

**ELECTRICAL:**

Input Voltage: See LDM 1400 spec  
 Input Current: See LDM 1400 spec  
 Connector: M12 Quick Connect, 5 pin Reverse Key Euro / Micro

**WARNING !!!**

**Use Only Spectrum Illumination LDM Driver with Monster Lights.  
 Do Not Connect Monster Lights Directly to 24VDC!**

**MECHANICAL:**

Driver: DIN Rail Mount  
 Dimensions: <http://www.spectrumillumination.com>

**ILLUMINATION:**

Light Source: LED – 6 Colors, UV & IR  
 Quantity HB LED's: 16  
 Light Emitting Pattern: 4" x 4" / 101mm x 101mm  
 LED Life: up to 100,000 hours\*.  
 \*Contact us for LED life information



**PART NUMBER DESIGNATION: MLL44-XXX**

XXX = Light Color - 470, 505, 530, 590, 630, WHI, 365, 395, 850 & 940

Color	Dash #	$\lambda$ Dominant Typical	$\lambda$ Dominant Range	Spectral Half-width $\Delta\lambda_{1/2}$	$\lambda$ Peak Typical	Units
Infrared	-940	935	n/a	45	940	nm
Infrared	-850	845	n/a	40	850	nm
Red	-630	625	620 - 650	20	638	nm
Amber	-590	590	584 - 598	14	592	nm
Green	-530	530	519 - 561	35	522	nm
Cyan	-505	505	489 - 521	30	503	nm
Blue	-470	470	459 - 491	25	464	nm
Ultra Violet	-395	395	390 - 410	n/a	n/a	nm
Ultra Violet	-365	365	n/a	8	365	nm
White	-WHI	Color Temp 5700 - 7000K				

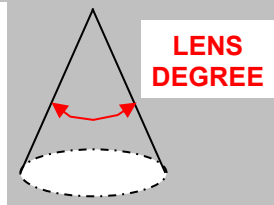


Light includes LDM DIN rail mount constant current driver, 4-meter cable (driver is available with variable or 0-10VDC intensity control - cable also available in 8, 15 and 30-meter lengths).

Monster Lights have changeable lenses for matching the area of illumination with the working distance



- Monster Lenses - P/N MLL44-XXX/XX
- 12° Narrow (Standard)
  - /30 – 30° Medium Angle
  - /50 – 50° Medium Angle
  - /F – ~70° Wide Angle
  - /L – 44° x 12° Angle
  - /16 – 16° Frosted Narrow
  - /23 – 23° Frosted Medium
  - /39 – 39° Frosted Wide
  - /R60 – 60° Reflectors
  - /R – 90° Reflectors



\*\*\* UV lights are available with 60° (STD) or 90° reflectors only \*\*\*