Product Information Sheet

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Other Special Lamps				
	17V 150W GX5,3			
	Ordering – No.			
	54211			
Product Description	Halogen IR-Heater Lamp with with a 50mm aluminium coated Reflector			
Features	Designed to operate at Distances between 40 and 60 mm from the Substrate that has to be heated			
Applications	Soldering Drying Curing Heating			

	ntensity at variou ng distances	s
45 40 - 35 - 30 - 18 25 - 30 A		
15 -		Intensity [W/nm] through
10 -		diaphragma (diam. 6 mm)
5 -		in dist. 60 mm
diamete	r diaphragma [mm] 15	4.00E-03 3.00E-03 2.50E-03 1.50E-03 1.50E-03 1.00E-04 0.00E-04
		wavelength [nm]

40		[v	-WD = 40 mm
40 -				WD = 50 mm
35 - /		L	v	·WD = 60 mm
30 -				
E 25 -				
ž 20 -				
15 -				Intensity [W/nm] through
10 -			(diaphragma (diam. 6 mm)
5 -				in dist. 60 mm
0	, , , , , , , , , , , , , , , , , , , ,		4.50E-03 -	
o diamete	er diaphragma [mm]	5	4.00E-03 -	_
			3.50E-03 -	
		_	3.00E-03 -	
		ntensity [W/nm]	2.50E-03 -	i -
		sity (2.00E-03 -	3 -
		inter	1.50E-03 -	
			1.302-03	
			1.00E-03 -	(-)
			5.00E-04 -	·-
			0.00E-00 -	
			ı	0 500 1000 1500 2000 2500 3000 2500 4000
				wavelength [nm]
valid from	05.03.2014—V2—PN1	14/0	0072	
replace for	31.01.2013—V1			
file	54211.100.pdf			

Technical Details						
Rated Voltage (V)	17					
Wattage (W)	150 +/- 10%					
Reflector Type	MR16					
Average Lifetime (hours)	750					
Base	GX5,3					
Burning Position	any					
Packaging Quantity	100pcs.					
Environmental Remark	Product don't contain lead or mercury and is conform with Directive 2002/95/EC "Restriction of the use of certain hazardous substances in electrical and electronic equipment".					
Temperature Limits (°C)						
Bulb Temperature	min. 300 max. 900					
Pinch Temperature	max. 350					
Reflector Temperature	max. 300					
Pin Temperature Absorbtion	max. 300					
Colour Temperature (K)	3150					
Energy and Power (per cm²)	20 W/cm ² with diaphragm \emptyset = 10mm corresponds to the amount of energy for a temperature increase of ΔT = 10K of 1ml water in 2,7s.					



