

## Technical Data

**NewColors**

### Tanning Tube OH N 20/180 R

UV-Code\*: 180-R-97/6,7

Article No.: 80005942

Dimensions: See drawing (not to scale)  
 Socket: G13 / BiPin  
 Reflector: with reflector, type R (reflector angle 210 °)

**Electrical Data:**

Lamp Wattage nom.: 180 W  
 Lamp Voltage: 90 V  
 Lamp Current: 2,0 A  
 Open-circuit voltage: 230 V / 50 Hz  
 Ballast: Ballast 180 LP  
 Starter: OH Suncare Power 100 - 180 W  
 Compensation: 18,0 µF(± 10% 250V)

**Operation conditions:**

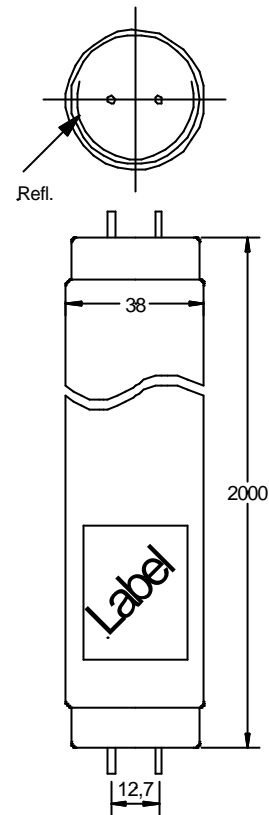
Cooling: Convection  
 Burning Position: Optional  
 Surrounding temperature: 25 °C ±1°C

**Irradiation Data:**

(UVB:280-315 nm; UVA:315-400 nm)  
 UVA Output: 45 W  
 UVB Output: 2,2 %  
 Luminous colour: Standard blue  
 $t_e^*$   $E_{NMS}$  total\*: 159,5 mW / m<sup>2</sup>  
 $t_m^*$   $E_{NMS} <=320/E_{NMS} >320$  6,8 mW / m<sup>2</sup>

**Lifetime:**

Standard lifetime: 800 h  
 Reduction of UV-intensity: <= 30 % ( 315-400 nm ) after 600 h  
 Based on: 20 h - value



The data given are based on average data und has been determined by measurements made in the labor under standard conditions. There could be minor deviations due to technical and/or physical reasons.  
 Heraeus reserves the right to alter the illustrations and technical data in this Technical Data Sheet. The latest updated version of the Technical Data Sheet is prevailing. It is within the customer's responsibility to check whether he is in possession of the latest updated version of the Technical Data Sheet "

\* These irradiation data of a single tube have been measured in a distance of 25 cm.  
 \*\* Valid with 1h preageing process, 25 cm distance between tube surface and sensor, in thermal bal

Sunbed intensity <sup>1</sup> UVA	UV-Device Type <sup>2</sup>	Recommended first exposure time <sup>3</sup> t <sub>e</sub>	Recommended max. exposure time <sup>3</sup> t <sub>m</sub>
26 mw/cm <sup>2</sup>	No	3 Minutes	16 Minutes
30 mw/cm <sup>2</sup>	No	3 Minutes	14 Minutes
34 mw/cm <sup>2</sup>	No	2 Minutes	12 Minutes
39 mw/cm <sup>2</sup>	No	2 Minutes	11 Minutes

<sup>1</sup> UVA-Sunbed intensity, measured in height of the skin surface    <sup>2</sup> Referring to IEC 60335-2-27  
<sup>3</sup> Referring to FDA 21 CFR 1002

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