

MICROSCAN®

NERLITE® CDI®-300-FO, 4 Camera

Part Number: 010-253104

Product Description: The CDI-300-FO (Cloudy Day Illuminator®), is ideal for illuminating uneven specular surfaces. The CDI provides outstanding uniformity, up to ±10% maximum deviation within the field of view. This unit is configured to allow 4 cameras to image the illuminated area. The unit requires two fiber optic sources.

Illumination:

Lighting Technique: Continuous Diffuse
Source Type: Fiber Optic
Light Delivery: Diffused
Light Aperture: 200 mm x 350 mm
 (8 in. x 14 in.)
Suggested Field Of View: 150 mm x 255 mm
 (6 in. x 10 in.)
Suggested Stand-Off: 25 mm (1 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

Mechanical:

L x W x H: 490.5 mm x 336.6 mm x 422.1 mm
 (19.31 in x 13.25 in. x 16.62 in.)
Mounting: (6) 1/4-20 both sides
Housing Material: Black Anodized Aluminum
Weight: 11.34 kg (25 lbs.)
Accepts Ferrule (2) Ø: 0.718 in.

Connector Pinout (9-pin D-subminiature, Female)

Pin #	Signal
1	Fan +12VDC, 225mA
2	Fan GND

