

## Technical Data

### CLASSICS

## Tanning Tube OH C 100 XL

UV-Code\*: 100-O-30/6,2

Article No.: 45006677

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: 0,9 A  
 Open-circuit voltage: 230 V / 50 Hz  
 Ballast: Ballast 100 LP  
 Starter: OH Suncare Standard 25 - 100 W  
 Compensation: 10,0  $\mu$ F ( $\pm$  10% 250V)

### Operation conditions:

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

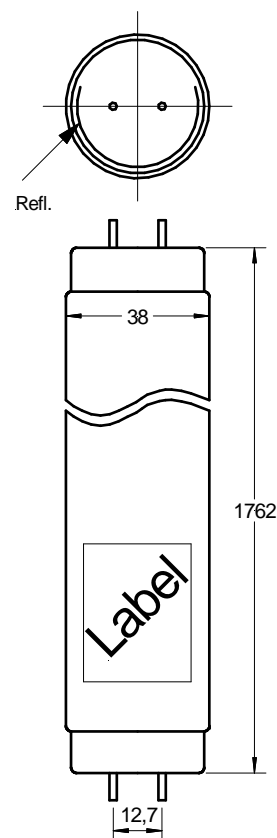
### Irradiation Data:

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

UVA Output: 25 W  
 UVB Output: 4,6 %  
 Luminous colour: Standard blue  
 te\*: 230 min E<sub>NMSC</sub> total\*: 60,9 mW / m<sup>2</sup>  
 tm\*: 640 min E<sub>NMSC</sub>  $\leq$ 320/E<sub>NMSC</sub>  $>$ 320\*: 6,2 mW / m<sup>2</sup>

### Lifetime:

Standard lifetime: 600 h  
 Reduction of UV-intensity:  $\leq$  30 % ( 320-400 nm ) after 500 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 <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>
15 mw/cm <sup>2</sup>	II	3 Minutes	18 Minutes
18 mw/cm <sup>2</sup>	II	3 Minutes	15 Minutes
21 mw/cm <sup>2</sup>	No	2 Minutes	13 Minutes
23 mw/cm <sup>2</sup>	No	2 Minutes	12 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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