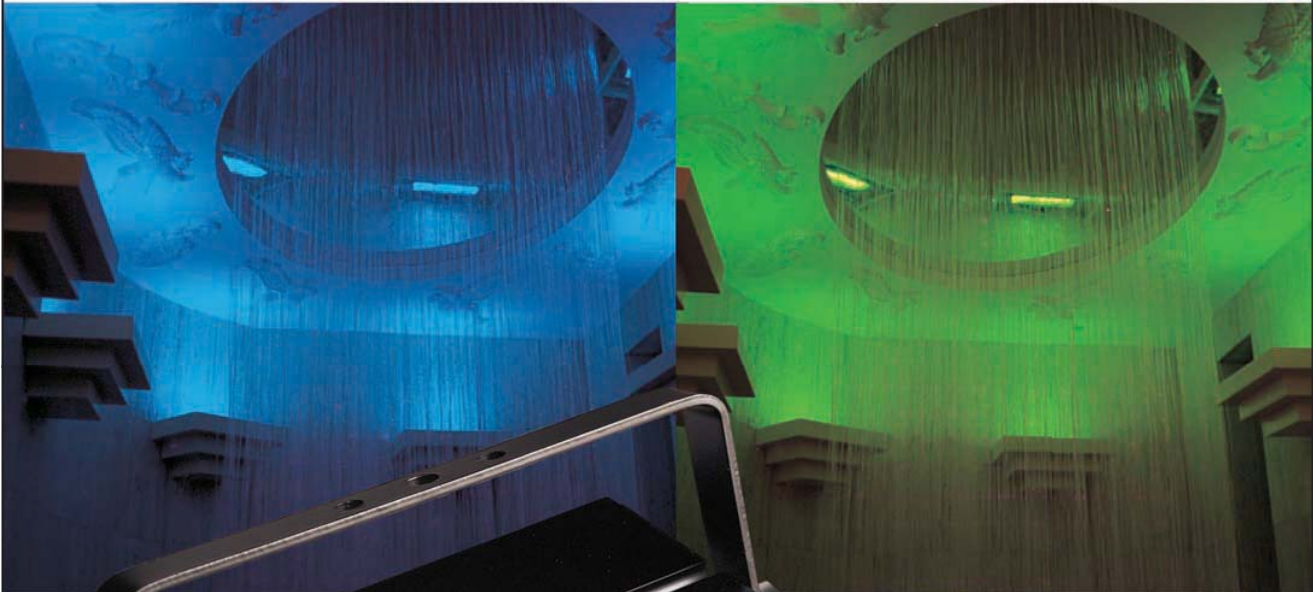


LED

LED VIVID WASH SERIES

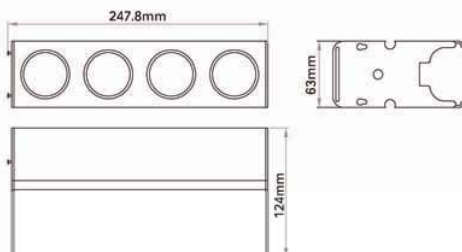


*Private Villa, Repulse Bay, Hong Kong, P.R. China

LED Mini Array

(RGB and (WLED) White LED)
(High Power LED) (Indoor)
(Non-Direct DMX)

Dimensional Diagram



LED Mini Array is new indoor Power LED based Array System that offers extreme versatility for a wide variety of applications. The LED Mini Array RGB version enables full 16.7M color true 24-Bit linear color changing. The (WLED) White LED Version incorporates Power Led 1W White LED's which enables dimmable white wash, punch in and out, strobe, and is the new high tech replacement for the micro blinder.

LED Mini Array is configurable into 4 different array configurations due to the unique design, interconnection method, and array hardware kit. Each unit can connect to each other using professional butterfly clasps. The 4-pin M-F data in and through angled connector design, enables the easy interconnection of up to (5) units per SRC-255-PSU controller.

LED Mini Array is non-direct DMX controllable and can be operated in standalone, and DMX-512 control via the SRC-255 PSU controller.

LED

141 Cassia Way STE. C
Henderson, NV 89014
Ph. 702.568.8742 * 800.700.5483
Fax 702.568.8753
www.LEDLINC.com

This fixture must be installed by a qualified electrician. **LED** is not responsible if its fixture are not installed according to local safety standards. Please leave a copy of these instructions for the person responsible for the maintenance of the installation.



Specifications

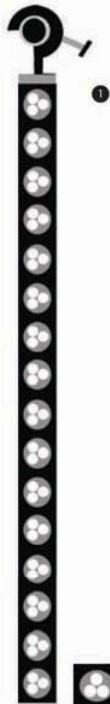
Item No.	LW-240-PC-48V (RGB)	LW-240-PC-W (white)
Color Range	RGB 16.7 Million Colors True 24-Bit Linear	Power LED (WLED) White LED
Light Source	Power LED	12x1W (WLED) Cool White
Beam Angel	25°	25°
Data Interface	SRC-255PSU (Stand-alone and DMX)	NA
Control System	SRC-255PSU controller/SRC-255PSU controlled by DMX512	NA
Beam Angle	28° (at 50% of peak illuminance)	25°
Distribution	Symmetric direct illumination	NA
Dimensions	248X124X63mm	248X124X63mm
Fixture Housing	Aluminum powder coated black	Aluminum powder coated black
Connector	4 Pin In and Through	NA
Weigh	1.5Kg	1.5Kg

Electrical specification

Input Voltage	48V DC	48V DC
Maximum Wattage	18W	18W

Environmental specification

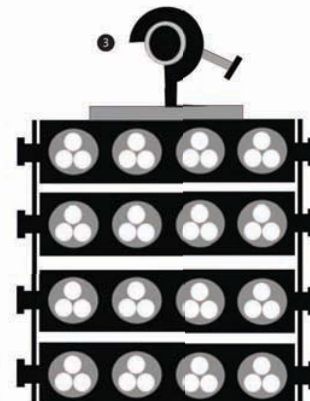
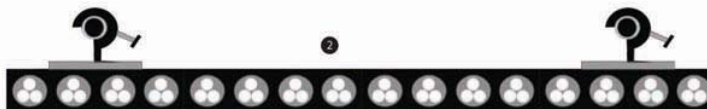
Working Temperature	-20°C~+40°C	-20°C~+40°C
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Array Connection Options

This products can be connected in series in different arrays

1. Vertical linear connection
2. Horizontal linear connection
3. Matrix block connection





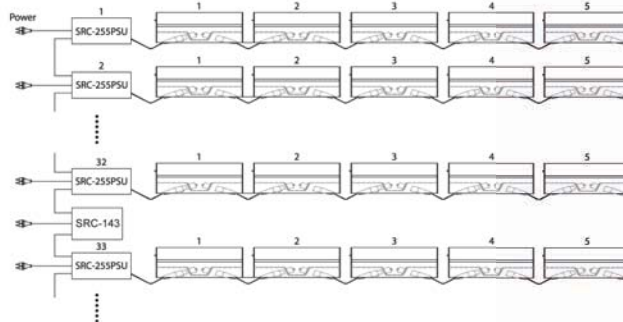
LED Mini Array

RGB Type
White Type

Connection Examples

Standalone with SRC-255PSU Controller

1. Without DMX control



Controller (Required for Stand-alone and DMX control)

SRC-255PSU controller



Controllers and Control Options

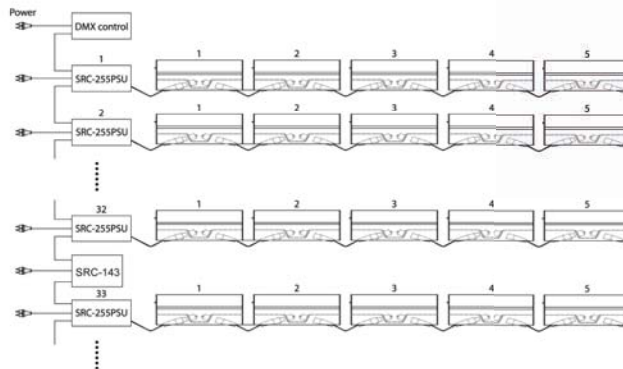
DMX-512 Mode Requires
DMX-512 Controller
SRC-255PSU Controller

Stand-Alone Mode Requires
SRC-255PSU Controller

For Large Configurations of more than 30 LED Mini Array units (6 SRC-255PSU units) you will need to add the SRC-143 Signal Amplifier

* Controllers sold separately

2. DMX-512 Control



DMX Function Chart

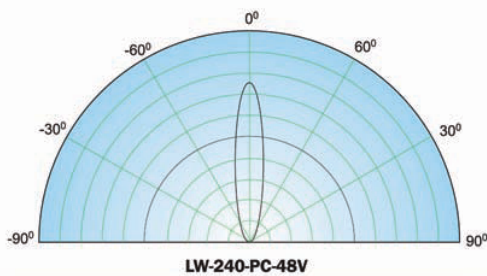
Mode 1	DMX Channels	Channel	RGB	Value	Function
All Fixtures	3	1	Red	0-255	0-100% Intensity
All 4 Pixels		2	Green	0-255	0-100% Intensity
		3	Blue	0-255	0-100% Intensity
Mode 2	DMX Channels	Channel	RGB	Value	Function
5 Fixtures 1	(1-15)	1	Red	0-255	0-100% Intensity
Fixture 1		2	Green	0-255	0-100% Intensity
All 4 Pixels		3	Blue	0-255	0-100% Intensity
		4	Red	0-255	0-100% Intensity
Fixture 2		5	Green	0-255	0-100% Intensity
All 4 Pixels		6	Blue	0-255	0-100% Intensity
		7	Red	0-255	0-100% Intensity
Fixture 3		8	Green	0-255	0-100% Intensity
All 4 Pixels		9	Blue	0-255	0-100% Intensity
		10	Red	0-255	0-100% Intensity
Fixture 4		11	Green	0-255	0-100% Intensity
All 4 Pixels		12	Blue	0-255	0-100% Intensity
		13	Red	0-255	0-100% Intensity
Fixture 5		14	Green	0-255	0-100% Intensity
All 4 Pixels		15	Blue	0-255	0-100% Intensity

Mode 3	DMX Channels	Channel	RGB	Value
Fixture 1	(1-12)	1	Red	0-255
Pixel 1		2	Green	0-255
		3	Blue	0-255
		4	Red	0-255
Pixel 2		5	Green	0-255
		6	Blue	0-255
		7	Red	0-255
Pixel 3		8	Green	0-255
		9	Blue	0-255
		10	Red	0-255
Pixel 4		11	Green	0-255
		12	Blue	0-255
	Fixture 2 (4 Pixel)	13-24	R,G,B	0-255
Fixture 3 (4 pixel)	25-36	R,G,B	0-255	
Fixture 4 (4-Pixel)	37-48	R,G,B	0-255	
Fixture 5 (4-Pixel)	49-60	R,G,B	0-255	

LED Mini Array

Due to the limitation of the type set, this catalog's specifications for each fixture may not be shown. For more information on other models please contact your Neo-Neon™ Sales Associate.

Candle Power Distribution

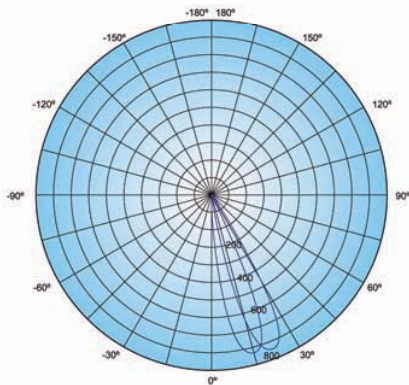


Measured on: White
 Beam center: 1503.21cd
 Thin dashed lined: Indicates 50% of peak value
 Multipliers: 0.33Red, 0.33Green, 0.33Blue

Illuminance at Distance

0.1	0.3	0.4	0.4	0.3	0.1	3.0"/1.0m
2	4	5	5	4	2	
0.3	0.9	2.2	2.2	0.9	0.3	
4	11	23	23	11	4	
0.6	3.2	19	19	3.2	0.6	
7	34	205	205	34	7	0"/0m
0.7	4.2	41.6	41.6	4.2	0.7	
8	46	449	449	46	8	
0.4	1.4	4.1	4.1	1.4	0.4	
5	15	44	44	15	5	
0.1	0.3	0.4	0.4	0.3	0.1	3.0"/1.0m
2	4	5	5	4	2	

Units: Lx
 Distance from surface: 3.0"/1.0m (from center of grid)
 Measured on: White
 Multipliers: 0.33 Red 0.33Green 0.33Blue



Beam center: 751.52cd
 Beaming Angel: 22.5°(Horizontal) 22.5°(Vertical)

Illuminance

color	3"	6"	9"	12"	15"
	1m	2m	3m	4m	5m
WHITE	111 1188.3	27.7 297	12.3 132	6.9 74.2	4.5 47.5
RED	44.3 474.2	11 118.5	4.9 52.6	2.8 29.6	1.8 18.9
GREEN	55.9 599.1	13.9 149.7	6.2 66.5	3.5 37.4	2.2 23.9
BLUE	10.6 113.8	2.6 28.5	1.2 12.6	0.7 7.1	0.4 4.5

Measured in Footcandles/ Lux on axis

Light Output

LW-240-PC-48V

Color	Total Output (lunens)	Power (watts)	Efficacy (lm/w)
White	276.2	38.1	7.2
Red	77.2	25.5	3.0
Green	158.3	23.7	6.7
Blue	47.2	24.3	1.9

LW-240-PC-W

Color	Total Output (lunens)	Power (watts)	Efficacy (lm/w)
White	318.9	30.1	10.6