

RE-VERBER-RAY HEATER SUBMITTAL SHEET

ELX SERIES ELECTRIC HEATERS-60"

SHORT WAVE AND MEDIUM WAVE ELECTRIC INFRARED HEATERS

PROJECT ID: _____	ADDRESS: _____
PROJECT NAME: _____	_____
DATE: _____	CITY: _____ STATE: _____ ZIP: _____
Submitted By: _____	Address: _____
Company: _____	_____
Phone: _____	City: _____
Email: _____	State: _____ Zip: _____
.....	
Engineer: _____	Contractor: _____
Phone/Email: _____	Phone/Email: _____
Address: _____	Address: _____
City: _____	City: _____
State: _____ Zip: _____	State: _____ Zip: _____

CHOOSING AN ELX MODEL

The ELX Series offers a variety of configurable options including housing color, length, voltage, wattage, element quantity, and element type to fit a wide range of applications.

VOLTAGE OPTIONS

The ELX Series is available in several voltages including 208, 240, 277, 480, and 575 V. The voltage available to the space is an important consideration when determining which chassis and element type to select as voltage is directly related to wattage.

CHASSIS OPTIONS

Each application is different, which is why the ELX Series can be customized in a variety of ways, beginning with the chassis. Available in stainless steel or black powder-coated finishes; 24", 33", 46" or 60"; and one, two, or three heating elements.



Stainless Steel



Black Powder-Coat



Single Element



Double Element



Triple Element



**DETROIT RADIANT
PRODUCTS COMPANY**

Detroit Radiant Products
21400 Hoover Rd.
Warren, MI 48089

Phone: (586) 756-0950
Email: sales@drp-co.com
www.reverberray.com

LSELX60-07/26 (DRPC)

60" LONG MODELS

3,000 to 4,000 Watts

	Model Number	Replacement Lamp	Voltage*	Total Amps	Total Watts	BTU/h
MEDIUM WAVE ELEMENTS	ELXM-60B1-208 ¹ ELXM-60S1-208 ¹	EL-MW-B60-3.0	208	14.42	3,000	10,236
	ELXM-60B1-240 ¹ ELXM-60S1-240 ¹	EL-MW-C60-3.0	240	12.50	3,000	10,236
	ELXM-60B1-277 ¹ ELXM-60S1-277 ¹	EL-MW-D60-3.0	277	10.83	3,000	10,236
HIGH-OUTPUT MEDIUM WAVE ELEMENTS	ELXT-60B1-480 ¹ ELXT-60S1-480 ¹	EL-HO-G60	480	8.33	4,000	13,649
	ELXT-60B1-575 ¹ ELXT-60S1-575 ¹	EL-HO-H60	575	6.96	4,000	13,649

¹ Not available to ship via UPS. Truckline only.

NOTE: Heaters are configured at the factory for single phase wiring. If three phase service is desired, it must be wired as such in the field by a trained installer/electrical contractor.



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FEATURED SPECIFICATIONS

APPROVALS

- UL Listed
- Indoor & Outdoor Commercial/Industrial Approval
- Outdoor Residential Approval

HEATER CONSTRUCTION (Choose)

- Black powder-coat aluminized steel housing
- 304 brushed stainless steel housing for added durability and corrosion resistance
- High temperature louvered nylon end caps

LAMP ELEMENTS

- Interchangeable standard medium wave, high-output medium wave, & clear or ruby short wave element options
- Coiled tungsten filament housed within a sealed quartz tubing
- Stainless steel end caps
- Instantaneous heat-up and cool-down

ELECTRICAL SUPPLY

- Voltages from 208 to 575 VAC
- Single-phase (can be wired in field as three-phase)
- 3,000 to 4,000 W per element

CONTROLS

- Field supplied

MOUNTING

- 0° to 45° adjustable brackets

REFLECTORS

- Gold-colored, anodized aluminum reflectors reduce visible light glare
- Wide, symmetric design

LIMITED WARRANTY

- 1 year—All components
- Please contact the factory for further information on the terms and conditions.*

OPTIONAL ACCESSORIES

- | | |
|---|--|
| ☐ EL-1FR60 | Black finish recessed mount—fits 60" single element |
| ☐ EL-1FR60-SS | Stainless steel recessed mount—fits 60" single element |
| ☐ EL-WMB | Stainless steel wall mounting brackets. Designed to support heater in a sidewall mounting application. One set per heater. |
| ☐ EL-1WG60 | Stainless steel wire guard—fits 60" single element |



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RE-VERBER-RAY SAFETY SUBMITTAL SHEET

ELX SERIES CLEARANCES TO COMBUSTIBLES

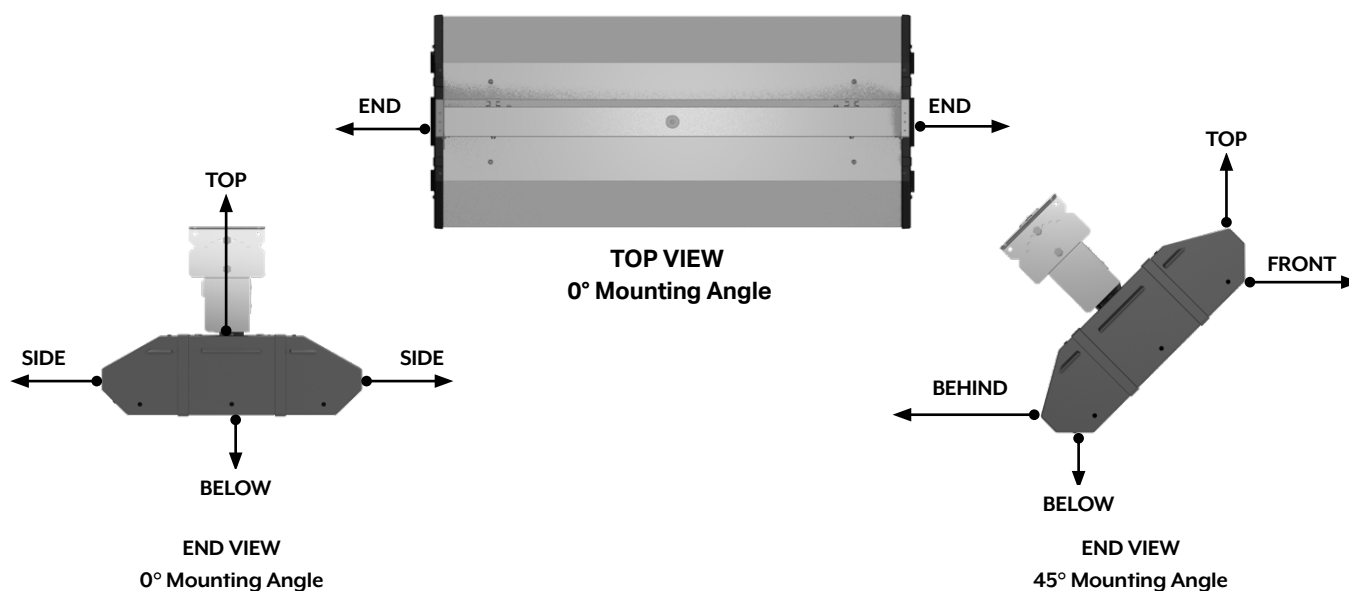
All listed clearances to combustibles are in inches.

Length	Mounting Angle	Side		End	Top	Below	Minimum Mounting Height
		Front	Behind				
Single Element							
24"	0°	16	16	12	6	56	6 ft.
33"							
46"	45°	47	4	12	10	40	
60"							
Double Element							
24"	0°	28	28	26	6	86	7.5 ft.
33"							
46"	45°	86	4	26	10	86	
Triple Element							
24"	0°	31	31	34	9	105	9 ft.
33"							
46"	45°	105	4	34	10	105	

* Heaters mounted on an angle between 0° and 45° must maintain clearances posted for 0° or 45°, whichever is greater.

** Clearances to combustibles must be maintained when using recessed mount kits (P/N: EL-RM-XXXX). For additional information, refer to form # LSH123b—Recessed Mounting Frame Installation Instructions or contact the factory.

NOTE: Ensure that building materials with a low heat tolerance (i.e., awnings, fabrics, plastics, sprinklers, insulation, etc.) are protected against degradation. This may require the heater to be mounted at a distance in excess of the published clearances to combustibles. Contact the material manufacturer for specific details.



Read and understand the installation, operation, and maintenance manual prior to installing or servicing this unit.

In locations used for the storage of combustible materials, signs must be posted adjacent to the heater's thermostat specifying stacking heights.



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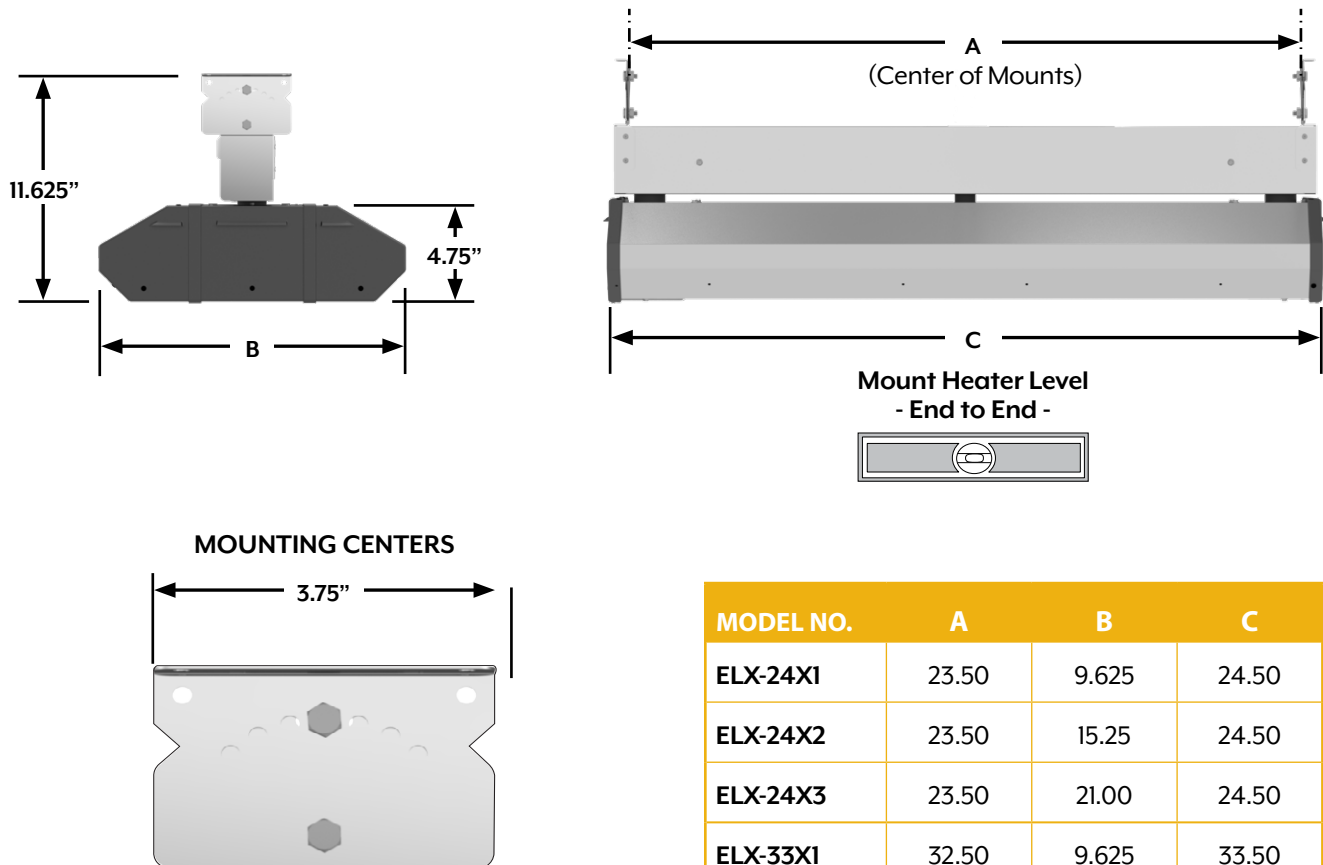
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LSELXc-07/26 (DRPC)

RE-VERBER-RAY DIMENSIONAL SUBMITTAL SHEET

ELX SERIES DIMENSIONS

Drawing NTS



MODEL NO.	A	B	C
ELX-24X1	23.50	9.625	24.50
ELX-24X2	23.50	15.25	24.50
ELX-24X3	23.50	21.00	24.50
ELX-33X1	32.50	9.625	33.50
ELX-33X2	32.50	15.25	33.50
ELX-33X3	32.50	21.00	33.50
ELX-46X1	45.50	9.625	46.50
ELX-46X2	45.50	15.25	46.50
ELX-46X3	45.50	21.00	46.50
ELX-60X1	59.50	9.625	60.50



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LSELXd-07/26 (DRPC)

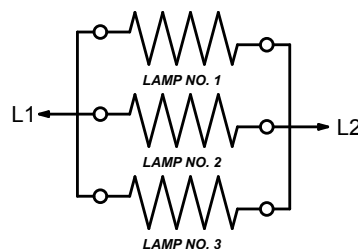
RE-VERBER-RAY WIRING SUBMITTAL SHEET

ELX SERIES WIRING DIAGRAMS

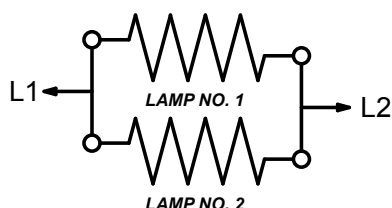
Wiring Diagram for Units with 1 Lamp



Wiring Diagram for Units with 3 Lamps

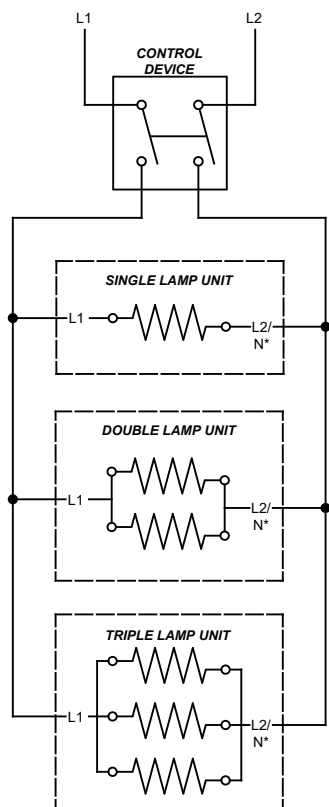


Wiring Diagram for Units with 2 Lamps



Single Phase Service

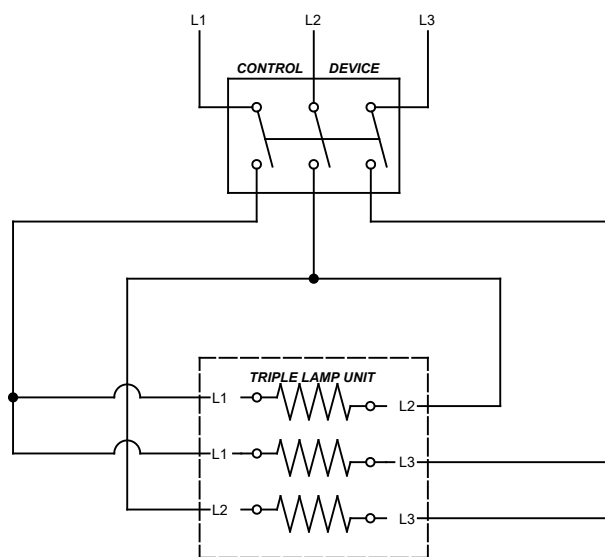
Heaters are built as single phase.



*N for 120 V
and 277 V

Three Phase Service

Field configured.



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LSELXw-07/23 (DRPC)

RE-VERBER-RAY HEATER SUBMITTAL SHEET

ELX SERIES HIGH INTENSITY HEATERS

SHORT WAVE AND MEDIUM WAVE ELECTRIC INFRARED HEATER WRITTEN SPECIFICATIONS

ELECTRIC RADIANT HEATERS

- A. Basis-of-Design Product: Subject to compliance with requirements, provide Detroit Radiant Products Company; Re-Verber-Ray ELX Series.
- B. Electric heaters must be UL Listed to operate at the designated rating of _____ kW/h.
- C. Heaters shall operate in given voltages:

<u>Volt</u>	<u>Phase</u>	<u>Hertz</u>
120	1	50/60
208	1 or 3	50/60
240	1 or 3	50/60
277	1 or 3	50/60
480	1 or 3	50/60
575	1 or 3	50/60
- D. Heaters shall operate in given wattage inputs of 750 to 4,800 W.
- E. Heater housing shall be constructed of either black powder-coated aluminized steel or 304 brushed stainless steel.
- F. Heater shall include high-temperature nylon louvered end caps. Nylon material shall have V-0 and 5VA flame class ratings, a 100°C minimum RTI, and comply with impact and mold stress-relief tests of UL 746C.
- G. Reflector shall have a multi-faceted design and be constructed of gold-colored, anodized aluminum for the purpose of reducing visible light glare.
- H. Lamp element tubing shall be a [clear] [ruby] quartz tube with [medium wave] [high-output medium wave] [short wave] output. Metal sheath types shall not be permitted.
- I. Lamp elements shall be interchangeable between output types.
- J. Optional protective grill shall be bright zinc coated.
- K. Optional factory supplied mounting brackets shall accommodate for sidewall or ceiling mounting.



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LSELXsf-07/23 (DRPC)