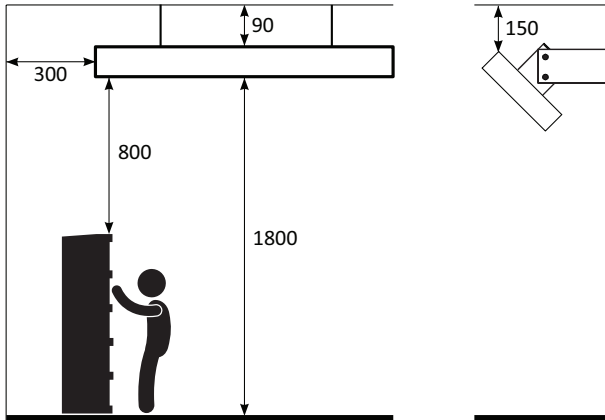


Mounting and Installation Instructions

EIR500
EIR1000
EIR1500



Fig.1



Millimeter

Fig.2a

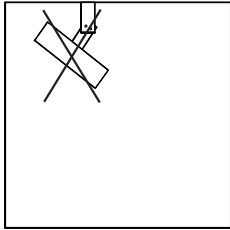


Fig.2b

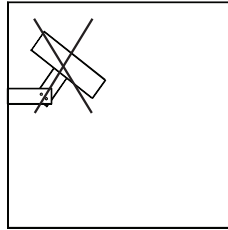


Fig.2c

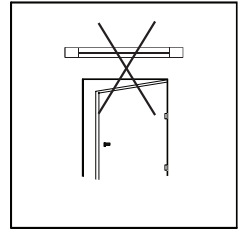


Fig.3

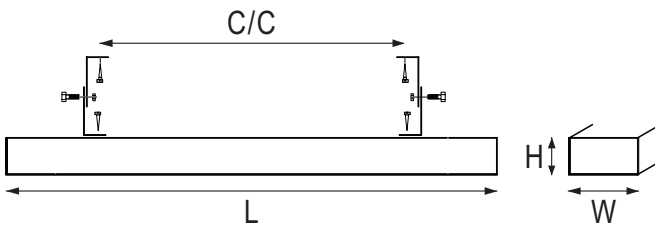
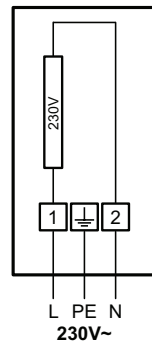


Fig.4



Type	Output	Voltage	Current	L	W	H	C/C	Kg
EIR500	500W	230V~	2.17A	700	75	40	500	1.5
EIR1000	1000W	230V~	4.35A	1170	75	40	810	2.0
EIR1500	1500W	230V~	6.52A	1680	75	40	1100	3.0

Energolinfra EIR500, EIR1000 and EIR1500, 230V~, are intended for permanent installation by an authorized electrician, and in accordance with existing national regulations. The appliance must be preceded by an all-pole switch, min. 3mm contact gap.

Appliance and protection class: Class I - IP44.

1. The EIR can be mounted to the ceiling or on the wall, horizontally, where the lowest installation height is 1.8m from the floor level. Respect and follow the minimum distances to the surrounding surfaces, according to fig.1.

NOTE! Do not cover the heater or direct it towards combustible items. Fig.2a, 2b and 2c are examples of incorrect mounting.

Fixed heater must not be mounted in front of a socket outlet.

2. The supplied ceiling/wall brackets should be mounted with a C/C distance, see fig.3 and table. The brackets can be angled in different positions, when wall mounted.

3. On top of the heater there are two knock-out holes where the cable grommet(s) should be inserted. Connection according to fig.4, to a 4mm² terminal block. Ensure that the inlet must be tight. Protect the supply cable, if it comes in contact with hot parts. Note! Remove the protective film from the casing before the heater is switched on.

4. When starting-up the heater for the first time or after a long period of disuse, smoke or odor may result from grease, dust or dirt that has collected on the element. This is normal and disappears after a short period of time.

5. Like in all electrical heating appliances, clicks can occur during expansion and contraction of the material, due to movement when the temperature changes.


6. The heater may undergo a color variation following being energized for the first time and during its life span. The extent is relevant to the operating environment and is normal behavior.

Aerosols, paint, solvents, dust and filth etc... may adhere to the heater and can potentially cause discoloration. The performance of the heater is unaffected by discoloration. As a precaution, always switch off the heater while painting and drying!

7. When cleaning the heater, make sure that the heater is switched off. Let the heater cool down. Use a soft cloth to clean the body of the heater. For cleaning the reflector, use a clean soft brush.

8. If refit is needed, the heating element can be replaced in site without having to take down the heater. Unscrew lid and wires. Pull out the part in question and replace with a new one.

9. When an EIR has not been used for a period of time, or stored in a damp environment, moisture can enter the heating element. This can cause a residual current device (RCD) to trip. This is not to be considered as a fault and can be solved. Bypass the RCD and run the heater for couple of hours. This will "dry out" the heating element.

10. Information about energy consumption 
In combination with an Ecodesign-compliant thermostat, the product data complies with the EU regulations on the Ecodesign Directive (2009/125/EC) for energy-related products (ErP).

11. Safety

- When the installation is protected by an RCD, a 300mA residual current device has to be used.
- Warning - Hot surface! Do not touch the heater when in use!
- Do not cover the heater! Risk of fire!
- This appliance shall not be used by children less than 8 years or persons with reduced physical, sensorial or mental disability or lack of experience and knowledge, unless they are supervised or were instructed how to use the appliance in a safe way, and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.