ELCON / GLASS-FRONT INFRARED HEATERS

Elcon GLASS IR

NIR / 2-2.5 kW / IP67 / Wall / ceiling





Design & operation

- High-intensity heating with Visible Light NIR technology
- 2600°C filament temperature
- 7000 hours operating life
- Aesthetic design with quartz black glass technology
- Excellent heat focusing with a 150mm parabolic body structure
- Anodized aluminum body
- Remote control module with 4 different power levels
- Digital screen displaying the power level
- Easy installation and removal
- IP67 rated protection against water and dust

Features vary by configuration. Refer to the comparison table for the selected model.

Heating technology

Visible Light NIR Infrared Lamp

Also known as near-infrared heaters, these lamps generate high-density heat from a tungsten filament. They operate on a short-wave frequency of 0.8-1.0 µm. The filament temperature of the Visible Light lamp reaches 2600°C and is fully enclosed. Elcon's state-of-the-art lamps feature a special gold-plated optical filter that protects the eyes from bright light and maximizes energy savings. This technology is ideal for providing instant heat over long distances in outdoor or high-ceiling areas where heat loss is significant. It is used in the ERT / EIR / ER-TH series heaters.

Configuration specifications

Specification values reproduced from the Elcon manufacturer catalogue.

Specification / Model	GLASS IR-2000	GLASS IR-2500
Remote Control	Yes	Yes
IR Wavelength	1.0 µm	1.0 µm
Number of IR Lamps	1	1
IR Filament Length (mm)	435 mm	550 mm
Voltage	235V AC	235V AC
Power (Watt)	2000	2500
Dimensions (mm)	530 x 150 x 80	700 x 150 x 100
IP Certification	IP 67	IP 67
Heating Area (m²)	8-12 m²	10-15 m²
Operating Life (Hours)	7000	7000
Warranty	2 Years	2 Years
Material	Aluminum	Aluminum
Color	Black	Black
Power Cable	3x1.5 mm²	3x1.5 mm²
Application Area	Wall / Ceiling	Wall / Ceiling
Min. Mounting Height (mm)	1300	1500
Max. Mounting Height (mm)	2500	3000

Configurations and technical enquiries: elconinfrared.com/series/glass-ir