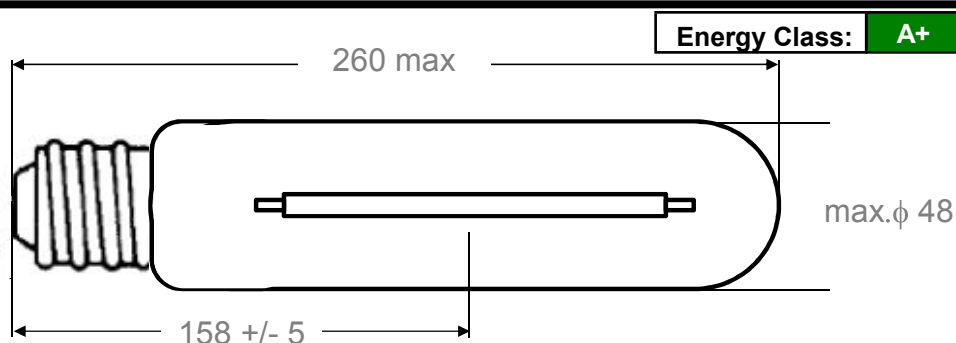


DIMENSIONS (mm)



Mercury Content : 8 mg
 Cap : E40 (IEC 60061-1)
 Bulb : Hard glass

	RATED	MIN.	MAX.
ELECTRICAL DATA*:			
Lamp wattage (W _{r.m.s.}) :	265		
Lamp voltage (V _{r.m.s.}) :	115	100	130
Lamp current (A _{r.m.s.}) :	2.6		
Lamp warm-up current (A _{r.m.s.}) :		2.95	5.2

OPERATING CONDITIONS:

Burning position	:	any		
Ballast type	:	Metal Halide/High Pressure Sodium choke ballast rated for 250W, 3 A		
Voltage/Current ratio	:	60		
Calibration Current (A)	:	3.0		
Supply Voltage (%)	:		92	106
Ignitor Pulse (KV)	:		3.3	5.0
Compensation Capacitor (µF)	:	40		
Cap Rim Temperature (°C)	:			250
Bulb Temperature (°C)	:			400

LAMP LIFE:

Rated average life ** (h)	:	26000
Life to 10% failures (h)	:	12000

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

PHOTOMETRIC DATA*:

Initial luminous Flux (lm)	:	34000
Luminous efficacy (lm/W)	:	128
Correlated colour temp. (K)	:	2050
Colour rendering index	:	20
Photo-active Radiation PAR (µmol/s)	:	425
Photosynthetic Flux (phyto-lm)	:	75500

* Data for horizontal burning position after 100 h ageing at 220V reference ballast

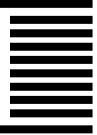
APPLICATION

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 60958-2. Inspection is in accordance with IEC 60410.

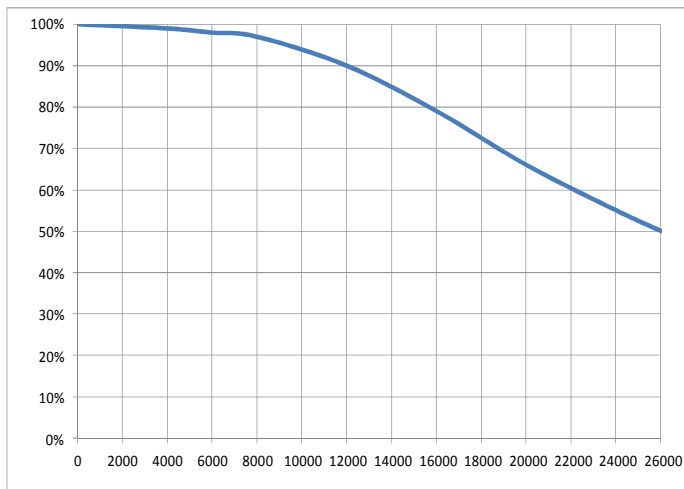
Issued by : TIENEN
 Date : 29.10.2009
 Revision date : 10.07.2018

DATA SHEET

Specification N° : 45\100\250 / D
 Supersedes : 45\100\250/C
 Page 1 of 1

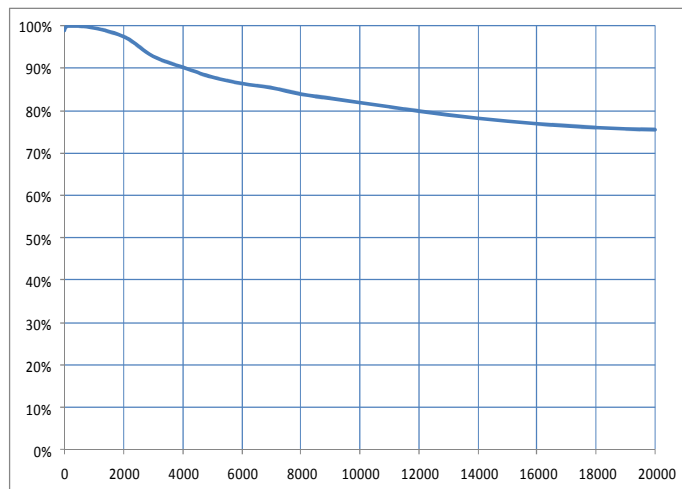


Survival Rate



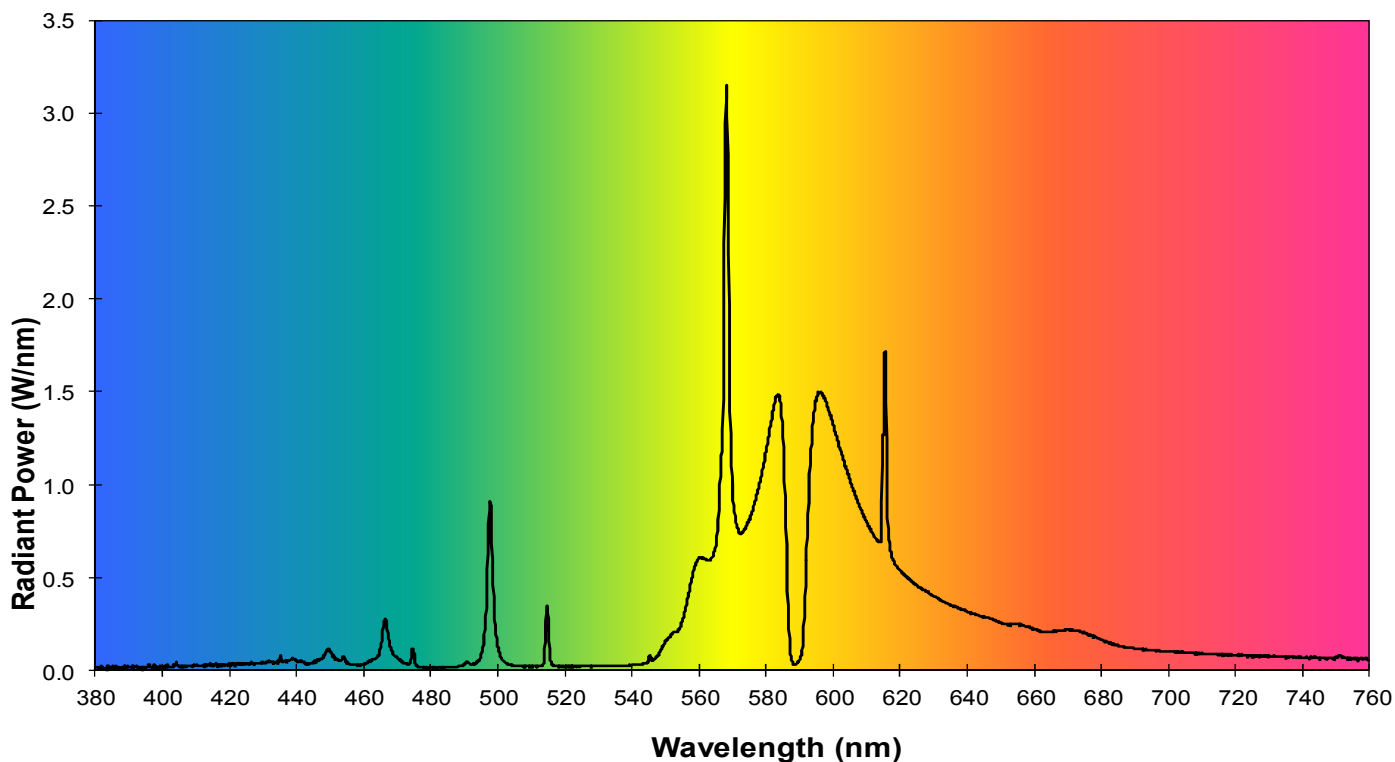
2000h	4000h	6000h	8000h	12000h	16000h	20000h
1.00	0.99	0.98	0.97	0.90	0.79	0.66

Lumen Maintenance



2000h	4000h	6000h	8000h	12000h	16000h	20000h
0.97	0.90	0.87	0.84	0.80	0.77	0.76

Spectrum



Issued by : TIENEN
 Date : 29.10.2009
 Revision date : 10.07.2018

DATA SHEET

Specification N° : 45\100\250 / D
 Supersedes : 45\100\250/C
 Page 1 of 1