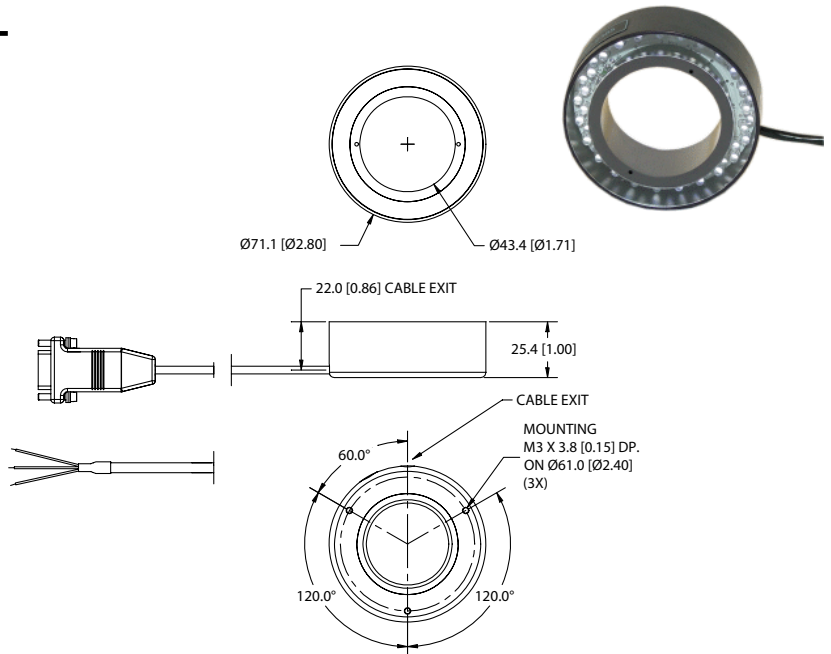


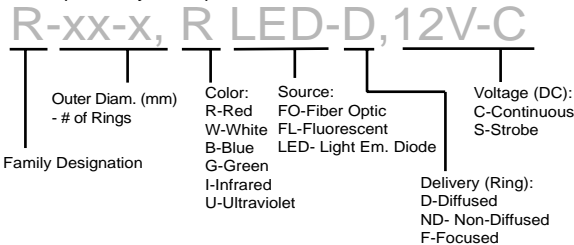
NERLITE® R-70-1 "V2" Series Ring

R-70-1 "V2" Series Ring Illuminators feature 24 LEDs in a single ring configuration. Building on the design of our original R-70 Series, these models offer enhancements to mounting and accessory installation that make them class leaders in application versatility. Lens adapter options permit direct mounting to lens filter threads or lens barrel. A wide selection of model choices... diffused, non-diffused, or focused – red or white spectrums – 12 or 24 volt power – continuous or strobed ...assures broad application coverage. For applications where more light intensity is required, see the R-70-2 (two rings of 24 LEDs each for a total of 48 LEDs). R-70-1 V2 Ring Illuminators are ideal for applications that require cost-effective illumination of diffused surfaces.

MODEL#	DESCRIPTION
NER-010605800	R-70-1 V2, R LED-ND, 12V-C 2M (6.6') Cbl. w/DB9
NER-010605801	R-70-1 V2, R LED-D, 12V-C 2M (6.6') Cbl. w/DB9
NER-010605810	R-70-1 V2, R LED-ND, 24V-C 2M (6.6') Cbl. w/DB9
NER-010605811	R-70-1 V2, R LED-D, 24V-C 2M (6.6') Cbl. w/DB9
NER-010605820	R-70-1 V2, R LED-ND, 24V-S 2M (6.6') Cbl. w/DB9
NER-010605821	R-70-1 V2, R LED-D, 24V-S 2M (6.6') Cbl. w/DB9
NER-010605830	R-70-1 V2, W LED-ND, 12V-C 2M (6.6') Cbl. w/DB9
NER-010605831	R-70-1 V2, W LED-D, 12V-C 2M (6.6') Cbl. w/DB9
NER-010605840	R-70-1 V2, W LED-ND, 24V-C 2M (6.6') Cbl. w/DB9
NER-010605841	R-70-1 V2, W LED-D, 24V-C 2M (6.6') Cbl. w/DB9
NER-010605850	R-70-1 V2, W LED-ND, 24V-S 2M (6.6') Cbl. w/DB9
NER-010605851	R-70-1 V2, W LED-D, 24V-S 2M (6.6') Cbl. w/DB9



Description Key Example



Illumination & Electrical:

Lighting Technique:

Ring

Light Aperture:

43.4 mm (1.71 in.)

Light Characteristics:

Source	Color (nm)	Exp. Life	Voltage/Current (max.)		
			12V-C	24V-C	24V-S
LED	Red + (660)	50k hrs.	84 mA	46 mA	0.8 A pk.
LED	White - 6500 Kelvin	10k hrs.	160 mA	80 mA	1.6 A pk.

CE Conformity:

Yes

Mechanical:

OD x ID x H (mm/in.):

71.1 mm x 43.4 mm x 25.4 mm
(2.80 in. x 1.71 in. x 1.0 in.)

Mounting:

Housing Material:

Weight:

(3) M3 X 3.8 mm (0.15 in.) Deep
Black Anodized Aluminum
136 grams (0.3 lbs.)

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
NER-010901900	SCM-2, 2 Channel Strobe Cntrl.	24V-S
NER-010501402	CPS-24, 24VDC, US Cord	24V-S ¹
NER-010501401	CPS-24, 24VDC, EU Cord	24V-S ¹
NER-010502601	CPS-24T, 24VDC US w/9-pin D-sub	24V-C & 24V-S ^{1,2}
NER-010502602	CPS-24T, 24VDC EU w/9-pin D-sub	24V-C & 24V-S ^{1,2}
NER-010500301	CPS-12, 3.5A, 12VDC, US Cord	12V-C
NER-010500302	CPS-12, 3.5A, 12VDC, EU Cord	12V-C
NER-010502700	ICM-1, M/D Intensity Cntrl, 12V-C	12V-C
NER-010502701	ICM-1, M/D Intensity Cntrl, 24V-C	24V-C ²
NER-010502702	SCM-1, 1 Channel M/D Strobe Cntrl.	24V-S
NER-010503500	VPS-II, 2 Ch. Variable PS, US Cord	12V-C
NER-010503501	VPS-II, 2 Ch. Variable PS, EU Cord	12V-C
NER-030003702	Ext. Cable, Cont., 1.8 M (6 ft.)	12V-C & 24V-C
NER-030003703	Ext. Cable, Cont., 3.0 M (10 ft.)	12V-C & 24V-C
NER-030007006	Ext. Cable, Strobe, 1.8 M (6 ft.)	24V-S
NER-030007010	Ext. Cable, Strobe, 3.0 M (10 ft.)	24V-S
NER-030006900	Y cable, 2 Lights, 9 pin D-sub Strb.	24V-S
NER-030003601	Y cable, 2 Lights, 9 pin D-sub Cont.	12V-C & 24V-C
NER-010026310	Lens Adptr, Clamp-On, Nylon Screws, 43.4mm ID	All ³
NER-080103900	Lens Adptr, Fltr Thrd Mnt 25.5 x 0.5mm, 22.9mm ID	All ³
NER-080092600	Lens Adptr, Fltr Thrd Mnt 27.0 x 0.5mm, 24.4mm ID	All ³
NER-080092501	Lens Adptr, Fltr Thrd Mnt 30.5 x 0.5mm, 27.5mm ID	All ³
NER-080092500	Lens Adptr, Fltr Thrd Mnt 40.5 x 0.5mm, 37.3mm ID	All ³

¹ NER-01050140x used only with NER-010901900;

NER-01050260x used with either NER-010502702 or 24V-C lights with DB-9 connectors

² 24V-C accessories are not available for "Flying Leads" configurations

³ See Lens Adapter Spec sheet

Cables/Connectors:

	Connector	Length	Pin#	1	2	3	4	5	6	7	8	9
12V-C Models	9 pin D-sub Male	2.0 M (6.6 ft.)		n/a	n/a	GND	+12VDC	n/a	n/a	n/a	n/a	n/a
24V-S Models	9 pin D-sub Male	2.0 M (6.6 ft.)		V-	n/a	n/a	+24VDC	n/a	n/a	n/a	n/a	n/a
24V-C Models¹	9 pin D-sub Male ¹	2.0 M (6.6 ft.)		n/a	n/a	n/a	n/a	n/a	n/a	+24VDC	n/a	GND

¹ Note: 24V-C Models w/"Flying Leads" have a 4.5 M (15 ft.) cable with two (2) tinned leads and no connector; leads are labeled GND and V+ (+24VDC)