



# light in action

## DATASHEET . . .

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## Independence XR 100W

item No.:200809

**Average Rated Lifetime:** 800 h

### Dimensions

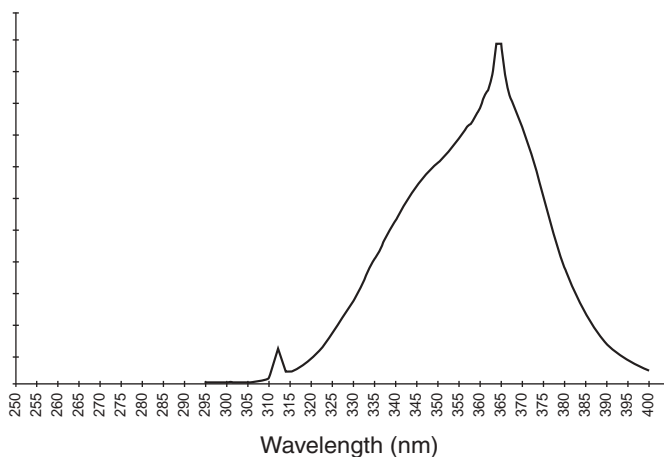
Normal Length: 1760,0 mm  
 Face to Face (max.): 1763,8 mm  
 Pin to Pin (max.): 1770,0 mm  
 Diameter: 38,0 mm  
 Base: G13 Gold

### Electrical Data (Nominal Values)

Lamp Wattage: 100 W  
 Lamp Current: 1,0 A  
 Lamp Voltage: 120 V  
 Capacitor: 10  $\mu$ F  
 Ballast: 100 W

### Physical Data (Typical Values) mW/cm<sup>2</sup>

Energetic Radiation Output  $E_{UVA}$ ,  $E_{UVB}$   
 Biological Radiation Output  
 $E_{pi}$  = Direct Pigmentation  
 $E_{pp}$  = Delayed Pigmentation  
 $E_{er}$  = Erythema                      SEF-Lamp: 1,77



UVB%	$E_{UVA}$ mW/cm <sup>2</sup>	$E_{UVB}$ mW/cm <sup>2</sup>	$E_{pi}$ mW/cm <sup>2</sup>	$E_{pp}$ mW/cm <sup>2</sup>	$E_{er}$ mW/cm <sup>2</sup>
1,1	28,32	0,312	23,77	0,069	0,053

### Recommended Exposure Times\*

Initial Exposure Time: 4,30 min  
 Skin Type II: 10,70 min  
 Skin Type III: 15,00 min  
 Skin Type IV: 19,20 min  
 SEF-Tanningmachine: 1,30

\* In accordance with EN 60335-2-27, at a typical UVA irradiance of 21 mW/cm<sup>2</sup>

### Information:

The energetic radiation output is the total radiation emitted to an exposed area.  
 The biological radiation output provides information the radiation that occurs on the skin and achieves a typical effect.

Subject to modification.

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