

MICROSCAN®

NERLITE® COAL-50-FO

Part Number: NER-010204500

Product Description: The COAL-50-FO provides collimated illumination in the same optical path as the camera. The COAL is designed for applications requiring co-axial bright light. Requires fiberoptic light source and light guide.

illumination:

Lighting Technique: Collimated, On-Axis
Source Type: Fiber Optic
Spectrum: Dependent upon source
Light Delivery: Direct
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.)

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 Single 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-238000500	LG-1, Single bundle light guide
238-001000	CS-1, AC light source
238-001100	CS-2, DC regulated light source

