



# RING LIGHT

## 5.5" Series

### 2 channel



**GENERAL:**

The MRL5.5-XXX/YYY is configured with 2 colors of LED's.

**ELECTRICAL:**

Input Voltage (per CH): See \_LDM700 spec  
 Input Current (per CH): See \_LDM700 spec  
 Connector: M12 Quick Connect, 8 pin Euro / Micro

**Caution !!!**

**Use Only Spectrum Illumination LDM Driver with Monster Lights.  
 Do Not Connect Monster Lights Directly to 24VDC!**

**MECHANICAL:**

Dimensions: <http://www.spectrumillumination.com>  
 Weight: 1.55 lbs (0.7kg)

**ILLUMINATION:**

Light Source: LED – R, G, B, W, UV & IR  
 Quantity HB LED's: 6 per channel  
 Light Emitting Pattern: 5.5" / 140mm  
 LED Life: up to 100,000 hours\*  
 \*Contact us for LED life information

**PART NUMBER DESIGNATION:**

MRL5.5-XXX/YYY  
 XXX = Ch 1 Color – see table dash # below  
 YYY = Ch 2 Color – see table dash # below  
 Order part number examples:  
 MRL5.5-630/470 (Red and Blue)



Color	Dash #	λ Dominant Typical	λ Dominant Range	Spectral Half-width Δλ½	λ Peak Typical	Units
Infrared	-850	850	n/a	37	860	nm
Red	-630	625	620 - 630	n/a	n/a	nm
Green	-530	530	520 - 535	n/a	n/a	nm
Blue	-470	475	465 - 485	n/a	n/a	nm
Ultra Violet	-395	395	390 - 400	n/a	n/a	nm
Ultra Violet	-365	365	n/a	n/a	365	nm
Pure White	-WHI	Color Temp 5300 - 7000K CRI 70 typ				
Natural White	-NWH	Color Temp 3800 - 5000K CRI 70 typ*				
Warm White	-WWH	Color Temp 2700 - 3750K CRI 70 typ*				
				* higher CRI available on request		

Note: **-850** IR not available in all combinations



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



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**WIRING:**

For 2<sup>nd</sup> channel - please disregard wire color specified on \_LDM700 driver and wire as indicated below:

**2 Channel (Qty 2 \_LDM700's required):**

Channel	LED Color	Wire Color	_LDM Green Connector
1	Red	Brown	Pin 1
		Blue	Pin 2
2	Blue	Black	Pin 1
		Green or Grey	Pin 2

