



Medical Lamp Data Sheet

LT MedSun Therapy Wide Band UVB 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)

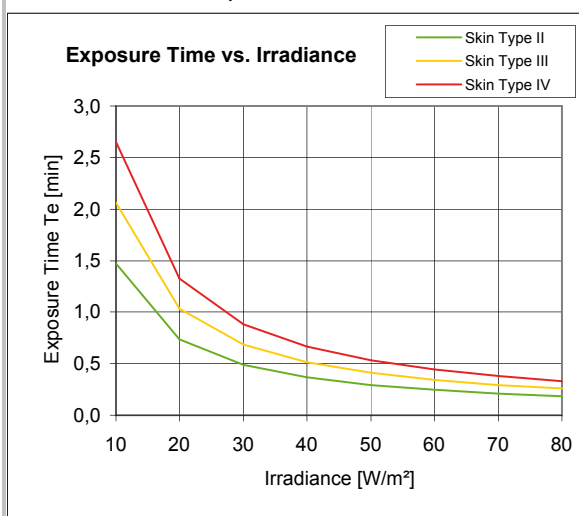
(rapidstart operation not recommended)

Lamp Wattage [W]	20
Lamp Current [A]	0,38
Lamp Voltage [V]	55
Compensation [µF]	4
Ballast	20 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]	2	Lamp Color	standard
Typical Irradiance in Unit [W/m ²]	20*	Te [min]	12
Nominal B/A Ratio [%]		Tm [min]	40
EUR (UVB:280-315 nm)	130	NMSC Ratio (<320 nm />320 nm)	280
USA (UVB:260-320 nm)	190	Erythema (320-400 nm) [W/m ²]	0,002
Erythema (250-400 nm) [W/m ²]	0,702	Erythema (250-320 nm) [W/m ²]	0,700
Useful Life (recommended) [h]	500		

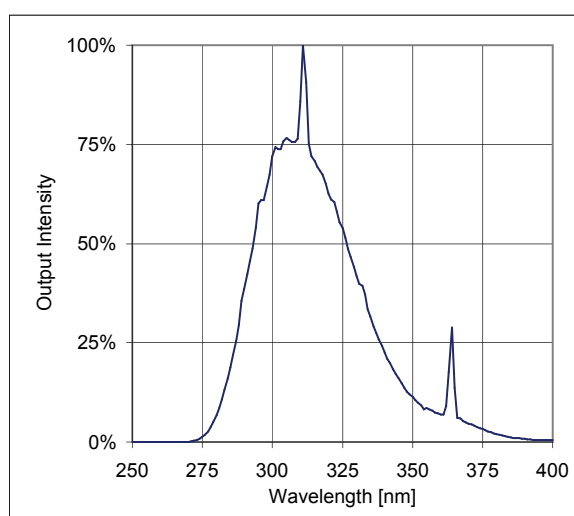
Recommended Exposure Times



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.)