

RL3536 Ring Light



Light Function Diagram

- Available in RGB "All color" version
- Produces classic dark field effects, where incident light reflects away from the camera and illumination is created from specular reflections.

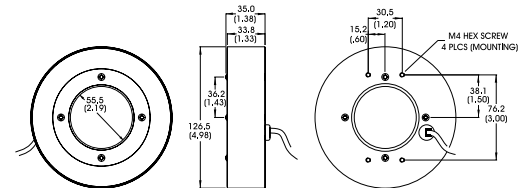


RL3536-RGB
(shown)



Acquired Solution Image

RL3536 Solution:
Used for optical character recognition, the radial illumination of the RL3536 highlights etched code on a metal surface. Adjusting light intensity eliminates error causing glare from the background of the image.



DIMENSIONS ARE IN MILLIMETERS (INCHES)

Standard Working Distance

Optimal WD	76.2mm (3")
Range	up to 152.4mm (6.0")

General Specifications

Light distribution	+/- 10%
Operating temperature	0 to 65°C
Standard product lifetime	100,000 hrs
Product weight	345.6 g 12.2 oz

Standard Variation Current Specifications

	(blue)	(green)	(yellow)	(orange)	(red)	(infra-red)	(white)	(RGB)	
@ 12v	N/A	N/A	120	120	180	180	N/A	N/A	mA
@ 24v	120	120	120	120	120	120	120	110	mA

Standard Product Maximum Illumination

Due to the inherent nature of dark field illumination accurate maximum illumination figures are not available.

Part Number Designation

Standard Product ***SHIPPED NEXT DAY***

Part Number: RL3536-660 (Configured for use with Ai Power Supply)

Standard Product Variation ***SHIPPED WITHIN TWO WEEKS***

RL3536	X	-	XXX	XX	X
	B		(blue) 470 † (green) 520 † (yellow) 590 (orange) 625 (red) 660 (infra-red) 880 (white) WHI † (all color) RGB †	12 24	D (Diffuser) P (Polarizer)

Optional power Compatibility

Spectral wavelength

Optional Light Conditioning

Version "B" Mounting Option

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† Not available in 12v