



light in action

DATASHEET . . .

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Independence Typ B CR Plus 140W

item No.:200815

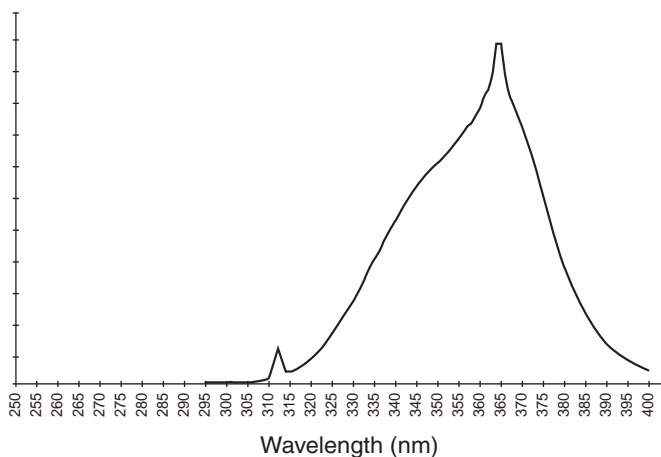
Average Rated Lifetime: 800 h

Dimensions

Normal Length: 1500,0 mm
 Face to Face (max.): 1500,0 mm
 Pin to Pin (max.): 1507,0 mm
 Diameter: 38,0 mm
 Base: G13 Gold

Electrical Data (Nominal Values)

Lamp Wattage: 140 W
 Lamp Current: 1,5 A
 Lamp Voltage: 90 V
 Capacitor: 18 µF
 Ballast: 140 W



Physical Data (Typical Values) mW/cm²

Energetic Radiation Output E_{UVA} , E_{UVB}
 Biological Radiation Output
 E_{pi} = Direct Pigmentation
 E_{pp} = Delayed Pigmentation
 E_{er} = Erythema SEF-Lamp: 3,47

UVB%	E_{UVA} mW/cm²	E_{UVB} mW/cm²	E_{pi} mW/cm²	E_{pp} mW/cm²	E_{er} mW/cm²
1,8	42,04	0,684	37,12	0,126	0,104

Recommended Exposure Times*

Initial Exposure Time: 1,80 min
 Skin Type II: 4,40 min
 Skin Type III: 6,20 min
 Skin Type IV: 8,00 min
 SEF-Tanningmachine: 3,13

* In accordance with EN 60335-2-27, at a typical UVA irradiance of 38 mW/cm²

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.