

ELECTRICAL:

Input Voltage: See _LDM 2800 spec
 Input Current: See _LDM 2800 spec

WARNING !!!

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

ENVIRONMENTAL:

Operating Temperature: 0 to 50°C
 Relative Humidity: 5 to 85% non-condensing

MECHANICAL:

Driver: DIN Rail Mount
 Connector: M12 5 pin Reverse Key Euro / Micro
 Weight: 2.0 lbs. (907g)

ILLUMINATION:

Light Source: LED – 6 Colors, UV & IR
 Quantity HB LED's: 32
 Light Emitting Pattern: 4" x 8" / 101mm x 203mm
 LED Life: up to 50,000 hours*.

*Contact us for LED life information



PART NUMBER DESIGNATION: MLL48-XXX

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

Color	Dash #	λ Dominant Typical	λ Dominant Range	Spectral Half-width $\Delta\lambda/2$	λ 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				



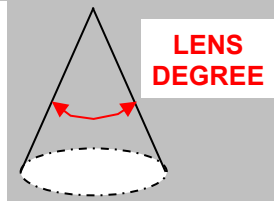
Light includes LDM DIN rail mount constant current driver, 4-meter cable (driver is available with variable or 0-10VDC intensity control - cable also available in 8, 15 and 30-meter lengths).

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



Monster Lenses - P/N MLL48-XXX/XX

12° Narrow (Standard)	/16 – 16° Frosted Narrow
/30 – 30° Medium Angle	/23 – 23° Frosted Medium
/50 – 50° Medium Angle	/39 – 39° Frosted Wide
/F – ~70° Wide Angle	/R60 – 60° Reflectors
/L – 44° x 12° Angle	/R – 90° Reflectors



*** UV lights are standard with 60° reflectors, other options available. ***