

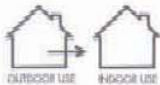
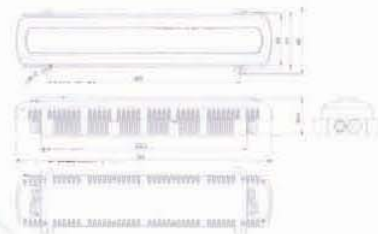
LED

LED VIVID WASH SERIES



LED Panorama Wash (Direct DMX) LW-340-PC-120V/240V-RGB

Dimensional Diagram



LED Panorama Wash is a new style of energy saving, LED based, wash fixture, incorporating 18 RGB 1W Power LEDs. The LED Panorama Wash is a RGB full color 16.7M true 24 Bit color changing fixture.

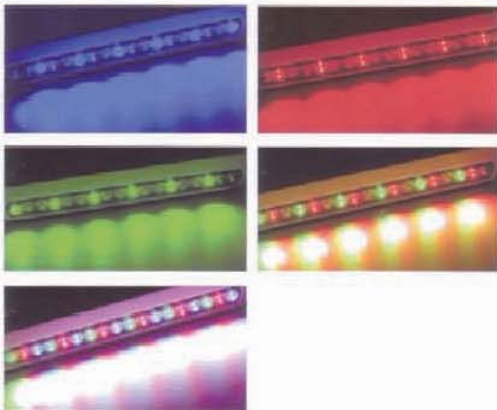
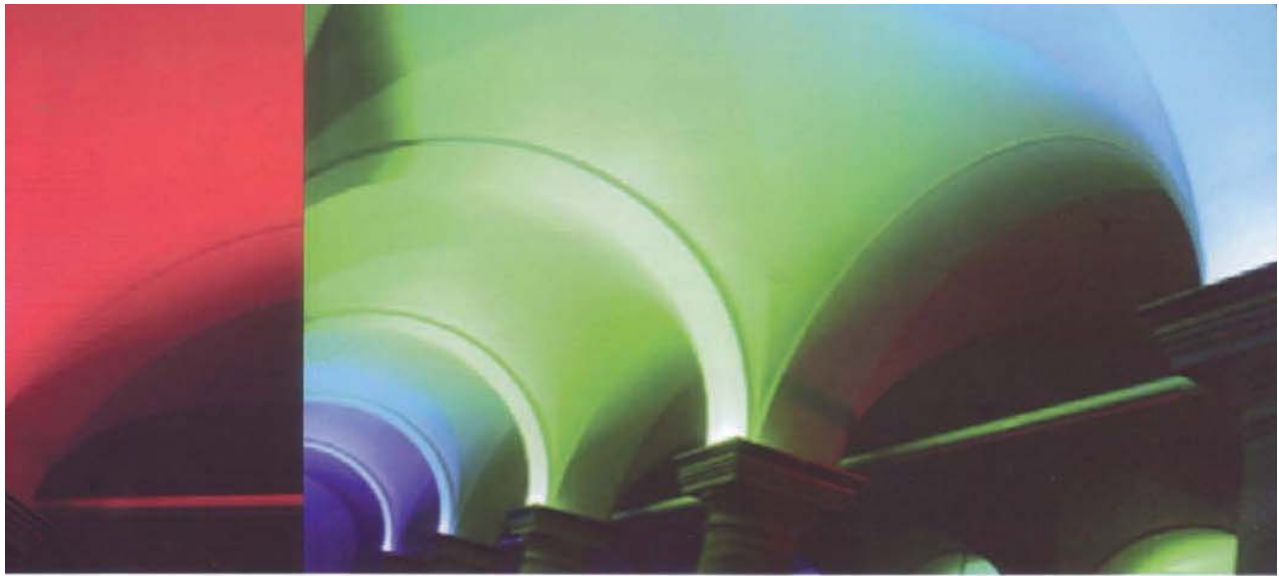
LED Panorama Wash can be operated standalone, master slave with built in pre-programmed effects or directly with a standard DMX-512 controller. The LED Panorama Wash is engineered with a push button waterproof external LED display based user interface for setting the mode of operation or DMX Address. The LED Panorama Wash uses only 3 Channels of DMX to enable external programming of linear color changing, step based scenes as desired by the lighting designer. You can also add an easy to use pre-programmed external controller if you are DMX challenged such as the SRC-AI-100. The DMX-Address is written to the fixture using the SRC-AI-100 as well as providing a standalone control solution. For more information on controller functionality refer to the control section of this catalog.

The LED Panorama Wash housing is composed of Aluminum Die Cast fixture housing, with a clear polycarbonate aperture cap, rated at IP65. The LED Panorama Wash has a very low profile and narrow footprint which makes it perfect for applications where there is little room to install larger fixtures such as window ledges and coving. The housing has also been designed to have a professional commercial look and appeal which makes the LED Panorama Wash ideal for applications where the fixture itself can be seen.

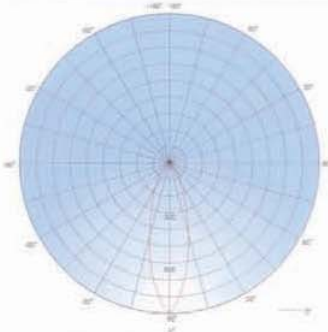
LED

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This fixture must be installed by a qualified electrician. **LED** is not responsible if its fixtures 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.



Candela Distribution Diagram



- Max light intensity: 883.73cd
- Beam angle: 23°

Specifications

Light Source	1W Power LED
Qty. of LEDs	18pcs high power LED (R6, G6, B6)
Beam Angle	25°
Illumination Distance	20M
Fixture Housing	Die Cast Aluminum Coated with Clear PC Aperture
Signal Connector	3-Pin (See Cable Section on next page)
Power Connector	3-Pin (See Cable Section on next page)
Control	DMX-512 or Standalone with SRC-AI-100
DMX Channels	3 Channels

Electrical specification

Operating Voltage	90~264V AC/24V DC
Operating Current	0.14A
Power	30W
IP Rating	IP65

Environmental Specifications

Application Temperature	-20°- 40°
Dimensions	L343XW90XH50.5mm
Weight	1.5 Kg

Luminous Flux

Color	Input (lumens)	Power (Watts)	Light Efficacy(lm/w)
White	589.3	30.8	19.1
Red	236.9	16.8	14.1
Green	290.8	17.2	16.9
Blue	90.1	18.3	4.9

DMX Function Chart

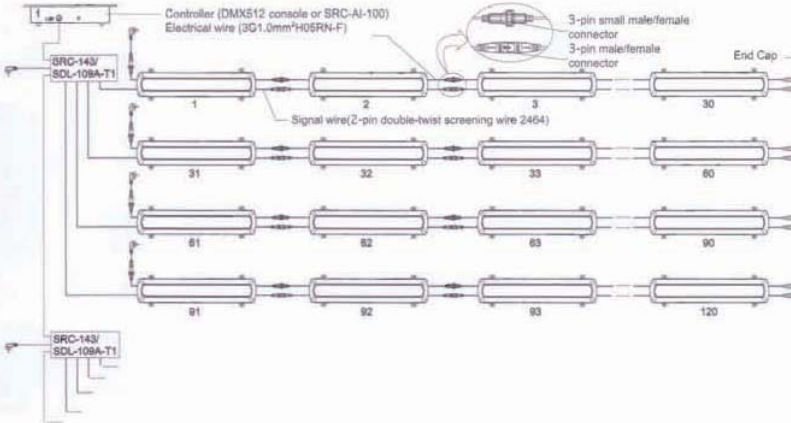
Mode	DMX Channels	Channel	Name	Value	Function
1 Pixel	3	1	Red	0-255	0-100% Intensity
		2	Green	0-255	0-100% Intensity
		3	Blue	0-255	0-100% Intensity

Connection Example (DMX 512 or SRC-AI-100)

Example 1

(When more than 30 Fixtures from one controller is required and the distance of more than 150 Meters distance between the controller and last fixture is required)

Add (1) Signal Amplifier SRC-143 for every 4 groups of 30 fixtures (120 Total per SRC-143)
 Connect the output of the first SRC-143 to the input of the next SRC-143 to add additional groups.
 See Page# P496-499 of this catalog for more information on the SRC-143 Signal Amplifier.



Controllers and Control Options

DMX-512 Mode Requires"
 DMX-512 Controller
 SRC-AI-100 Address Writer

Stand-Alone Mode Requires
 SRC-AI-100 as Address Writer and Controller

For Large Configurations of more than 30 LED Panorama Washes you will need to add the SRC-143 Signal Amplifier which can operate up to 120 fixtures each.

* Controllers sold separately

Example 2

DMX-512 or SRC-AI-100

Up to 30 units can be connected in this configuration without the need for a signal amplifier. See Example 2 for larger applications and requirements.



Available Interconnection Cables
 XLR-Male to Mini Female XLR
 Part# XLRM-M-XLRF

XLR-Female to Mini Male XLR
 Part# XLRF-M-XLRM

Example 2-Expanded (When more than 30 Fixtures from one controller is required)

Add (1) Signal Amplifier SDL-109A-T1 between each group of 30 fixtures. The maximum distance should not extend 150m between controller and the last lighting fixture.