

RING LIGHT 13.5" Series



ELECTRICAL:

Input Voltage: See LDM1400 spec
 Input Current: See LDM1400 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: 20
 Light Emitting Pattern: 13.5" / 343mm
 LED Life: up to 100,000 hours*.
 *Contact us for LED life information

PART NUMBER DESIGNATION: RL13.5-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 $\Delta\lambda_{1/2}$ | 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 | | | | |



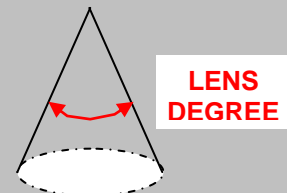
Light includes LDM DIN rail mount constant current driver and 4-meter cable (driver is available with variable or 0-10VDC intensity control - cable also available in 8, 15 and 30-meter lengths)

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



Monster Lenses - P/N RL13.5-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 ***