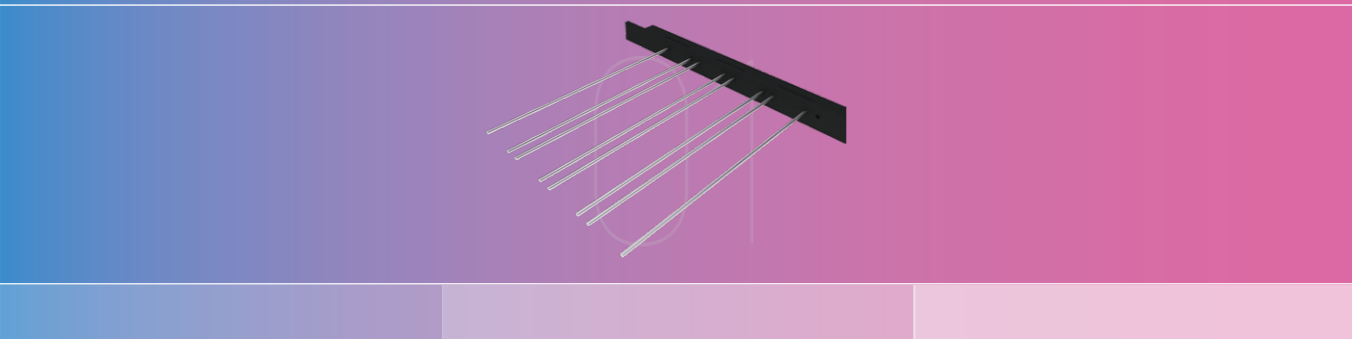
Illumination Icon



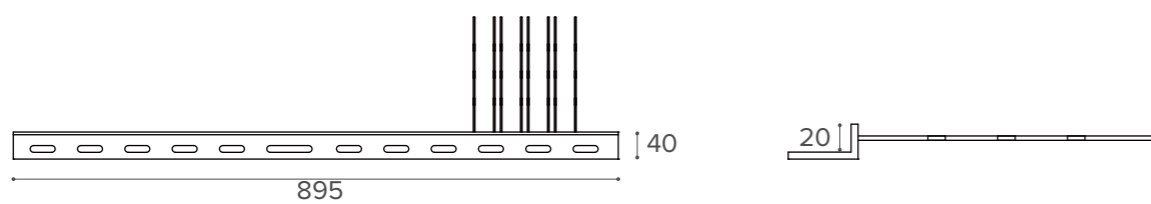
Installation



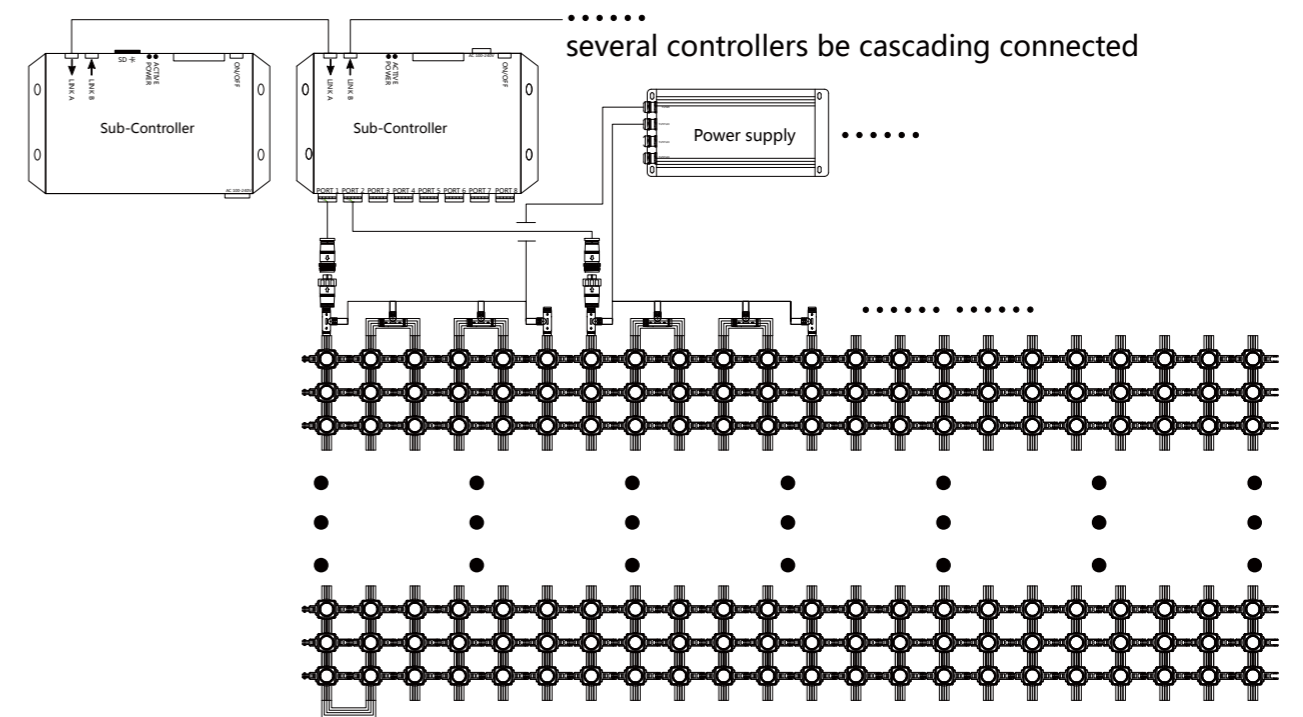
Accessories



Product Dimension (mm):



Control System Diagram



C1

C1 with 3 Pin Cable: Red V+ / Yellow Data / Black GND. One controller with 8 SPI (TTL) outputs. Power input at the middle of strings is recommended.

Project Cases



Quill Shopping Mall – Malaysia



Quill Shopping Mall – Malaysia

Installation Details

