

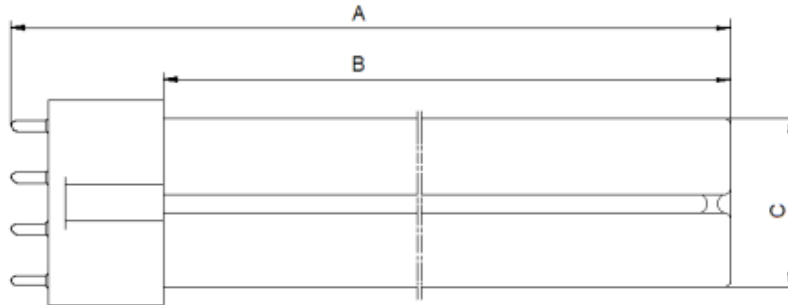


**Medical Lamp
Data Sheet**
**LT Medsun Therapy
Intense Blue 18W Compact**

Subject to modification!

Dimensions

A	.....	max. 225mm
B	.....	max. 195mm
C	.....	max. 38mm
Base	.....	2G11



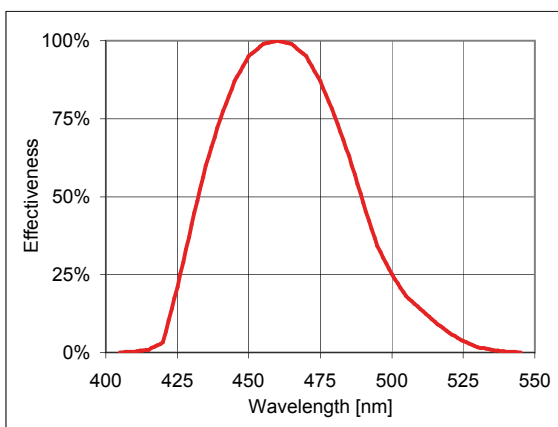
Electrical Data (nominal values)

Lamp Wattage	.....	18 W
Lamp Current	.....	370 mA
Lamp Voltage	.....	60 V
Ballast ¹⁾	18 W

Physical Data

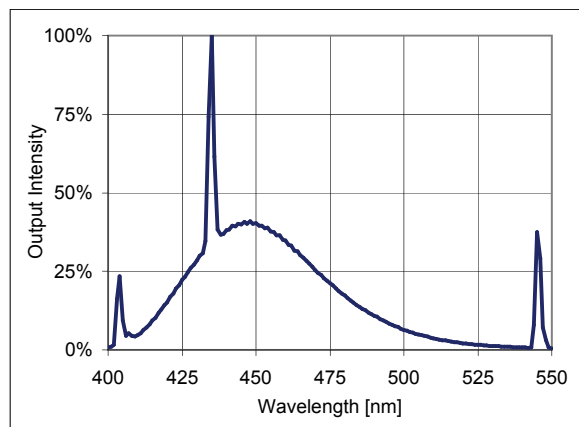
Useful Life (recommended) [h]	2000	Lamp Color	blue
$E_{er_{\lambda \leq 320nm}}$ [mW/cm ²] ²⁾	4,01E-06	Irradiation (400-550 nm) [W/m ²] ⁴⁾	9,3
$E_{er_{320nm < \lambda \leq 400nm}}$ [mW/cm ²] ³⁾	1,28E-06	Bilirubin Effectiveness [W/m ²]	6,0

Bilirubin Action Curve



²⁾ IEC 60601-2-50:2002 an effective UV irradiance $\lambda \leq 320nm$
 10^{-5} mW/cm² 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/cm² is the limit for phototherapy of newborns
⁴⁾ Calculated according to EN 60601-2-50:2002 standard

Graphed Data Relative Spectral Radiant Flux



¹⁾ Recommended ballasts:
50 Hz M+C D 18-22.1-3/H
60 Hz M+C D 18-22.2-63
or any compatible with these