

Design LED 36MH Dimensions

The Design LED 36MH (DLED 36MH) by Elation Professional is a high output intelligent LED moving head fixture equipped with 36 x 1-watt LEDs (12 red, 12 green and 12 blue) featuring high quality Luxeon 1 LEDs manufactured by Lumileds, USA. This unit features step-less smooth RGB additive color mixing, 16.7 million colors (24bit) and produces brilliant light output. The design of the DLED 36MH is optimized providing a fan cooled cooling system, up to 100,000 hours estimated LED life, low power consumption and minimal heat emissions. Rated IP 20 the DLED 36MH is ideal for indoor applications and can operate standing up or up-side-down. The DLED 36MH is also equipped with a built-in power supply and can operate at 120V or 240V at 50/60hz and control data input is via 3-pin XLR connections, 3-pin data cable is included. This unit can be controlled via 12 DMX channel mode (default) or 10 DMX channel mode (user selectable), there are 3 operation modes (DMX controlled, stand alone and sound active) and 8 user assignable program presets - internal program: edit and save programs to the incorporated EEPROM through the front control panel or external controller; you can save a maximum of 48 scenes, and run the saved programs by using the "run" menu on the front control panel. A beam angle of 39° is produced with the light frost filter. Rigging for this unit includes split bracket hanging yoke, omega clamps, clamps, safety cable and lock fastener.

FEATURES

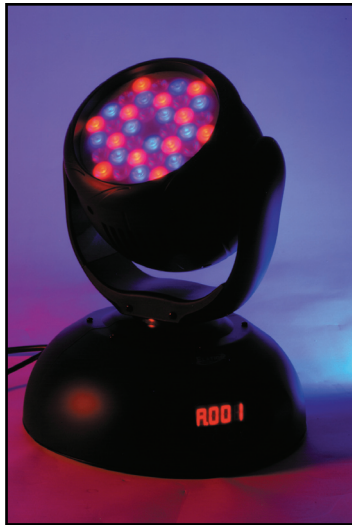
- High output intelligent LED moving head fixture
- Equipped with 36x 1-watt LEDs: (12 red, 12 blue, 12 green)
- High quality Luxeon LEDs manufactured by Lumileds, USA
- Brilliant light output
- Step-less, smooth RGB additive color mixing, 16.7 million colors (24-bit)
- Auto test for all functions
- Pan 540 / Tilt 265°, automatic Pan/Tilt Correction
- Strobe-effect with a maximum flash rate of 18fps (white or color)
- Dimmer intensity from 0%~100%
- Beam angle: 39° with light frost filter
- RDMX (Remote DMX addressing from any DMX console)
- DMX control via 12 channel (default) or user selectable 10 channel operation
- Control board with 4-digit display and foil-keyboard
- Digital display can be turned 180° to fit different installation position
- Value of each DMX-channel can be displayed
- 3 operation mode: DMX controlled, stand alone or sound activated (via internal microphone)
- Low power consumption
- Minimal heat emission
- Pre-programmed colored macros
- Flicker-free operation for television and film

TECHNICAL SPECIFICATIONS

- **DMX Channels:** 12 DMX channel (default) or 10 DMX channel operation (16 or 8 bit operation)
- **Control:** USITT DMX-512 Complaint, built-in 3-pin XLR serial data connection
- **Dimmer:** 0 - 100% dimming
- **Strobe:** Strobe effect 1-18 flashes per second (white or color)
- **IP Rating:** IP 20
- **Power Supply:** Built-in power supply 120V or 240V / 50/60hz
- **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) 11.5" x 11.25" x 13.75" / 290 x 282 x 347mm
- **Weight:** 19 lbs / 8.8 kg
- **Rigging:** Omega clamps, clamps, safety cable & quick lock fastener & 3-pin data included. Unit can operate standing up or up-side-down



Design LED 36MH



COLORS

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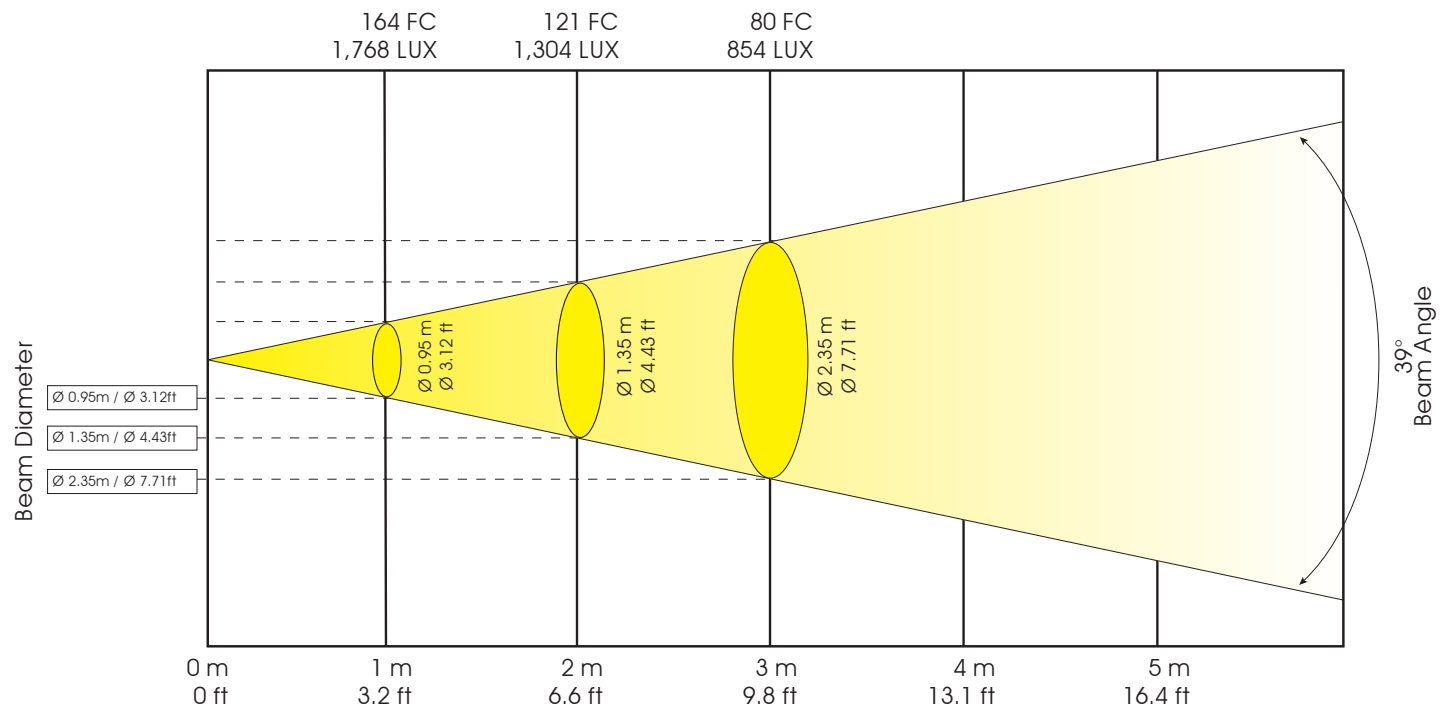


PHOTOMETRICS

Design LED 36MH Photometric Beam Angle Data

Beam Angle 39°

$$\text{LUX} \times 0.0929 = \text{FC}$$



DMX TRAITS

12 Channel Mode (default):

| Channel | Value | Function |
|---------|---------|--|
| 1 | 0 - 255 | Pan movement 8bit |
| 2 | 0 - 255 | Pan fine |
| 3 | 0 - 255 | Tilt movement 8bit |
| 4 | 0 - 255 | Tilt fine |
| 5 | 0 - 255 | Speed pan/tilt movement |
| 6 | 0 - 255 | Rainbow |
| 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 | Reset, Internal programs |
| 11 | 0 - 255 | Strobe |
| 12 | 0 - 255 | General dimming (option 1) dimming 1%-100% |

10 Channel Mode (default):

| Channel | Value | Function |
|---------|---------|--|
| 1 | 0 - 255 | Pan movement 8bit |
| 2 | 0 - 255 | Tilt movement 8bit |
| 3 | 0 - 255 | Speed pan/tilt movement |
| 4 | 0 - 255 | Rainbow |
| 5 | 0 - 255 | Red (0-black, 255-100% red) |
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