

NERLITE®

SCDI®-187-FO

PART NUMBER: 010-300800

PRODUCT DESCRIPTION: The SCDI-187-FO provides continuous diffused 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: 190.5mm x 146.0mm
(7.50 in. x 5.75 in.)
Suggested Field Of View: 93.5 mm (3.68 in.)
Suggested Stand-Off: 25.4 mm (1 in.)

MECHANICAL:

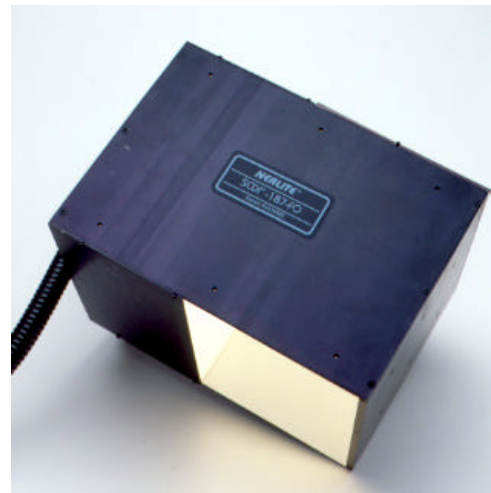
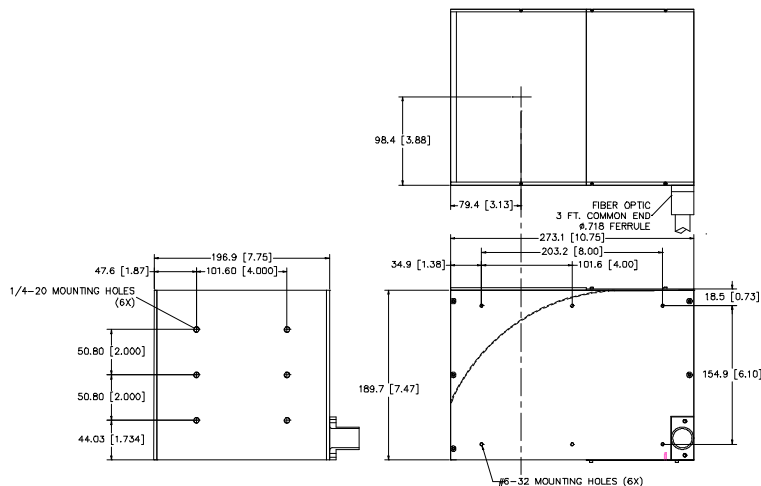
L x W x H: 273.1 mm x 196.8 mm x 189.7 mm
(10.75 in. x 7.75 in. x 7.47 in.)
Mounting: (6) ¼-20 on front
(6) #6-32 each side
Housing Material: Black Anodize Aluminum
Weight: 2722 grams (6 lbs.)
Fiber Bundle Included: Yes
Ferrule Terminates Ø: 18.2 mm (0.72 in.)

ENVIRONMENTAL:

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

ACCESSORIES:

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



Products are protected under US Patent #s; 5,461,417;
5,187,611; 5,539,485; 5,301,402; 5,604,550;
5,684,530; 5,713,661

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