

MICROSCAN®

NERLITE® DOAL 50-FO

Part Number: NER-010505100

PRODUCT DESCRIPTION: The DOAL-50-FO 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. Requires fiberoptic light source and light guide.

ILLUMINATION:

Lighting Technique: Diffuse On-Axis
Source Type: Fiber Optic
Spectrum: Dependent upon source
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.)

ACCESSORIES:

Part Number	Description
238-000602	LG-2, Dual bundle light guide
238-001000	CS-1, AC light source
238-001100	CS-2, DC regulated light source



MECHANICAL:

L x W x H: 146.1 mm x 57.2 mm x 52.8 mm
(5.75 in. x 2.25 in. x 2.08 in.)
Mounting: (6) M6
Housing Material: Black Anodized Aluminum
Weight: 411 grams (0.9 lbs.)
Accepts Ferrule Ø: 0.393 2 Leg Bundle

ENVIRONMENTAL:

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

