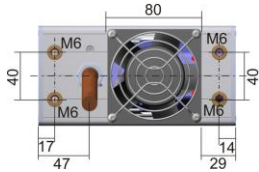
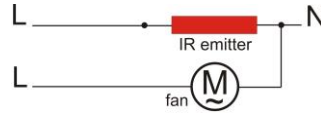
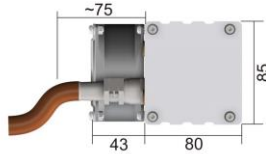
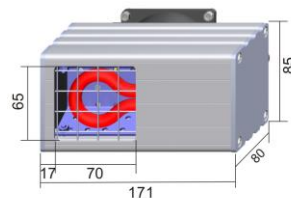
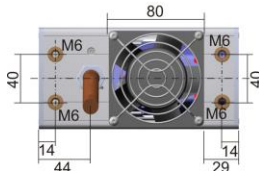
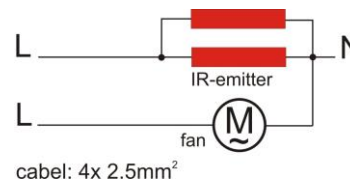
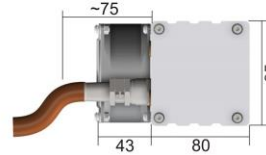
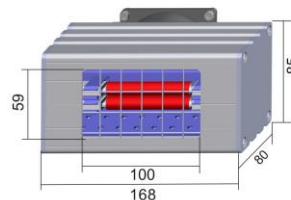


Type IRD - Overview

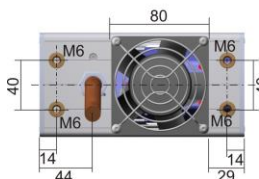
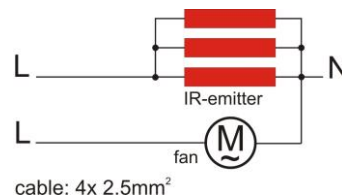
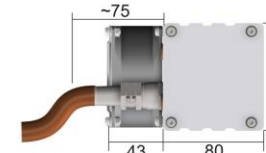
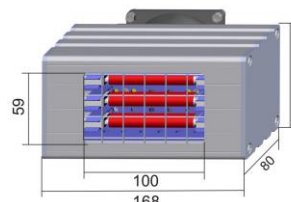
IRD S160R – 0.65 kW / 230 V (50/60 Hz);
1 **shortwave IR-ring emitter** (IR-emitter: 600.2066);
Filament diameter 40mm; ceramics reflector; universal position of installation
item no.: 600.2220



IRD S160Z – 2 x 0.3 kW / 230 V (50/60 Hz);
1 **shortwave IR-emitter** (IR-emitter: 600.1921);
heated length 70mm; ceramics reflector; universal position of installation
item no.: 600.3502



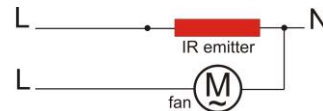
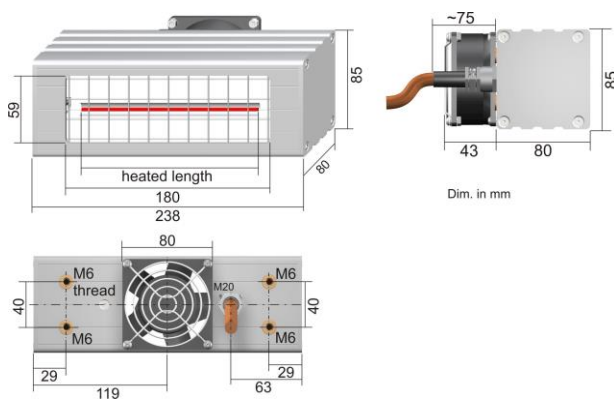
IRD S160D – 3 x 0.3 kW / 230 V (50/60 Hz);
1 **shortwave IR-emitter** (IR-emitter: 600.1921);
heated length 70mm; ceramics reflector; universal position of installation
item no.: 600.3501



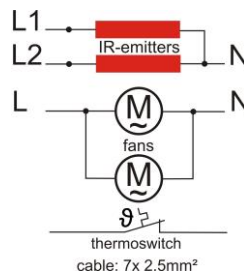
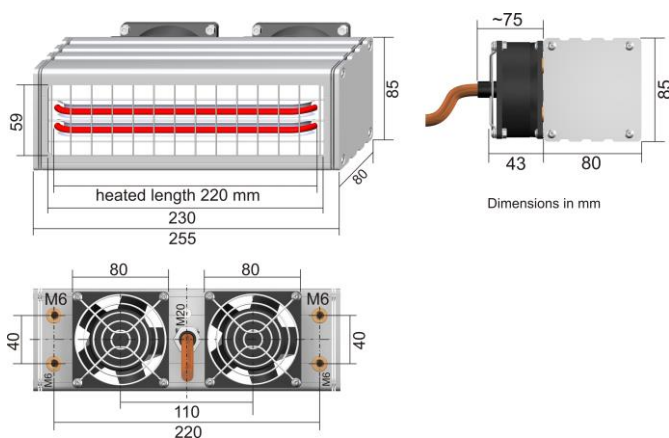
IRD S230 – 0.5 kW / 230 V (50/60 Hz);
1 **shortwave IR-emitter** (IR-emitter: 600.1102);
heated length 165mm; ceramics reflector; universal position of installation
item no.: 600.1011.3

IRD S230 – 1 kW / 230 V (50/60 Hz);
1 **shortwave IR-emitter** (IR-emitter: 600.1165);
heated length 165mm; ceramics reflector; universal position of installation
item no.: 600.1045

IRD S230 – 1.6 kW / 230 V (50/60 Hz);
1 **shortwave IR-emitter** (IR-emitter: 600.1152.3);
heated length 155mm; ceramics reflector; universal position of installation
item no.: 600.1012.2



IRD S240 – 2x 2 kW / 230 V (50/60 Hz);
2 **shortwave IR-emitter** (IR-emitter: 600.1984);
heated length 220mm; ceramics reflector; universal position of installation
item no.: 600.1091

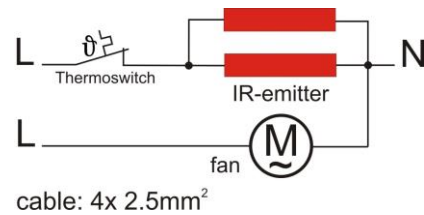
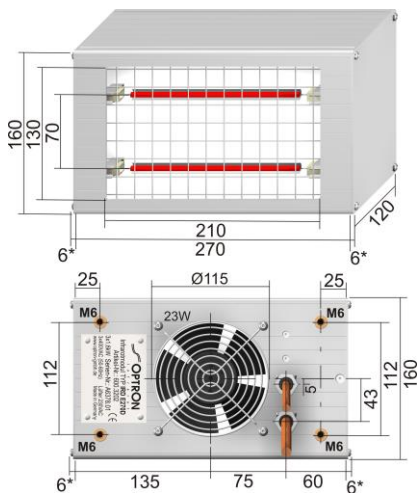


Type IRD - Overview

IRD E270Z – 2x 0.5 kW / 230 V (50/60Hz);
2 **shortwave IR-emitters** (IR-emitter: 600.1102);
heated length 165 mm; ceramics reflector; universal position of installation
item no.: 600.1039

IRD E270Z – 2x 1 kW / 230 V (50/60Hz);
2 **shortwave IR-emitters** (IR-emitter: 600.1165);
heated length 165 mm; ceramics reflector; universal position of installation
item no.: 600.1047

IRD E270Z – 2x 1.6 kW / 230 V (50/60Hz);
2 **shortwave IR-emitters** (IR-emitter: 600.1152.3);
heated length 155 mm; ceramics reflector; universal position of installation
item no.: 600.1035.1

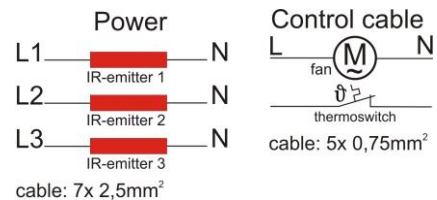
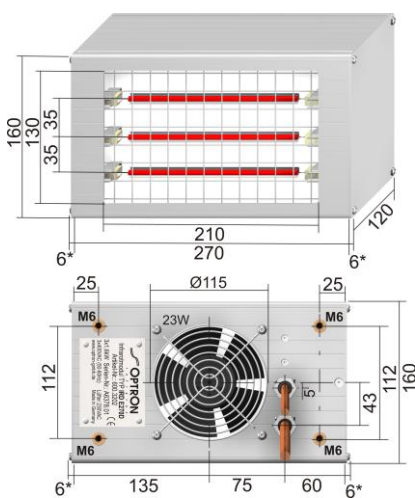


Type IRD - Overview

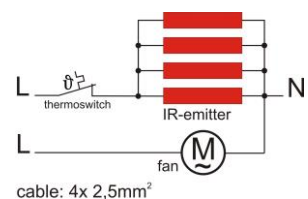
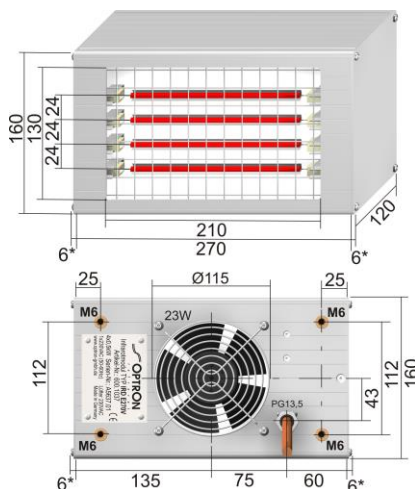
IRD E270D – 3x 0.5 kW / 400 V + N + PE (50/60Hz);
3 **shortwave IR-emitters** (IR-emitter: 600.1102);
heated length 165 mm; ceramics reflector; universal position of installation
item no.: 600.3203.1

IRD E270D – 3x 1 kW / 400 V + N + PE (50/60Hz);
3 **shortwave IR-emitters** (IR-emitter: 600.1165);
heated length 165 mm; ceramics reflector; universal position of installation
item no.: 600.3204

IRD E270D – 3x 1.6 kW / 400 V + N + PE (50/60Hz);
3 **shortwave IR-emitters** (IR-emitter: 600.1152.3);
heated length 155 mm; ceramics reflector; universal position of installation
item no.: 600.3202.1

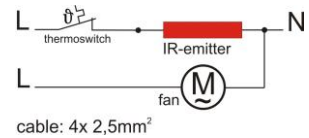
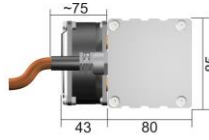
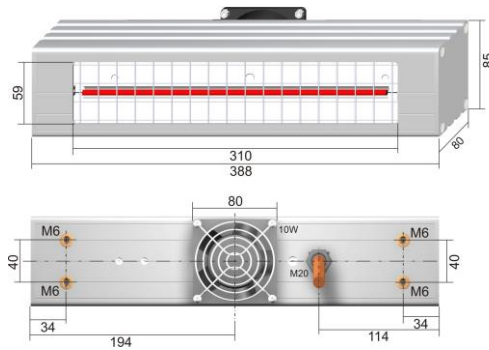


IRD E270V – 4x 0.5 kW / 230 V (50/60Hz);
4 **shortwave IR-emitters** (IR-emitter: 600.1102);
heated length 165 mm; ceramics reflector; universal position of installation
item no.: 600.1037



Type IRD - Overview

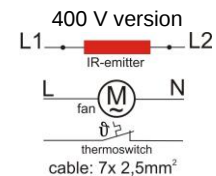
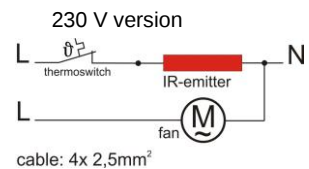
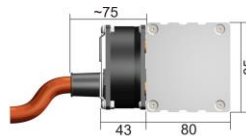
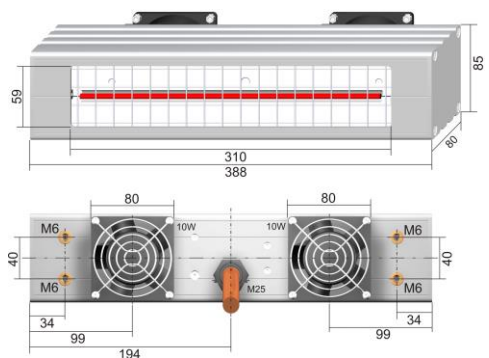
IRD S380 – 1 kW / 230 V (50/60 Hz);
1 **shortwave IR-emitter** (IR-emitter: 600.1100);
heated length 280mm; ceramics reflector; universal position of installation
item no.: 600.1010.2



IRD S380 – 2 kW / 230 V (50/60 Hz);
1 **shortwave IR-emitter** (IR-emitter: 600.1101.1);
heated length 280mm; ceramics reflector; universal position of installation
item no.: 600.1015.3

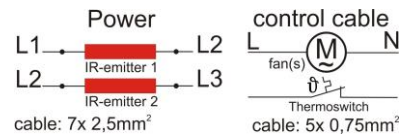
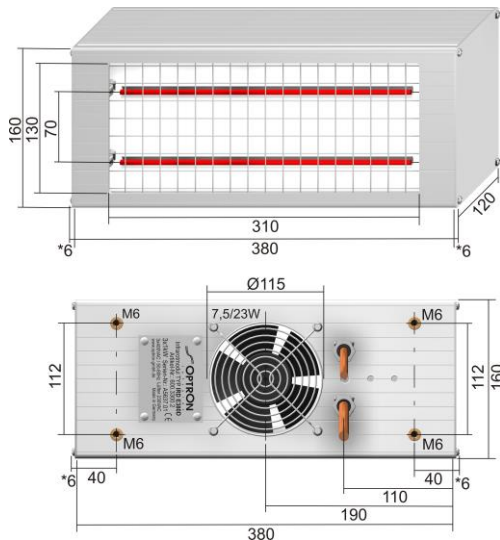
IRD S380 – 2 kW / 400 V + N + PE (50/60 Hz);
1 **shortwave IR-emitter** (IR-emitter: 600.1103.2);
heated length 280mm; ceramics reflector; universal position of installation
item no.: 600.1015.4

IRD S380 – 3 kW / 400 V + N + PE (50/60 Hz);
1 **shortwave IR-emitter** (IR-emitter: 600.1153);
heated length 280mm; ceramics reflector; universal position of installation
item no.: 600.1015.5

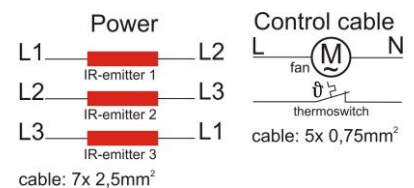
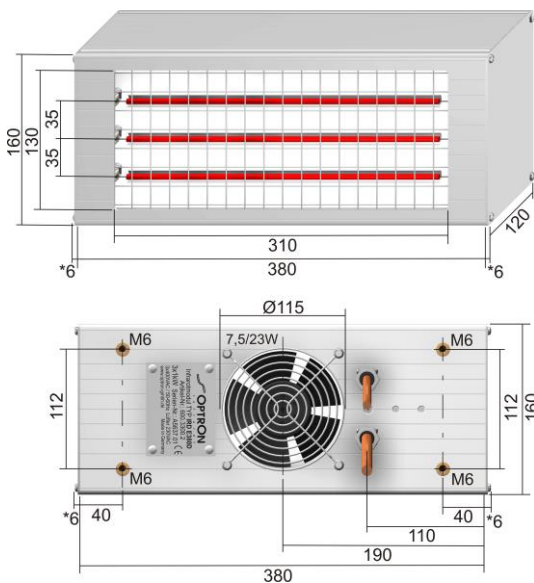


IRD E380Z – 2x 1 kW / 400 V + N + PE (50/60 Hz);
2 **shortwave IR-emitters** (IR-emitter: 600.1116.1);
heated length 272mm; ceramics reflector; universal position of installation
item no.: 600.2003.1

IRD E380Z – 2x 2 kW / 400 V + N + PE (50/60 Hz);
2 **shortwave IR-emitters** (IR-emitter: 600.1103.2);
heated length 280mm; ceramics reflector; universal position of installation
item no.: 600.2002.1

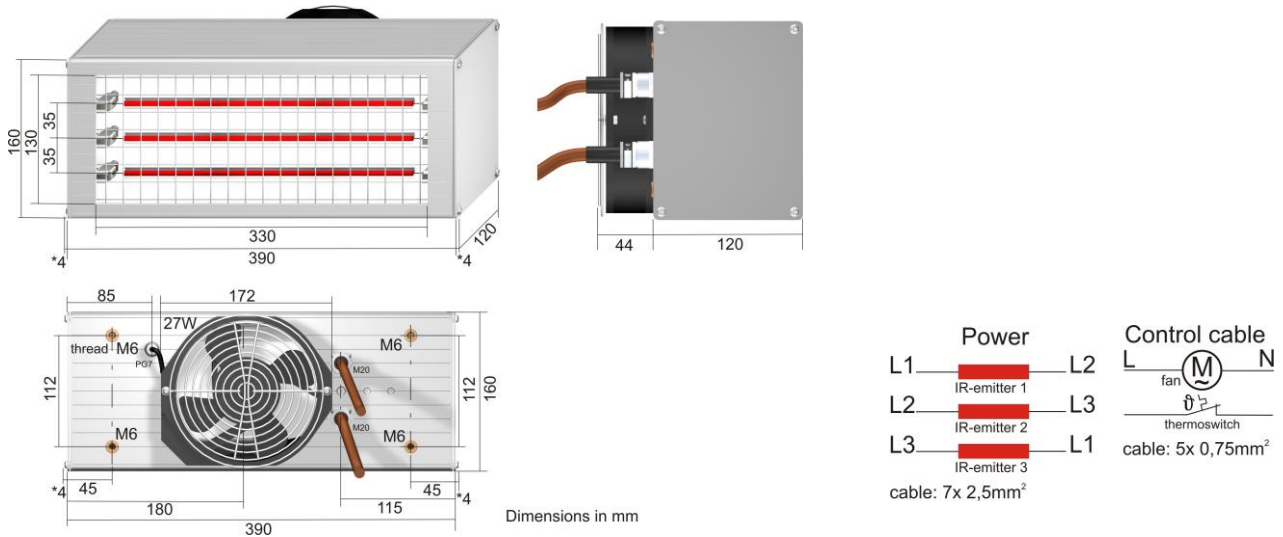


IRD E380D – 3x 1 kW / 400 V + N + PE (50/60 Hz);
3 **shortwave IR-emitters** (IR-emitter: 600.1116.1);
heated length 280mm; ceramics reflector; universal position of installation
item no.: 600.3300.2



IRD E380D – 3x 2 kW / 400 V + N + PE (50/60 Hz);
3 **shortwave IR-emitters** (IR-emitter: 600.1103.2);
heated length 280mm; ceramics reflector; universal position of installation
item no.: 600.3301.5

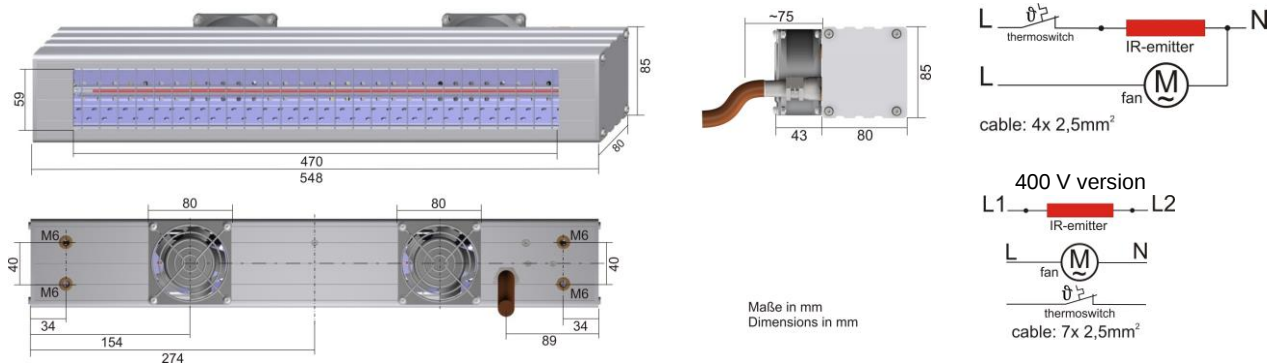
IRD E380D – 3x 3 kW / 400 V + N + PE (50/60 Hz);
3 **shortwave IR-emitters** (IR-emitter: 600.1153);
heated length 280mm; ceramics reflector; universal position of installation
item no.: 600.1013.2



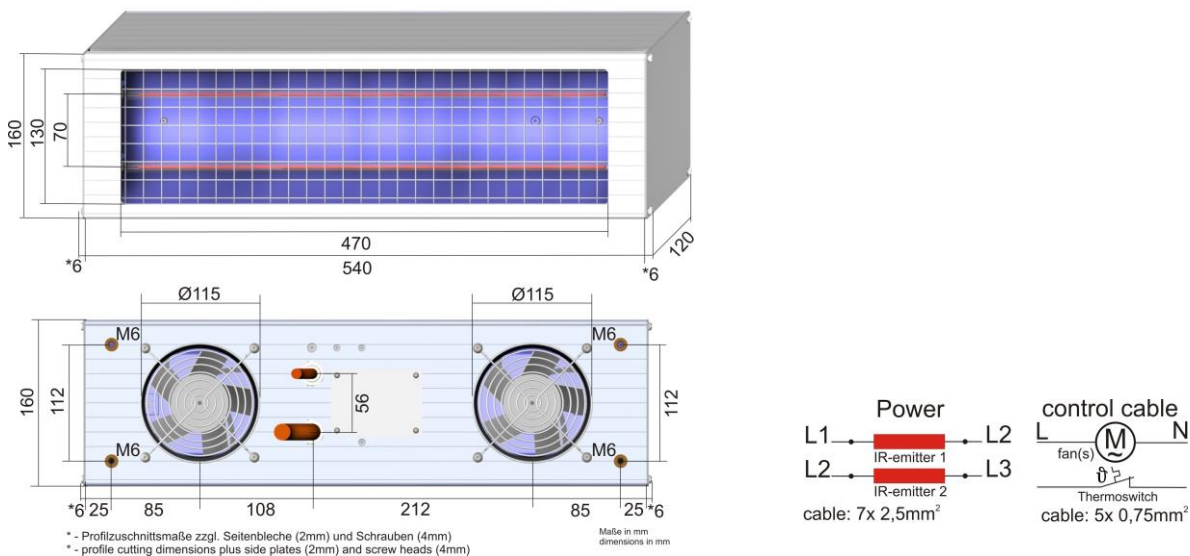
IRD S540 – 2 kW / 230 V + N + PE (50/60 Hz);
1 **shortwave IR-emitter** (IR-emitter: 600.1173);
heated length 450 mm; ceramics reflector; universal position of installation
item no.: 600.1052

IRD S540 – 1.7 kW / 400 V + N + PE (50/60 Hz);
1 **shortwave IR-emitter** (IR-emitter: 600.1163);
heated length 450 mm; ceramics reflector; universal position of installation
item no.: 600.1092

IRD S540 – 3 kW / 400 V + N + PE (50/60 Hz);
1 **shortwave IR-emitter** (IR-emitter: 600.1175);
heated length 450 mm; ceramics reflector; universal position of installation
item no.: 600.1093

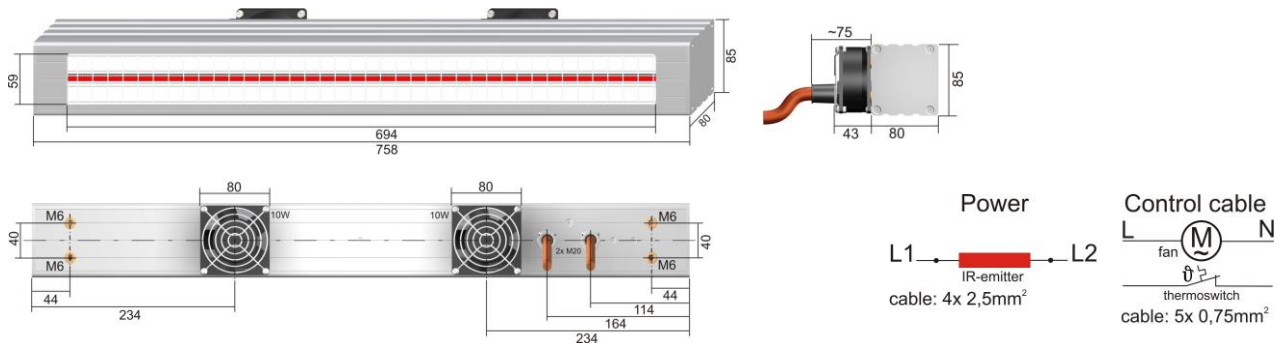


IRD E540Z – 2x 3 kW / 400 V + N + PE (50/60Hz);
2 **shortwave IR-emitters** (IR-emitter: 600.1175);
heated length 450 mm; ceramics reflector; universal position of installation
item no.: 600.3503

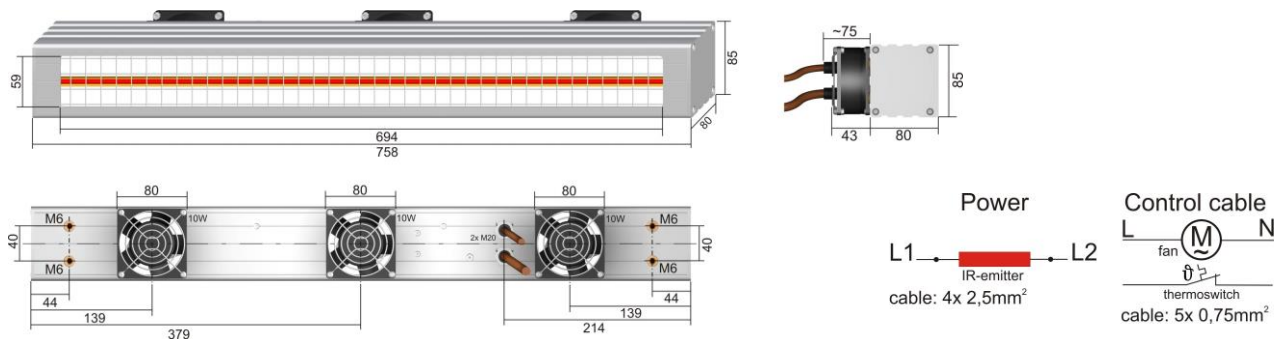


IRD S750 – 1.5 kW / 400 V + N + PE (50/60 Hz);
1 **shortwave IR-emitter** (IR-emitter: 600.1982);
heated length 680 mm; ceramics reflector; universal position of installation
item no.: 600.1046

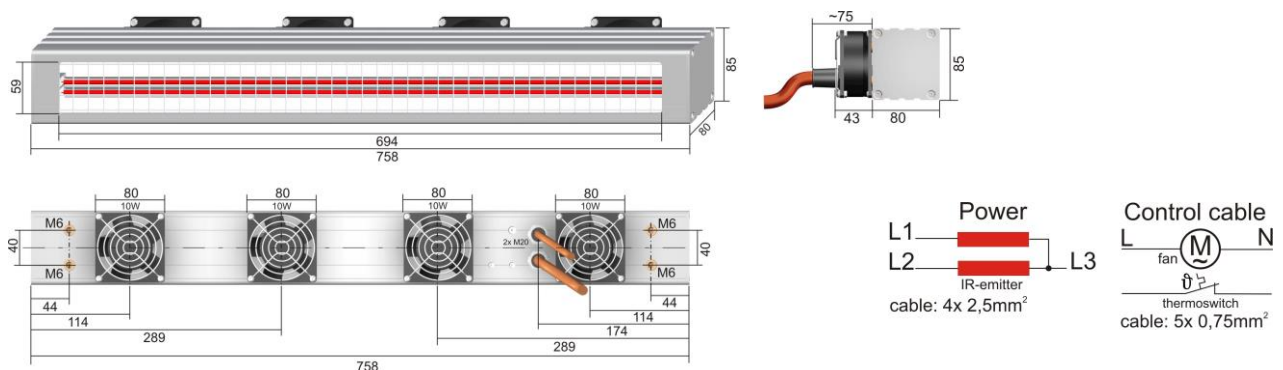
IRD S750 – 3 kW / 400 V + N + PE (50/60 Hz);
1 **shortwave IR-emitter** (IR-emitter: 600.1180.3);
heated length 675 mm; ceramics reflector; universal position of installation
item no.: 600.1024.1



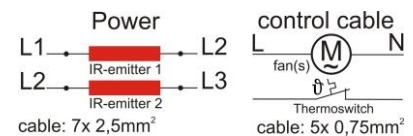
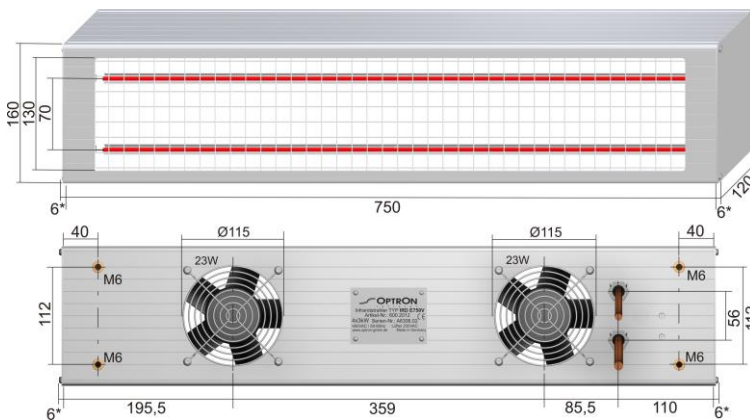
IRD S750 – 4 kW / 400 V + N + PE (50/60 Hz);
1 **shortwave IR-emitter** (IR-emitter: 600.1181);
heated length 675 mm; gold reflector; universal position of installation
item no.: 600.2076



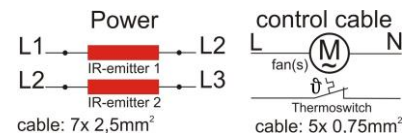
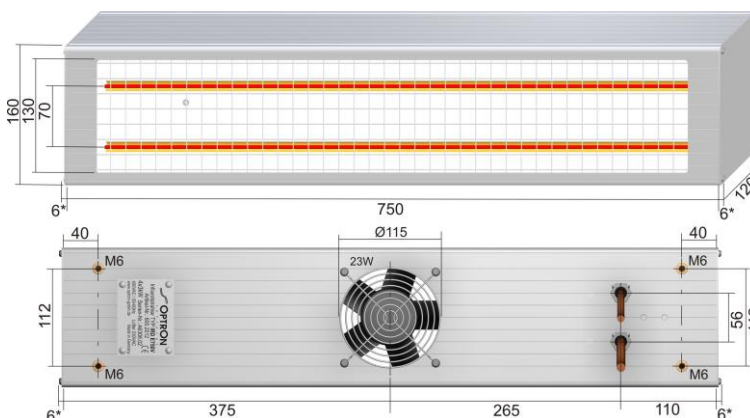
IRD S750Z – 2x 3 kW / 400 V + N + PE (50/60 Hz);
2 **shortwave IR-emitters** (IR-emitter: 600.1180.3);
heated length 675 mm; ceramics reflector; universal position of installation
item no.: 600.1031.1



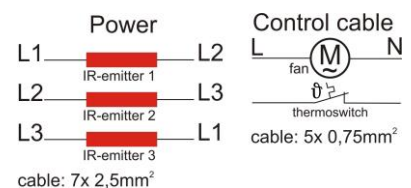
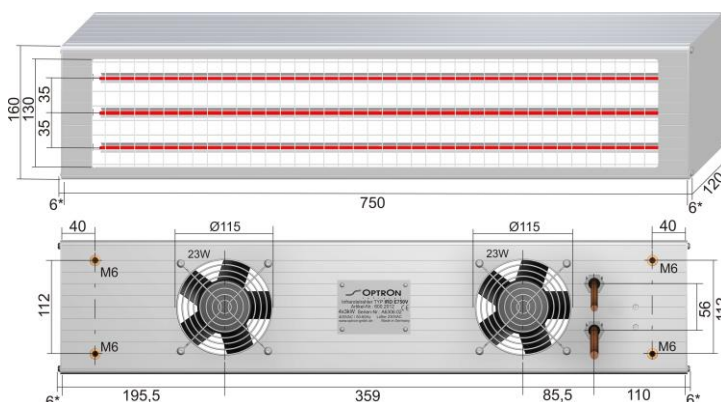
IRD E750Z – 2x 3 kW / 400 V + N + PE (50/60Hz);
2 **shortwave IR-emitters** (IR-emitter: 600.1180.3);
heated length 675 mm; ceramics reflector; universal position of installation
item no.: 600.2010.1



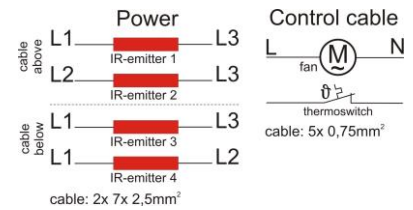
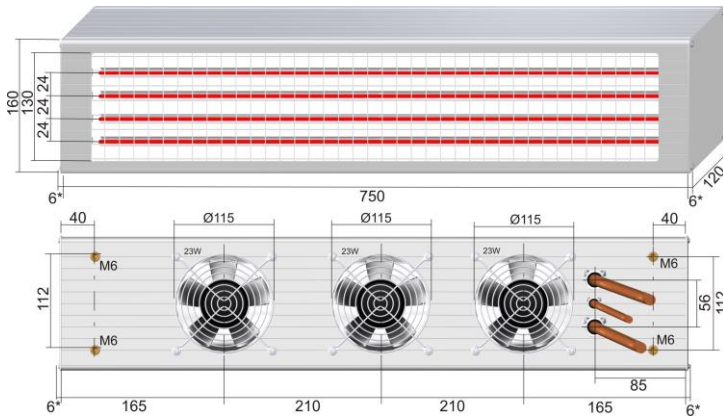
IRD E750Z – 2x 3 kW / 400 V + N + PE (50/60Hz);
2 **shortwave IR-emitters** (IR-emitter: 600.1974);
heated length 675 mm; gold reflector; universal position of installation
item no.: 600.2080



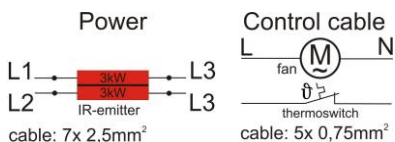
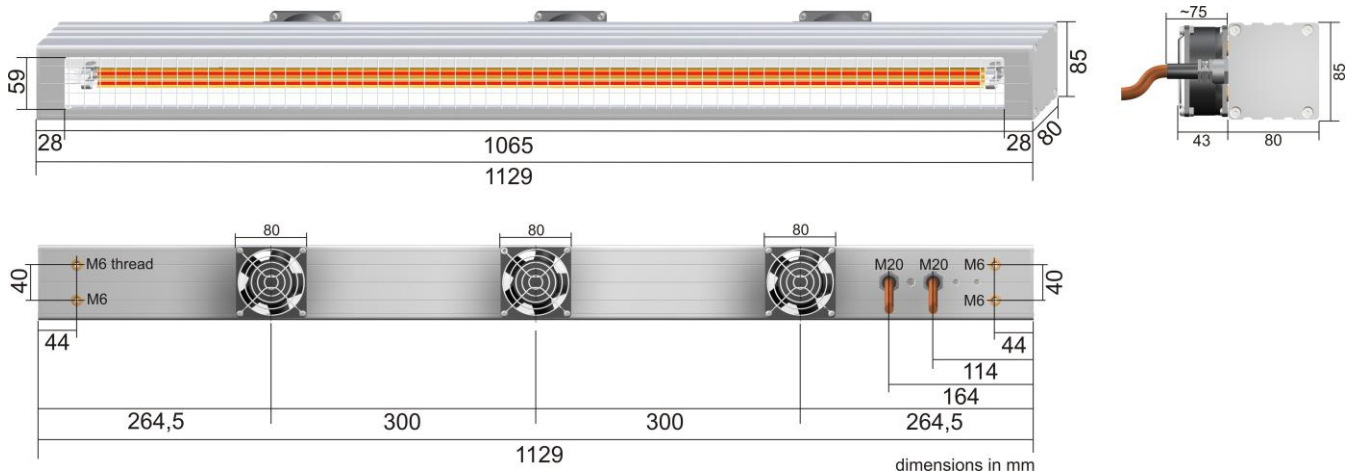
IRD E750D – 3x 3 kW / 400 V + N + PE (50/60 Hz);
3 **shortwave IR-emitters** (IR-emitter: 600.1180.3);
heated length 675 mm; ceramics reflector; universal position of installation
item no.: 600.2015



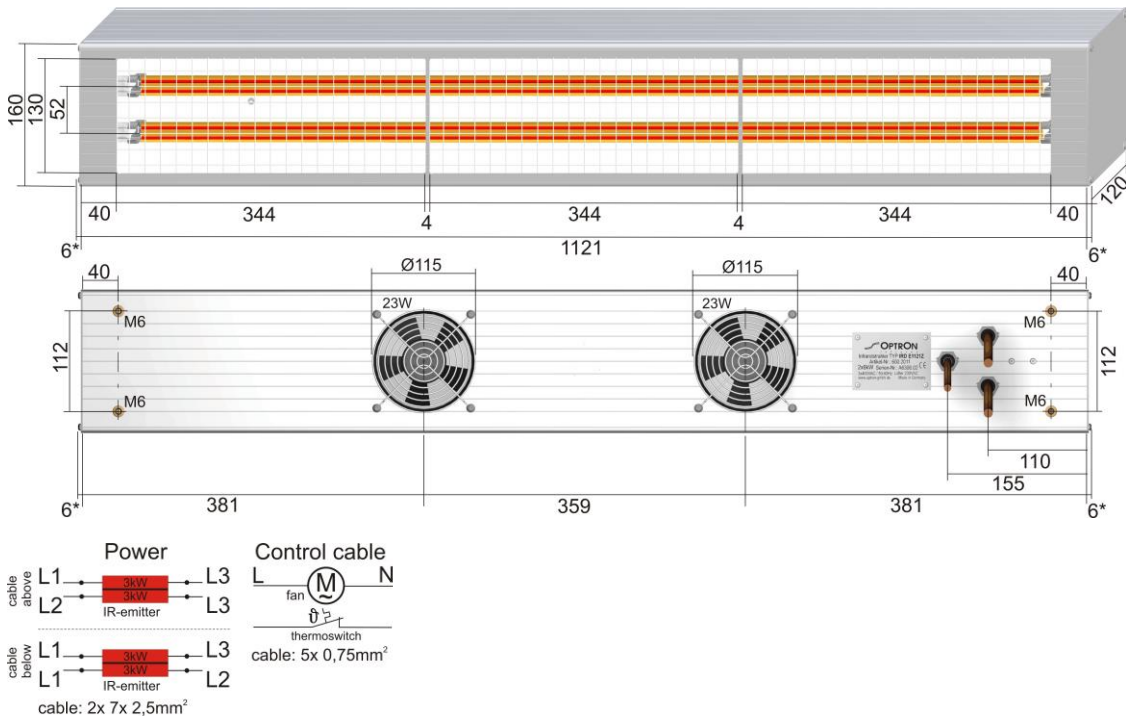
IRD E750V – 4x 3 kW / 400 V + N + PE (50/60 Hz);
4 **shortwave IR-emitters** (IR-emitter: 600.1180.3);
heated length 675 mm; ceramics reflector; universal position of installation
item no.: 600.2012.1



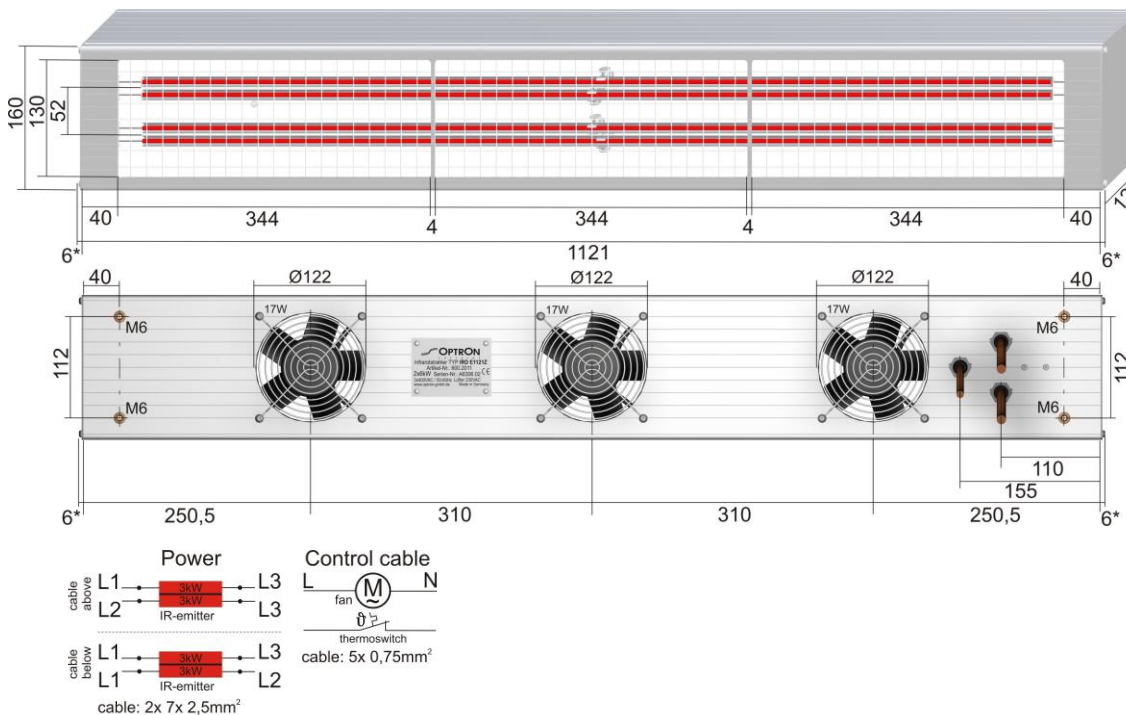
IRD S1121 – 6 kW / 400 V + N + PE (50/60Hz);
1 **shortwave IR twin emitters** 23x11 mm; (IR-emitter: 600.3320);
heated length 1000 mm; gold reflector; universal position of installation
item no.: 600.1027.1



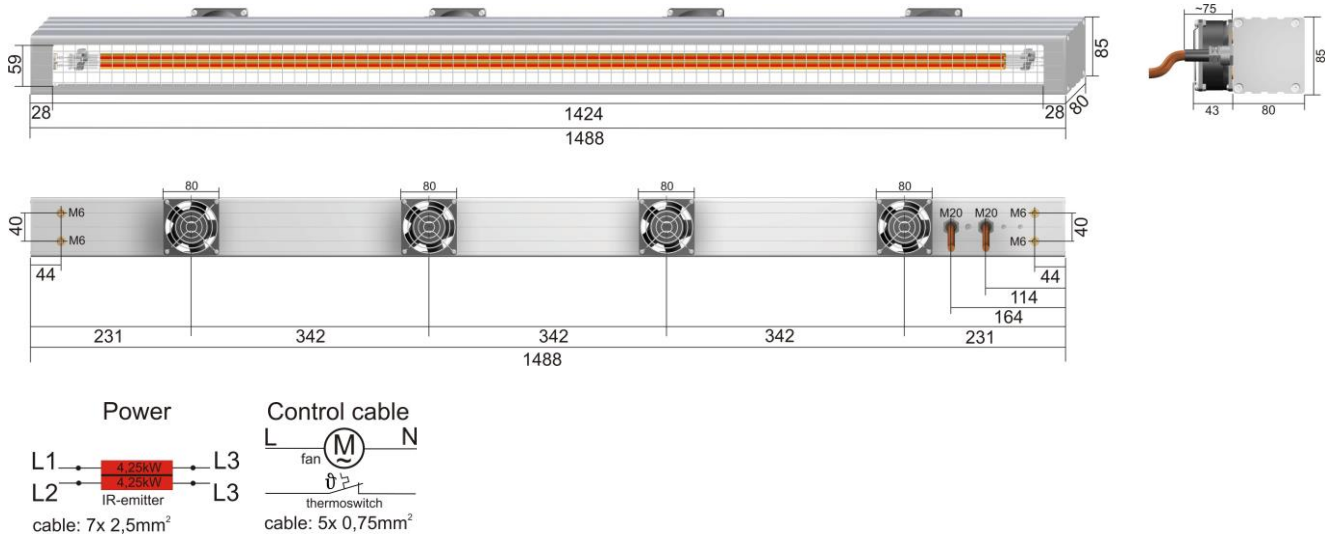
IRD E1121Z – 2x 6 kW / 400 V + N + PE (50/60Hz);
2 **shortwave IR twin emitters** 23x11mm; (IR-emitter: 600.3320);
heated length 1000 mm; gold reflector; universal position of installation
item no.: 600.2011



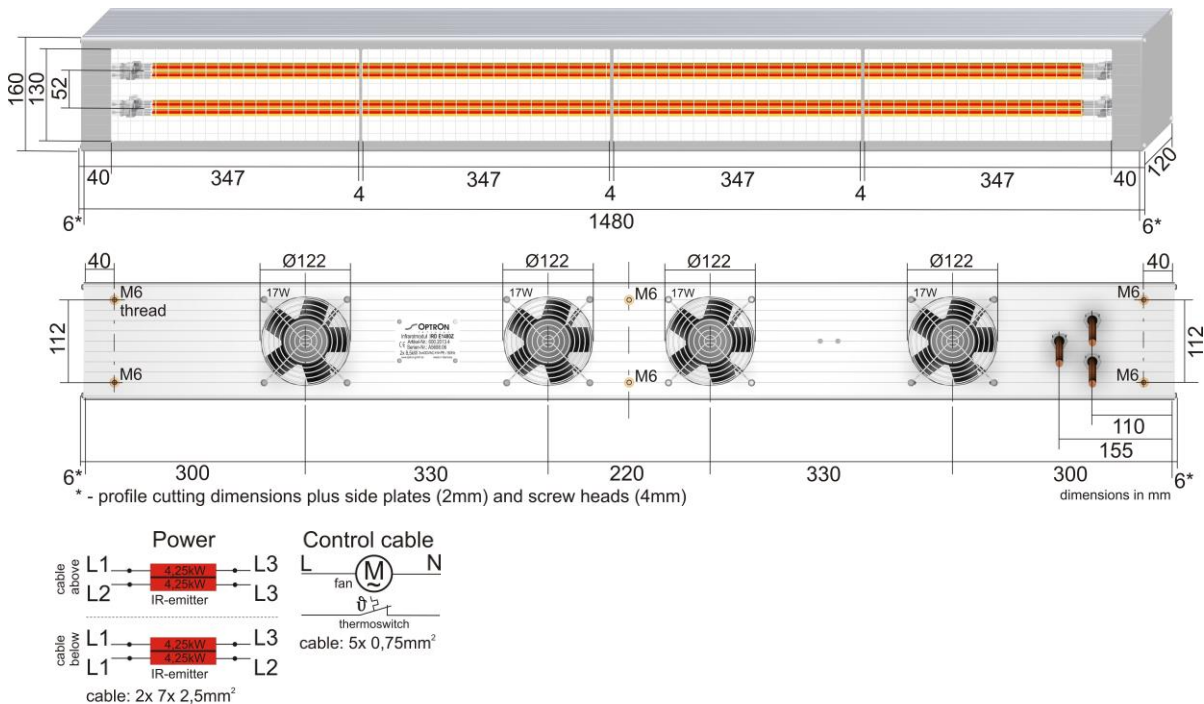
IRD E1121Z – 2x 6 kW / 400 V + N + PE (50/60Hz);
2 **shortwave double-tube IR-emitters**; (IR-emitter: 600.3320.1);
heated length 1000 mm; ceramics reflector; universal position of installation
item no.: 600.2024



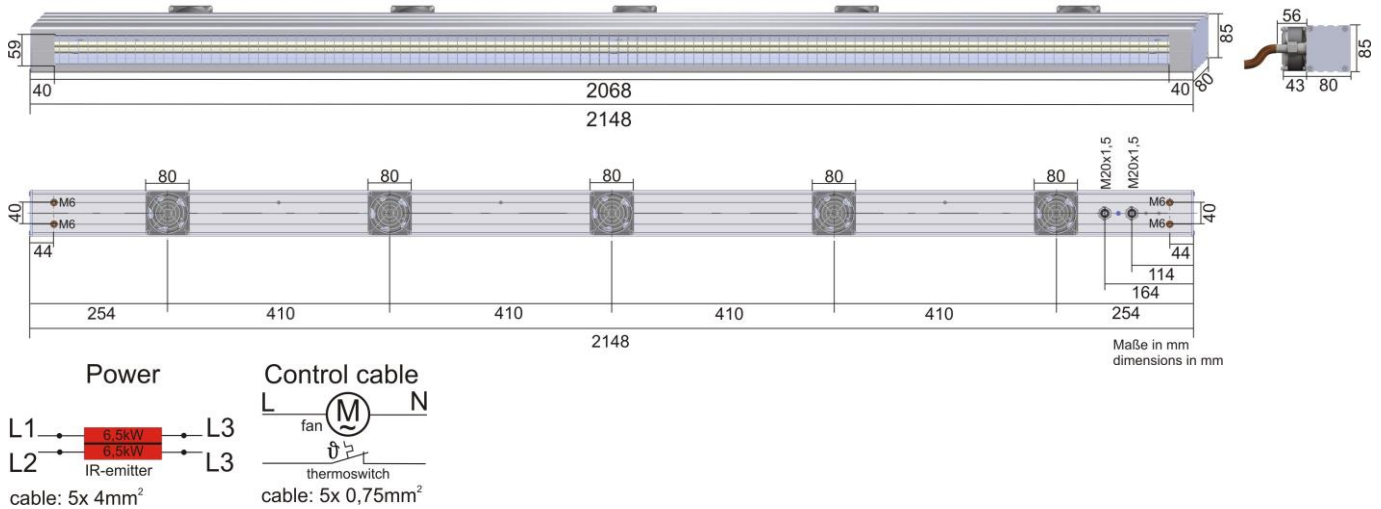
IRD S1480 – 8.5 kW / 400 V + N + PE (50/60Hz);
1 **shortwave IR twin emitter** 23x11mm; (IR-emitter: 600.3322);
heated length 1300 mm; gold reflector; universal position of installation
item no.: 600.1028.3



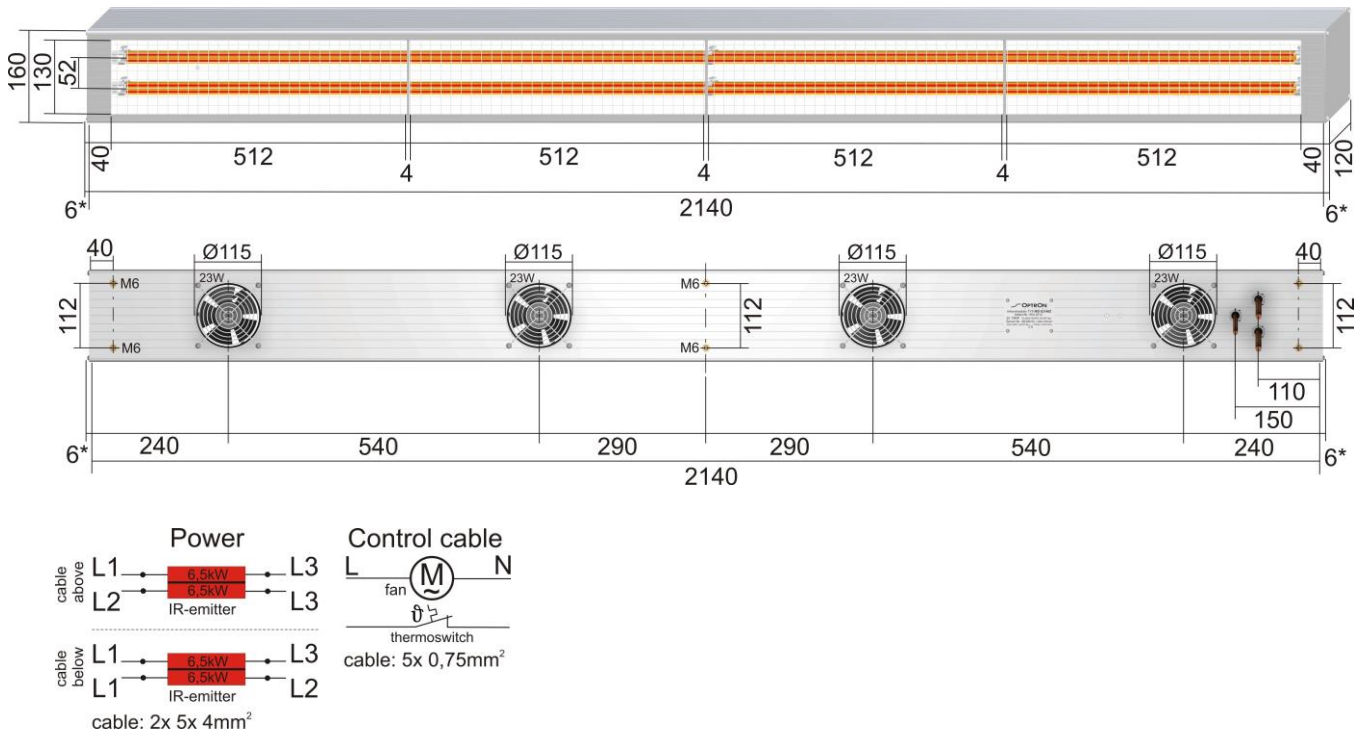
IRD E1480Z – 2x 8.5 kW / 400 V + N + PE (50/60Hz);
2 **shortwave IR twin emitters** 23x11mm; (IR-emitter: 600.3322);
heated length 1300 mm; gold reflector; universal position of installation
item no.: 600.2013.4



IRD S2140 – 13 kW / 3x 400 V + N + PE (50/60Hz);
1 **shortwave IR twin emitter** 23x11mm; (IR-emitter: 600.3323);
heated length 2020 mm; gold reflector; position of installation horizontal $\pm 4^\circ$
item no.: 600.1029.1



IRD E2140Z – 2x 13 kW / 400 V + N + PE (50/60Hz);
2 **shortwave IR twin emitters** 23x11mm; (IR-emitter: 600.3323);
heated length 2020 mm; gold reflector; position of installation horizontal $\pm 4^\circ$
item no.: 600.2014



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

Additional available:

item number:

Mounted protective contact plug (only at 230 V AC up to 3 kW)

600.1107

Additional meter control cable (5G0.75mm²)

600.1121

Additional meter connection cable (230 V AC modules / 4G2.5mm²)

600.1110

Additional meter connection cable (400 V AC modules / 5G2.5mm²)

600.1122

Additional meter connection cable (400 V AC modules / 7G2.5mm²)

600.1222

Advice for the dimensioning

All dimensions in this product overview refer to the profile cut measurements (all dimensions in mm).

The 6 mm marked with an asterisk are for the side sheets and screws.

To calculate the actual length of the infrared-module, please add the side sheet metals (2 mm) and the screws (~4 mm) on both sides.

Except IRD **S**...-modules (e.g. item no. 600.1010.2 / 600.1027.1) and IRD E380D 3x 3kW (item no. 600.1013.2).

Every IR-module is equipped with min. 4 press nuts (M6) at the back side for mounting.
See dimension drawings for the positions.

Dimension drawings with different scales !

