



HEATSAIL

EXTEND YOUR GREAT MOMENTS

DISC[®] by Piet Boon

TECHNICAL INFORMATION



RUSTPROOF &
WEATHERPROOF



LOW ENERGY USAGE
ZERO CO2 EMISSION



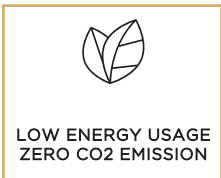
MINIMUM OF
MAINTENANCE

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FEATURES



The DISC 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 DISC uses less energy than similar products delivering optimal heating.



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



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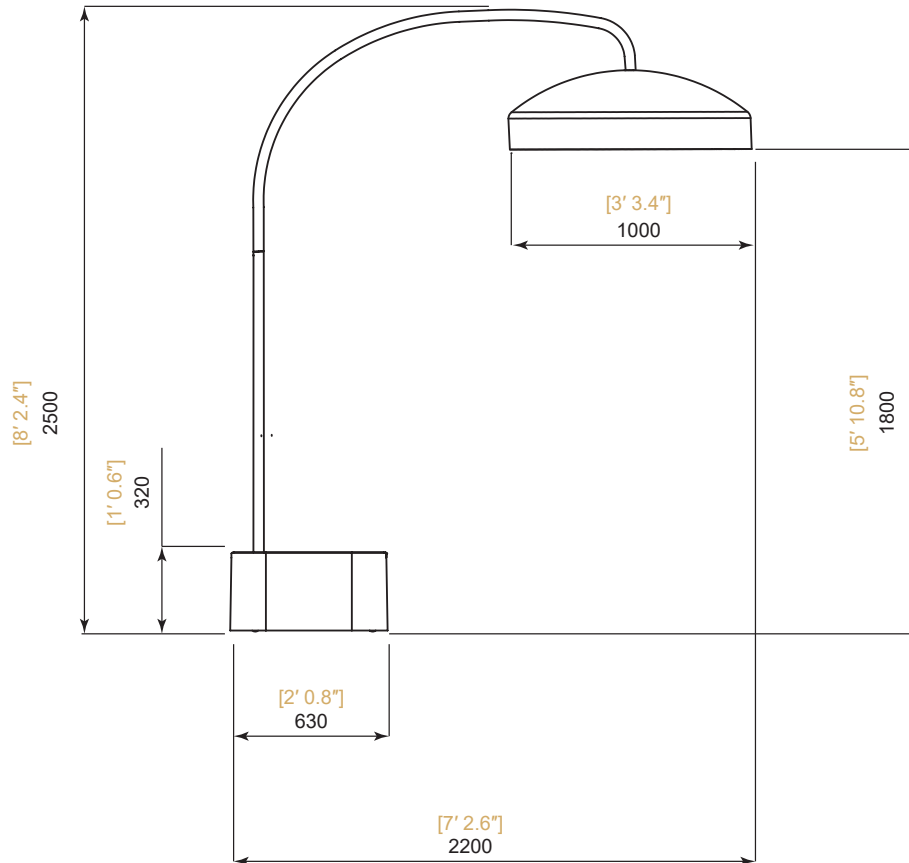
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DIMENSIONS



SPECIFICATIONS

Model	DISC
Heat output (W)	3100 W
Light Output (W)	120 W
Electrical connection	220-208V AC - 60Hz 14 A
Dimensions (WxDxH)	2500 x 1004 x 2200 mm - [8'2.5" x 3'3.4" x 7'2.6"]
Mounting height requirement to ground	min 1800 mm; max 1950 mm - [min 5'11"; max 6'4.8"]
Weight	170 kg - [370 lbs]
Approvals	UL 60335-1, CAN/CSA-C22.2 nr. 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 DISC requires an electrical installation with reliable safety grounding.

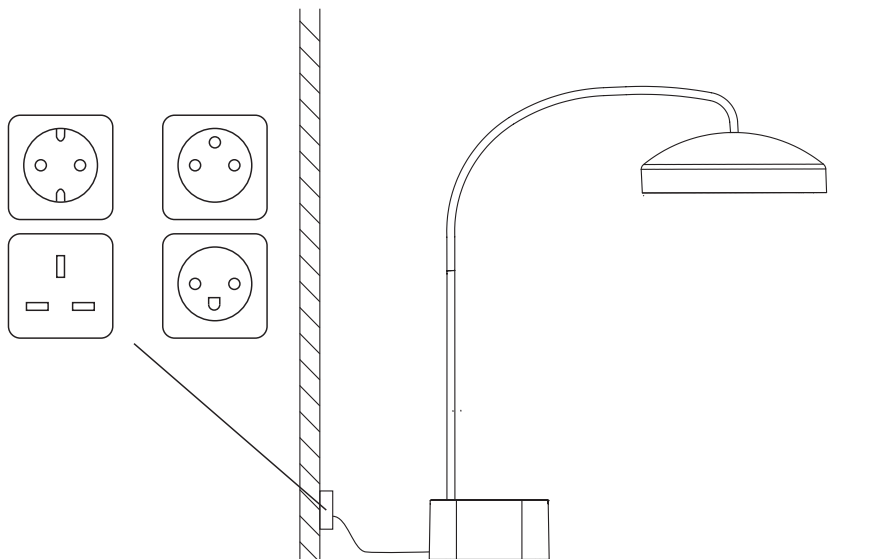
The installation's electrical safety can only be guaranteed if the device has been correctly connected to an grounding system built in accordance with the safety instructions. A preliminary inspection is absolutely essential. In the event of any uncertainty, a careful inspection must be made by a qualified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

The installation of the DISC's electrical components requires a mains connection of 208V AC-60 Hz (20Amp 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 DISC's electrical supply. A switch must be installed between the DISC 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 DISC will be delivered with a supply cord of 6feet (1 m 90) bold wall plug.



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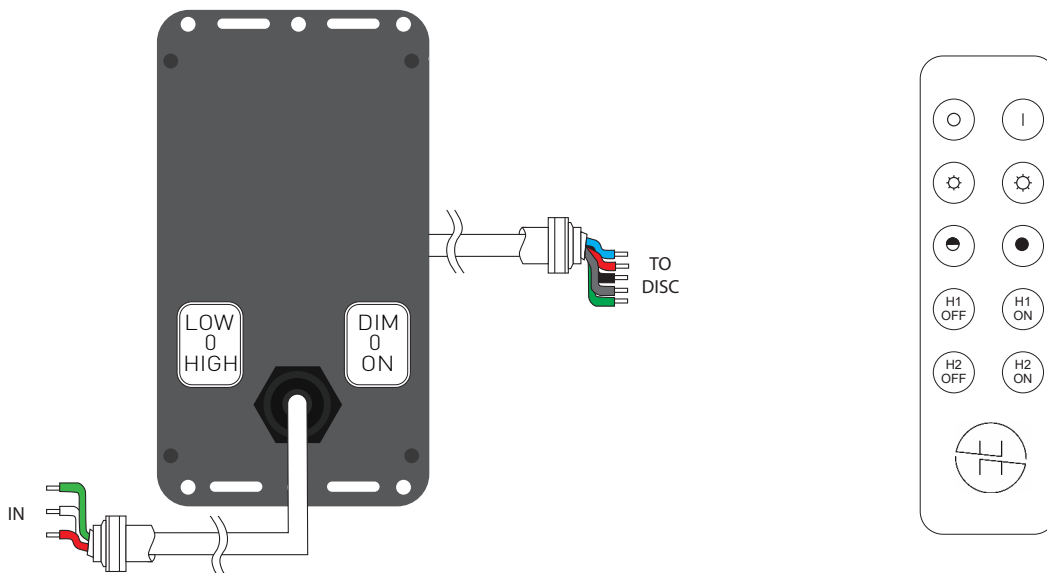
ELECTRICAL OVERVIEW

The DISC consists of a central heater element with a light, the hood of the 'DISC' 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 element. The light consists of a R7S 78 mm halogen bulb, at 208V AC, behind a heat resistant glass. The glass can be pulled downwards (see user manual) to be able to change the halogen bulb. Because of the high heat a LED lamp is not possible, as LED can not withstand these high temperatures.

There are three electrical circuits in the DISC. These circuits have a total of 20 Amps at 208V AC.

- Circuit 1: Heating circuit 1 consists of three rectangular heater elements and has a total heat output of 1500 W at 208V 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 208V AC
- Circuit 3: Lighting circuit consists of a R7S bulb of 120 W at 208V AC

The incoming power is divided over the 3 circuits through 2 toggle switches, mounted on the control box at the back of the DISC. 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 DISC to the main power, a single phase connection is required consisting of 2 hot wire and 1 grounding wire in a size not less than 2.5 mm² / 14 AWG.



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