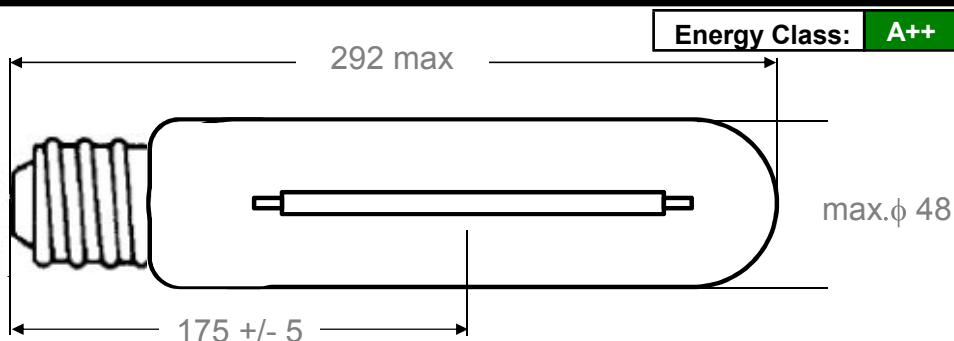


DIMENSIONS (mm)



Mercury Content : 22.5 mg
 Cap : E40 (IEC 60061-1)
 Bulb : Hard glass

		RATED	MIN.	MAX.
ELECTRICAL DATA*:				
Lamp wattage	(W _{r.m.s.}) :	620		
Lamp voltage	(V _{r.m.s.}) :	200	185	215
Lamp current	(A _{r.m.s.}) :	3.5		
Lamp warm-up current	(A _{r.m.s.}) :			7.0

OPERATING CONDITIONS:

Burning position	:	any		
Ballast type	:	Metal Halide/High Pressure Sodium choke ballast rated for 600W, 3.6 A		
Voltage/Current ratio	:	u.c.		
Calibration Current (A)	:	u.c.		
Supply Voltage (%)	:		92	106
Ignitor Pulse (KV)	:		4.0	5.0
Compensation Capacitor (µF)	:	20		
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)	:	88000
Luminous efficacy	(lm/W)	:	142
Correlated colour temp.	(K)	:	1950
Colour rendering index		:	20
Photo-active Radiation PAR	(µmol/s)	:	1180
Photosynthetic Flux	(phyto-lm)	:	215000

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

APPLICATION

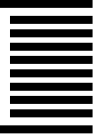
Lamps comply with the requirements of IEC publication 60662. Ballasts and ignitors must comply with IEC 60923 and 60927 respectively. Luminaires must be in accordance with IEC 60598-1 and 60958-2. Inspection is in accordance with IEC 60410.

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 nominal operating frequency between 120kHz and 140kHz. The lamp power should be regulated between 570W and 630W.

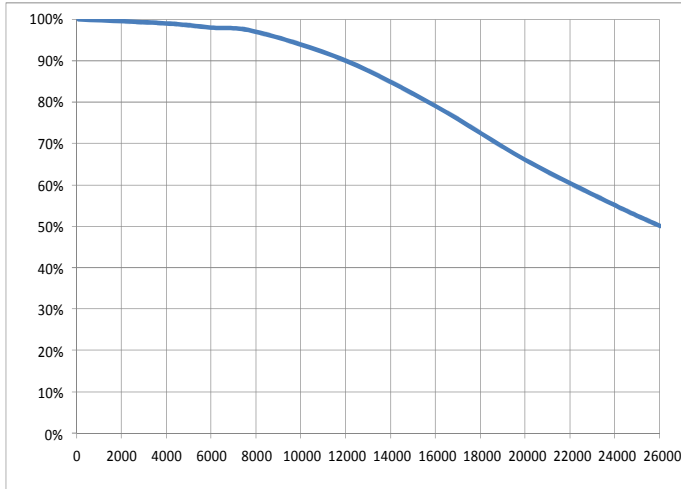
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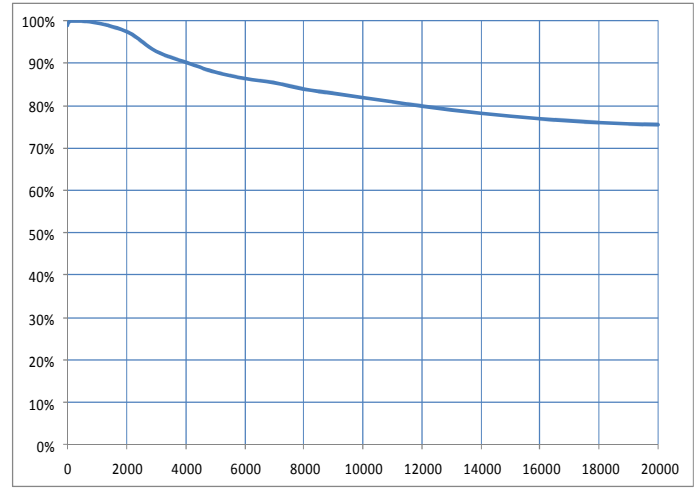


Survival Rate



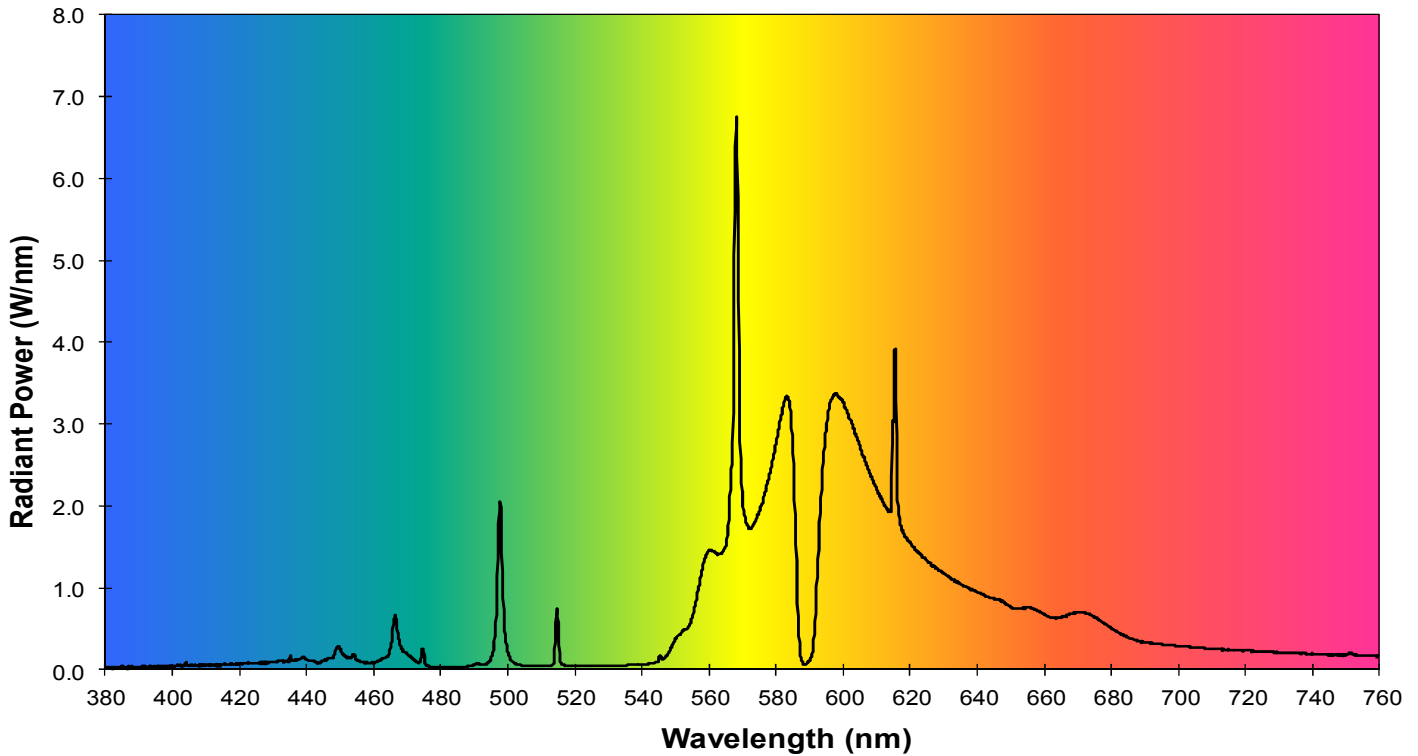
2000h	4000h	6000h	8000h	12000h	16000h	20000h
1.00	0.99	0.98	0.97	0.90	0.79	0.66

Lumen Maintenance



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

Spectrum



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