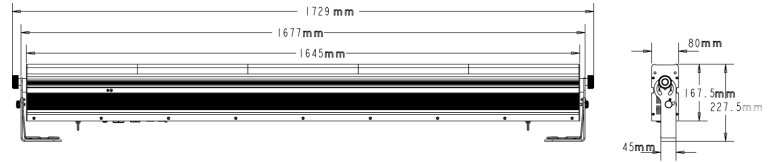# Design LED 60 Tri Strip

Design LED 60 Tri Strip Dimensions

The **Design LED 60 Tri Strip (DLED 60 Tri Strip)** by Elation Professional is a high power Tri-Color RGB LED strip with pixel control featuring Tri-Color LED technology using 60 x 3W Tri-Color long life LEDs. The design of the fixture is optimized providing up to 100,000 hours estimated LED life, low power consumption and low heat emissions. The DLED 60 Tri Strip is equipped with a multi-voltage internal PSU 100-260v and control data input is via 3 pin or 5 pin DMX data first in and out connections. This fixture has 4 operational modes: sound active, macro, auto and DMX. In DMX mode the DLED 60 Tri Strip can be controlled via 6 DMX control modes in 3, 4, 6, 15, 60 or 63 channel operation. 60 & 63 channel operation modes will allow you to control each individual color in each pixel independently. The DLED 60 Tri Strip produces a standard 62° beam angle with an available optional 30° lens kit which produces a 48° beam angle. This unit features a strobe effect with a flash rate of 25 fps, 0-100% dimming and flicker free operation for television and film. Rigging for the DLED 60 Tri Strip includes split dual yoke hanging brackets and may be set on the floor.

FEATURES

- High Power Tri-Color RGB LED Strip w/ Pixel Control
- 60 x 3W Tri-Color LED's RGB
- Tri-Color LED Technology
- Built In color Macros / Pixel Control
- Linear RGB Color Mixing, 65 million color possibilities
- Brilliant light output
- 62° Standard Beam Angle (48° Optional with 30° Lens Kit)
- Lux @ 3M 524 (FULL)
- IP25 rated, compact design: fits into 12-inch truss
- Fan Cooled
- Multi-voltage Internal PSU 100-260v
- Power Link In/Out IEC
- On/Off Power switch
- Digital LED Menu / DMX display
- Linkable power supply up to 8 units (In/Out power connectors)
- Long Life L.E.D. (rated at 100,000 Hours)
- Low power consumption
- Low heat emissions
- Flicker free operation for television and film
- 4 operational modes: Sound Active, Macro, Auto, & DMX
- Strobe effect (25 flashed per second)
- Control each L.E.D. independently
- Sound controlled via built-in microphone
- DMX controlled via 6 DMX control modes: 3, 4, 6, 15, 60 or 63 channel operation
- Model Item # DLED60 TRISTRIP
- ETL approved

TECHNICAL SPECIFICATIONS

- **DMX Channels:** 6 DMX Control modes: 3, 4, 6, 15, 60, 63 channel operation modes
- **Control:** USITT DMX-512 complaint, 3-pin & 5-pin DMX Connections
- **IP Rating:** IP25
- **Dimmer:** 0 - 100% dimming
- **Strobe:** Strobe effect (25 flashes per second)
- **Power Supply:** Multi-voltage Internal PSU 100-260v
- **Power Consumption:** 233W Total Power draw
- **Lamp:** 60 x 3W Tri-Color LED's RGB
- **Lamp Life:** 100,000 hours rated LED life
- **Dimensions:** (LxWxH) 68" x 9" x 3.2" / 1728 x 228.6 x 81.28 mm
- **Weight:** 30 lbs / 13.6 kg
- **Rigging:** Split Dual Yoke hanging brackets – may be set on the floor

Design LED 60 Tri Strip

COLORS

- 60 x 3W Tri-Color LED's RGB
- Tri-Color LED Technology
- Built In color Macros / Pixel Control
- Linear RGB Color Mixing, 65 million color possibilities
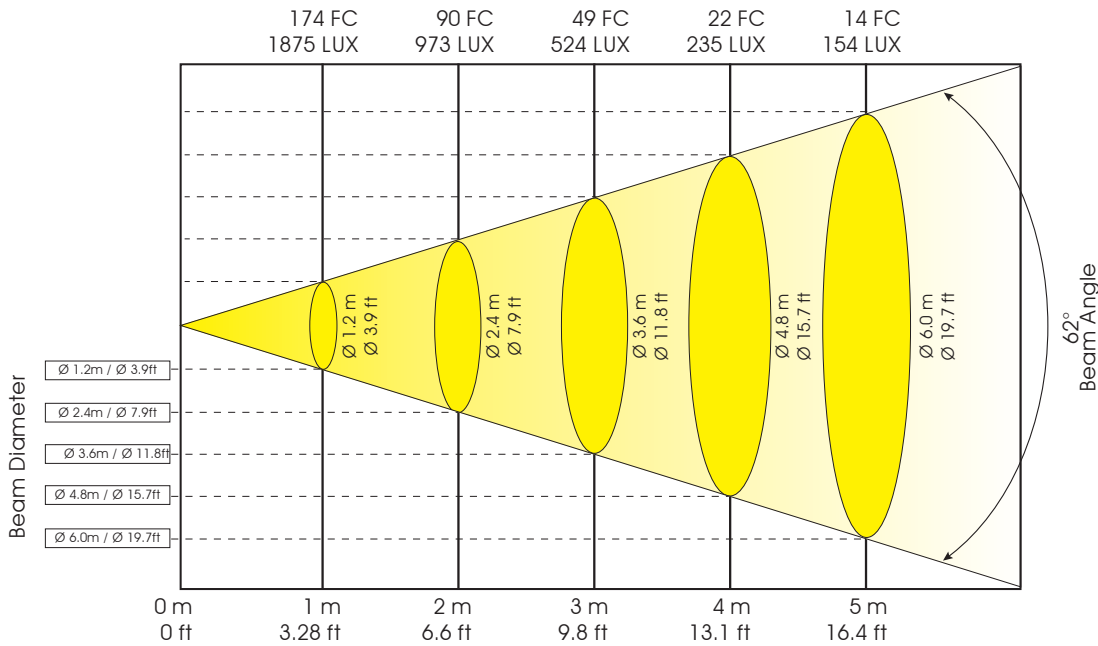- Brilliant light output

PHOTOMETRICS

Design LED 60 Tri Strip
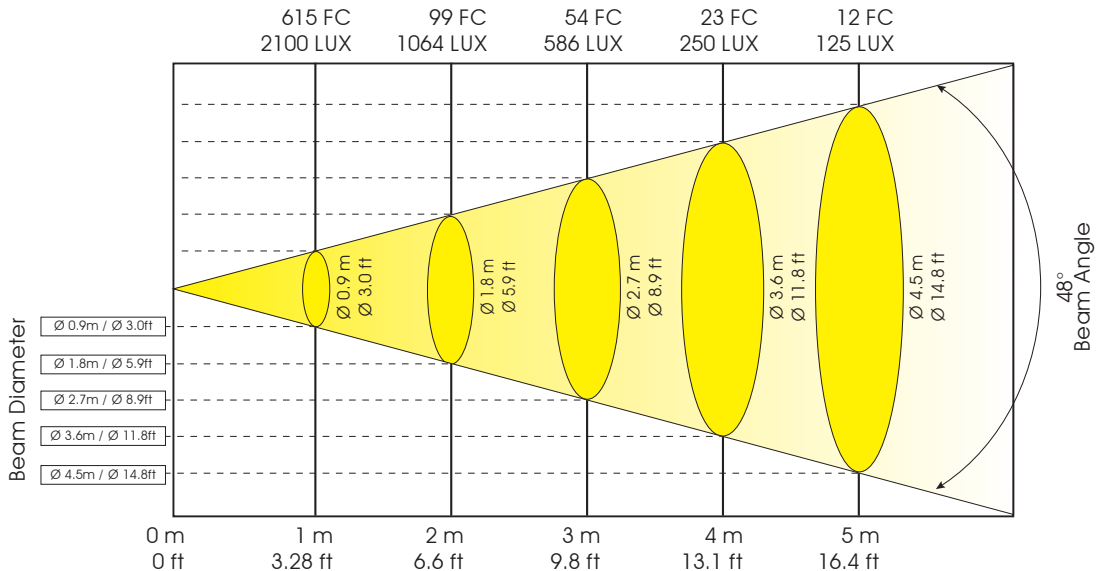**Photometric Beam Angle Data**

Beam Angle 62°

LUX x 0.0929 = FC

	174 FC	90 FC	49 FC	22 FC	14 FC
	1875 LUX	973 LUX	524 LUX	235 LUX	154 LUX

Ø 1.2 m / Ø 3.9 ft
Ø 2.4 m / Ø 7.9 ft
Ø 3.6 m / Ø 11.8 ft
Ø 4.8 m / Ø 15.7 ft
Ø 6.0 m / Ø 19.7 ft

62° Beam Angle

Beam Diameter
Ø 1.2m / Ø 3.9ft
Ø 2.4m / Ø 7.9ft
Ø 3.6m / Ø 11.8ft
Ø 4.8m / Ø 15.7ft
Ø 6.0m / Ø 19.7ft

0 m	1 m	2 m	3 m	4 m	5 m
0 ft	3.28 ft	6.6 ft	9.8 ft	13.1 ft	16.4 ft

Optional 30° Lens Kit: Beam Angle 48°

LUX x 0.0929 = FC

	615 FC	99 FC	54 FC	23 FC	12 FC
	2100 LUX	1064 LUX	586 LUX	250 LUX	125 LUX

Ø 0.9 m / Ø 3.0 ft
Ø 1.8 m / Ø 5.9 ft
Ø 2.7 m / Ø 8.9 ft
Ø 3.6 m / Ø 11.8 ft
Ø 4.5 m / Ø 14.8 ft

48° Beam Angle

Beam Diameter
Ø 0.9m / Ø 3.0ft
Ø 1.8m / Ø 5.9ft
Ø 2.7m / Ø 8.9ft
Ø 3.6m / Ø 11.8ft
Ø 4.5m / Ø 14.8ft

0 m	1 m	2 m	3 m	4 m	5 m
0 ft	3.28 ft	6.6 ft	9.8 ft	13.1 ft	16.4 ft

Design LED 60 Tri Strip

DMX TRAITS

3 Channel Mode:

Channel	Value	Function
1	0 - 255	Red (0 - black, 255 - 100% red)
2	0 - 255	Green (0 - black, 255 - 100% green)
3	0 - 255	Blue (0 - black, 255 - 100% blue)

4 Channel Mode:

Channel	Value	Function
1	0 - 255	Red (0 - black, 255 - 100% red)
2	0 - 255	Green (0 - black, 255 - 100% green)
3	0 - 255	Blue (0 - black, 255 - 100% blue)
4	0 - 255	General dimming / program speed control

6 Channel Mode:

Channel	Value	Function
1	0 - 255	Red (0 - black, 255 - 100% red)
2	0 - 255	Green (0 - black, 255 - 100% green)
3	0 - 255	Blue (0 - black, 255 - 100% blue)
4	0 - 255	Internal programs
5	0 - 255	Strobe
6	0 - 255	General dimming / program speed control

15 Channel Mode:

Channel	Value	Function
1	0 - 255	Red (0 - black, 255 - 100% red)
2	0 - 255	Green (0 - black, 255 - 100% green)
3	0 - 255	Blue (0 - black, 255 - 100% blue)
4	0 - 255	Red (0 - black, 255 - 100% red)
5	0 - 255	Green (0 - black, 255 - 100% green)
6	0 - 255	Blue (0 - black, 255 - 100% blue)
7	0 - 255	Red (0 - black, 255 - 100% red)
8	0 - 255	Green (0 - black, 255 - 100% green)
9	0 - 255	Blue (0 - black, 255 - 100% blue)
10	0 - 255	Red (0 - black, 255 - 100% red)
11	0 - 255	Green (0 - black, 255 - 100% green)
12	0 - 255	Blue (0 - black, 255 - 100% blue)
13	0 - 255	Internal programs
14	0 - 255	Strobe
15	0 - 255	General dimming / program speed control

60 Channel Mode:

Channel	Value	Function
1-60	0 - 255	Each LED can be ran individually (RGB 0-100%)

63 Channel Mode:

Channel	Value	Function
1-60	0 - 255	Each LED can be ran individually (RGB 0-100%)
61	0 - 255	Auto Programs
62	0 - 255	Strobe
63	0 - 255	General dimming / program speed control