

## Technical Data

# MagicSun

## Tanning Tube OH M 16/100 R

**UV-Code\*:** 100-R-59/5,2

**Article No.:** 45006398

**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:**

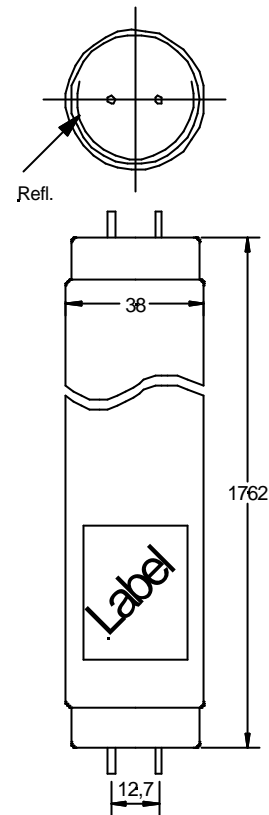
**Cooling:** Convection  
**Burning Position:** Horizontal  
**Surrounding temperature:** 25 °C ±1°C

**Irradiation Data:**

(UVB:280-315 nm; UVA:315-400 nm)  
**UVA Output:** 30 W  
**UVB Output:** 1,8 %  
**Luminous colour:** Standard blue  
**te\***  $E_{NMS}$  total\*: 99,5 mW / m<sup>2</sup>  
**tm\***  $E_{NMS} <=320/E_{NMS} >320$  5,2 mW / m<sup>2</sup>

**Lifetime:**

**Standard lifetime:** 1.000 h  
**Reduction of UV-intensity:** <= 20 % ( 315-400 nm ) after 700 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	5 Minutes	26 Minutes
30 mw/cm <sup>2</sup>	No	4 Minutes	23 Minutes
34 mw/cm <sup>2</sup>	No	4 Minutes	20 Minutes
39 mw/cm <sup>2</sup>	No	3 Minutes	18 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

**Heraeus Noblelight GmbH** · Original Hanau SunCar  
 Heraeusstraße 12-1 · D-63450 Hana  
 Phone: +49 6181 / 35-509 · Fax.: +49 6181 / 35-509  
 E-Mail: suncare@heraeus.co · www.original-hanau-suncare.co

**Heraeus Noblelight LLC** · 2150 Northmont Parkway, Suite L  
 GA 30096 USA · Duluth · United States  
 Phone: +1 770 418 0707 · Fax.: +49 6181 / 35-509  
 E-Mail: tanning@noblelight.n · www.original-hanau-suncare.com/us



31.05.2005