

The AR-50x200-HO Series of high output area arrays provide bright, non-diffuse illumination in a rectangular array.

MODEL #	DESCRIPTION
010-650003	AR-50X200-HO, R LED-ND, 12V-C
010-650004	AR-50X200-HO, R LED-ND, 24V-S
010-650005	AR-50x200-HO, R LED-ND, 24V-C
010-650006	AR-50x200-HO, B LED-ND, 12V-C
010-650011	AR-50X200-HO, B LED-ND, 24V-S
010-650012	AR-50X200-HO, W LED-ND, 24V-C

Description Key			
Example: <b>AR-00x00, R LED-D, 12V-C</b>			
Family Designation	Color:	Source:	Voltage (DC):
Array Size (mm - approx.)	R = Red W = White B = Blue G = Green I = Infrared U = Ultraviolet	FO = Fiber Optic FL = Fluorescent LED = Light Emitting Diode	C = Continuous S = Strobe CC = Current Control
			Delivery: D = Diffused ND = Non-Diffused F = Focussed



### ILLUMINATION & ELECTRICAL:

**Lighting Technique:** Area Array  
**Active Area:** 51mm x 203 mm (2 in. x 8 in.)  
**Light Characteristics:**

Source	Color (nm)	Exp. Life	Voltage/Current (max.)		
			12V-C	24V-C	24V-S
LED	Red (636)	60k hrs.	1.6 A	0.8 A	13.0 A pk.
LED	Blue (470)	10k hrs.	1.86 A	n/a	17.6 A pk.
LED	White - 6500 Kelvin	10k hrs.	n/a	0.9 A	n/a

**CE Conformity:** Yes

### MECHANICAL:

**L x W x H (mm/in.):** 228.6 mm x 59.9 mm x 50.8 mm (9.00 in. x 2.36 in. x 2.00 in.)  
**Mounting:** (4) 1/4-20 on bottom of unit  
**Housing Material:** Black Anodized Aluminum  
**Weight:** 567 grams (1.25 lbs.)

### ENVIRONMENTAL:

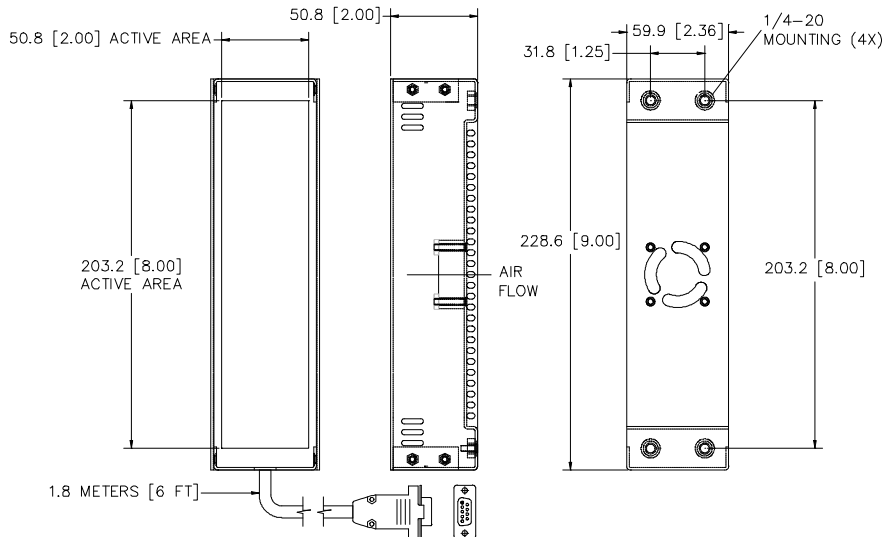
**Max. Operating Humidity:** 95% non-condensing  
**Operating Temp.:** 40° C (104° F)  
**Storage Temp.:** 50° C (122° F)

### ACCESSORIES:

Part #	Description	Models Used On
010-901900	SCM-2 Channel Strobe Control	24V-S
010-501402	CPS-24, 24VDC, US cord	24V-S <sup>1</sup>
010-501401	CPS-24, 24VDC, EU cord	24V-S <sup>1</sup>
010-502601	CPS-24T, 24VDC US w/9-pin D-sub	24V-C & 24V-S <sup>1</sup>
010-502602	CPS-24T, 24VDC EU w/9-pin D-sub	24V-C & 24V-S <sup>1</sup>
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 Intensity Cntrl, 12V-C	12V-C
010-502701	ICM-1, M/D Intensity Cntrl, 24V-C	24V-C
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
030-003600	Y cable, 2 Lights, 9 pin D-sub Cont.	12V-C

<sup>1</sup>010-50140x used only with 010-901900;

010-50260x used with either 010-502702 or 24V-C lights with DB-9 connectors



### 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.)		+12VDC (Fan)	GND (Fan)	GND	+12VDC	n/a	n/a	n/a	n/a	n/a
24V-C Models	9 pin D-sub Male	2.0 M (6.6 ft.)		+24VDC (Fan)	GND (Fan)	n/a	n/a	n/a	+24VDC	n/a	GND	n/a
24V-S Models	9 pin D-sub Male	1.8 M (6 ft.)		V-	n/a	n/a	+24VDC	+24VDC	V-	n/a	n/a	n/a



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**