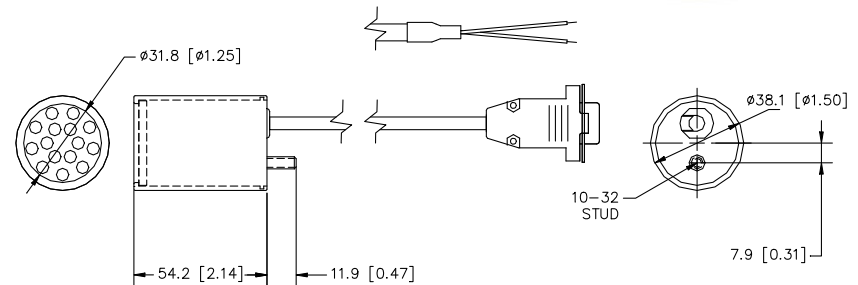


MICROSCAN®

NERLITE® S-40 Series Spot Arrays

S-40 Series Spot Arrays employ a round or 'spot' design providing light from a specific direction onto the field of view. The direction of the illumination is dependent upon the mounting position. S-40 Series modules may be used as dark-field (creating shadows and specular reflection), or as bright-field for diffused surfaces. S-40 focused models have a concentrating lens designed for a 75mm stand-off.

Model #	Description
NER-010651202	S-40, B LED-ND, 24V-S, 1.8M (6 ft.) Cbl. w/DB9
NER-010651204	S-40, W LED-ND, 24V-S, 1.8M (6 ft.) Cbl. w/DB9
NER-010651211	S-40, W LED-D, 24V-S, 1.8M (6 ft.) Cbl. w/DB9
NER-010651223	S-40, W LED-D, 24V-C, 2M (6.6 ft.) Cbl. w/DB9
NER-010651206	S-40, W LED-F, 24V-S, 1.8M (6 ft.) Cbl. w/DB9, FL=75mm
NER-010650304	S-40, R LED-ND, 24V-S, 1.8M (6 ft.) Cbl. w/DB9
NER-010650305	S-40, R LED-D, 24V-S, 1.8M (6 ft.) Cbl. w/DB9
NER-010650322	S-40, R LED-F, 24V-C, 4.5M (15 ft.) Cbl. w/Flying Leads, FL=75mm ¹



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

(1.50 in. x 2.14 in.)
 (1) 10-32 stud on top of unit
 Black Anodized Aluminum
 227 grams (8 oz.)

Mounting:
Housing Material:
Weight:

Environmental:
Max. Operating Humidity
Operating Temp.
Storage Temp.

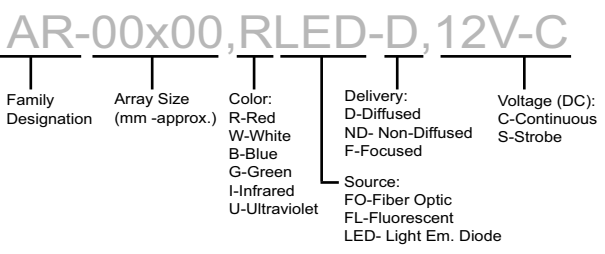
95% non-condensing
 40°C (104°F)¹
 50°C (122°F)

Accessories:

Part #	Description	Models Used On
NER-010500301	CPS-12 3.5A, 12VDC, US Cord	12V-C
NER-010500303	CPS-12 3.5A, 12VDC, EU Cord	12V-C
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-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-010901900	SCM-2, 2 Channel 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 ²
NER-030003703	Ext. Cable, Cont., 3.0 M (10 ft.)	12V-C & 24V-C ²
NER-030003601	Y cable, 2 Lights, 9 pin D-sub Cont.	12V-C & 24V-C ²
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

¹ NER-01050140x used only with NER-010901900;
² 24V-C accessories are not available for "Flying Leads" configurations

Description Key Example



Illumination & Electrical:

Lighting Technique: Dark-field or Bright-field
Light Output Area: 31.8 mm (1.25 in.)
Light Characteristics:

Source	Color (nm)	Exp. Life ¹	Voltage/Current (max.)	
			24V-C	24V-S
LED	Red (636)	60k hrs. ¹	63 mA	600 mA, 1msec pulse @ 60HZ
LED	White - 6500 Kelvin	10k hrs. ¹	46 mA	1A, 1msec pulse @ 60HZ
LED	Blue (470)	10k hrs. ¹	n/a	1A, 1msec pulse @ 60HZ

CE Conformity: Yes

¹ Continuous power models with lenses (diffused or focused) run hot. To maximize product life, external cooling (e.g. fan and/or reduced ambient temperature) is required.

Cables/Connectors:

Connector	Length	Pin#	1	2	3	4	5	6	7	8	9
12V-C Models	9 pin D-sub Male	1.8 M (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	1.8 M (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)