

PART NUMBER: 010-251500

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.)

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.)

ELECTRICAL:

Input Voltage: 12VDC
Input Current: 1.2A
Cable Length: 1.8 M (6 ft.)¹
Connector: 9 pin D-sub male¹
CE Conformity: Pending

ENVIRONMENTAL:

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

ACCESSORIES:

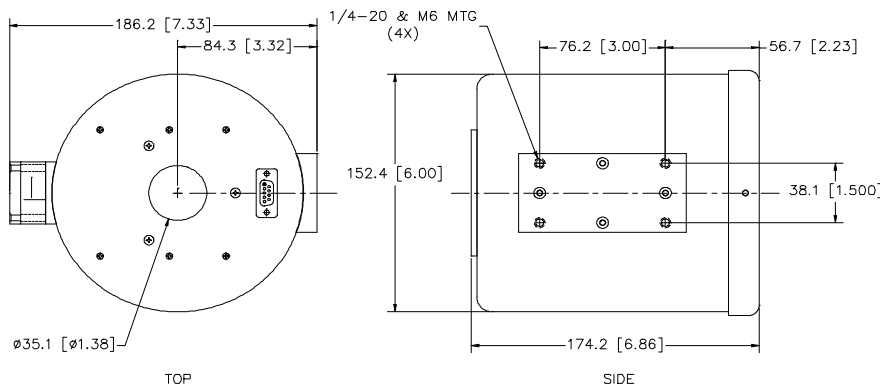
Part Number	Description
030-003700	Extension Cable, Continuous, 1.8 M (6 ft.)
030-003701	Extension Cable, Continuous, 3.0 M (10 ft.)
010-501200	VPS, Variable, US Cord
010-501201	VPS-EU, Variable, EU Cord



CABLE PINOUT:¹

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

¹ Cable/connector specs reference included extension cable.



All RVSI/NER Products come with an Industry-Leading 2-Year Warranty

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

NER Document: CU-010-251500 - Revised: 05/05/03