



Monster Linear Light

HLL123 Series



ELECTRICAL:

Input Voltage: See _LDM 1400 spec

Input Current: See _LDM 1400 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:

Connector: M12 Quick Connect, 5 pin Reverse Key

Weight: 7.5 lbs. (3.4Kg)

ILLUMINATION:

Light Source: LED – 6 Colors, UV & IR

Quantity HB LED's: 24

Light Emitting Pattern: 23" / 584mm

LED Life: up to 100,000 hours*.

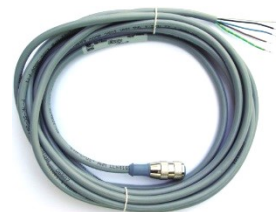
*Contact us for LED life information



PART NUMBER DESIGNATION: HLL123-XXX

XXX = Light Color – See "Dash #" in table below:

Color	Dash #	λ Dominant Typical	λ Dominant Range	Spectral Half-width $\Delta\lambda$ 1/2	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 HLL123-XXX/XX

12° Narrow (Standard)

/30 – 30° Medium Angle

/50 – 50° Medium Angle

/F – ~70° Wide Angle

/L – 44° x 12° Angle

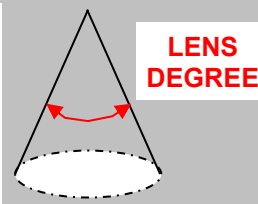
/16 – 16° Frosted Narrow

/23 – 23° Frosted Medium

/39 – 39° Frosted Wide

/R60 – 60° Reflectors

/R – 90° Reflectors



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

Spectrum Illumination • 5114 Industrial Park Rd. • Montague, MI 49437

Phone 231-894-4590 • Fax 231-894-4582

www.spectrumillumination.com

Rev. Date: 2020-06-10