INFRARED BULBS IN CERAMIC ESES

Properties

The standard range of ceramic infrared bulbs in stock is an ideal solution for heating of pets, farm animals or other cold-blooded animals such as reptiles that require the best in comfort heat.

A ceramic infrared bulb offers a far more durable and efficient solution than the red bulbs most typically found in these applications.

The energy output of ceramic bulbs focusses on heat alone with no negative light outputs that can disturb the diurnal cycle of the animal to be heated.

Furthermore, ceramic materials also provide a longer wavelength heat generation that is far more conductive to comfort heating for any living creature.

Technical specification

Material	Ceramic solid body in white glace colour with an embedded high temperature resistance wire
Heater voltage	230-240 V
Operating temperature	Max permissible 530ºC
Useful wave-length range	2 to 10 µm (microns)
Dimensions	80x110 mm
Average weight	113 g
Electric connection	E27 Edison screw fitting
Assembly	Recommended radiation distance from heater is 100 mm to 200 mm
Average operating life	Up to 5 000 - 10 000 hrs depending on conditions
Standards	CE, UL-499

Standard assortment

Model ESES	Power W	Mean surface temperature ºC	Max power density kW/m²	Article no
ESES 60	60	300	4,9	3054160060
ESES 100	100	426	8,1	3054160100

Head Office: Backer AB · SE-282 71 Sösdala · Sweden · Phone. +46 451 661 00 · www.backer.eu

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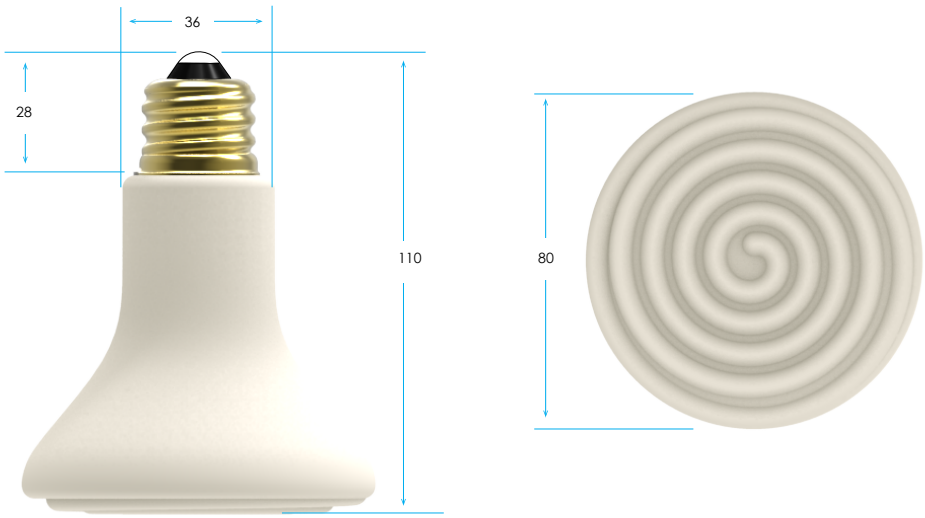
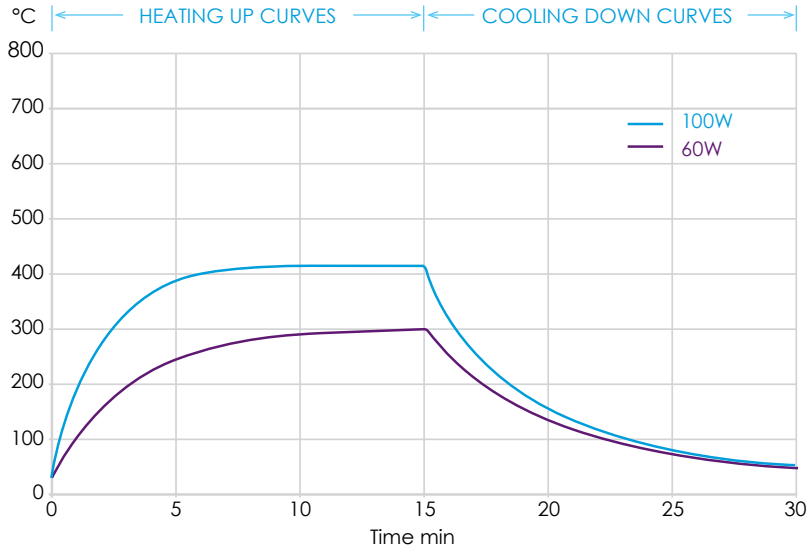


Heat up - Cool down curves



ESES EDISON SCREW ELEMENT SMALL 24.01.17

Based on tests of average surface temperature with an infrared thermometer set at an emissivity of 0.95
(element mounted in an aluminised steel reflector, RAS) Maximum approved operating temperature 750°C

Options

E27 Edison screw bulb holder article no 3016120201
Other voltages, wattages and ceramic glaze colours available on request

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