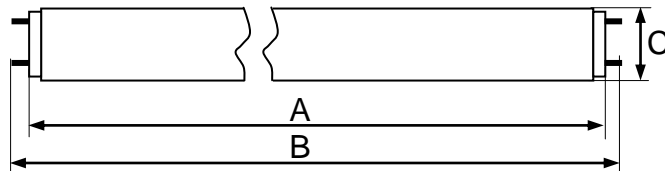


# Tanning Lamp – Data Sheet

**ultimate 1820 R 100W**
**100-R-37/3,9**
**KBL part no.** 3230076050

**Dimensions** 1760 x 38 mm

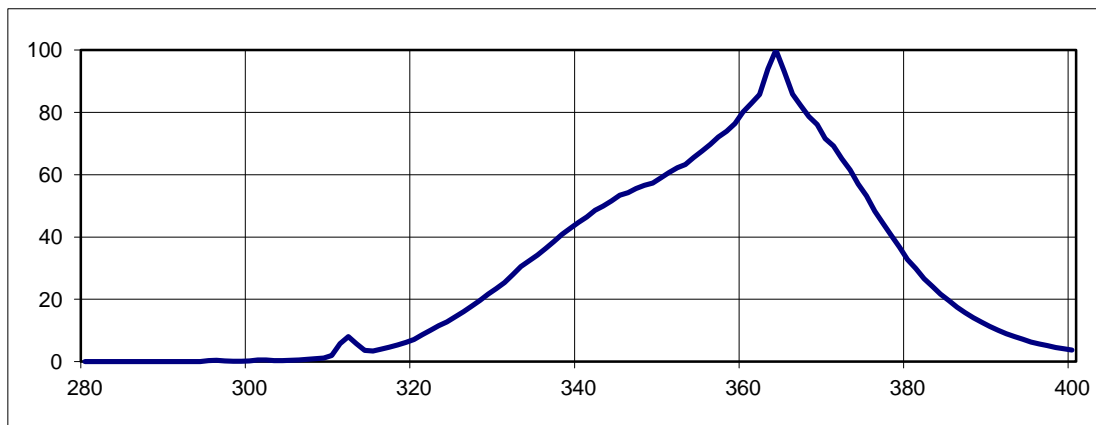
**Base** G13 Bi-Pin

 $A_{max}$  1763,8 mm

 $B_{max}$  1778,0 mm

 $C_{max}$  38 mm

 SM     LM

## Relative Spectral Distribution



## Electrical Data (nominal values)

Lamp Wattage	100 W	Lamp Voltage	125 V
Lamp Current	0,90 A	Ballast	100 W

## Physical Data

UVA Radiation Flux	30 W	$E_{er}$ (250-400 nm)	37 mW/m <sup>2</sup>
B/A Ratio		$E_{er}$ (320-400 nm)	12,2 mW/m <sup>2</sup>
EUR (UVB: 280-315)	1,1 %	$E_{er}$ (250-320 nm)	24,5 mW/m <sup>2</sup>
		NMSC Ratio ( $\leq 320$ / $> 320$ nm)	3,9
		Useful Life (recommended)	
		inductive	650 h
		electronic power	800 h
		cpi	1100 h

## Recommended Exposure Times

Start Time*	6 min
Max. Time for Skin Type II*	15 min
Max. Time for Skin Type III*	20 min
Max. Time for Skin Type IV*	26 min

\* For a typical irradiance in a bed of 200 W/m<sup>2</sup>  
 These results will vary depending on the size and type of bed where the lamp is installed.