



**RL1360-470**  
(shown)

# RL1360 Apposelite

- 25mm field of view standard. 35mm FOV optional.
- Solves a wide array of imaging problems where low angle of incidence, radial illumination is required.



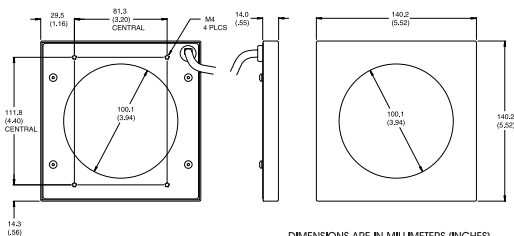
Light Function Diagram

## RL1360 Solution

Inspecting solder joints, the RL1360's radial, low angle illumination allows the vision system to inspect for uniformity of the final solder. Inconsistent formations and overruns are clearly visible to the vision system.



Acquired Solution Image



DIMENSIONS ARE IN MILLIMETERS (INCHES)

### Standard Variation Current Specifications

	(blue)	(green)	(yellow)	(orange)	(red)	(infra-red)	(white)	
@ 12v	N/A	N/A	200	200	360	420	N/A	mA
@ 24v	280	280	120	120	180	240	280	mA

### Standard Product Maximum Illumination

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

### Standard Working Distance

Optimal WD	12.7mm (0.5")
Range	up to 38.1mm (1.5")

### General Specifications

Light distribution	+/- 10%
Operating temperature	0 to 65°C
Standard product lifetime	100,000 hrs
Product weight	397.3 g 14.0 oz

## Part Number Designation

**Standard Product** ***SHIPPED NEXT DAY***

**Part Number:** RL1360-66025 (Configured for use with Ai Power Supply)

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

RL1360	-	Spectral wavelength	Field of view (mm)	Optional power Compatibility
		XXX	XX	XX
		(blue) 470 †	25	12
		(green) 520 †	35	24
		(yellow) 590		
		(orange) 625		
		(red) 660		
		(infra-red) 880		
		(white) WHI †		

† Not available in 12v