

## Technical Data

**NewColors**

### Tanning Tube OH N 07/100 R

UV-Code\*: 100-R-30/2,8

Article No.: 45006506

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

**Electrical Data:**

Lamp Wattage nom.: 100 W  
 Lamp Voltage: 120 V  
 Lamp Current: 1,0 A  
 Open-circuit voltage: 230 V / 50 Hz  
 Ballast: Ballast 100 LP  
 Starter: OH Suncare Standard 25 - 100 W  
 Compensation: 10,0 µF(± 10% 250V)

**Operation conditions:**

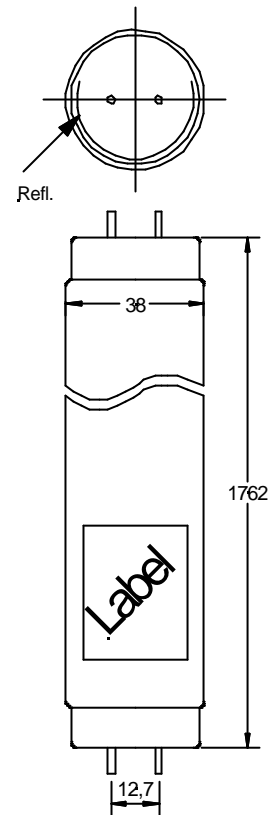
Cooling: Convection  
 Burning Position: Horizontal  
 Surrounding temperature: 25 °C ±1°C

**Irradiation Data:**

(UVB:280-315 nm; UVA:315-400 nm)  
 UVA Output: 30 W  
 UVB Output: 0,7 %  
 Luminous colour: Standard blue  
 te\* E<sub>NMS</sub> total\*: 45,7 mW / m<sup>2</sup>  
 tm\* E<sub>NMS</sub> <=320/E<sub>NMS</sub> >320 2,9 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>
21 mw/cm <sup>2</sup>	II	14 Minutes	77 Minutes
25 mw/cm <sup>2</sup>	II	12 Minutes	64 Minutes
29 mw/cm <sup>2</sup>	No	10 Minutes	55 Minutes
32 mw/cm <sup>2</sup>	No	9 Minutes	50 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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