

Technical Data Sheet



RAINBOW RED 160W R

Art. Nr.: 290120

LT product id. code: 97720

Main Application:
Equivalency code:

Tanning
160-R-36/3,1

Dimensions

Lamp Length Nominal	1760 mm
Base Face to Base Face (max.)	1763,8 mm
Base Face to Pin (max.)	1770,9 mm
Diameter	38 mm
Base	G13 Bi-Pin
Reflector angle	210 °

Electrical Data (nominal values)

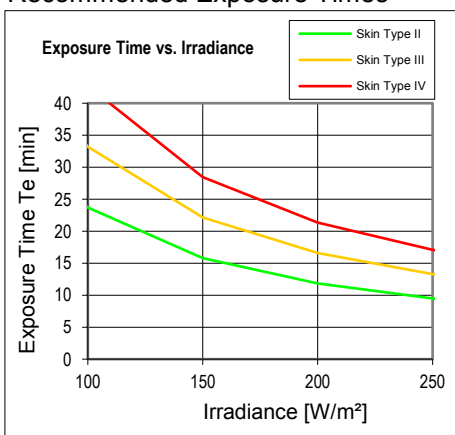
Lamp Wattage	160 W
Lamp Current	1,6 A
Lamp Voltage	105 V
Compensation	18 µF
Ballast ¹⁾	160 W
Recommended Starter	according to EN 60155
Lamp color:	CollaTan™ pink



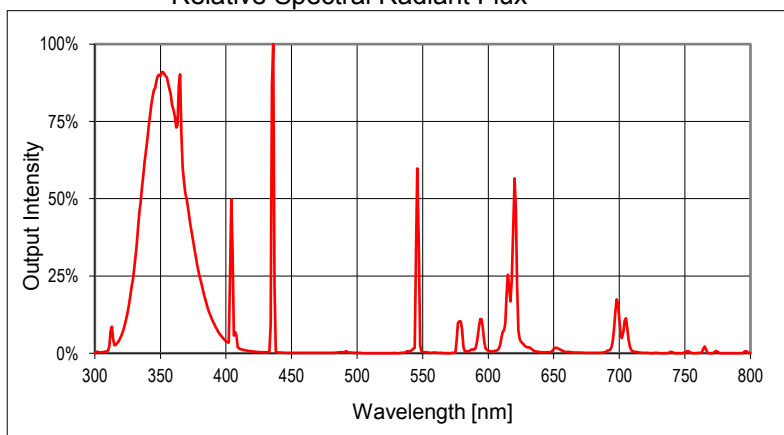
Physical Data (nominal values)

UVA Radiant Flux	30 W
Typical Irradiance in bed ²⁾	210 W/m ²
B/A Ratio (UVB:280-315 nm)	0,9 %
E_{er} (250-400 nm)	36 mW/m ²
E_{er} (320-400 nm)	14,6 mW/m ²
E_{er} (250-320 nm)	21,5 mW/m ²
NMSC Ratio (≤ 320 nm / > 320 nm)	3,1
Irradiance 570nm $<\lambda\leq 800$ nm ³⁾	3,4 W/m ²
Useful Life (recommended)	800 h

Recommended Exposure Times⁴⁾



Relative Spectral Radiant Flux



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1) Recommended ballast

2) Please contact the manufacturer of your sunbed for the correct value

3) Just for reference

4) The effective dose is derived from the ultraviolet action curve in accordance with IEC 60335-2-27:2002 and EN 60335-2-27:2003

Data are given under conditions of optimum UV irradiance according to IEC 61228:2008 . Subject to modification.