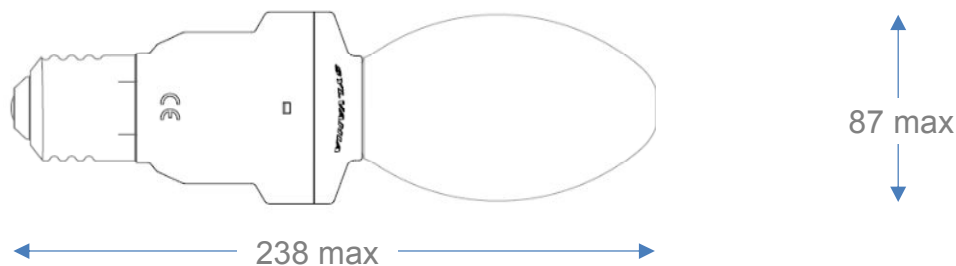


DIMENSIONS (mm)

Energy Class: **A+**



Mercury Content : 11.0 mg

Cap : E40 (IEC 60061-1)

Bulb : hard glass

	RATED	MIN.	MAX.
ELECTRICAL DATA*:			
Lamp wattage	(W _{r.m.s.}) : 150		
Lamp voltage	(V _{r.m.s.}) : 100	90	110
Lamp current	(A _{r.m.s.}) : 2.25		
Lamp warm-up current	(A _{r.m.s.}) :		4.3
Lamp inrush current	(A _{peak}) :		43

OPERATING CONDITIONS:

Burning position	:	Universal
Fixture type	:	Open and Closed
Ballast type	:	Electromagnetic High Pressure Mercury ballast rated for 250 W, 2.15 A
Housing temperature	(°C) :	180
Bulb temperature	(°C) :	400
Adjacent to cap temperature	(°C) :	110

LAMP LIFE:

Rated average life	(h) :	22000
Life to 10% failures	(h) :	12000

PHOTOMETRIC DATA*:

Initial luminous Flux	(lm) :	14000
Luminous efficacy	(lm/W) :	93
Correlated colour temp.	(K) :	3000
Colour rendering index	:	84
Chromaticity co-ordinates	:	CCx=0.44 CCy=0.40

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

APPLICATION Lamps must comply with the safety requirements of IEC publication 60188. Ballasts and luminaires must comply with IEC 60262 and IEC 60598-1 respectively. Inspection is in accordance with IEC 60410. Lamps should not be operated with a broken or absent outer envelope.

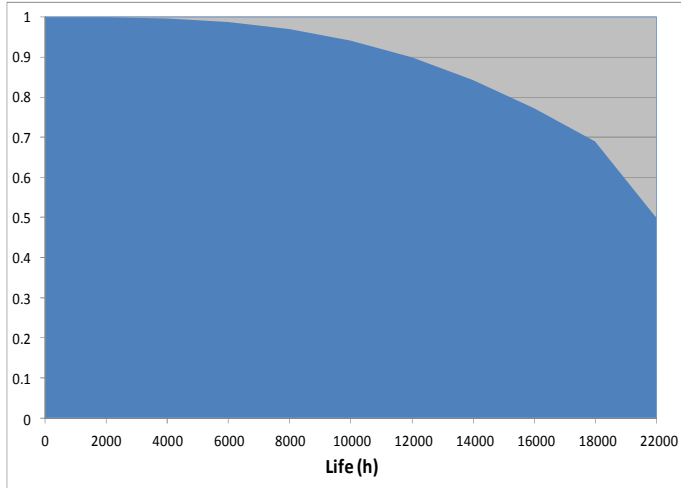
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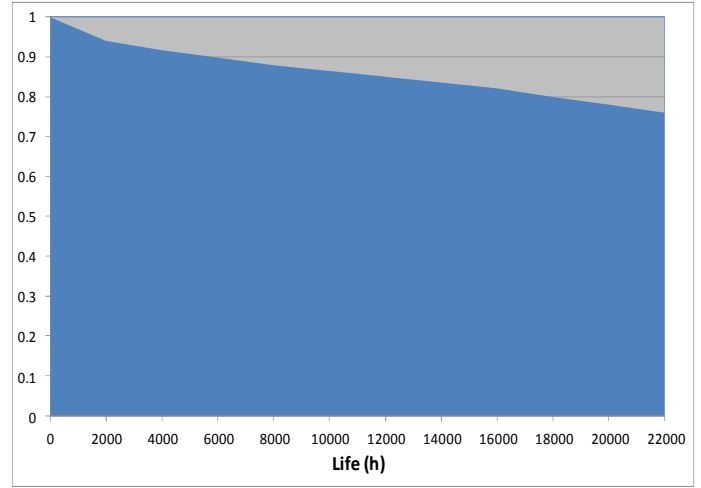


Survival Rate



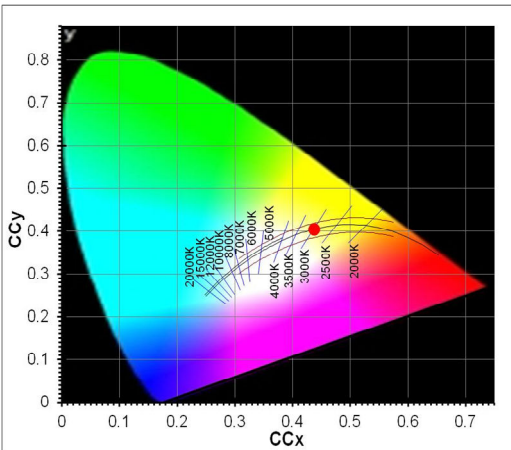
2000h	4000h	6000h	8000h	12000h	16000h	20000h
1.00	1.00	0.99	0.97	0.90	0.77	0.69

Lumen Maintenance

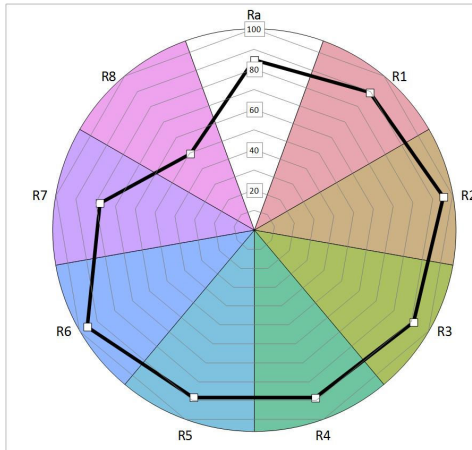


2000h	4000h	6000h	8000h	12000h	16000h	20000h
0.94	0.92	0.90	0.88	0.85	0.82	0.80

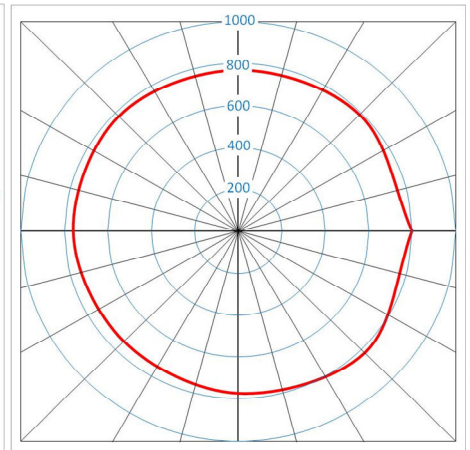
Chromaticity Point



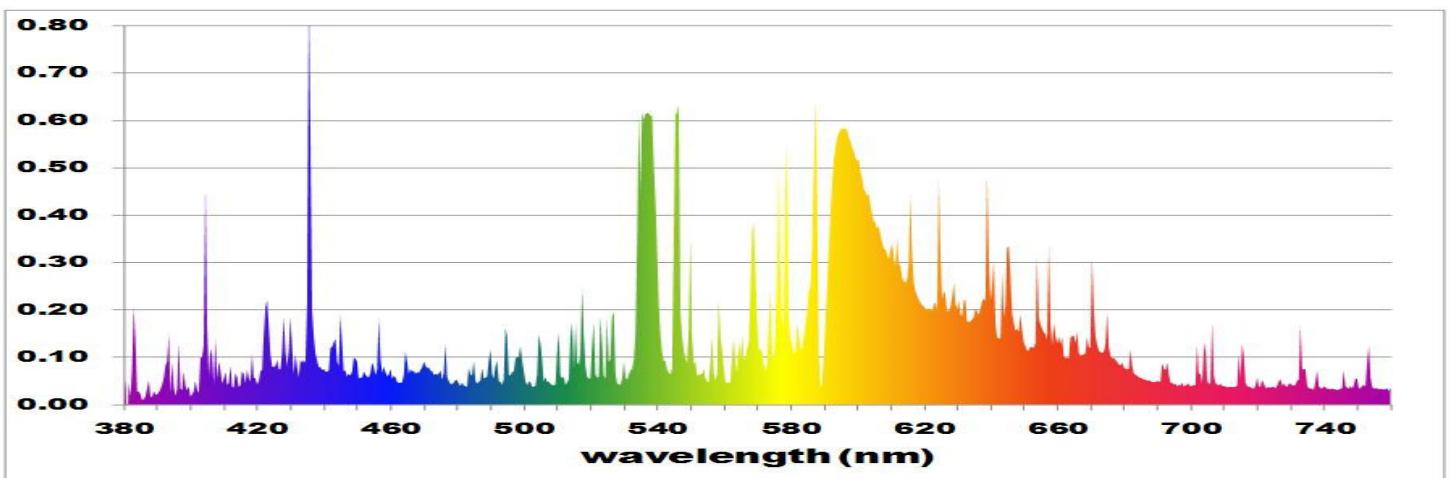
Colour Rendering



Polar Diagram ($\gamma=90^\circ$)



Lamp Spectrum



DIMMING CONDITIONS

No dimming allowed.

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