

# Solaira<sup>TM</sup>

# ICR SERIES

## HIGH-OUTPUT COMMERCIAL/INDUSTRIAL RADIANT HEATING SYSTEMS

Solaira's new ICR SERIES of infrared heaters represent the evolution of engineered shortwave heating technology. ICR SERIES heaters produce short wavelength infrared which can convert greater than 90% ~ of consumed energy into instant, controllable, directional heat. Radiant efficiency is maximized because heat generated by SOLAIRA heaters warms people and objects, with limited warming of the air and is virtually unaffected by air current or breezes.

The ICR SERIES allows specifying engineers to adjust specified heating loads based on area requirements. ICR SERIES heaters have low ceiling clearance requirements (as little as 4.5" clearance)\*\* and may be recessed for architecturally clean installations\*

**CLEARANCE  
REQUIREMENTS\*\***  
as low as

**6"**

FOR WALL  
MOUNT

**4.5"**

FOR CEILING  
MOUNT



**3**  
year\*

Fixture  
Warranty

~ at emitter lamp

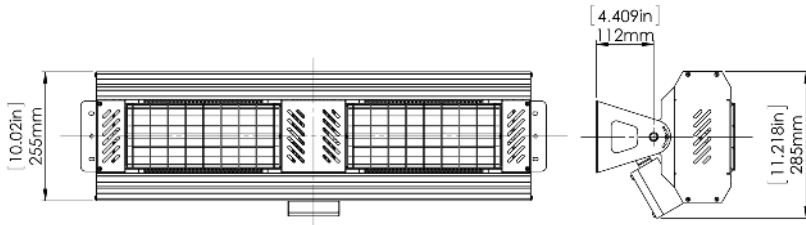


## Also available with **RECESS KIT**

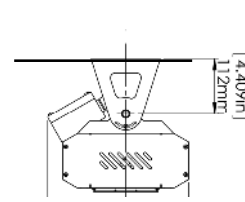
- Allows Solaira ICR SERIES heaters to be recessed directly into a ceiling structure\*
- Reduces ceiling clearance to zero, minimizing ceiling clutter, for a clean, streamlined look

\*utilizing appropriate fire rated construction materials per instruction manuals  
\*\* refer to approved manuals for details

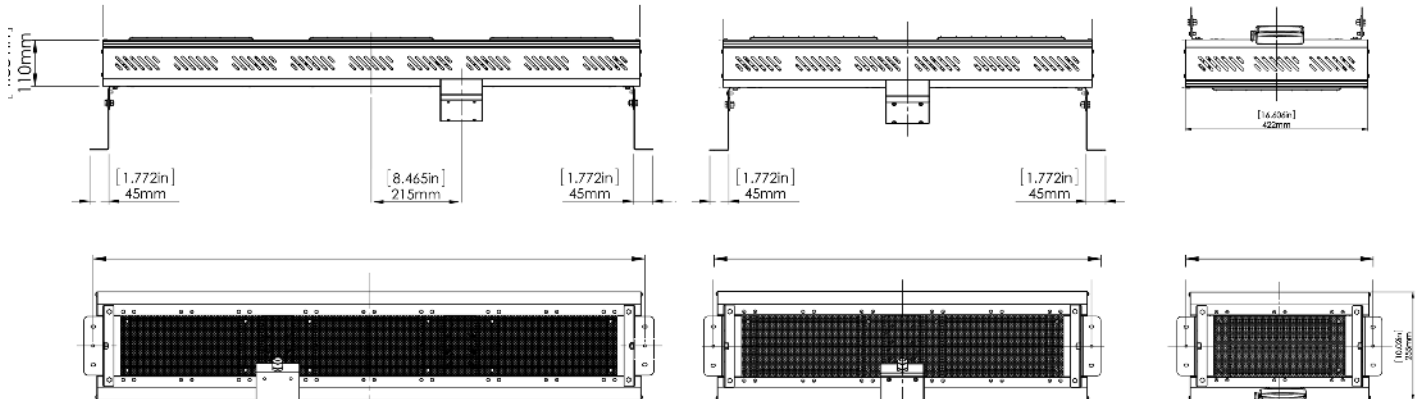
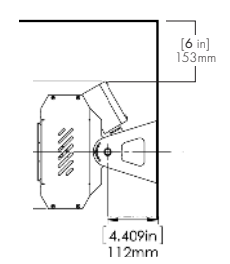
## SPECIFICATIONS



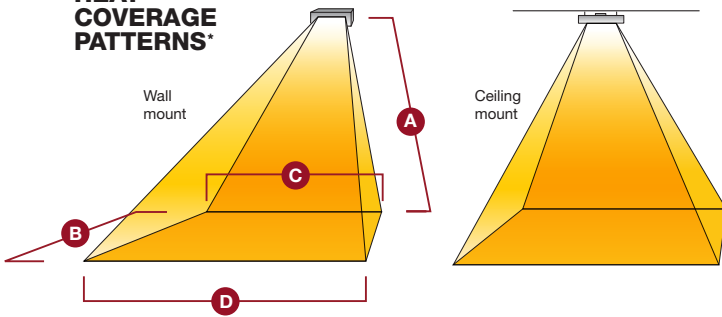
## CEILING MOUNT



## WALL MOUNT



## HEAT COVERAGE PATTERNS\*



## Wall Mount Heat Coverage Guideline\*

Model	A	B	C	D	Heat Zone*	Heat Density*
SICR60240G	10'	11'	12'	12'	143 sq. ft.	40 W/sq. ft.
SICR45240G (LL)	10'	11'	12'	12'	143 sq. ft.	31 W/sq. ft.
SICR40240G	8'2"	10'	11'	11'	120 sq. ft.	33 W/sq. ft.
SICR30240G (LL)	8'2"	10'	11'	11'	120 sq. ft.	25 W/sq. ft.
SICR20240G	8'2"	10'	10'	10'	100 sq. ft.	20 W/sq. ft.

\* Heat Zone and actual heat density will vary based on mounting height and angle of heater (Overhead mounted heat zones will be different then this guide). Please use this as a guideline only and contact Solaira for a more detailed specifier guide.

MODEL	TOTAL POWER (Watts)	VOLTAGE (Volts)	TOTAL CURRANT (Amps)	MIN. HEIGHT FROM FLOOR (Inches/cm)	CLEARANCE TO CEILING (Inches/cm)	CLEARANCE TO SIDE-WALL (Inches/cm)		WEIGHT (Pounds/kg.)	REPLACEMENT EMITTER
						Ceiling Mount	Wall Mount		
SICR60240G	6000/4500	240/208	25.0/21.6	120"/108" (305/274cm)	6" (15cm)	4.5" (11.2 cm)	6.0" (15cm)	17.6 lbs. (8.0kg)	IWIRE20240
SICR45240G (LL)	4500/3375	240/208	18.8/16.2	108"/99" (274/250cm)	6" (15cm)	4.5" (11.2 cm)	6.0" (15cm)	17.6 lbs. (8.0kg)	IWIRE15240
SICR40240G	4500/3375	240/208	16.7/14.4	108"/99" (274/250cm)	6" (15cm)	4.5" (11.2 cm)	6.0" (15cm)	13 lbs. (6.0 kg)	IWIRE20240
SICR30240G (LL)	3000/2250	240/208	12.5/10.8	98"/98" (250/250cm)	6" (15cm)	4.5" (11.2 cm)	6.0" (15cm)	13 lbs. (8.0 kg)	IWIRE15240
SICR20240G	2000/1500	240/208	8.3/7.2	79"/79" (201/201cm)	6" (15cm)	4.5" (11.2 cm)	6.0" (15cm)	6.6 lbs.(3.0kg)	IWIRE20240

NOTE: All models come standard with Low Glare Lamps, models marked (LL) are available with ultra Low Glare Candel™ emitters

## RECESS KITS

SICR-H3-TRMG	Solaira ICR Series Trim Kit for <b>H3</b> (6.0/4.5kW) (required for recess application per cCSAus approval)
SICR-H2-TRMG	Solaira ICR Series Trim Kit for <b>H2</b> (4.0/3.0kW) (required for recess application per cCSAus approval)
SICR-H1-TRMG	Solaira ICR Series Trim Kit for <b>H1</b> (2.0kW) (required for recess application per cCSAus approval)

# Solaira™

SOLAIRA™ is a registered trademark of Inforesight Consumer Products Inc  
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\* Specifications subject to change without notice