Medical Lamp Data Sheet
LT MedSun Therapy
Wide Band UVB 100W
RDC

Subject to modification!

**Dimensions**
- Lamp Length Nominal [mm] 1760
- Base Face to Base Face (max.) [mm] N/A
- Boss to Boss (max.) [mm] 1782.4
- Diameter [mm] 38
- Base RDC
- Reflector angle [°] 0

**Electrical Data (nominal values)**
(rapidstart operation not recommended)
- Lamp Wattage [W] 100
- Lamp Current [A] 0.9
- Lamp Voltage [V] 115
- Compensation [µF] 10
- Ballast 100 W
- Recommended Starter (Acc. to EN 60155)
  - Non reclosure voltage [V] >135
  - Peak voltage [V] >600
  - Preheat time [s] >0.5

**Physical Data**
- UV Radiant Flux [W] 15
- Typical Irradiance in Unit [W/m²] 60*
- Nominal B/A Ratio [%] Te [min] 5
- EUR (UVB:280-315 nm) 120
- USA (UVB:260-320 nm) 180
- Erythema (250-400 nm) [W/m²] 1,705
- Usefule Life (recommended) [h] 500

**Recommended Exposure Times**

**Graphed Data**

*The value depends on design of medical equipment. (number of lamps, etc.)

DANGER! Strong UVB radiation! Only for medical use!