

Technical Data

NewColors

Tanning Tube OH N Speedster 100 HXL R

UV-Code*: 100-R-85/8,7

Article No.: 80006128

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

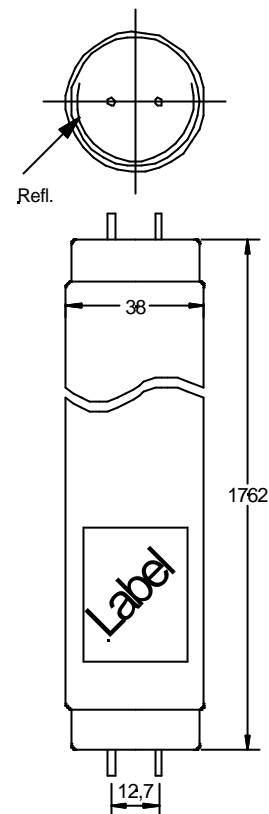
Irradiation Data:

(UVB:280-315 nm; UVA:315-400 nm)

UVA Output: 29 W
 UVB Output: 2,8 %
 Luminous colour: Standard blue
 t_e^* E_{NMS} total*: 167,6 mW / m²
 t_m^* $E_{NMS} <=320/E_{NMS} >320$ 8,7 mW / m²

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 ¹ UVA	UV-Device Type ²	Recommended first exposure time ³ t_e	Recommended max. exposure time ³ t_m
21 mw/cm ²	No	5 Minutes	26 Minutes
25 mw/cm ²	No	4 Minutes	22 Minutes
29 mw/cm ²	No	4 Minutes	19 Minutes
32 mw/cm ²	No	3 Minutes	17 Minutes

¹ UVA-Sunbed intensity, measured in height of the skin surface

² Referring to IEC 60335-2-27

³ Referring to FDA 21 CFR 1002

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