



Medical Lamp Data Sheet

LT MedSun Therapy Wide Band UVB 15W

Subject to modification!

Dimensions

Lamp Length Nominal [mm]	290
Base Face to Base Face (max.) [mm]	288,3
Base Face to Pin (max.) [mm]	295,6
Diameter [mm]	16
Base	G5
Reflector angle [°]	0

Electrical Data (nominal values)

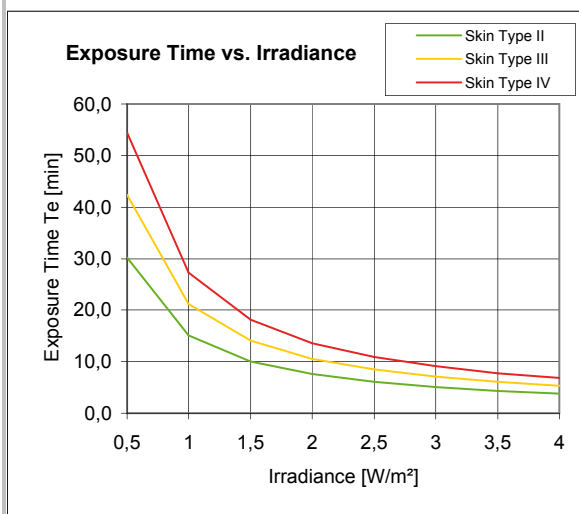
(rapidstart operation not recommended)

Lamp Wattage [W]	15
Lamp Current [A]	0,35
Lamp Voltage [V]	42
Compensation [µF]	4
Ballast	15 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]	0,75	Lamp Color	standard
Typical Irradiance in Unit [W/m ²]	1,2*		
Nominal B/A Ratio [%]		Te [min]	12
EUR (UVB:280-315 nm)	125	Tm [min]	40
USA (UVB:260-320 nm)	185	NMSC Ratio (<320 nm />320 nm)	270
Erythema (250-400 nm) [W/m ²]	0,678	Erythema (320-400 nm) [W/m ²]	0,002
Useful Life (recommended) [h]	500	Erythema (250-320 nm) [W/m ²]	0,676

Recommended Exposure Times

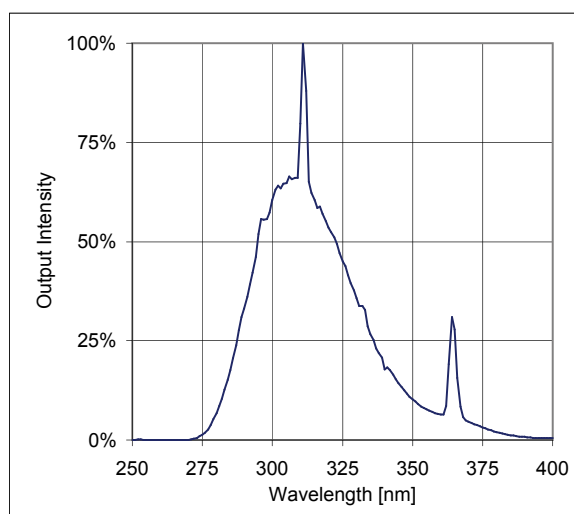


The effective dose is derived from the ultraviolet action curve in accordance with EN 60335 - 2 - 27

DANGER! Strong UVB radiation! Only for medical use!

Graphed Data

Relative Spectral Radiant Flux



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