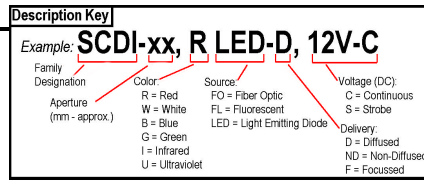


SCDI®-75-LED Series Square Continuous Difuse Illuminators provide continuous diffuse illumination in the same optical path as the camera. The SCDIs patented design addresses critical applications involving highly specular surfaces. The SCDI is designed to minimize surface textures and elevation changes while providing uniform illumination over the field of view.



MODEL #	DESCRIPTION
010-302000	SCDI®-75, R LED-D, 12V-C
010-302003	SCDI®-75, R LED-D, 12V-C, A/R shields
010-302001	SCDI®-75, R LED-D, 24V-S
010-302005	SCDI®-75, R LED-D, 24V-C w/"Flying Leads"
010-302400	SCDI®-75, G LED-D, 12V-C
010-302800	SCDI®-75, W LED-D, 12V-C



ILLUMINATION & ELECTRICAL:

Lighting Technique: Square Continuous Diffuse
Light Aperture: 59 mm x 76 mm (2.3 in. x 3.0 in.)
Field Of View x Stand-Off: 38 mm (1.5 in.) x 25 mm (1.0 in.)
Light Characteristics:

Source	Color (nm)	Exp. Life	Voltage/Current (max.)		
			12V-C	24V-C	24V-S
LED	Red (636)	60k hrs.	976 mA	240 mA	7.0 A pk.
LED	Green (533)	50k hrs.	1.0 A	n/a ¹	n/a ¹
LED	White - 6500 Kelvin	10k hrs.	1.1 A	n/a ¹	n/a ¹

¹No model available in stated voltage

CE Conformity: Yes

MECHANICAL:

L x W x H (mm/in.): 138.4 mm x 82.6 mm x 77.0 mm (5.45 in. x 3.25 in. x 3.03 in.)

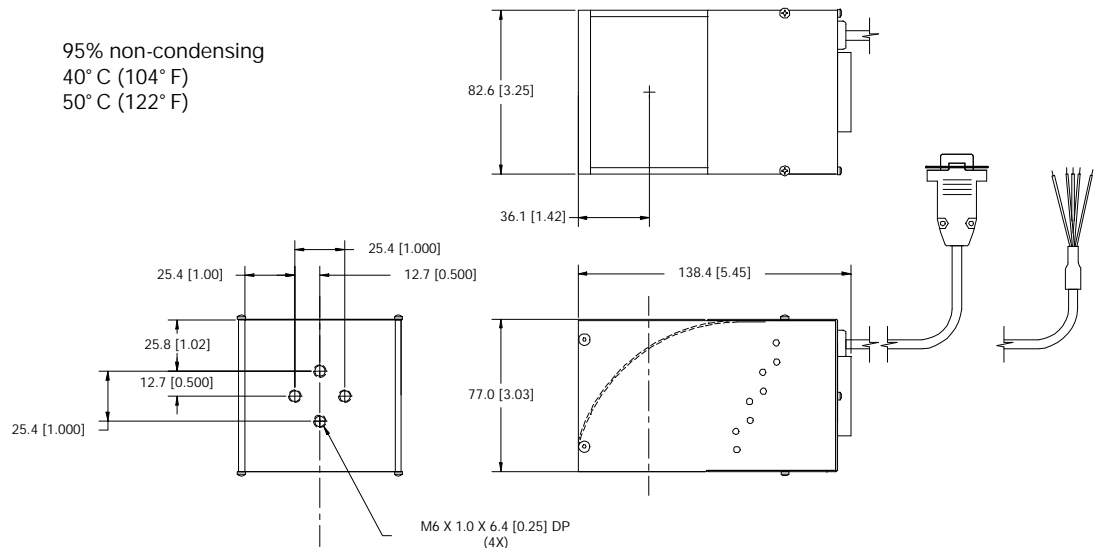
Mounting: (4) M6
Housing Material: Black Anodized Aluminum
Weight: 454 grams (16 oz.)

ENVIRONMENTAL:

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

ACCESSORIES:

Part #	Description	Models Used On
010-901900	SCM, Strobe Control Module	24V-S
010-501402	CPS-24, 24VDC, US cord	24V-S
010-501401	CPS-24, 24VDC, EU cord	24V-S
010-502400	CPS-12 1.5A, 12VDC, US cord	12V-C
010-502500	CPS-12 1.5A, 12VDC, EU cord	12V-C
010-500301	CPS-12 3.5A, 12VDC, US Cord	12V-C
010-500303	CPS-12 3.5A, 12VDC, EU Cord	12V-C
010-502700	ICM-1, M/D, 12V-C	12V-C
010-502702	SCM-1, M/D, 24V-S	24V-S
010-501200	VPS, Variable, US Cord	12V-C
010-501201	VPS-EU, Variable, EU Cord	12V-C
030-003700	Ext. Cable, Cont., 1.8 M (6 ft.)	12V-C
030-003701	Ext. Cable, Cont., 3.0 M (10 ft.)	12V-C
030-007006	Ext. Cable, Strobe, 1.8 M (6 ft.)	24V-S
030-007010	Ext. Cable, Strobe, 3.0 M (10 ft.)	24V-S
030-006900	Y cable, 2 Lights, 9 pin D-sub Strb.	24V-S
030-003601	Y cable, 2 Lights, 9 pin D-sub Cont.	12V-C



CABLES/CONNECTORS:

	Connector	Length	Pin#	1	2	3	4	5	6	7	8	9
12V-C Models	9 pin D-sub Male	0.5 M (18 in.)		+12VDC (Fan)	GND (Fan)	GND	+12VDC	n/a	n/a	n/a	n/a	n/a
24V-S Models	9 pin D-sub Male	1.8 M (6 ft.)		V-	n/a	n/a	+24VDC	n/a	n/a	n/a	n/a	n/a
24V-C Models¹	n/a (flying leads) ¹	4.5 M (15 ft.)										

¹Note: 24V-C Models w/"Flying Leads" have a 4.5 M (15 ft.) cable with four (4) tinned leads and no connector; leads are labeled GND, V+ (+24VDC), Fan GND and Fan V+ (+24VDC)



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

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