

## Technical Data

**CLASSICS**

### Tanning Tube OH C 100 XS

UV-Code:<sup>\*\*</sup> 100-O-15/2,4

Article No.: 45006667

**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 µF(± 10% 250V)

**Operation conditions:**

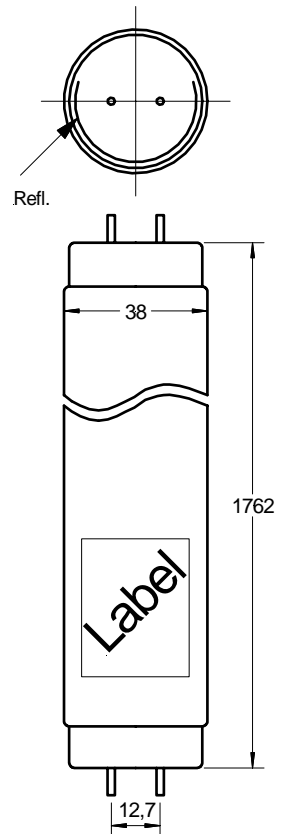
Cooling: Convection  
 Burning Position: Horizontal  
 Surrounding temperature: 25 °C ±1°C

**Irradiation Data:**

UVA Output: 27 W  
 UVB Output: 0,8 %  
 Sun erythema factor:<sup>\*</sup> 0,05  
 Luminous colour: Standard blue  
 (UVB:280-315 nm; UVA:315-400 nm)  
 $E_{er} \text{ total:}^* \quad 15,1 \text{ mW/m}^2$   
 $E_{er} \leq 320:^* \quad 7,9 \text{ mW/m}^2$   
 $E_{er} > 320:^* \quad 7,2 \text{ mW/m}^2$   
 $E_{NMSC} \text{ total:}^* \quad 24,2 \text{ mW/m}^2$   
 $E_{NMSC} \leq 320/E_{NMSC} > 320:^* \quad 2,4$   
 $E_{pi}:^* \quad 9,0 \text{ W/m}^2$

**Lifetime:**

Standard lifetime: 700 h  
 Reduction of UV-intensity: ≤ 30 % ( 315-400 nm ) after 500 h  
 Based on: 20 h - value



The data given are based on average data und has been determined by measurements made in the laboratory under standard conditions. There could be minor deviations due to technical and/or physical reasons.

\* 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.

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."

Sunbed intensity *1 (315-400 nm)	UV- *2 Device type	First tanning time *3	Tanning time in minutes *3			MED/h Skin type 3	UV- *4 Index
			Skin type 2	Skin type 3	Skin type 4		
15 mW/cm <sup>2</sup>	II	9 min	23 min	32 min	42 min	2	7
18 mW/cm <sup>2</sup>	II	8 min	20 min	28 min	35 min	2	8
21 mW/cm <sup>2</sup>	II	7 min	17 min	24 min	31 min	2	10
23 mW/cm <sup>2</sup>	II	6 min	15 min	21 min	27 min	3	11

\*1 UVA- Sunbed intensity, measured in height of the skin surface; \*2 Referring DIN EN 60335-2-27; \*3 Referring DIN 5050 Part 2; \*4 Referring BfS

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