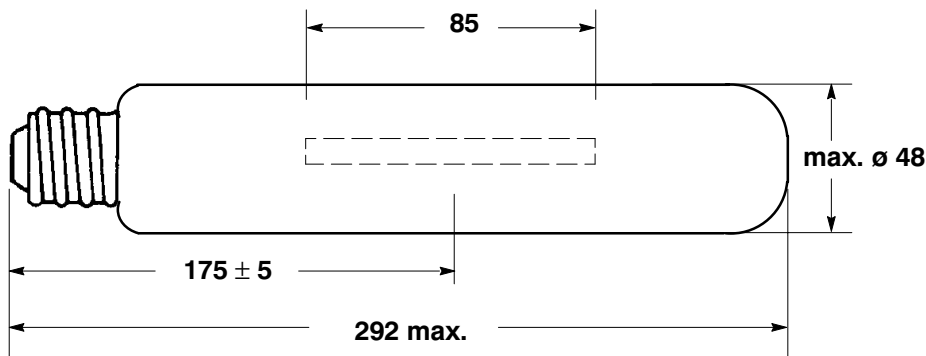


DIMENSIONS (mm)



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

ELECTRICAL DATA:

		NOMINAL VALUE	MIN.	MAX.
Lamp Wattage	(W) :	425		
Lamp Voltage	(V) :	120	105	135
Lamp Current	(A) :	4.0		
Lamp Warm-up current	(A) :		4.0	7.5

OPERATING CONDITIONS:

Burning Position	:	any		
Ballast Type	:	SHP-400W/220V, 240V, 250V		
Voltage/Current ratio	:	39		
Calibration Current	(A) :	4.6		
Supply Voltage	(%) :		92	106
Ignitor Pulse	(kVp) :		3.3	5.0
Compensation Capacitor	(µF) :	45		
Cap Rim Temperature	(°C) :			250
Bulb Temperature	(°C) :			400

LAMP LIFE:

Rated average life*	(h) :	26000 (50% survival rate)
T 90*	(h) :	16000 (90% survival rate)

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

PHOTOMETRIC DATA :

Initial Luminous Flux	(lm) :	58 000
Luminous Efficacy	(lm/W) :	136
Correlated Colour Temperature	(K) :	2050
Colour Rendering Index	(class) :	4
PAR	(µmol/s) :	713
Photosynthetic flux	(phyto-lm) :	128 000

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. Inspection is in accordance with IEC 60410.

Issued by : TIENEN
 Date : 12.01.1997
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DATA SHEET

Specification No. : 45-100-400/J
 Supersedes : 45-100-400/I 26.06.2010
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