



aIR Liner 133 W (Article No. 754517)

Water-cooled **Hi-End line module** for 1 lamp.
 Special aluminum housing.
 Highly polished, specially aligned, line-focused aluminum reflector.

Reflector length L 163 mm x reflector width W 50 mm
 Irradiated area variable depending on the irradiation distance to substrate,
 irradiated width variable from 1 mm to 15 mm (see drawing)
 Filament length 133 mm

Power density depending on lamp, voltage and width **up to 613 kW_{el}/m²**

L 231 mm / W 56 mm / H 105 mm plus Connections and Cable (see drawing)
 weight 1.6 kg (without cable)

Installation in all directions possible

Mounting options prepared on the long sides with groove profile 5

3 m connection cable (7x2.5 mm²) with variable terminal connections

Powerful water-cooling system with a flow of 1 l / min at 3 bar
 Water connection Festo QS-G1 / 8-8-I
 Temperature of water flow above dew point - Note cooling water specification

Integrated cooling air flow / required cooling air quantity max. 30 m³ / h.

Additional cooling of the lamp ends with compressed air at 1 bar
 Compressed air connection Festo QS-1 / 8-6

suitable power supply optionally available

The module is supplied without lamps, which can be selected and purchased separately from the extensive range.

Model	Voltage	max Power	Number	Lamps	Power Supply	Power Density
Article No.	Volt	Watt	Lamps	maximum	optionally available	P _{el} in kW _{el} /m ²
		per module		model		
aIR Liner 133 W	400	1.500	1	133-1500	PP455 IEC / UL	613
754517	230	1.000	1	133-1000	PP320 IEC / UL	409
	120	400	1	133-400	PP320 IEC / UL	164



aIR PP 421-3 IEC 1.0 (Article No. 819634)

powerful 400V-Power Supply to connect multiple modules (max. 3 modules)

size: H 500 mm / W 500 mm / D 210 mm + socket 40 mm

weight: 25 kg

supply voltage: 380-440V 3 AC + PE

max. power control circuits: 3

max. power per circuit: **3 x 5,550 W / 3 x 13.9A**

max. current IEC: **32A**

infeed: - supply terminals in the control cabinet 4 mm²
 - customer power supply including connection required
 (optional connection cable available under **Article No. 819718**)

control: - signal interface
 - external control unit optionally available
 (**Article No. 818233**)

module connection: Terminal block for connecting the module

features: - Control via 3 discrete power controllers
 - Emergency stop via feed switch / manual operation

remark: This power supply is primarily intended for simultaneous operation of 2 or 3 modules.

Suitable for the following aIR Modules:

Please also note the information on the product data sheets for the modules and the overview matrices "Maximum lamp output per module depending on the available power supply" (Matrix 1) and "Combination of modules, lamps and required power supply" (Matrix 2).

Unless otherwise specified, the module can be operated with the maximum lamp model specified in the module's product data sheet.

- **aIR 3ray 258** (Article No. 755188) with 3 modules max. 9 x 1,800W lamps
- **aIR Hi-6ray 258** (Article No. 754381) with 1 module max. 6 x 2,400W lamps
with 2 modules max. 12 x 1,200W lamps
with 3 modules max. 18 x 800W lamps
- **aIR Panel Basic** (Article No. 755037)
- **aIR Panel Basic** (Article No. 755037)
+ **1 aIR Panel Extension** (Article No. 755917)
- **aIR Panel Basic** (Article No. 755037)
+ **2 aIR Panel Extension** (Article No. 755917) max. 18 x 800W lamps
- **aIR Strip 50-258** (Article No. 755198)
- **aIR Hi-Strip 20-133** (Article No. 755042)
- **aIR Hi-Strip 20-258** (Article No. 755736)
- **aIR Liner 258 A** (Article No. 754638)
- **aIR Liner 133 W** (Article No. 754517)
- **aIR Liner 258 W** (Article No. 754516)
- **aIR Liner 558 W** (Article No. 754543)

