

ELECTRICAL:

Input Voltage: 23.5-26.4VDC (24VDC \pm 10% burst disabled)
 Input Current: 150 to 300mA typical (1.5A max for burst) @24VDC
Note: Power supply must be capable of 1.5A per light for burst feature to work correctly with supplied cable.
 Strobe Input Impedance: 10K Ω – PNP typical, 9.1K Ω – NPN typical
 Strobe Timing: <20 microseconds from strobe to LED on
 0-10V Input Impedance: 15K Ω typical
 0-10V Input Control: 0V = 100%, 10V = 0% LED current. (Can be left disconnected for 100% LED current)
 Variable Intensity: Adjustable via trim potentiometer from 0% (CCW) to 100% (CW).

Wiring:	Pin #	Wire Color	Function
	1	Brown	+23.5 to +26.4VDC
	2	White	NPN STROBE INPUT: GND for "ON", Open or >Vin-1V for "OFF"
	3	Blue	0VDC (DC GND)
	4	Black	PNP STROBE INPUT: < 1 VDC for "OFF", >3 \leq 30 VDC for "ON"
	5	Grey or Green/Yellow	0-10VDC analog intensity control – 0V = 100%, 10V = 0%

ENVIRONMENTAL:

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

MECHANICAL:

Lighted Area: 6" / 152mm
 Connector: M12 - 5 pin
 Weight: 0.8 lbs. (363g)



ILLUMINATION:

Light Source: LED – available in 11 Colors, UV and IR
 Quantity HB LED's: 6
 LED Life: varies by color, click link below for LED life details:

<http://spectrumillumination.com/wp-content/uploads/LED-life-data.pdf>

PART NUMBER DESIGNATION:

MLLD16-XXX
 XXX = Light Color – 450, 470, 505, 530, 590, 630, 660, 730, WHI, NWH, WWH, 365, 395, 850 & 940

For details on available LED's, please visit link below:

<http://spectrumillumination.com/wp-content/uploads/Monster-LED-Info.pdf>

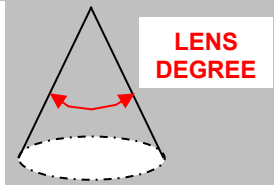
FEATURES:

- Built-in Driver
- Auto Burst – LED high current for 500 μ s \pm 10%, then drops to standard current
- Auto Burst Disable Switch
- 0-10VDC Intensity Control
- Potentiometer Intensity Control
- PWM Dimming Capable (with Auto Burst disabled)

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



Monster Lenses - P/N MLLD16XXX/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 available with narrow, medium and wide silicone lenses, 60° (STD) or 90° reflectors only ***