



Heater Dimensions

	ELE X5C 015	ELE X5C 030	ELE X5C 050
A from Diagram	14"	20"	26"
B from Diagram	14"	20"	26"
C from Diagram	10"	12"	16"
Weight (lbs)	8	12	22

Heater Performance

	ELE X5C 015	ELE X5C 030	ELE X5C 050
Power (Watts)	1500	3000	5000
Lens Power	5x	5x	5x
Spot Pattern	Circular	Circular	Circular
Typical Mounting Height	8' – 13'	10' – 18'	13' – 23'
≥+15° Spot Size	14 ft ²	28 ft ²	60 ft ²
ΔT at min. height*	30° F	27° F	25° F
ΔT at max. height*	8° F	7° F	6° F

The ELE X5C series of HotZone™ infrared spot heaters:

- Are high intensity electric infrared (radiant) spot heaters
- With their patented IRLens™ focus 5x more infrared energy into the central beam than spot heaters without lenses
- Heat people or objects, not the air
- Are designed and UL/ETL listed for fixed and location dedicated indoor and outdoor use including in damp and wet locations
- Come in 3 standard sizes: 1500W, 3000W and 5000W
- Can be wall, ceiling, in-ceiling or pole mounted
- Come with a range of voltage options from 120V through 480V
- Come standard unpainted aluminum or powder coated any of 200 colors

HotZone ELE X5C heaters are well suited for spot heating applications where it is inefficient or impossible the increase the ambient air temperature including in factories, warehouses, arenas and stadiums, garages, hangars, restaurants, guard houses, residences and other locations.

HotZone™ heaters are designed and manufactured in the USA by Radiant Optics, Inc.

*Temperature increase resulting from direct radiant energy. In most applications, surface heating, re-radiation and other effects will also raise the ambient temperature over time and add to the temperature increase. Please refer the ELE X5C Series Design Guides for detailed temperature increase data at a range of mounting heights and angles.



ELE Series HotZone heaters in drop-bezel in-ceiling mounts warming an outdoor living space.



See mechanical and electrical installation information on back of this page.

Installation Notes

Heaters must be installed:

- by a licensed electrician
- with the correct supply voltage to maximize infrared output and element life
- at or above the minimum mounting height
- outside the minimum distance to combustibles to reduce the risk of fire
- with the junction box on the low side of the heater to avoid overheating and voiding the warranty

Heaters may be:

- hung from the top by chains or attached to a ceiling, wall or pole with the included multi-mount bracket
- installed in ceilings using any of 3 in-ceiling mount accessory packages

Minimum Mounting Height

	ELE X5C 015	ELE X5C 030	ELE X5C 050
Min. Mounting Height	72"	72"	96"

Minimum Distance to Combustibles (around heater)

	ELE X5C 015	ELE X5C 030	ELE X5C 050
Above	6"	9"	12"
Back	1"	1"	1"
Front*	1"	1"	1"
Side	1"	1"	1"
Below (in beam)	48"	66"	96"

Combustible Avoidance Zone Diameter (below heater)

Distance from Lens	ELE X5C 015	ELE X5C 030	ELE X5C 050
12"	26"	32"	38"
24"	36"	42"	48"
36"	46"	52"	58"
48"	56"	62"	68"
60"	N/A	72"	78"
72"	N/A	82"	88"
84"	N/A	N/A	98"
96"	N/A	N/A	108"

Electrical Requirements

HotZone ELE X5C heaters come in 3 standard sizes (1500W, 3000W and 5000W) and a range of voltages, and wiring schemes, depending on element choice.

Model ELE X5C 015 (1500W)

Voltage (V)	Element	Element Stages	Element Leads	Current/Stage (A)
120	7501	1	2	12.5
120	7502	2	3	6.3
208	7503	1	2	7.2
240	7504	1	2	6.3
277	7505	1	2	5.4

Model ELE X5C 030 (3000W)

Voltage (V)	Element	Element Stages	Element Leads	Current/Stage (A)
120	75301	2	3	12.5
208	75302	2	3	7.2
208	75303	3-Y	4	8.3
208	75304	3-Delta	3	4.8
240	75305	2	3	6.3
277	75306	1	2	10.8
277	75307	2	3	5.4
346	75308	1	2	8.7
480	75309	2	3*	6.3

Model ELE X5C 050 (5000W)

Voltage (V)	Element	Element Stages	Element Leads	Current/Stage (A)
120	75501	3	4	13.9
208	75502	2	3	12.0
208	75503	3-Y	4	13.9
208	75504	3-Delta	3	8.0
240	75505	2	3	10.4
240	75506	3-Delta	3	6.9
277	75507	2	3	9.0
346	75508	1	2	14.5
480	75509	2	3*	10.4
480	75510	3-Y	4	6.0

* Neutral lead (3rd lead) must be capped off

Heater Controls

Radiant Optics offers a broad range of heater control hardware including switches, timers, power controllers, thermostats and other sensors to allow you to create an efficient and effective thermal comfort solution. Please visit www.RadiantOptics.com on the web for more information.