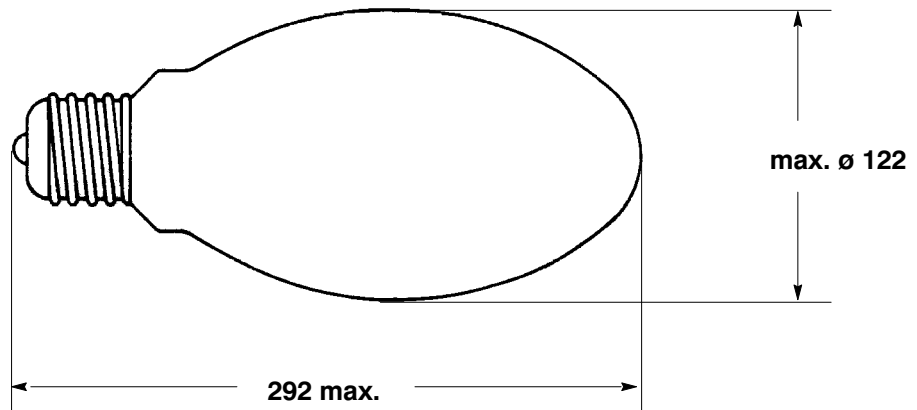
**DIMENSIONS (mm)**

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

ELECTRICAL DATA:

| | | NOMINAL VALUE | MIN. | MAX. |
|----------------------|-------|---------------|------|------|
| Lamp Wattage | (W) : | 410 | | |
| Lamp Voltage | (V) : | 105 | 90 | 120 |
| Lamp Current | (A) : | 4.4 | | |
| Lamp Warm-up current | (A) : | | 4.4 | 7.5 |

OPERATING CONDITIONS:

| | | | | |
|------------------------|---------|---------------------------------|-----|-----|
| Burning Position | : | any | | |
| Ballast Type | : | SHP-400W/220V, 230V, 240V, 250V | | |
| Voltage/Current ratio | : | 39 | | |
| Calibration Current | (A) : | 4.6 | | |
| Supply Voltage | (%) : | | 92 | 106 |
| Ignitor Pulse | (kVp) : | | 3.3 | 5.0 |
| Compensation Capacitor | (mF) : | 45 | | |
| Cap Rim Temperature | (°C) : | | | 250 |
| Bulb Temperature | (°C) : | | | 400 |

LAMP LIFE:

| | | |
|--------------------|-------|------------------------------|
| Rated Average Life | (h) : | 55000 (50 % survival rate) |
| T 90 | (h) : | 24000 (90 % survival rate) |

PHOTOMETRIC DATA :

| | | |
|-------------------------------|-----------|-------|
| Initial Luminous Flux | (lm) : | 52500 |
| Luminous Efficacy | (lm/W) : | 128 |
| Correlated Colour Temperature | (K) : | 2050 |
| Colour Rendering Index | (class) : | 4 |

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.

Issued by : TIENEN
Date : 24.02.1994
Revision date : 21.04.2009

DATA SHEET

Specification No. : 45-09-400/F
Supersedes : 45-09-400/E 01.10.2007
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