LEDit Lighting Co., Ltd.

Add: Yinuo Industrial Park, intersection of the No.2 Circle Road and Qixin Road, Xintan Town, Shunde District, Foshan, China 528325
Email: sales@leditlighting.com   www.leditlighting.com

D144-S6-RGB SPECIFICATION

Ver 1.0

Pixel Lamp D series: 144-S6-RGB

Detail Information:

D144-S6-RGB is designed for high-end decoration. It adopts 6pcs high brightness SMD3535 LEDs, round-shaped completely waterproof design with IP rate IP66. It is easy and reliable to install, of high flexibility of connection. It can be aplicable for any curves or heteromorphic facade.

Each lamp can be used as a separate 8bit color pixel. Accompanied by our own lightingmanaging tools and control system, it can display letters , pictures , video and flash animation, ect.It is widely appied to building, bridge, stage, pub, ect.

Applicable Environment:

☑ **indoor**
☑ **outdoor**

PARAMERTER:

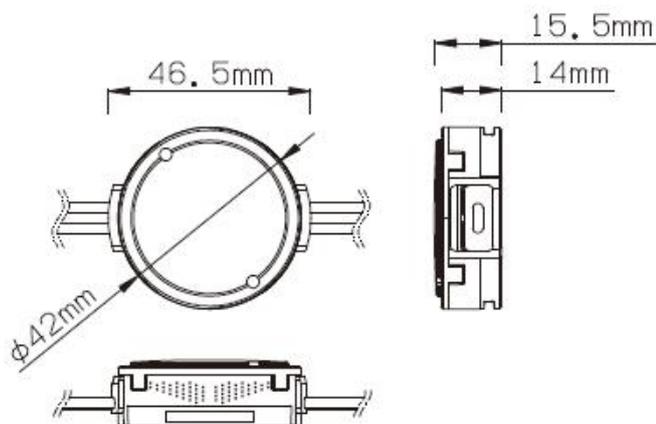| Basic Parameter	
Model	D144-S6-RGB
Color Grey	RGB 256 grey scale each, 16777216 kinds of color in total
Light Source	6pcs High bright 3in1 SMD3535
LED Chip	Epistar/ Cree
Wave Length	625nm±5nm, 525nm±5nm, 470nm±5nm
Lifetime	50,000Hours
Material	ABS+PC shell/ transparent PC cover / Milk color PC cover
Drive Mode	DC/ TTL Drive/ DMX512
Weight	38g/pc

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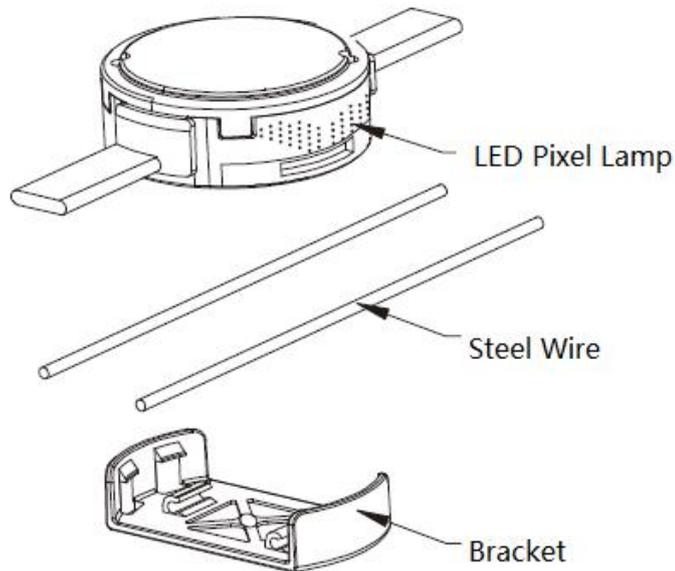| Environment Parameter	
working Temperature	-20°C～50°C
Storage Temperature	-40°C～70°C
Ingress Protection	IP66
Controller	
controller	SS main controller
Sub-controller	SS Sub controller (8 port output, each output can support 512pixels)
Electricity	
Working Input Voltage	DC 24V
Max Power Consumption	1.5W/pc
Average Power Consumption	1W/pc
Performance	
Brightness	15cd/pc
Beam Angle	120°

DIMENSION (mm)

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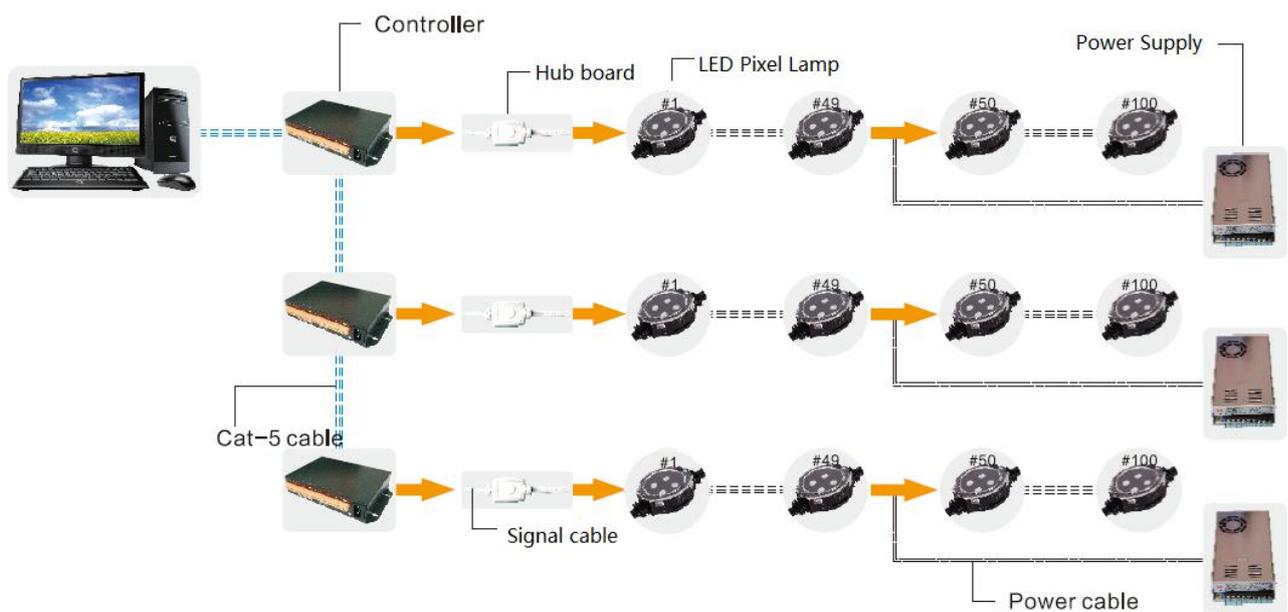Email: sales@leditlighting.com   www.leditlighting.com

FIXED INSTALLATION

LED Pixel Lamp

Steel Wire

Bracket

SYSTEM CONFIGURATION

Controller

Hub board

LED Pixel Lamp

Power Supply

#1   #49   #50   #100

Cat-5 cable

Signal cable

Power cable

Remarks: If product is single color without driver IC, it doesn't need control system.

Available Models:

Model No.	Voltage	Power Consumption	Color	Source	Control	Brightness
144-S4-RGB-D	DC 15V	1W	RGB	4PCS SMD	DMX512	10cd
144-S4-W	DC 15V	1W	White	4PCS SMD	Always on	10cd
144-S6-RGB-D	DC 24V	1.5W	RGB	6PCS SMD	DMX512	15cd
144-S6-W	DC 24V	1.5W	White	6PCS SMD	Always on	15cd
144-S8-RGB-D	DC 15V	2W	RGB	8PCS SMD	DMX512	20cd
144-S8-W	DC 15V	2W	White	8PCS SMD	Always on	20cd
144-S4-RGBW-D	DC 15V	1W	RGBW	4PCS SMD	DMX512	10cd
144-S8-RGBW-D	DC 15V	2W	RGBW	8PCS SMD	DMX512	20cd