LLS SERIES RGBW – LINEAR LIGHT BARS

These high-lumen output linear bars are for indoor and outdoor wall-wash as well as accent lighting applications; available in 1, 2, 3 and 4 foot lengths.

DESCRIPTION

- The RGBW 4 color process delivers smooth and saturated color renderings for all applications
- A light, compact and heat dissipating aluminum extrusion design
- High Quality waterproof design and construction
- Modular LED board design offers quick and easy maintenance
- Top cover manufactured with superior grade plastic prevents yellowing and brittleness over time

PRODUCT CODES

2 Feet	
LLS-2F-RGB50K-25D	Wall Washer 24V, 30W, RGB 5000K, 25D, 2 FEET, IP67
LLS-2F-RGB27K-25D	Wall Washer 24V, 30W, RGB 2700K, 25D, 2 FEET, IP67
LLS-2F-RGB50K-40D	Wall Washer 24V, 30W, RGB 5000K, 40D, 2 FEET, IP67
LLS-2F-RGB27K-40D	Wall Washer 24V, 30W, RGB 2700K, 40D, 2 FEET, IP67
LLS-2F-RGB50K-60D	Wall Washer 24V, 30W, RGB 5000K, 60D, 2 FEET, IP67
LLS-2F-RGB27K-60D	Wall Washer 24V, 30W, RGB 2700K, 60D, 2 FEET, IP67
4 Feet	
LLS-4F-RGB50K-25D	Wall Washer 24V, 60W, RGB 5000K, 25D, 4 FEET, IP67
LLS-4F-RGB27K-25D	Wall Washer 24V, 60W, RGB 2700K, 25D, 4 FEET, IP67
LLS-4F-RGB50K-40D	Wall Washer 24V, 60W, RGB 5000K, 40D, 4 FEET, IP67
LLS-4F-RGB27K-40D	Wall Washer 24V, 60W, RGB 2700K, 40D, 4 FEET, IP67
LLS-4F-RGB50K-60D	Wall Washer 24V, 60W, RGB 5000K, 60D, 4 FEET, IP67
LLS-4F-RGB27K-60D	Wall Washer 24V, 60W, RGB 2700K, 60D, 4 FEET, IP67

SPECIFICATIONS

MODEL	Power Consumption	Power Requirement	Color Temp	Luminous Flux (Lm)	Efficiency (Lm/W)	LEDS	IP Rating	Beam Angle
LLS-2F	30W	24VDC 1.25A	R:620nm G:520nm B:460nm Cool White (5000K)	R: 220 G: 360 B: 90 CW: 480 ALL: 1140	38	Prolight 3535LED Rx6/Gx6/ Bx6 Nichia 219 Wx6	IP67	25° 40° 60°
			R:620nm G:520nm B:460nm Warm White (2700K)	R: 220 G: 360 B: 90 CW: 390 ALL: 1040	34.6			25° 40° 60°
LLS-4F	60W	24VDC 2.5A	R:620nm G:520nm B:460nm Cool White (5000K)	R: 440 G: 720 B: 180 CW: 960 ALL: 2280	38	Prolight 3535LED Rx12/ Gx12/ Bx12/ Nichia 219 Wx12	IP67	25° 40° 60°
			R:620nm G:520nm B:460nm Warm White (2700K)	R: 440 G: 720 B: 180 CW: 780 ALL: 2080	34.6			25° 40° 60°

Fixture Warranty: 3 Years
*Installation and usage of this product outside of normal operation conditions and installation guide lines void warranty.
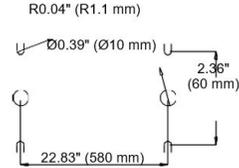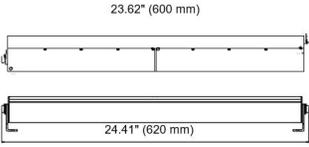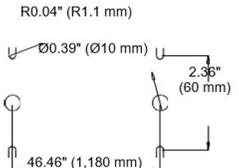
LLS-SERIES-RGB-WHITE
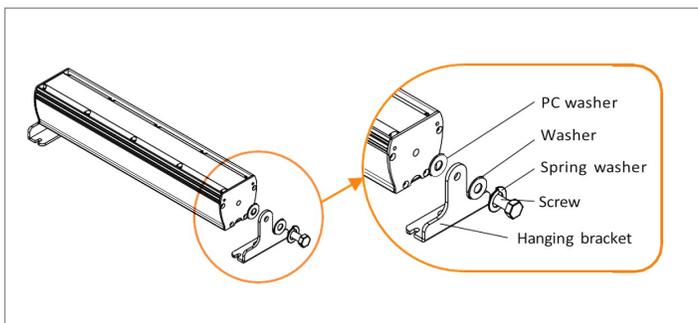
SPECIFICATIONS

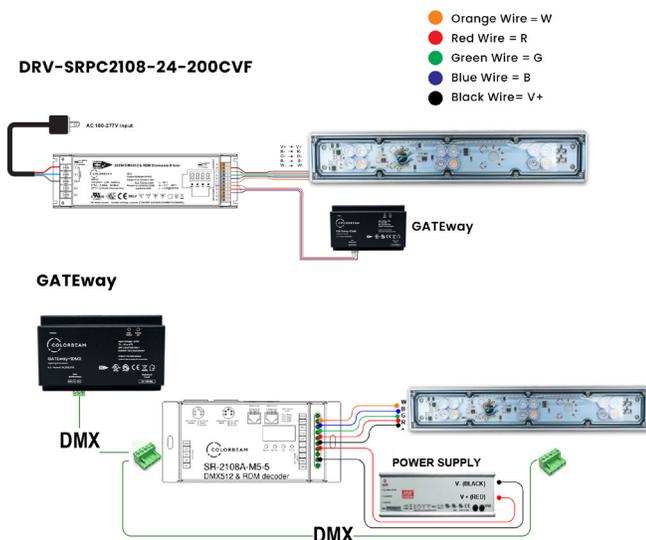| DRIVER	
Compatible Driver	CBNA SR-2108A-M5-5, DRV-SRPC2108-24-200CVF
DMX Cable Connecter	20AWG x 4C Cable end with bare wire / 2M
ENVIROMENT	
Temperature	-10°C ~ 40°C
HOUSING	
Color	Silver
Lens	Optical Grade PMMA
Material	Premium Grade Aluminum, Weatherproof PC (UV-resistant)
Accessories	Hanging bracket

Remark:
Based on LED manufacturers testing, MTBF (mean time between failure) under normal operating conditions is set at 100,000 hours. Normal operating conditions include but are not limited to: ambient temperature range of -4 to 104 degrees F (-20 to 40 degrees C) humidity range of 0-95% non-condensing, adequate ventilation and air flow.

DIMENSIONS

LIGHT	INSTALLATION	DIMENSION
LLS2 (600mm) 30W	R0.04" (R1.1 mm) Ø0.39" (Ø10 mm) 2.36" (60 mm) 22.83" (580 mm)	23.62" (600 mm) 24.41" (620 mm) Weight 1150 g
LLS4 (1200mm) 60W	R0.04" (R1.1 mm) Ø0.39" (Ø10 mm) 2.36" (60 mm) 46.46" (1,180 mm)	47.24" (1200 mm) 48.03" (1220 mm) Weight 2100 g

INSTALLATION

PC washer
Washer
Spring washer
Screw
Hanging bracket

WIRING CONFIGURATION

DRV-SRPC2108-24-200CVF

Orange Wire = W
Red Wire = R
Green Wire = G
Blue Wire = B
Black Wire = V+

AC 160-277V input

GATEway

GATEway

DMX

SR-2108A-M5-5
DMX512 & RDM decoder

POWER SUPPLY

V- (BLACK)
V+ (RED)

DMX

OPERATING SAFEGUARDS

1. These are powerful light fixtures. Do not look directly at the light for any extended period of time. Do not shine the light in other people's direction.
2. Contact an authorized Colorbeam Lighting dealer for warranty and maintenance issues.
3. Do not cover the light fixture with other objects
4. Do not expose light fixtures to open flames or external heat sources
5. Use under normal heat and humidity operating ranges as indicated in section "Specifications"

INSTALLATION WARNINGS

1. Do not install any lights that appear to have been damaged during shipping.
2. This product should be installed by a qualified Colorbeam Lighting certified dealer.
3. Do not install the light fixture less than 20cm away from any flammable material.
4. Install lights in a well ventilated area. Do not install light fixture surrounded by any insulation materials.
5. Use only specified Colorbeam Lighting drivers to power the light fixtures.