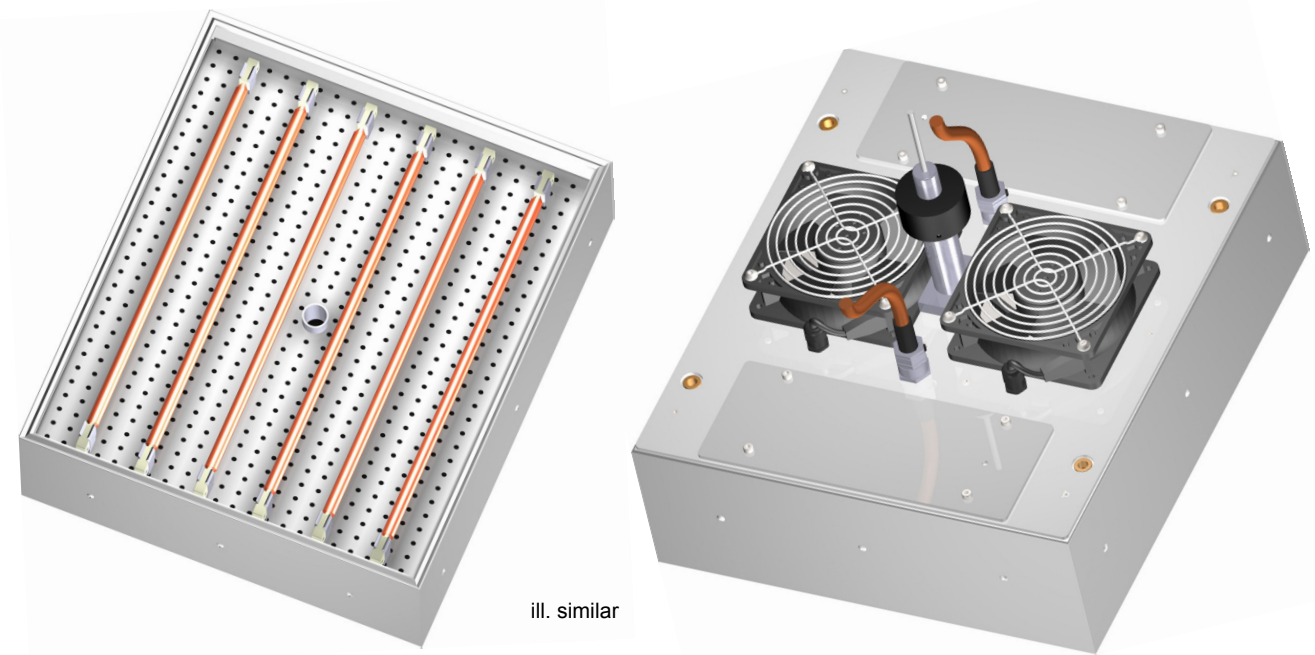


## IR-field 280/280

IR-field for an area irradiation of 280 x 280 mm

Short wave

**OPTRON**  
I N F R A R E D - H E A T



power:	6x 1kW (3x 400 V AC + N + PE)
heated area:	280 x 280 mm (L x W)
working distance:	homogeneous irradiation at a distance of approx. 80mm from bottom edge of the casing
dimensions:	390 x 340 x ~130 mm (L x W x H without fans / pyrometer)
excess temperature control:	1x thermoswitch
material:	aluminium profiles and aluminium perforated plate
mounting:	4x press nuts M6
cooling:	2 attached fans
cable:	3 m silicone connection cable with stripped wires for terminal connection
protection class:	IP20
VDE and CE certified	

### IR-field 280/280

assembled with 6 **short wave IR-emitters** at 1 kW power.  
IR-emitters with rear ceramics reflector. Wavelength peak at 1.2µm  
**item-no.: 600.2050.1**

### Optional irradiation pyrometer type IN4000 with protection armature

supply voltage:	12 ... 24 V DC
output:	0 ... 5 V DC
measuring range:	-20 ... 500°C (factory setting 0 ... 200°C)
<b>item-no.:</b>	<b>130713</b>

For more information about the irradiation pyrometer read our datasheet IN4000.

Custom made IR-fields with higher power or different dimensions on request.

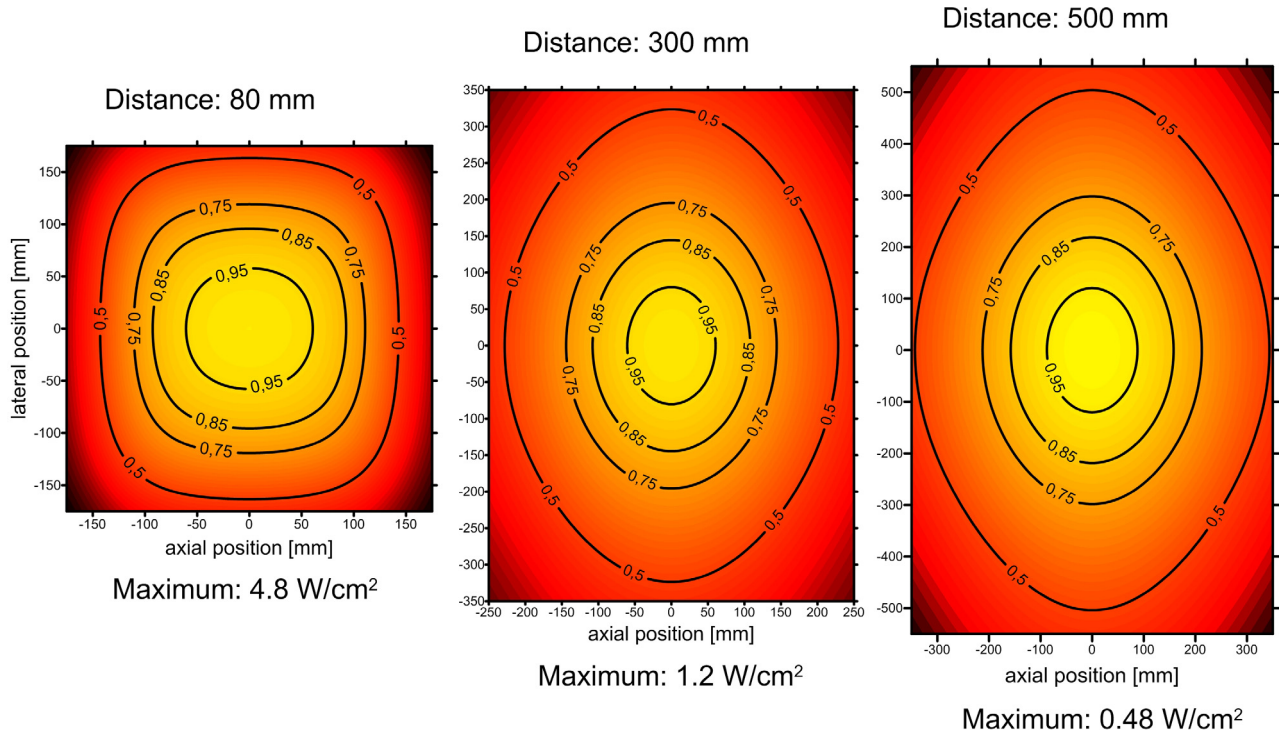
All prices excl. VAT – July 2016

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All pictures are approximations  
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Special power distribution (normalised to 1):



Power density, dependence on the distance:

