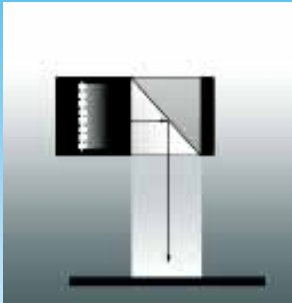


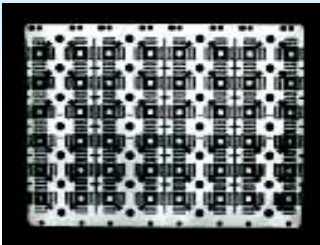


DL38144 Axial Diffuselite



Light Function Diagram

- Even illumination over the full 100mm x 100mm 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.



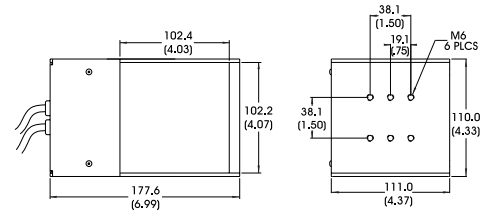
Acquired Solution Image

DL38144 Solution:

The reflective metal surface of a circuit board is well suited to the diffuse light of the DL38144. Incomplete leads, misalignments, and other formation problems can be clearly seen, as well as any surface blemishes.



DL38144-660 (shown)



DIMENSIONS ARE IN MILLIMETERS (INCHES)

General Specifications

Light distribution	+/- 10%
Operating temperature	65°C
Standard product lifetime	100,000 hrs
Product weight	1.25 kg 44.1 oz

Standard Product Maximum illumination

	Working Distance	Watts/cm ²	Lux
Constant Current	25 mm	420 μW	450
Strobed (100μs)	25 mm	8.4 mW	9,000

Standard Variation Current Specifications

	(blue)	(green)	(yellow)	(orange)	(red)	(infra-red)	(white)	(RGB)
@ 12v	N/A	N/A	N/A	N/A	540	810	N/A	N/A mA
@ 24v	480	480	450	450	460	380	480	N/A mA

Part Number Designation

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

Part Number: DL38144-660 (Configured for use with Ai Power Supply)

Standard Product Variation **SHIPPED WITHIN TWO WEEKS**

DL38144 -	Spectral wavelength XXX	Optional power Compatibility		Optional light Conditioning X
		12	24	
	(blue) 470 †	12	24	D (Diffuser)
	(green) 520 †	12	24	
	(yellow) 590 †	12	24	
	(orange) 625 †	12	24	
	(red) 660	12	24	
	(infra-red) 880	12	24	
	(white) WHI †	12	24	

* Standard product requires a dual output power supply.

† Not available in 12v