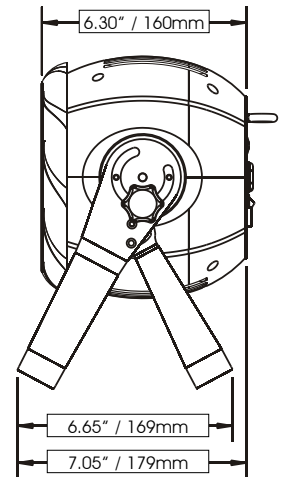


Design LED 36MH Dimensions



The Design LED 36 (DLED 36) by Elation Professional is a high output LED color changer equipped with 36 1W Luxeon LEDs, 12 red, 12 green and 12 blue, featuring brilliant light output and infinite color possibilities. A standard beam angle of 39° is produced with the light frost filter (304 LUX / 28 FC @ 3M) and 25° beam angle without the light frost filter. Optional 15° and 45° lens kits are available. The DLED 36 also features built-in macro channel, 0-100% dimming and a strobe effect of 1-18 flashes per second. The design of the fixture is optimized providing up to 100,000 hours estimated LED life, low power consumption and minimal heat emissions with a compact case design the DLED 36 can fit into a 12" x 12" truss easily for truss warmer use. The DLED 36 is fan cooled and rated IP 20, ideal for indoor applications. This unit operates at 120V/60hz and has a built-in power supply and DMX control. DMX control is via 3 or 6 channel operation modes and display is via 12 position binary dip switch. Control data input is via 3-pin XLR connections and rigging includes installed mounting bracket and safety eye hook. Safety cable and 3-pin data cable are included.

## FEATURES

- High output LED color changer
- 36 x 1W Luxeon 1 LEDs - (12 each R, G, B)
- High quality Luxeon LEDs manufactured by Lumileds, USA
- Long Life L.E.D. (rated at 100,000 Hours)
- Brilliant light output, infinite color possibilities
- Strobe-effect with a maximum flash rate of 18fps
- Dimmer intensity from 0%-100%
- Beam angle: 39° with light frost filter. 25° beam angle with out light frost filter
- 304 LUX / 28 FC @ 3 M
- Compact Design
- Fits into 12" x 12" truss easily for truss warmer use
- Fan cooled
- Built-in power supply and DMX 512 control
- On/off power switch 120v 60hz
- DMX control via 3 or 6 channel operation
- 12 position binary dip switch
- Master/ Slave auto program and music trigger
- Flicker-free operation for television and film
- Low power consumption
- Minimal heat emission

## TECHNICAL SPECIFICATIONS

- **DMX Channels:** 3 or 6 DMX operation, built-in macro channel, RGB
- **Control:** Built-in 3-pin XLR serial data connection
- **Dimmer:** 0 - 100% dimming
- **Strobe:** Strobe effect 1-18 flashes per second
- **IP Rating:** IP 20
- **Power Supply:** Built-in power supply & DMX-512 control 120V / 60hz
- **Power Consumption:** 50W
- **Lamp:** 36 x 1W Luxeon 1 LEDs - (12 each R, G, B) Long-life L.E.D.s
- **Lamp Life:** 100,000 hrs.
- **Dimensions:** (LxWxH) 7" x 8.75" x 10" / 177.8 x 222.25 x 254 mm
- **Weight:** 9.5 lbs / 4.31 kg
- **Rigging:** Mounting bracket and safety I-hook installed, safety cable & 3-pin data cable included



# Design LED 36



## COLORS

- 36 x 1W Luxeon 1 LEDs - (12 each R, G, B)
- High quality Luxeon LEDs manufactured by Lumileds, USA
- Long Life L.E.D. (rated at 100,000 Hours)
- Brilliant light output, infinite color possibilities

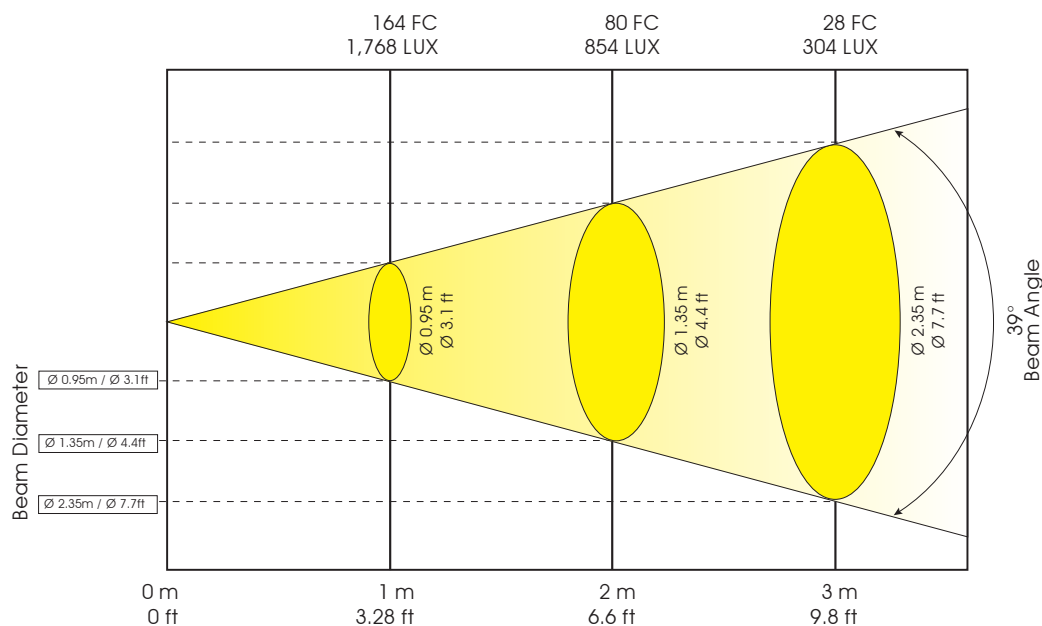


## PHOTOMETRICS

**Design LED 36**  
Photometric Beam Angle Data

**Beam Angle 39°**

LUX x 0.0929 = FC



## DMX TRAITS

### 3 Channel Mode:

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

### 6 Channel Mode:

Channel	Value	Function
1	0 - 255	Red (0-100% red)
2	0 - 255	Green (0-100% green)
3	0 - 255	Blue (0-100% blue)
4	0 - 255	Internal programs
5	0 - 255	Strobe
6	0 - 255	Dimming (2%-100%)

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