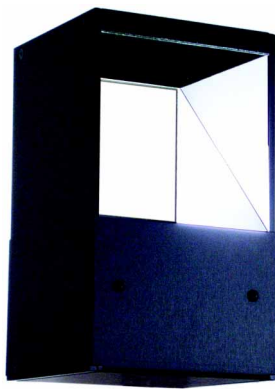




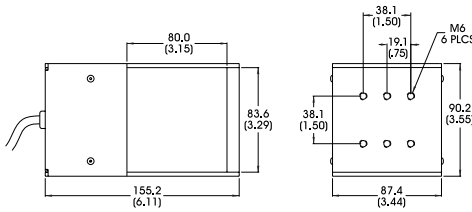
DVT Part No. IAWD-37

AXIAL DIFFUSE LIGHT, 3x3", WHITE

AI/DVT Strobe adapter compatible version: Part No. IAWD-37S

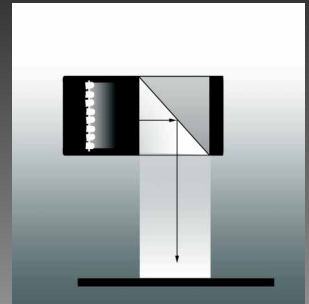


DL37100-WHI (Shown)



DIMENSIONS ARE IN MILLIMETERS (INCHES)

- 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

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 |

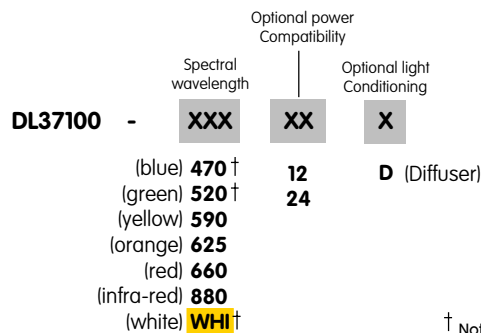
| General Specifications | |
|---------------------------|--------------------|
| Light distribution | +/- 10% |
| Operating temperature | 0 to 65°C |
| Standard product lifetime | 100,000 hrs |
| Product weight | 735.7 g 26.0 oz |

| 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**



† Not available in 12v

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