

MICROSCAN®

NERLITE® SCDI®-75-FO

Part Numbers: NER-010300600 SCDI-75-FO
 NER-010300601 SCDI-75-FO , 50/50 Dielectric Beamsplitter

Product Description: The SCDI-75-FO provides continuous diffuse illumination in the same optical path as the camera. It is designed for applications that have uneven specular surfaces requiring uniform lighting. Requires fiber optic light source.

illumination:

Lighting Technique: Continuous Diffuse
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: 37 mm (1.5 in.)
Suggested Stand-Off: 12 mm (0.5 in.)

Mechanical:

L x W x H: 168.3 mm x 82.6 mm x 77.8 mm
 (6.63 in. x 3.25 in. x 3.06 in.)
Mounting: (4) M6
Housing Material: Black Anodized Aluminum
Weight: 544 grams (1.2 lbs.)
Accepts Ferrule Ø: 10mm (0.393 in.), 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 guide
238-001000	CS-1, AC Light source
238-001100	CS-2, DC Regulated light source

