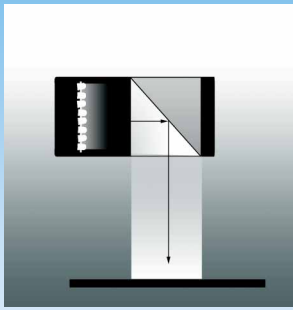


# DL2449 Axial Diffuselite

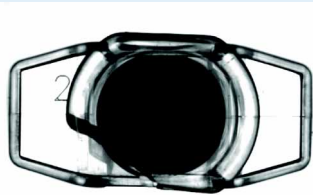


Light Function Diagram

- Even illumination over the full 50mm x 50mm field of view.
- Utilizes heat sinking to cool the illumination source. No cooling fan means extremely low maintenance, vibration free performance.
- Includes high efficiency, coated “easy clean” dust cover to protect the beam splitter combining glass.



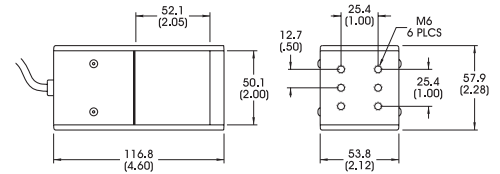
DL2449-470 (shown)



Acquired Solution Image

## DL2449 Solution:

The DL2449 creates significant contrast, giving the appearance of outlining, to the rounded edges of the plunger base in a syringe inspection checking for any cracks or breaks. The diffuse light is well suited to the rounded, reflective edges of this clear plastic part.



DIMENSIONS ARE IN MILLIMETERS (INCHES)

## General Specifications

Light distribution	+/- 10%
Operating temperature	0 to 65°C
Standard product lifetime	100,000 hrs
Product weight	321.1 g 11.3 oz

## Standard Product Maximum illumination

	Working Distance	Watts/cm <sup>2</sup>	Lux
Constant Current	25 mm	950 μW	867
Strobed (100μs)	25 mm	19 mW	17,340

## Standard Variation Current Specifications

	(blue)	(green)	(yellow)	(orange)	(red)	(infra-red)	(white)	(RGB)	
@ 12v	N/A	N/A	240	240	220	280	N/A	N/A	mA
@ 24v	240	240	160	160	110	140	240	110	mA

## Part Number Designation

Standard Product

**SHIPPED NEXT DAY**

Part Number: **DL2449-660** (Configured for use with Ai Power Supply)

Standard Product Variation

**SHIPPED WITHIN TWO WEEKS**

		Optional power Compatibility		
	Spectral wavelength		Optional light Conditioning	
<b>DL2449</b>	-	<b>XXX</b>	<b>XX</b>	<b>XX</b>
	(blue) 470 †	12	<b>D (Diffuser)</b>	
	(green) 520 †	24		
	(yellow) 590			
	(orange) 625			
	(red) 660			
	(infra-red) 880			
	(white) WH†			
	(all color) RGB†			

† Not available in 12v