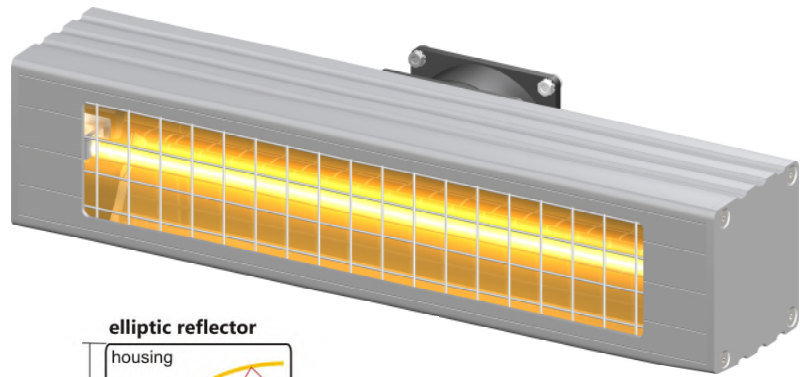


IR-Modules

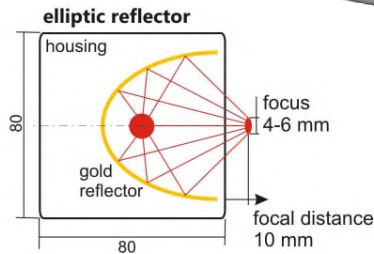
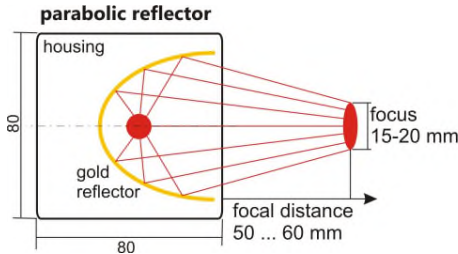
for line focussing

These Optron IR emitters work with shortwave IR frequencies with high penetration depth.
Highest-possible performance built into the smallest possible space !

With this models nearly the whole infrared energy is focused by a parabolic or elliptic gold reflector to a line.



IRD S380G

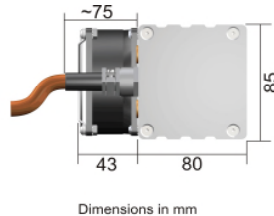
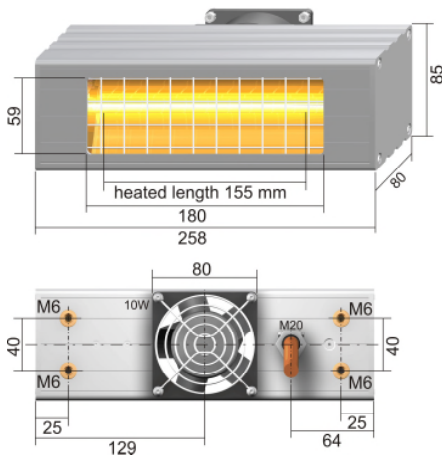


Other features:

- 100% power within 1-2 seconds, no preheating or cooling time.
- on-line power adjustment with short response time by our power controllers.
- highest power density at focus., depending on the reflector type 6 ... 30 W/cm².
- line focus with focal distances of approx. 50 ... 60 mm (parabolic) or 10 mm (elliptic).
- 4 press nuts (M6) at the back for assembly
- low housing temperature by integrated fan
- temperature overheat protection
- universal mounting position

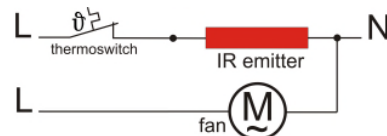
IRD S250G – 1x 1.2 kW / 230 V (50/60 Hz);
1 shortwave IR-emitter (IR-emitter: 600.1166);
gold reflector, **parabolic** (F approx. 50 ... 60 mm), max. power density 11.5 W/cm²
item-no.: 600.1098

IRD S250G – 1x 1.2 kW / 230 V (50/60 Hz),
1 shortwave IR-emitter (IR-emitter: 600.1166);
gold reflector, **elliptic** (F approx. 10 mm), max. power density 38 W/cm²
item-no.: 600.1099



4 press nuts (M6)
for assembly at the back

[dimensions in mm]



cable: 4x 2,5mm²

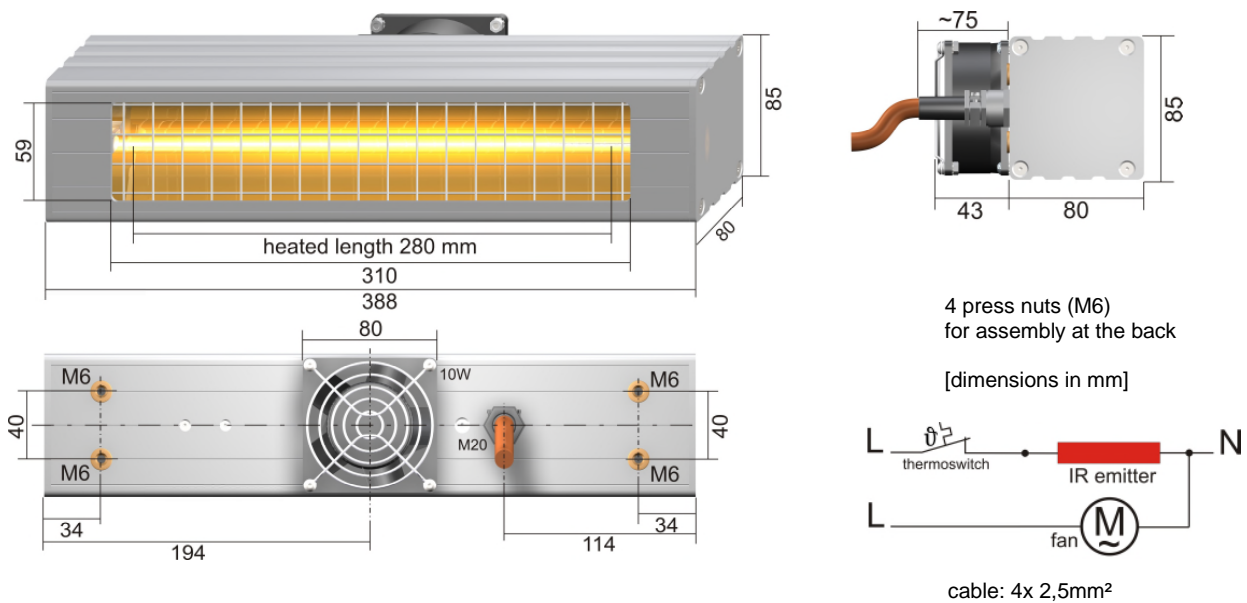
IRD S380G – 1x 1 kW / 230 V (50/60 Hz);
1 shortwave IR-emitter (IR-emitter: 600.1114);
gold reflector, **parabolic** (F approx. 50 ... 60 mm), max. power density 6 W/cm²
item-no.: 600.1060.1

IRD S380G – 1x 2 kW / 230 V (50/60 Hz);
1 shortwave IR-emitter (IR-emitter: 600.1115);
gold reflector, **parabolic** (F approx. 50 ... 60 mm), max. power density 12 W/cm²
item-no.: 600.1070.1

IRD S380G – 1x 1 kW / 230 V (50/60 Hz);
1 shortwave IR-emitter (IR-emitter: 600.1114);
gold reflector, elliptic (F approx. 10 mm), max. power density 20 W/cm²
item-no.: 600.1080.1

IRD S380G – 1x 2 kW / 230 V (50/60 Hz);
1 shortwave IR-emitter (IR-emitter: 600.1115);
gold reflector, **elliptic** (F approx. 10 mm), max. power density 30 W/cm²
item-no.: 600.1090.1

All models are delivered with 2m connection cable for terminal connection.



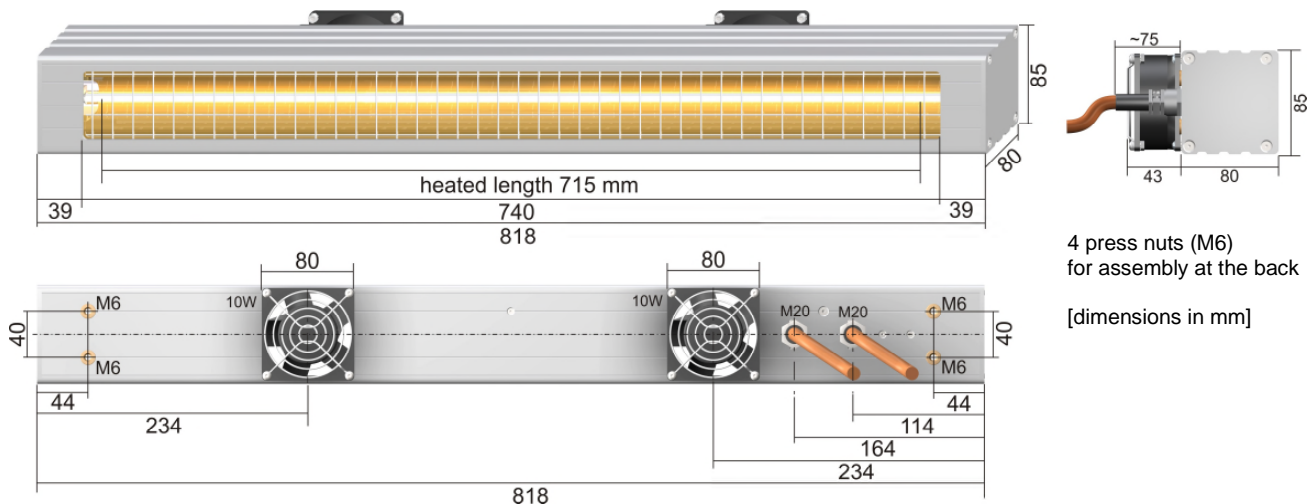
IRD S810G – 1x 3 kW / 400 V + N + PE (50/60 Hz),
 1 shortwave IR-emitter (IR-emitter: 600.1964);
 gold reflector, **parabolic** (F approx. 50 ... 60 mm), max. power density 7 W/cm²
 item-no.: 600.1095

IRD S810G – 1x 4 kW / 400 V + N + PE (50/60 Hz),
 1 shortwave IR-emitter (IR-emitter: 600.1983);
 gold reflector, **parabolic** (F approx. 50 ... 60 mm), max. power density 9,3 W/cm²
 item-no.: 600.1094

IRD S810G – 1x 3 kW / 400 V + N + PE (50/60 Hz),
 1 shortwave IR-emitter (IR-emitter: 600.1964);
 gold reflector, **elliptic** (F approx. 10 mm), max. power density 18 W/cm²
 item-no.: 600.1096

IRD S810G – 1x 4 kW / 400 V + N + PE (50/60 Hz),
 1 shortwave IR-emitter (IR-emitter: 600.1983);
 gold reflector, **elliptic** (F approx. 10 mm), max. power density 24 W/cm²
 item-no.: 600.1097

All models are delivered with 2m connection cable for terminal connection.



4 press nuts (M6)
 for assembly at the back
 [dimensions in mm]

