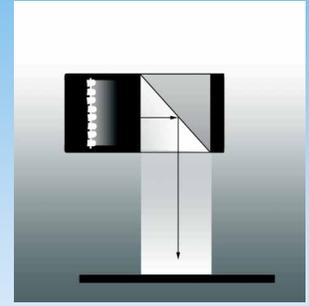




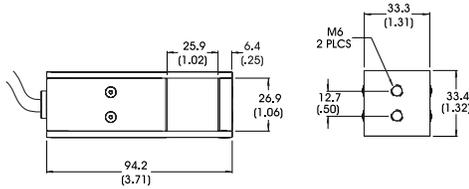
DL3316-WHI
(shown)

DL3316 Axial Diffuselite

- Even illumination over the full 25mm x 25mm field of view.
- Designed for use on small parts or in environments with space limitations.
- Includes high efficiency, coated “easy clean” dust cover to protect the beam splitter combining glass.



Light Function Diagram



DIMENSIONS ARE IN MILLIMETERS (INCHES)

DL3316 Solution:

The DL3316 provides light that casts shadows without creating glare on a black rubber ring. By measuring contrast between the surface of the part and shadows cast within indentations cut into the rubber, the vision system is able to determine the ring's orientation so it can be placed properly for the next phase of the manufacturing process.



Acquired Solution Image

| Standard Product Maximum illumination | Working Distance | Watts/cm ² | Lux |
|---------------------------------------|------------------|-----------------------|-------|
| Constant Current | 25 mm | 450 μW | 407 |
| Strobed (100μs) | 25 mm | 9.0 mW | 8,140 |

General Specifications

| | |
|---------------------------|-------------------|
| Light distribution | +/- 10% |
| Operating temperature | 0 to 65°C |
| Standard product lifetime | 100,000 hrs |
| Product weight | 210.5 g 7.4 oz |

| Standard Variation Current Specifications | (blue) | (green) | (yellow) | (orange) | (red) | (infra-red) | (white) | |
|---|--------|---------|----------|----------|-------|-------------|---------|----|
| @ 12v | N/A | N/A | 80 | 80 | 120 | 120 | N/A | mA |
| @ 24v | 80 | 80 | 40 | 40 | 60 | 60 | 80 | mA |

Part Number Designation

Standard Product **SHIPPED NEXT DAY**

Part Number: **DL3316-660** (Configured for use with Ai Power Supply)

Standard Product Variation **SHIPPED WITHIN TWO WEEKS**

| DL3316 | - | Spectral wavelength XXX | Optional power Compatibility | | Optional light Conditioning X |
|--------|---|----------------------------|------------------------------|----|----------------------------------|
| | | | 12 | 24 | |
| | | (blue) 470† | 12 | | D (Diffuser) |
| | | (green) 520† | 24 | | |
| | | (yellow) 590 | | | |
| | | (orange) 625 | | | |
| | | (red) 660 | | | |
| | | (infra-red) 880 | | | |
| | | (white) WHI† | | | |

† Not available in 12v