

DOME® FS by HEATSAIL

TECHNICAL INFORMATION



**RUSTPROOF &
WEATHERPROOF**



**LOW ENERGY USAGE
ZERO CO2 EMISSION**



**MINIMUM OF
MAINTENANCE**

DOME® FS by HEATSAIL

FEATURES



IP
43

CE



The DOME is made out of high quality material such as Aluminium and Stainless steel, making it suitable for outdoor use.



With an energy consumption of only 3.22 kW/h, the DOME uses less energy than similar products delivering optimal heating.



By using high efficient and durable ceramic heating elements and the best materials, the DOME is virtually maintenance free.



The unique patented design makes the DOME an absolute eyecatcher, exuding luxury, elegance and exclusivity.



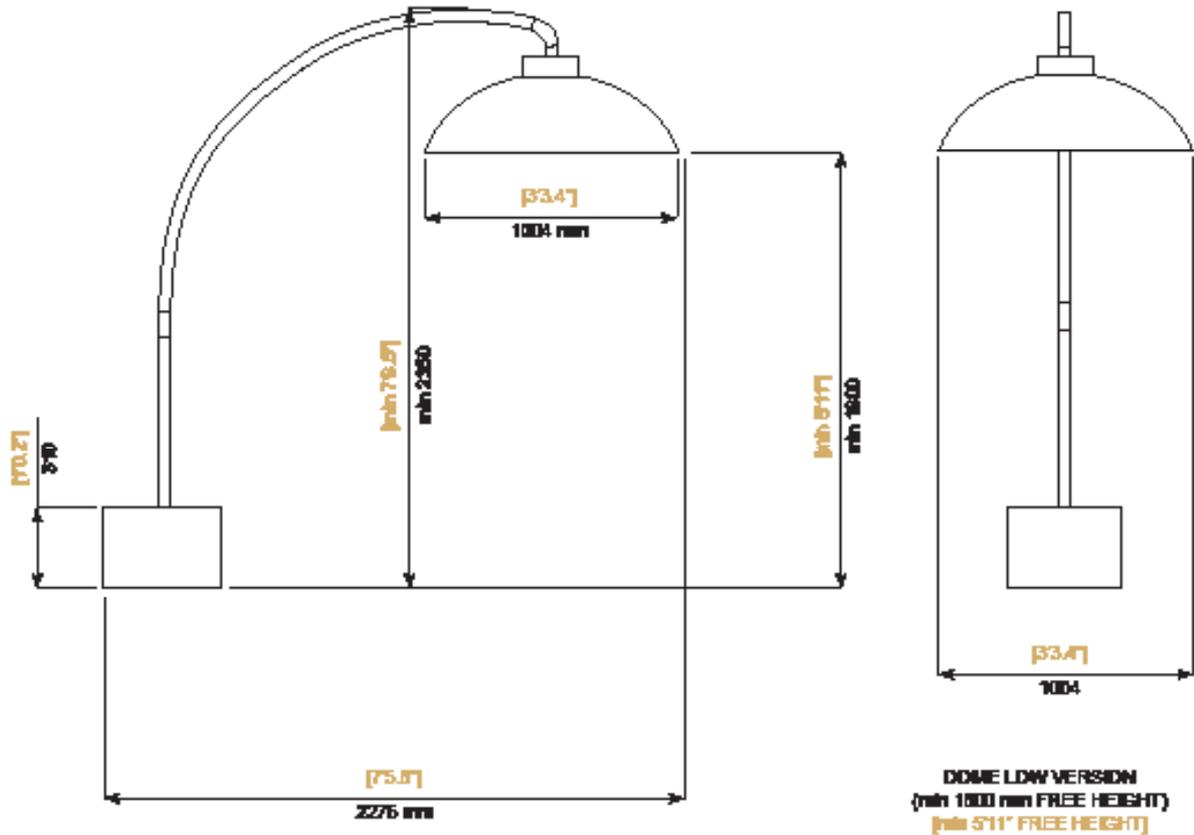
Headquarters
Prins Boudewijnlaan 7 Unit A 08
2550 Kontich
Belgium
+ 32 3 502 99 88

North American office
10440 N Central Expressway
Suite 800, Dallas, Texas 75231
United States
+ 1 (214) 808 5091

W: www.heatsail.com
E: sales@heatsail.com

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DIMENSIONS



SPECIFICATIONS

Model	DOME FS
Heat output (W)	3100 W
Light Output (W)	120 W
Electrical connection	220-240V AC - 60 Hz 16 A
Dimensions (WxDxH)	2276 x 1004 x 2350 mm - [7'5.8" x 3'3.4" x 7'8.5"]
Mounting height requirement to ground	min 1800 mm; max 1950 mm - [min 5'11"; max 6'4.8"]
Weight	approx. 180 kg and needs to be anchored into the floor according to UL - [396 lbs]
Approvals	UL 60335-1, CAN/CSA-C22.2 No. 60335-1:16, CAN/CSA-E60335-2-30:13, IEC 60335-2-30, CE



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ELECTRICAL SAFETY REQUIREMENTS

The use of the DOME requires an electrical installation with reliable safety grounding.

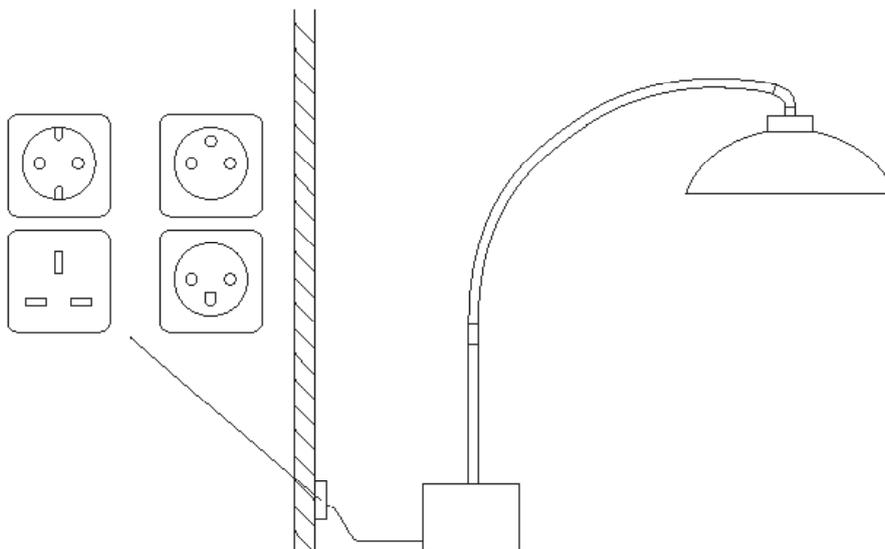
The installation's electrical safety can only be guaranteed if the device has been correctly connected to an grounding system built in accordance with the safety instructions. A preliminary inspection is absolutely essential. In the event of any uncertainty, a careful inspection must be made by a qualified and authorized technician. Heatsail will not be held responsible for injury and/or damage resulting from an ungrounded installation.

The installation of the DOME's electrical components requires a mains connection of 220-240V AC-60 Hz (16 Amp fuse and appropriate RCD): the connection must be properly implemented in accordance with the applicable IEC-CEI standards. Please note: statutory and other regulation may apply locally.

This product must be installed by a Qualified Electrician and the power supply connection should be in accordance with the requirements of NFPA 70 and OSHA Regulations 29 CFR 1910.304(b)(2).

The electrical power supply will need to be interrupted using lock-out/tag-out procedures before connecting and/or other work on the electrical components can be carried out. Everyone must satisfy themselves that the power cannot be switched on again accidentally. Electrical adapters, power strips and/or extension cords may not be used for the DOME's electrical supply. A switch must be installed between the DOME and the fuse box at all times.

Non-compliance with these instructions may compromise the safety of the device. Heatsail will not be held liable for any damage resulting from this.



NOTE: The DOME will be delivered with a supply cord of 6feet (1 m 90) bold wall plug.



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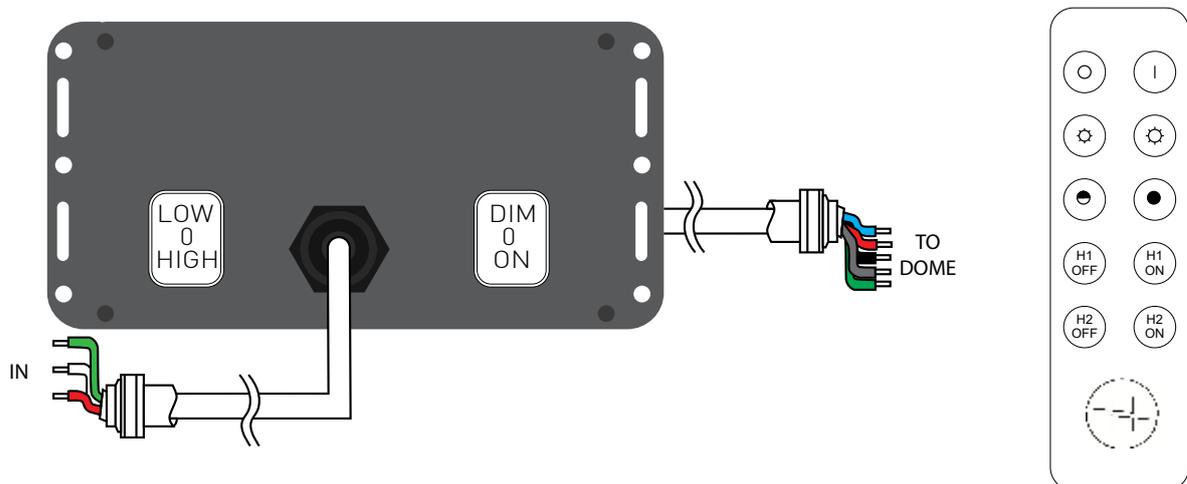
ELECTRICAL OVERVIEW

The DOME consists of a central heater element with a light, the hood of the 'DOME' which serves as protection and reflection of the far infrared rays. The central element is called 'heattube'. On the lower part you will find a 'heater block' with 5 rectangular and 1 round heater element. Above the heater element there is a halogen light, separated from the heater elements. The light consists of an R7S 78 mm halogen bulb, at 220-240V AC, behind a heat resistant glass. The glass can be lifted upwards to change the halogen bulb. A LED lamp couldn't be integrated as LED lights can not withstand these high temperatures.

There are three electrical circuits in the DOME. These circuits have a total of 16 Amps at 220-240V AC.

- Circuit 1: Heating circuit 1 consists of four rectangular heater elements and has a total heat output of 1500 W at 220-240V AC
- Circuit 2: Heating circuit 2 consists of the lower round heating element and two opposite rectangular heater elements and has a total power of 1600 W at 220-240V AC
- Circuit 3: Lighting circuit consists of a R7S bulb of 120 W at 220-240V AC

The incoming power is divided over the 3 circuits through 2 toggle switches, mounted on the control box at the back of the DOME. One switch (LOW - 0 - HIGH) controls the high and low setting of the heating. The second switch (DIM - 0 - ON) controls the light: always on or controlled by the supplied remote control with dimming function. The heating settings can never be controlled by the remote control.



To connect the DOME to the main power, a 2-pole, 3-wire grounding connection is required consisting of 2 hot wires (with an output of 220-240V AC - 60 Hz) and 1 grounding wire in a size not less than 1.5 mm² / 16 AWG. For safety reasons 2.5 mm² / 14 AWG is recommended.



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