

MICROSCAN®

NERLITE® CDI®-175/125-FO

PART NUMBER: NER-010250200

Product Description: The CDI-175/125-FO (Cloudy Day Illuminator®) is optimized for illuminating flat, specular surfaces. The CDI provides outstanding uniformity, up to ±10% maximum deviation within the field of view. The unit requires a fiber optic light source.



Illumination:

Lighting Technique: Continuous Diffuse
Source Type: Fiber Optic
Spectrum: Source dependent
Light Delivery: Diffused
Camera (top) Aperture: 51.6 mm (2.03 in.)
Light (bottom) Aperture: 130 mm (5.25 in.)
Suggested Field Of View: 120 mm (5 in.)
Suggested Stand-Off: 12 mm (0.5 in.)

Mechanical:

L x W x H: 282.6 mm x 174.6 mm x 185.7 mm
 (11.12 in x 6.87 in. x 7.31 in.)
Mounting: (4) 1/4-20
Housing Material: Black Anodized Aluminum
Weight: 3.1 kg (6.8 lbs.)
Accepts Ferrule Ø: 18.2 mm (0.72 in.)

Accessories:

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

Environmental:

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

