

MICROSCAN®

NERLITE® SCDI®-100-FO

Part Number: NER-010301900

Product Description: The SCDI-100-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 quad bundle and illuminator.

illumination:

Lighting Technique: Continuous Diffuse
Source Type: Fiber Optic
Spectrum: Dependent upon source
Light Delivery: Diffused
Light Aperture: 100 mm x 100 mm
(3.9 in. x 3.9 in.)
Suggested Field Of View: 50 mm (2 in.)
Suggested Stand-Off: 12 mm (0.5 in.)

Mechanical:

L x W x H: 275 mm x 106.3 mm x 134.4 mm
(10.83 in. x 4.19 in. x 5.29 in.)
Mounting: (4) M6
Housing Material: Black Anodized Aluminum
Weight: 1184 grams (1.6 lbs)
Accepts Ferrule Ø: 10.08mm (0.397 in.)

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
238-001000	CS-1, AC Light source
238-001100	CS-2, DC Regulated light source

