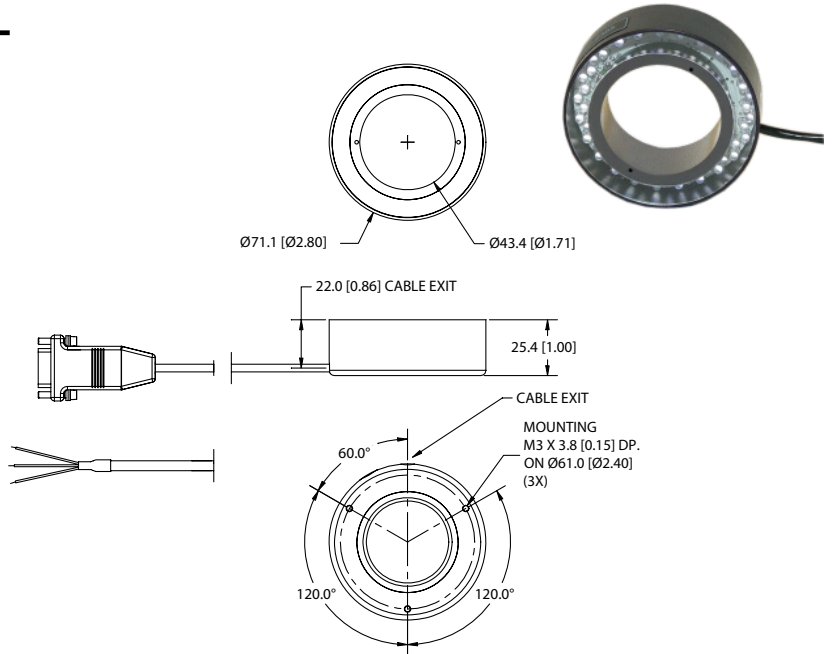
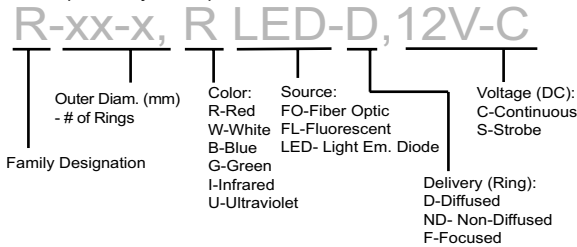


NERLITE® R-70-1 "V2" Series Ring

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
RVA:0106058	R-70-1 V2, R LED
	0 = ND, 1 = D
	0 = 12V-C, 1 = 24V-C, 2 = 24V-S
RVA:0106058	R-70-1 V2, R LED
	2 = F 70, 3 = F 102, 4 = F 127
	0 = 12V-C, 1 = 24V-C, 2 = 24V-S
RVA:0106058	R-70-1 V2, W LED
	0 = ND, 1 = D
	3 = 12V-C, 4 = 24V-C, 5 = 24V-S
RVA:0106058	R-70-1 V2, W LED
	2 = F 70, 3 = F 102, 4 = F 127
	3 = 12V-C, 4 = 24V-C, 5 = 24V-S

Description Key Example



Illumination & Electrical:

Lighting Technique: Ring
Light Aperture: 43.4 mm (1.71 in.)

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

Environmental:

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

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 Models ¹	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)

Accessories:

Part #	Description	Models Used On
RVA:010901900	SCM-2, 2 Channel Strobe Cntrl.	24V-S
RVA:010501402	CPS-24, 24VDC, US cord	24V-S ¹
RVA:010501401	CPS-24, 24VDC, EU cord	24V-S ¹
RVA:010502601	CPS-24T, 24VDC US w/9-pin D-sub	24V-C & 24V-S ^{1,2}
RVA:010502602	CPS-24T, 24VDC EU w/9-pin D-sub	24V-C & 24V-S ^{1,2}
RVA:010500301	CPS-12 3.5A, 12VDC, US Cord	12V-C
RVA:010500303	CPS-12 3.5A, 12VDC, EU Cord	12V-C
RVA:010502700	ICM-1, M/D Intensity Cntrl, 12V-C	12V-C
RVA:010502701	ICM-1, M/D Intensity Cntrl, 24V-C	24V-C ²
RVA:010502702	SCM-1, 1 Channel M/D Strobe Cntrl.	24V-S
RVA:010503500	VPS-II, 2 Ch. Variable PS, US Cord	12V-C
RVA:010503501	VPS-II, 2 Ch. Variable PS, EU Cord	12V-C
RVA:030003702	Ext. Cable, Cont., 1.8 M (6 ft.)	12V-C & 24V-C
RVA:030003703	Ext. Cable, Cont., 3.0 M (10 ft.)	12V-C & 24V-C
RVA:030007006	Ext. Cable, Strobe, 1.8 M (6 ft.)	24V-S
RVA:030007010	Ext. Cable, Strobe, 3.0 M (10 ft.)	24V-S
RVA:030006900	Y cable, 2 Lights, 9 pin D-sub Strb.	24V-S
RVA:030003601	Y cable, 2 Lights, 9 pin D-sub Cont.	12V-C & 24V-C
RVA:010026310	Lens Adptr, Clamp-On, Nylon Screws, 43.4mm ID ³	All
RVA:080103900	Lens Adptr, Fltr Thrd Mnt 25.5 x 0.5mm, 22.9mm ID ³	All
RVA:080092600	Lens Adptr, Fltr Thrd Mnt 27.0 x 0.5mm, 24.4mm ID ³	All
RVA:080092501	Lens Adptr, Fltr Thrd Mnt 30.5 x 0.5mm, 27.5mm ID ³	All
RVA:080092500	Lens Adptr, Fltr Thrd Mnt 40.5 x 0.5mm, 37.3mm ID ³	All

¹ RVA:01050140x used only with RVA:010901900;

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

³ See Lens Adapter Spec sheet at <http://www.nerlite.com/pdfs/her-lens-adapters-v2-rings.pdf>

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