

# LINEAR LIGHT

## LL157.5 Series



**ELECTRICAL:**

Input Voltage: See LDM2800 spec  
 Input Current: See LDM2800 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: 60  
 Light Emitting Pattern: 57.5" / 1460mm  
 LED Life: up to 100,000 hours\*.  
 \*Contact us for LED life information

**PART NUMBER DESIGNATION: LL157.5-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 $\Delta\lambda\%$ | $\lambda$ 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    |                          |                                       |                        |       |



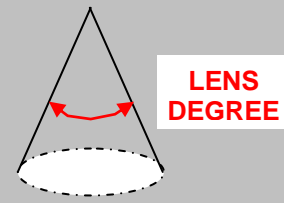
Light includes LDM DIN rail mount constant current driver and 4-meter cable (driver is available with variable or 0-10VDC intensity control - cable also available in 8 and 15-meter lengths)

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



**Monster Lenses - P/N LL157.5-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 \*\*\*