

# MICROSCAN®

## NERLITE® CDI®-150/25-LED Red

Part Number: NER-010251500

Product Description: The CDI-150/25-LED (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.

### Illumination:

Lighting Technique: Continuous Diffuse  
 Source Type: Red LED  
 Spectrum: 636 nm  
 Expected Life: 60,000 hours  
 Light Delivery: Diffused  
 Light Aperture: 150 mm (5 in.)  
 Suggested Field Of View: 25 mm (1 in.)  
 Suggested Stand-Off: 12mm (0.5 in.)



### Electrical:

Input Voltage: 12VDC  
 Input Current: 1.2A  
 Cable Length: 1.8 M (6 ft.)<sup>1</sup>  
 Connector: 9 pin D-sub male<sup>1</sup>  
 CE Conformity: Pending

### Mechanical:

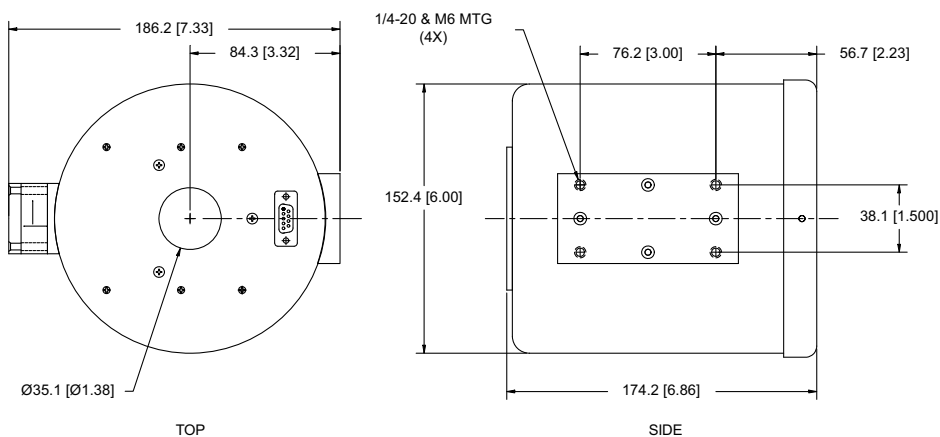
L x W x H: 186.2 mm x 152.4 mm x 174.2 mm  
 (7.33 in. x 6.00 in. x 6.86 in.)  
 Mounting: (4) ¼-20 & M6  
 Housing Material: Black Anodized Aluminum  
 Weight: 1141 grams (2.5 lbs.)

### Accessories:

| Part Number   | Description                        |
|---------------|------------------------------------|
| NER-030003702 | Ext. Cable, Cont., 1.8 M (6 ft.)   |
| NER-030003703 | Ext. Cable, Cont., 3.0 M (10 ft.)  |
| NER-010503500 | VPS-II, 2 Ch. Variable PS, US Cord |
| NER-010503501 | VPS-II, 2 Ch. Variable PS, EU Cord |

### Environmental:

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



### Cable Pinout: <sup>1</sup>

| Model                 | Pin# | 1            | 2         | 3               | 4             | 5             | 6   | 7   | 8   | 9   |
|-----------------------|------|--------------|-----------|-----------------|---------------|---------------|-----|-----|-----|-----|
| 12V Continuous Models |      | +12VDC (Fan) | GND (Fan) | GND (Ring/DOAL) | +12VDC (Ring) | +12VDC (DOAL) | n/a | n/a | n/a | n/a |

<sup>1</sup> Cable/connector specs reference detachable power cable (NER model # 030-000500) included with unit.