



**Tanning Lamp
Data Sheet**
**LT MedSun Therapy
Intense Blue 20W**

Subject to modification!

Dimensions

Lamp Length Nominal [mm]	600
Base Face to Base Face (max.) [mm]	589,8
Base Face to Pin (max.) [mm]	596,9
Diameter [mm]	38
Base	G13
Reflector angle [°]	0

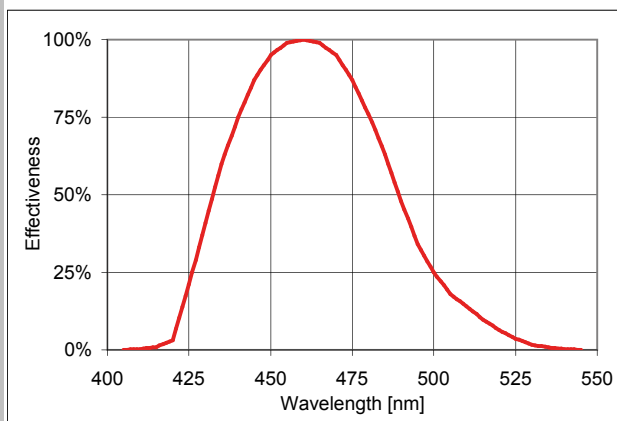
Electrical Data (nominal values)

Lamp Wattage [W]	20
Lamp Current [A]	0,38
Lamp Voltage [V]	55
Compensation [μ F]	4
Ballast ¹⁾	20 W
Recommended Starter (Acc. to EN 60155)	
Non reclosure voltage [V]	>135
Peak voltage [V]	>600
Preheat time [s]	>0.5

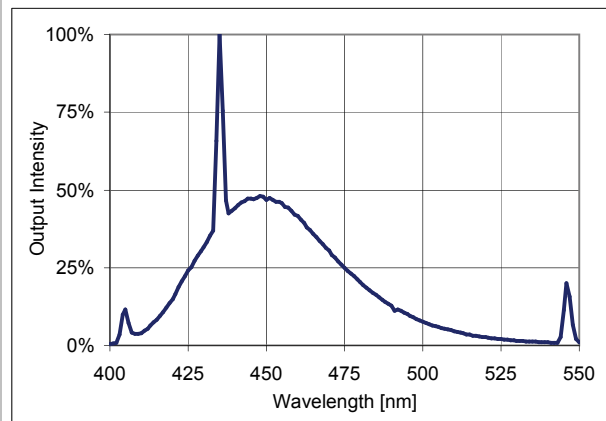
Physical Data (nominal values)

$E_{er_{\lambda \leq 320nm}}$ [mW/cm^2] ²⁾	7,09E-06
$E_{er_{320nm < \lambda \leq 400nm}}$ [mW/cm^2] ³⁾	3,25E-06
Lamp Color	blue
Irradiation (400-550 nm) [W/m^2] ⁴⁾	5,0
Bilirubin Effectiveness [W/m^2]	3,5
Useful Life (recommended) [h]	2000

Bilirubin Action Curve



Relative Spectral Radiant Flux



²⁾ IEC 60601-2-50:2002 an effective UV irradiance $\lambda \leq 320nm$
 $10^{-5} mW/cm^2$ is the limit for phototherapy of newborns

³⁾ IEC 60601-2-50:2002 an effective UV irradiance $\lambda > 320nm$
 $1,5 \times 10^{-2} mW/cm^2$ is the limit for phototherapy of newborns

⁴⁾ Calculated according to EN 60601-2-50:2002 standard

¹⁾ Please note the electrical data when you choose ballast
Rapidstart operation not recommended