

# RING LIGHT 3.5" Series



## ELECTRICAL:

Input Voltage: See LDM700 spec  
Input Current: See LDM700 spec  
Connector: 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: 6  
Light Emitting Area: 3.5" / 89mm  
LED Life: up to 100,000 hours\*.  
\*Contact us for LED life information

## PART NUMBER DESIGNATION: RL3.5-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				



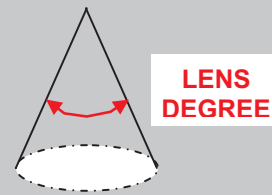
Light includes LDM DIN rail mount constant current driver, 4-meter cable and hardware to mount to Cognex Insight 5100 series camera (driver is available with variable or 0-10VDC intensity control - cable also available in 8, 15 and 30-meter lengths)

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



## Monster Lenses - P/N RL3.5-XXX/XX

- 12° Narrow (Standard)
- /30 – 30° Medium Angle
- /50 – 50° Medium Angle
- /F – ~70° Wide Angle
- /L – 25° x 6° Angle



\*\*\* UV lights are available with 60 degree reflectors only \*\*\*

Distribution in the UK & Ireland

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