

# Technical Data

**NewColors**

# HN Sunlight

## Tanning Tube OH N 180 R Dual

UV-Code:<sup>\*\*</sup> 160-R-108/7,4

Article No.: 80029490

**Dimensions:**

Colour 1: 1.495 mm, Colour 2: 505 mm  
 Socket: G13 / BiPin  
 Reflector: with reflector, type R (reflector angle 210 °)

**Electrical Data:**

Lamp Wattage nom.: 160 W  
 Lamp Voltage: 120 V  
 Lamp Current: 1,5 A  
 Open-circuit voltage: 230 V / 50 Hz  
 Ballast: Ballast 160 LP  
 Starter: OH Suncare Power 100 - 180 W  
 Compensation: 18,0 µF(± 10% 250V)

**Operation conditions:**

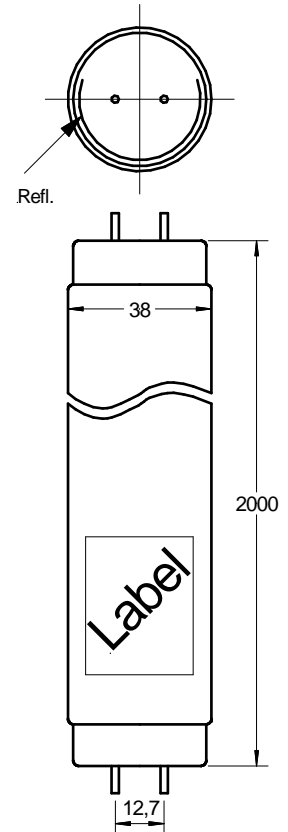
Cooling: Convection  
 Burning Position: Horizontal  
 Surrounding temperature: 25 °C ±1°C

**Irradiation Data:**

UVA Output: 47 W  
 UVB Output: Colour 1: 2,4 %, Colour 2: 2,9 %  
 Sun erythema factor:<sup>\*</sup> 0,35  
 Luminous colour: Colour 1: Standard blue, Colour 2: Pink  
 (UVB:280-315 nm; UVA:315-400 nm)  
 $E_{er \text{ total}}^*$  107,5 mW/m<sup>2</sup>       $E_{NMSC \text{ total}}^*$  190,9 mW/m<sup>2</sup>  
 $E_{er \leq 320}^*$  85,8 mW/m<sup>2</sup>       $E_{NMSC \leq 320} / E_{NMSC > 320}^*$  7,4  
 $E_{er > 320}^*$  21,7 mW/m<sup>2</sup>       $E_{pi}^*$  24,3 W/m<sup>2</sup>

**Lifetime:**

Standard lifetime: 800 h  
 Reduction of UV-intensity: ≤ 30 % ( 315-450 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.

<sup>\*</sup> These irradiation data of a single tube have been measured in a distance of 25 cm.

<sup>\*\*</sup> Valid with 1h preageing process, 25 cm distance between tube surface and sensor, in thermal balance.

HN Sunlight GmbH 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 <sup>*1</sup> (315-400 nm)	UV- <sup>*2</sup> Device type	First tanning time <sup>*3</sup>	Tanning time in minutes <sup>*3</sup>			MED/h Skin type 3	UV- <sup>*4</sup> Index
			Skin type 2	Skin type 3	Skin type 4		
26 mW/cm <sup>2</sup>	No	2 min	6 min	8 min	10 min	8	30
30 mW/cm <sup>2</sup>	No	2 min	5 min	7 min	9 min	9	35
35 mW/cm <sup>2</sup>	No	2 min	4 min	6 min	7 min	10	40
39 mW/cm <sup>2</sup>	No	1 min	4 min	5 min	7 min	12	46

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

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