



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 2nd 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

