



NAFTA Code: FR59 T12 80W PH
Equivalency Code: 80-R-30/2,9

Item Code: 30760

Electrical data (nominal values)

| | |
|----------------|--------------|
| Lamp power | 80 W |
| Supply voltage | 230 V |
| Ballast | 80 W / 230 V |

Physical data

| | |
|--|-----------------------|
| UVA flux (315-400 nm) $\pm 10\%$ | 25 W |
| UVA irradiance (315-400 nm) $\pm 10\%$ | 20 W/m ² |
| UVB irradiance (280-315 nm) $\pm 10\%$ | 130 mW/m ² |
| UVB/UVA ratio | 0,65 % |
| Recommended useful life | 800 hrs |

Lamp specifications (acc. IEC/EN 61228)

a) Dimensions (in mm)

| | |
|---------------------------|--------------|
| Length (nominal) | 1.500,0 |
| Length without pins (max) | 1.500,0 |
| Length base – pin (min) | 1.504,7 |
| Length base – pin (max) | 1.507,1 |
| Length with pins (max) | 1.514,2 |
| Diameter (nominal/max) | 38,0 / 40,5 |
| Base | G13 standard |

b) Reflector 210°

c) Specified ballast ABB 80-150/23-SF-69 0,87A 230V

d) Electrical data (rated values)

| | |
|--------------|--------|
| Lamp power | 77 W |
| Lamp current | 847 mA |
| Lamp voltage | 105 V |

e) Effective irradiance (rated values)

| | |
|-------------------------------------|----------------------|
| UV-Erythema (250-400 nm) $\pm 15\%$ | 30 mW/m ² |
| nmSC (250-320 nm) $\pm 15\%$ | 31 mW/m ² |
| nmSC (320-400 nm) $\pm 15\%$ | 11 mW/m ² |

f) Equivalency code 80-R-30/2,9

Examples of exposure times

| UVA irradiance in W/m ² | First session tanning time in Min. | Maximum tanning time in Min. by skin type | | |
|---------------------------------------|---------------------------------------|--|------|------|
| | | 2 | 3 | 4 |
| 160 | 7,3 | 18,3 | 25,6 | 32,9 |
| 210 | 5,6 | 13,9 | 19,5 | 25,1 |
| 260 | 4,5 | 11,2 | 15,7 | 20,2 |
| 310 | 3,8 | 9,4 | 13,2 | 17,0 |
| 360 | 3,2 | 8,1 | 11,4 | 14,6 |

(depending on the actual UVA irradiance of the sunbed)

Construction elements

| | |
|--------------|-------------|
| Mount | SM |
| Glass type | open |
| Light Colour | see picture |

Equipment requirements

| | |
|--|--------------|
| Starter | 80 W / 230 V |
| Starter t _{close min} | |
| Starter t _{close max} | |
| Starter U _{peak min} | |
| Starter U _{nonrecl max} | |
| Cathode I _{preheat min} | |
| Cathode I _{preheat max} | |
| Operating condition U _{L min} | |
| Operating condition U _{L max} | |
| Operating condition I _{L min} | |
| Operating condition I _{L max} | |

Additional specifications

