

Technical Data

NewColors

Tanning Tube OH N 07/100 R

UV-Code:^{**} 100-R-30/2,8

Article No.: 45006506

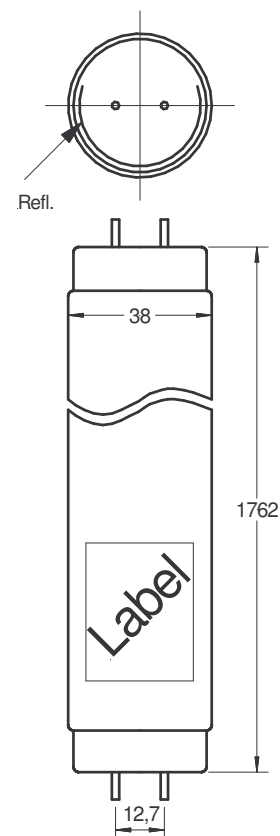
Dimensions: See drawing (not to scale)
 Socket: G13 / BiPin
 Reflector: with reflector, type R (reflector angle 210 °)

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:
 UVA Output: 30 W
 UVB Output: 0,7 %
 Sun erythema factor:^{*} 0,10
 Luminous colour: Standard blue
 (UVB:280-315 nm; UVA:315-400 nm)
 $E_{er \text{ total}}^*$: 29,9 mW/m² $E_{NMSC \text{ total}}^*$: 45,7 mW/m²
 $E_{er \leq 320}^*$: 18,3 mW/m² $E_{NMSC \leq 320} / E_{NMSC > 320}^*$: 2,8
 $E_{er > 320}^*$: 11,6 mW/m² E_{pi}^* : 16,9 W/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 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.

^{*} 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} (315-400 nm) | UV- ^{*2} Device type | First ^{*3} tanning time | Tanning time in minutes ^{*3} | | | MED/h Skin type 3 | UV- ^{*4} Index |
|--|----------------------------------|-------------------------------------|---------------------------------------|-------------|-------------|----------------------|----------------------------|
| | | | Skin type 2 | Skin type 3 | Skin type 4 | | |
| 21 mW/cm ² | II | 7 min | 17 min | 24 min | 31 min | 2 | 10 |
| 25 mW/cm ² | II | 6 min | 15 min | 21 min | 27 min | 3 | 11 |
| 29 mW/cm ² | II | 5 min | 13 min | 18 min | 23 min | 3 | 13 |
| 33 mW/cm ² | No | 5 min | 11 min | 16 min | 21 min | 4 | 15 |

^{*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 B

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