

Technical Data

NewColors

Tanning Tube OH N 100 HXU F71 BiPin

UV-Code*: 100-O-70/12,5

Article No.: 80006920

Dimensions: See drawing (not to scale)
 Socket: G13 / BiPin
 Reflector: without reflector, type O (reflector angle)

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 μ F(\pm 10% 250V)

Operation conditions:

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

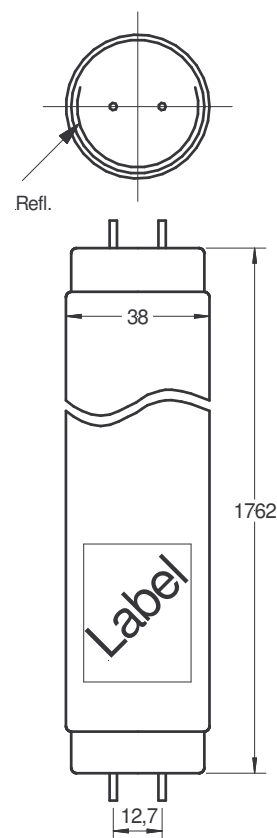
Irradiation Data:

(UVB:260-320 nm; UVA:320-400 nm)

UVA Output: 28 W
 UVB Output: 8,0 %
 Luminous colour: Standard blue
 t_e^* : 100 min E_{NMSC} total*: 137,2 mW / m²
 t_m^* : 280 min $E_{NMSC} \leq 320 / E_{NMSC} > 320^*$: 12,5 mW / m²

Lifetime:

Standard lifetime: 600 h
 Reduction of UV-intensity: \leq 30 % (320-400 nm) after 600 h
 Based on: 20 h - value



The data given are based on average data and has been determined by measurements made in the laboratory 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 balance

| 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 | 1 Minutes | 6 Minutes |
| 25 mw/cm ² | No | 1 Minutes | 5 Minutes |
| 29 mw/cm ² | No | 1 Minutes | 5 Minutes |
| 33 mw/cm ² | No | 1 Minutes | 4 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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