

# VISYS / NERLITE® Product Guide

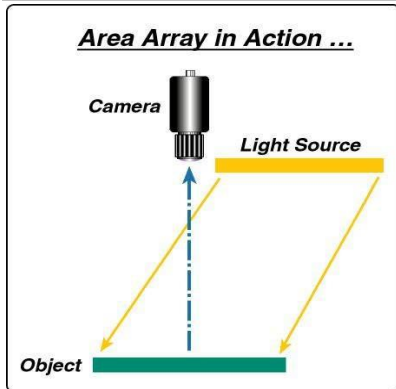
Lead times are subject to component availability.

Effective March 2007

All information subject to change without notice

## ARRAY ILLUMINATORS

Array Illuminators are designed for non-specular surface lighting in applications that demand economical solutions. Small area (AR- and S-40 families), linear (LA- family) and large area (LAL- family) configurations are available.



DESCRIPTION <sup>1</sup>	PART #		TYPE: Standard Custom	PDF Link
LA-50-1, R LED-D / -ND RVA:0106541	□ □ ← ↑	0 = ND, 1 = D 0 = 12V-C, 1 = 24V-C, 2 = 24V-S	S	---
LA-50-1, R LED-F <sup>2</sup> RVA:0106541	□ □ ← ↑	2 = LW .2" @ .5", 4 = LW .25" @ .5" 0 = 12V-C, 1 = 24V-C, 2 = 24V-S	S	---
LA-50-1, W LED-D / -ND RVA:0106541	□ □ ← ↑	0 = ND, 1 = D 3 = 12V-C, 4 = 24V-C, 5 = 24V-S	S	---
LA-50-1, W LED-F <sup>2</sup> RVA:0106541	□ □ ← ↑	2 = LW .2" @ .5", 4 = LW .25" @ .5" 3 = 12V-C, 4 = 24V-C, 5 = 24V-S	S	---
LA-100-1, R LED-D / -ND RVA:0106543	□ □ ← ↑	0 = ND, 1 = D 0 = 12V-C, 1 = 24V-C, 2 = 24V-S	S	---
LA-100-1, R LED-F <sup>2</sup> RVA:0106543	□ □ ← ↑	2 = LW .2" @ .5", 4 = LW .25" @ .5" 0 = 12V-C, 1 = 24V-C, 2 = 24V-S	S	---
LA-100-1, W LED-D / -ND RVA:0106543	□ □ ← ↑	0 = ND, 1 = D 3 = 12V-C, 4 = 24V-C, 5 = 24V-S	S	---
LA-100-1, W LED-F <sup>2</sup> RVA:0106543	□ □ ← ↑	2 = LW .2" @ .5", 4 = LW .25" @ .5" 3 = 12V-C, 4 = 24V-C, 5 = 24V-S	S	---
LA-150-1, R LED-D / -ND RVA:0106545	□ □ ← ↑	0 = ND, 1 = D 0 = 12V-C, 1 = 24V-C, 2 = 24V-S	S	---
LA-150-1, R LED-F <sup>2</sup> RVA:0106545	□ □ ← ↑	2 = LW .2" @ .5", 4 = LW .25" @ .5" 0 = 12V-C, 1 = 24V-C, 2 = 24V-S	S	---
LA-150-1, W LED-D / -ND RVA:0106545	□ □ ← ↑	0 = ND, 1 = D 3 = 12V-C, 4 = 24V-C, 5 = 24V-S	S	---
LA-150-1, W LED-F <sup>2</sup> RVA:0106545	□ □ ← ↑	2 = LW .2" @ .5", 4 = LW .25" @ .5" 3 = 12V-C, 4 = 24V-C, 5 = 24V-S	S	---

LA-Series

### LA-Series Custom Models

Part #	DESCRIPTION <sup>1</sup>		
RVA:010654193	LA-50-1, I LED-F, 12V-C, LW .25 @ .5", 940nm <sup>2</sup>		C
RVA:010654391	LA-100-1, R LED-D, 24V-C, 6' (2M) Cbl w/Flying Leads		C

<sup>1</sup> Unless otherwise noted, all LA-Series models (standard & custom) have 6' (2M) Cbl w/DB9

<sup>2</sup> Focusing (Fresnel) models produce line widths (LW) of .2" (5mm) or .25" (6.35mm) at a .5" (12.7mm) stand off.

See chart at <http://www.nerlite.com/pdfs/techrefs/la-series-fl.pdf> for more Fresnel lens performance specs.

### LA-Series Accessories

Part #	DESCRIPTION		
RVA:010907003	Kit, LA-50-1 Eval. Accessories <sup>3</sup>		S
RVA:010907004	Kit, LA-100-1 Eval. Accessories <sup>3</sup>		S
RVA:010907005	Kit, LA-150-1 Eval. Accessories <sup>3</sup>		S

<sup>3</sup>Kits contain (1) diffuser, (1) FL=.25" [6.35mm] Fresnel, (1) FL=.50 [12.7mm] Fresnel and (1) 1.5mm hex key

### Description Key

Example: **LA-000-0, R LED-D, 12V-C**

Family Designation	Color:	Source:	Voltage (DC):
Array Size:	R = Red	FO = Fiber Optic	C = Continuous
Length (mm) - LED Rows	W = White	FL = Fluorescent	S = Strobe
	B = Blue	LED = Light Emitting Diode	Delivery:
	G = Green		D = Diffused
	I = Infrared		ND = Non-Diffused
	U = Ultraviolet		F = Focussed

### NERLITE Power Supply, Light Control & Light Source Usage

Light	Voltage	Recommended Power Supply, Light Control or Light Source	
		Part Number	Description
LED	12V-C	RVA:010500301	CPS-12 POWER SUPPLY, 3.5A, DB9-F, U.S. <sup>1</sup>
		RVA:010500303	CPS-12 POWER SUPPLY, 3.5A, DB9-F, EUR. <sup>1</sup>
		RVA:010502700	ICM, 12V, 1 CHANNEL MANUAL/DIGITAL INTENSITY CNT.
	24V-C	RVA:010502601	CPS-24T POWER SUPPLY, 2.2A, DB9-F, U.S. <sup>2</sup>
		RVA:010502602	CPS-24T POWER SUPPLY, 2.2A, DB9-F, EUR. <sup>2</sup>
		RVA:010502701	ICM, 24V, 1 CHANNEL MANUAL/DIGITAL INTENSITY CNT.
24V-S	RVA:010502601	CPS-24T POWER SUPPLY, 2.2A, DB9-F, U.S. <sup>2</sup>	
		CPS-24T POWER SUPPLY, 2.2A, DB9-F, EUR. <sup>2</sup>	
		CPS-24 POWER SUPPLY, 2.2A, NO CONNECTOR, U.S. <sup>2</sup>	
	RVA:010501402	CPS-24 POWER SUPPLY, 2.2A, NO CONNECTOR, EUR. <sup>3</sup>	
		RVA:010501401	SCM-1, 1 CHANNEL MANUAL/DIGITAL STROBE CONTROL
		RVA:010502702	SCM-2, 2 CHANNEL MANUAL STROBE CONTROL
CC		Requires Current Control - see "Power & Control" Page *	
FO <sup>4</sup>	N/A	RVA:238001000	CS-1 LIGHT SOURCE, AC COUPLED, 115V, U.S.
		RVA:238001001	CS-1 LIGHT SOURCE, AC COUPLED, 230V, EUR.
		RVA:238001100	CS-2 LIGHT SOURCE, DC COUPLED, 115V, U.S.
		RVA:238001102	CS-2 LIGHT SOURCE, DC COUPLED, 230V, EUR.
FL <sup>5</sup>	12V-C	RVA:010500300	PS-3, 3.5A, MIN. PHONO PLUG, 120V, U.S.
		RVA:010500302	PS-3, 3.5A, MIN. PHONO PLUG, 230V, EUR.

NOTES: <sup>1</sup>VARIABLE POWER SUPPLY (RVA:010503500 U.S., RVA:010503501 EUR) OPTIONAL

<sup>2</sup> USE ON 24V-C LIGHTS w/DB9 CONN. & FOR 24V-S LIGHTS w/SCM-1 (RVA:010502702) STROBE MODULE

<sup>3</sup> USE FOR 24V-S LIGHTS w/SCM-2 (RVA:010901900) STROBE MODULE

<sup>4</sup>SEE FO LIGHT SPEC SHEET FOR REQUIRED LIGHT GUIDE <sup>5</sup>SCDI-25 & 100 FL'S USE CPS-12 POWER SUPPLY

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Ph: +1.603.598.8400  
Fx: +1.603.821.6908  
Em: [info.nerlite@siemens.com](mailto:info.nerlite@siemens.com)

View specifications on the web at [www.nerlite.com](http://www.nerlite.com)