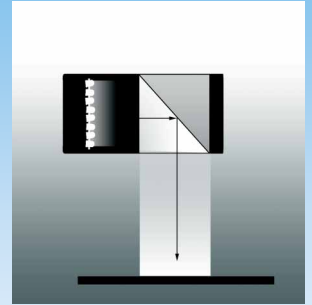


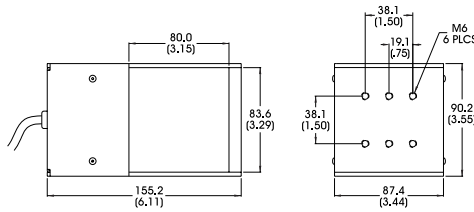
DL37100-WHI
(shown)

DL37100 Axial Diffuselite

- Even illumination over the full 75mm x 75mm 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.



Light Function Diagram



DIMENSIONS ARE IN MILLIMETERS (INCHES)

DL37100 Solution:

Inspecting an impeller after it is welded, the DL37100 creates sufficient contrast between the two metal sections, allowing the vision system to verify the blades are properly placed on the outer ring. Shadows cast by the upturned blades provide a way for the system to make measurements to determine that the blades are fully formed.



Acquired Solution Image

Standard Product Maximum illumination	Working Distance	Watts/cm ²	Lux
Constant Current	25mm	1 mW	795
Strobed (100µs)	25mm	20 mW	15,900

General Specifications

Light distribution	+/- 10%
Operating temperature	0 to 65°C
Standard product lifetime	100,000 hrs
Product weight	735.7 g 26.0 oz

Standard Variation Current Specifications

	(blue)	(green)	(yellow)	(orange)	(red)	(infra-red)	(white)	
@ 12v	N/A	N/A	400	400	600	600	N/A	mA
@ 24v	400	400	200	200	300	300	400	mA

Part Number Designation

Standard Product

SHIPPED NEXT DAY

Part Number: **DL37100-660** (Configured for use with Ai Power Supply)

Standard Product Variation

SHIPPED WITHIN TWO WEEKS

		Optional power Compatibility		
	Spectral wavelength		Optional light Conditioning	
DL37100	-	XXX	XX	X
	(blue) 470† (green) 520† (yellow) 590 (orange) 625 (red) 660 (infra-red) 880 (white) WHI†		12 24	D (Diffuser)

† Not available in 12v

Have a question?
Call us @ 802.767.3830 or FAX @ 802.767.3831