

NERLITE® DOAL®-50-FL

Part Number: 10003

Product Description: The DOAL-50-FL provides diffuse illumination in the same optical path as the camera. The DOAL is designed for applications that have flat specular surfaces requiring uniform lighting. The white fluorescent lighting is useful for color applications.

illumination:

Lighting Technique: Diffuse On-Axis
Source Type: White Fluorescent
Frequency: 30 kHz
Expected Life: 10,000 hours
Light Delivery: Diffused
Light Aperture: 50 mm x 50 mm (2 in. x 2 in.)
Suggested Field Of View: 25 mm (1 in.)
Suggested Stand-Off: 12 mm (0.5 in.)

Electrical:

Input Voltage: 12VDC
Input Current: 1.3 A
Cable Length: 0.5 M (18 in.)
Connector: Tini-Plug® 3.6 mm (0.14 in.)
 Mini Phono Plug
CE Conformity: Pending

Mechanical:

L x W x H: 95.3 mm x 86.4 mm x 52.4 mm
 (3.75 in. x 3.40 in. x 2.06 in.)
Mounting: (6) M6
Housing Material: Black Anodized Aluminum
Weight: 500 grams (1.1 lbs.)

Environmental:

Max. Operating Humidity: 95% non-condensing
Operating Temp.: 40°C (104°F)
Storage Temp.: 50°C (122°F)

Accessories:

Part Number	Description
010-500300	PS-3, 12VDC, Power Supply

