

MICROSCAN®

NERLITE® DOAL® -75-FO

Part Number: NER-010206100

Product Description: The DOAL-75-FO utilizes a fiber optic light source to provides diffuse illumination in the same optical path as the camera. As a member of our DOAL family, it is designed for applications that have flat specular surfaces requiring uniform lighting. The DOAL-75-FO requires a fiber optic light source and light guide.

illumination:

Lighting Technique: Diffuse On-Axis
Source Type: Fiber Optic
Spectrum: Dependent upon source
Light Delivery: Diffused
Light Aperture: 75 mm x 75 mm (3 in. x 3 in.)
Suggested Field Of View: 38 mm (1.5 in.)
Suggested Stand-Off: 25 mm (1.0 in.)

Mechanical:

L x W x H: 205.0 mm x 82.6 mm x 78.2 mm
 (8.07 in. x 3.25 in. x 3.08 in.)
Mounting: (4) M6
Housing Material: Black Anodized Aluminum
Weight: 0.75 kg (1.68 lbs.)
Accepts Ferrule Ø: 0.393 4 Leg Bundle

Environmental:

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

Accessories:

Part Number	Description
NER-238000604	LG-4, Quad bundle light guide
238-001000	CS-1, AC Light source
238-001100	CS-2, DC Regulated light source

