

**Technical Data Sheet**VDL : 12794\_R03  
Datum: 05-01-2010**MAXLIGHT 100W CE III**

Art. Nr.: 12794

LT product id. code: 32223

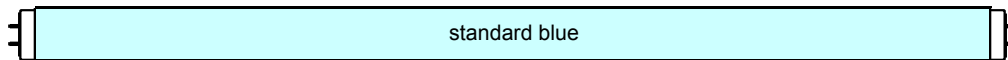
Main Application:  
Equivalency code:Tanning  
100-O-15/2,6

  
05-01-2010
**Dimensions**

Lamp Length Nominal	1760 mm
Base Face to Base Face (max.)	1763,8 mm
Base Face to Pin (max.)	1770,9 mm
Diameter	38 mm
Base	G13 Bi-Pin
Reflector angle	0 °

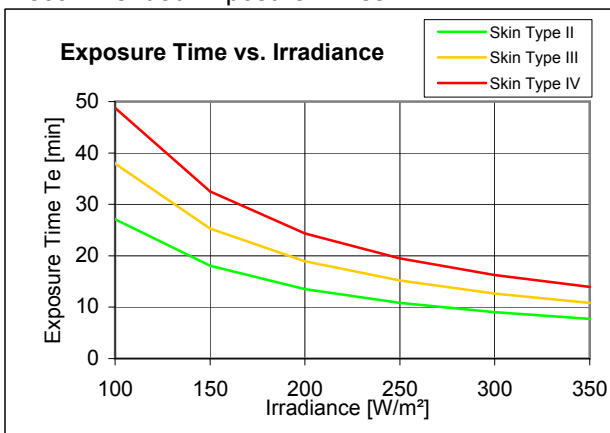
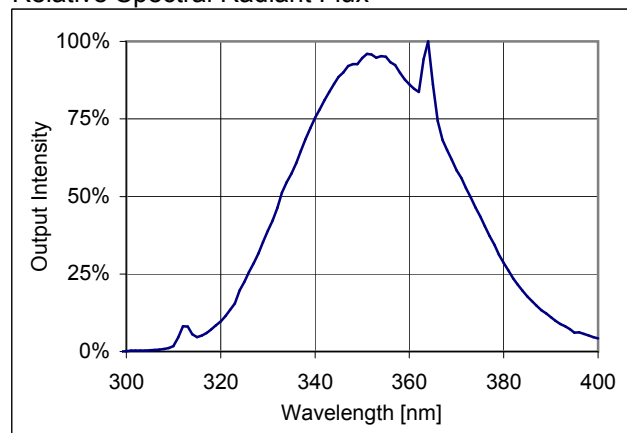
**Electrical Data** (nominal values)

Lamp Wattage	100 W
Lamp Current	0,9 A
Lamp Voltage	125 V
Compensation	10 µF
Ballast <sup>1)</sup>	100 W
Recommended Starter	Maxlight (18890)
Lamp color:	

**Physical Data** (nominal values)

UVA Radiant Flux	30 W
Typical Irradiance in bed <sup>2)</sup>	140 W/m <sup>2</sup>
B/A Ratio (UVB:280-315 nm)	1,0 %
E <sub>er</sub> (250-400 nm)	15 mW/m <sup>2</sup>
E <sub>er</sub> (320-400 nm)	7,0 mW/m <sup>2</sup>
E <sub>er</sub> (250-320 nm)	7,6 mW/m <sup>2</sup>
NMSC Ratio (≤320 nm / >320 nm)	2,6

	Min	Max	
Peak UVA (320-400 nm)	1,80	2,30	x10 <sup>-4</sup> [W/m <sup>2</sup> ]
Peak UVB (250-320 nm)	2,20	2,66	x10 <sup>-6</sup> [W/m <sup>2</sup> ]
Useful Life ( recommended )	650 h		

**Recommended Exposure Times**<sup>3)</sup>**Relative Spectral Radiant Flux**

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1) Recommended Ballast Type: **DW 530-100** [www.elko-pn.si](http://www.elko-pn.si)  
or any compatible with this

2) Please contact the manufacturer of your sunbed for the correct value

3) The effective dose is derived from the ultraviolet action curve  
in accordance with IEC 60335-2-27:2002 and EN 60335-2-27:2003

Data are given under conditions of optimum UV irradiance according to IEC 61228:2008 . Subject to modification.