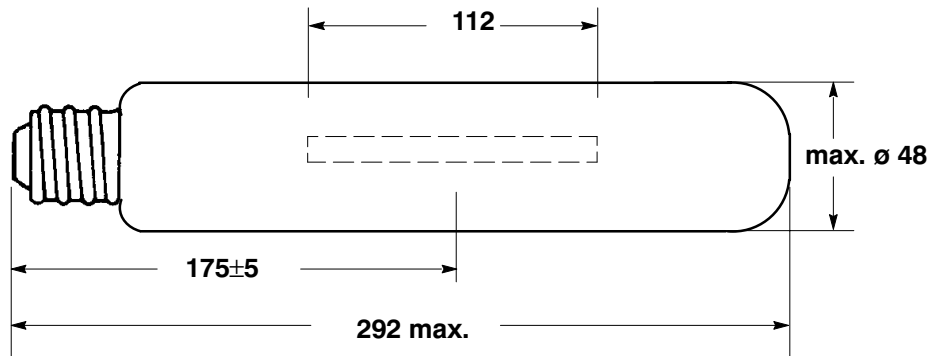


**DIMENSIONS (mm)**



Cap : E40/45 (IEC 61-1)  
Bulb : hard glass

<b>ELECTRICAL DATA:</b>		<b>NOMINAL VALUE</b>	<b>MIN.</b>	<b>MAX.</b>
Lamp Wattage	(W) :	620		
Lamp Voltage	(V) :	200	170	230
Lamp Current	(A) :	3.5		
Lamp Warm-up current	(A) :			7.0

**OPERATING CONDITIONS:**

Burning Position	:	any		
Ballast Type	:	SHP-600W/380V, 400V, 415V		
Voltage/Current ratio	:	U.C.		
Calibration Current	(A) :	U.C.		
Supply Voltage	(%) :		92	106
Ignitor Pulse	* (kVp) :		4.0	5.0
Compensation Capacitor	(µF) :	20		
Cap Rim Temperature	(°C) :			250
Bulb Temperature	(°C) :			400

\* Super imposed pulse type ignitor

**LAMP LIFE :**

Rated average life	** (h) :	24 000 ( 50% survival rate )
T 90	(h) :	16 000 ( 90% survival rate )

\*\* Based on operation on electro-magnetic control gear compatible with IEC 60923

**PHOTOMETRIC DATA :**

Initial Luminous Flux	(lm) :	88 000
Efficiency	(µmol/W) :	1.9
Correlated Colour Temperature	(K) :	1950
Colour Rendering Index	(class) :	4
PAR	(µmol/s) :	1180
Photosynthetic flux	(phyto-lm) :	215 000

**ATTENTION:-** Lamps comply with the requirements of IEC publication 60662. Ballasts and ignitors must comply with IEC 60923 and 60927 respectively. Luminaires must be in accordance with IEC 60598-1 and 60598-2-3. Inspection is in accordance with IEC 60410.  
- Lamps operated on electronic high-frequency control gear are only guaranteed with control gear that has been approved or declared as suitable by Sylvania. Control gear is recommended to have a nominal operating frequency between 120kHz and 140kHz. The lamp power should be regulated between 570W and 630W.

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**DATA SHEET**

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