

**CLEO Compact 20W by Isolde**

F18T8 Preheat-Bipin

Art. No. 961205240

Lamp Dimensions	Value	Unit	Tolerance
Nominal dimension	450 x 26	mm	-
Lamp length	450	mm	nominal
Length without pins	437.4	mm	max
Length base - pin	442.1	mm	min
Length base - pin	444.5	mm	max
Length with pins	451.6	mm	max
Diameter	28.0	mm	max

Electrical Data	Value	Unit	Tolerance
Main voltage	127	V	± 0.2 %
Ballasts (parallel circuit)	15 + 6	W	nominal
Lamp wattage	20	W	± 5 W
Lamp current	500	mA	-
Lamp voltage	45	V	± 10 V

Physical Data	Value	Unit	Tolerance
UVA (315 – 400 nm) <sup>1)</sup>	6.0	W/m <sup>2</sup>	± 10 %
UVB (280 – 315 nm) <sup>1)</sup>	65	mW/m <sup>2</sup>	± 10 %
Erythema irradiance <sup>1)</sup>	11	mW/m <sup>2</sup>	± 15 %
Maintenance after 500 h	85	%	-10%

<sup>1)</sup> according to IEC a distance of 25 cm from the lamp axis under stable operation conditions

**Lamp Specification (rated values according to IEC 61228)**

- a) Lamp dimension: see table Lamp Dimensions above
- b) Reflector angle: no reflector
- c) Ballast for which the lamp is designed: Weltor LXV 15/26 - 15W and Weltor LXV 6 - 6W (parallel circuit)
- d) Rated electrical characteristics:
  - lamp wattage: 20 W
  - lamp current: 506 mA
  - lamp voltage: 47 V
- e) Total effective irradiance values at 25 cm distance from the lamp axis
  - erythema irradiance (250 – 400 nm): 12 mW/m<sup>2</sup>
  - NMSC weighted irradiance (250 – 320 nm): 14 mW/m<sup>2</sup>
  - NMSC weighted irradiance (320 – 400 nm): 5 mW/m<sup>2</sup>
- f) Equivalency code: 20 – O – 12 / 3.1

Isolde Licht GmbH Kölner Str. 8 D-70376 Stuttgart	<b>Product Requirements</b> <b>CLEO Compact 20W</b> F18T8 20W Preheat-Bipin	26.10.2010 / Bo
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