HEATSAIL
EXTEND YOUR GREAT MOMENTS

DISC® by Piet Boon

TECHNICAL INFORMATION

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FEATURES

SGS C US 800372

IP 43

CE

RUSTPROOF & WEATHERPROOF

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

LOW ENERGY USAGE ZERO CO2 EMISSION

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

MINIMUM OF MAINTENANCE

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

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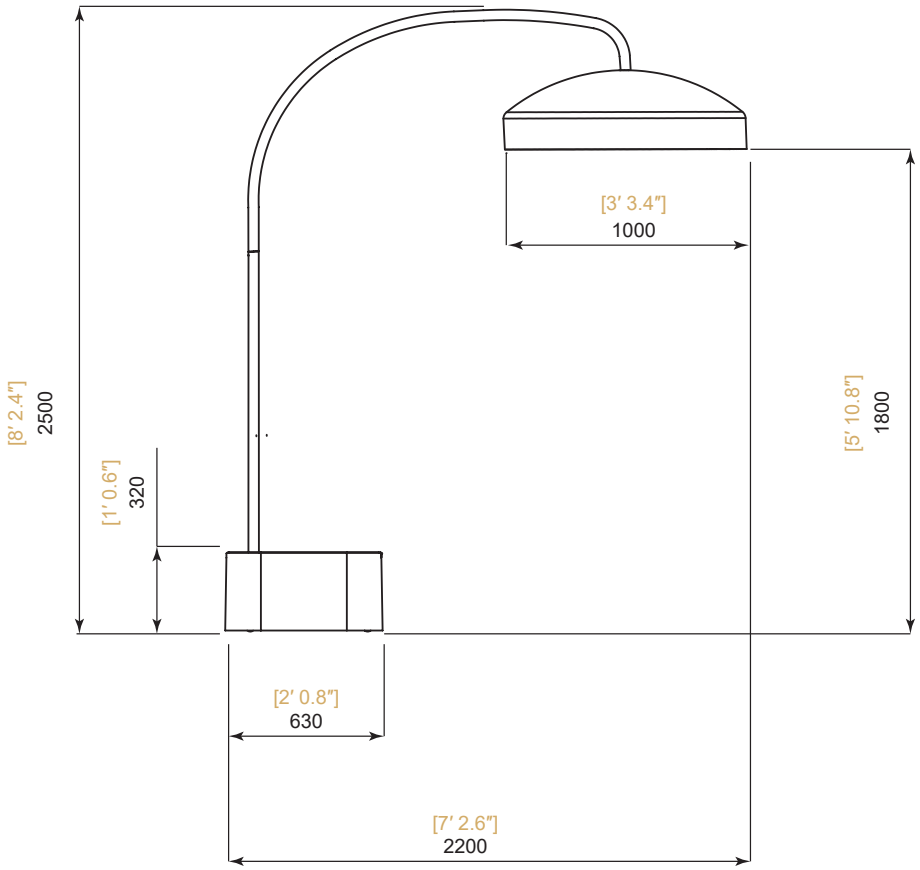
DIMENSIONS



SPECIFICATIONS

Model	DISC
Heat output (W)	3100 W
Light Output (W)	120 W
Electrical connection	208-240V AC - 50/60Hz 14 A
Approximate area heated (m^2)	19 m^2 - [204 sq ft]
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	180 kg - [396 lbs]
Approvals	CAN/CSA-C22.2 nr. 60335-1:16, CAN/CSA-E60335-2-30:13, IEC 60335-2-30, UL 60335-1, CE

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ELECTRICAL SAFETY REQUIREMENTS

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

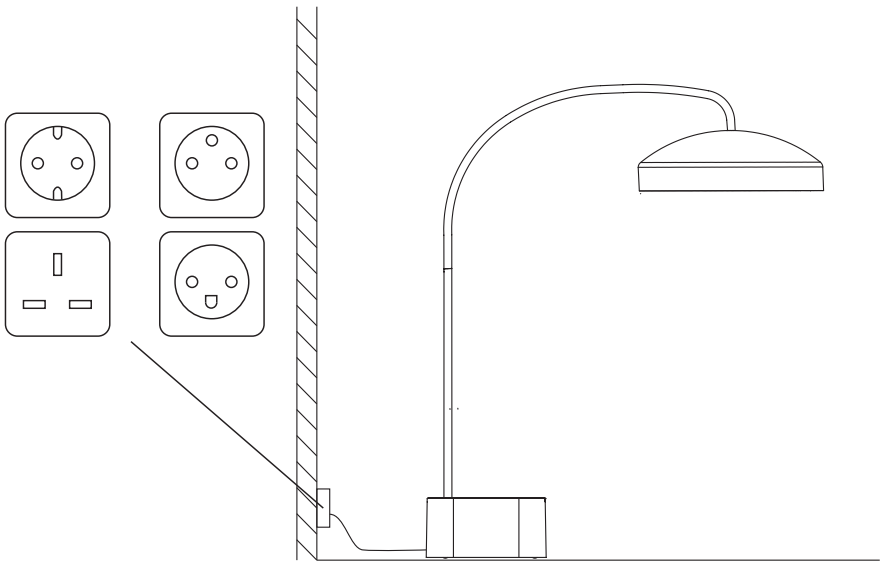
The installation's electrical safety can only be guaranteed if the device has been correctly connected to an earthing system built in accordance with the safety instructions. A preliminary inspection is absolutely essential. In the event of any uncertainty, a careful inspection must be made by a qualified and authorised 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 208-240V-50/60 Hz (16Amp fuse EN 30 mA 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 before connecting and/or other work on the electrical components can be carried out. Everyone must satisfy themselves that the power can't be switched on again accidentally.
The use of adapters, power strips and extension leads 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 2 m 90. The North American version will be delivered with a supply cord of 1 m 90 and without a plug.

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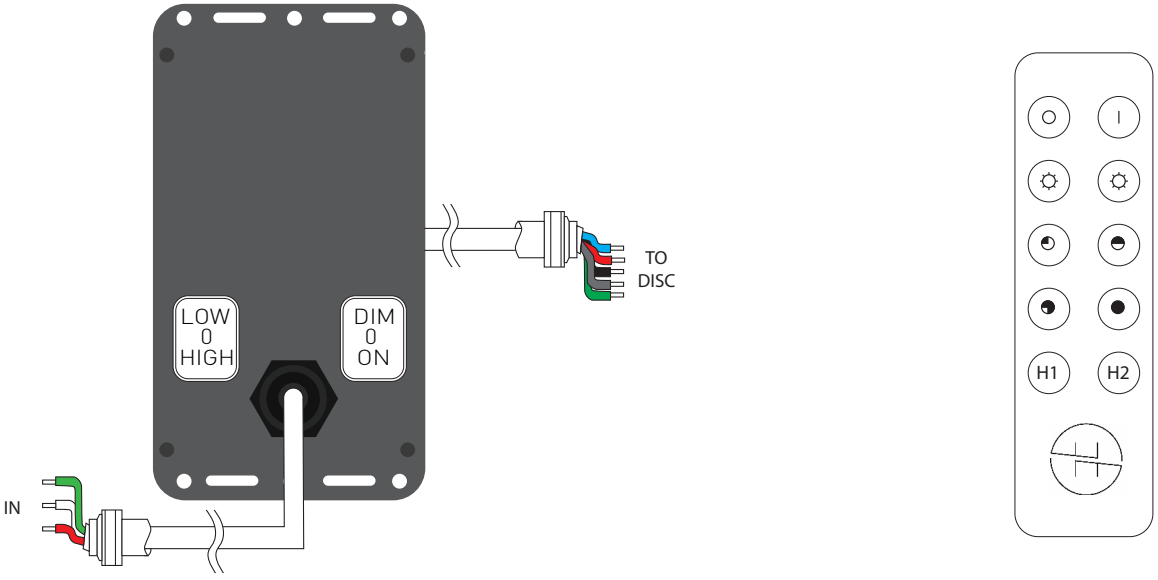
ELECTRICAL OVERVIEW

The DISC consists out of a central heater element with an extra light, and a hood, the 'DISC' wich 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 of an R7S 78 mm halogen bulb, at 208-240 VAC, behind a heat resistant glass. The glass can be lifted upwards 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 3 electrical circuits in the heattube. The total of these circuits equals 14 Amps at 208-240 VAC

- Circuit 1: The first circuit consists out of 3 rectangular heater elements and has a total heating power of 1500 W at 208-240 VAC.
- Circuit 2: Consists out of the lower round heating element and two opposite ceramic heaters. The total power of circuit 2 is 1600 W at 208-240 VAC.
- Circuit 3: Pilots the light. The DISC is delivered with a R7S bulb of 120 W at 208-240 VAC

The incoming power is divided over the 3 circuits through 2 toggle switches, mounted on a controlbox 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.



To connect the DISC to the main power, a 3 pole connection is required consisting of 2 hot wires (with an output of 208-240 VAC 50/60 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.