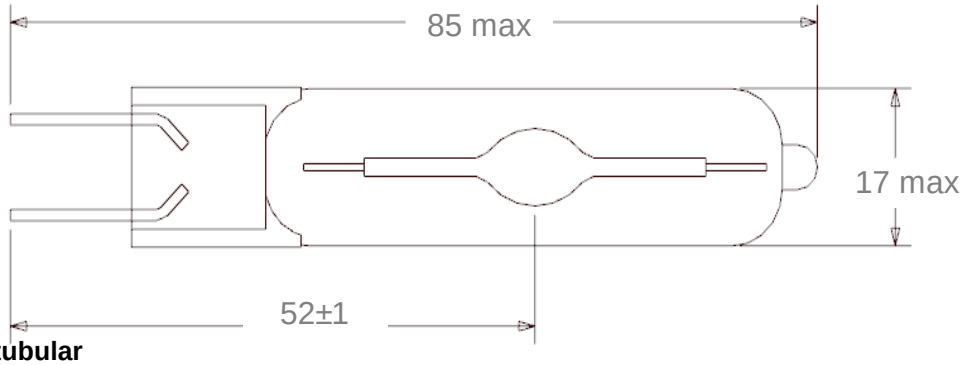
METAL HALIDE LAMP — Superia CMI-TC 70W WDL/UVS

DIMENSIONS (mm)



Mercury Content : 4.6 mg
Cap : G8.5 (IEC 60061-1)
Bulb : UV-stop quartz glass clear, tubular

		Magnetic Gear			Electronic Gear		
		NOM.	MIN.	MAX.	NOM.	MIN.	MAX.
ELECTRICAL DATA:							
Lamp wattage	(W r.m.s.)	67			70		
Lamp voltage	(V r.m.s.)	85	75	95	80	70	90
Lamp current	(A r.m.s.)	0.99			0.88		
Lamp warm-up current	(A r.m.s.)		0.98	1.96		0.86	1.72
Lamp inrush current	(A peak)			19.6			
OPERATING CONDITIONS:							
Burning position		universal			universal		
Fixture type		closed with protective front glass			closed with protective front glass		
Ballast type		Metal Halide/High Pressure Sodium choke ballast rated for 70 W, .98 A			Electronic LFSW ballast for 70 W		
Ignitor pulse height	(kV peak)		3.0	5.0		3.0	5.0
Ignitor pulse width at 90% peak	(µs/s)		100			100	
Pinch temperature	(℃)			300			300
Bulb temperature	(℃)			500			500
Adjacent to cap temperature	(℃)						-
LAMP LIFE:							
Rated average life	(h)	18000			18000		
Life to 10% failures	(h)	10000			10000		
PHOTOMETRIC DATA*:							
Initial luminous Flux	(lm)	7000			7300		
Luminous efficacy	(lm/W)	104			104		
Correlated colour temp.	(K)	3000			3000		
Colour rendering index		89			90		
Colour point (x,y)		(.343,.398)			(.343, .398)		

* Data for vertical burning position after 100 h ageing

APPLICATION Lamps comply with the requirements of IEC publications 61167, 62035 and 62471. Electromagnetic ballasts must comply with IEC 60923 and electronic ballasts with IEC 61167, annex G. Ignitors used must be in accordance with IEC 60927 and luminaires with IEC 60598-1. Lamp inspection is performed in accordance with IEC 60410. The luminaire must be provided with a safety screen (shattering and UV). Because of a possible risk of abnormal operation at the end of life, thermally protected balalsts must be used.

Issued by : TIENEN
Date : 31.03.2011
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DATA SHEET

Specification N° : 43\70\76 /C
Supersedes : 43\70\76/B

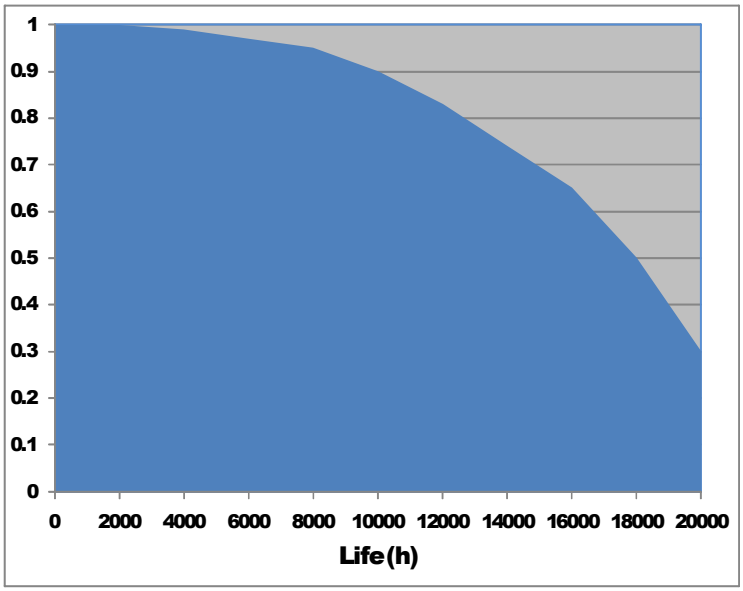
Havells-Sylvania reserves the right to change data and specifications without notice.
Data for guidance only.

SYLVANIA

METAL HALIDE LAMP

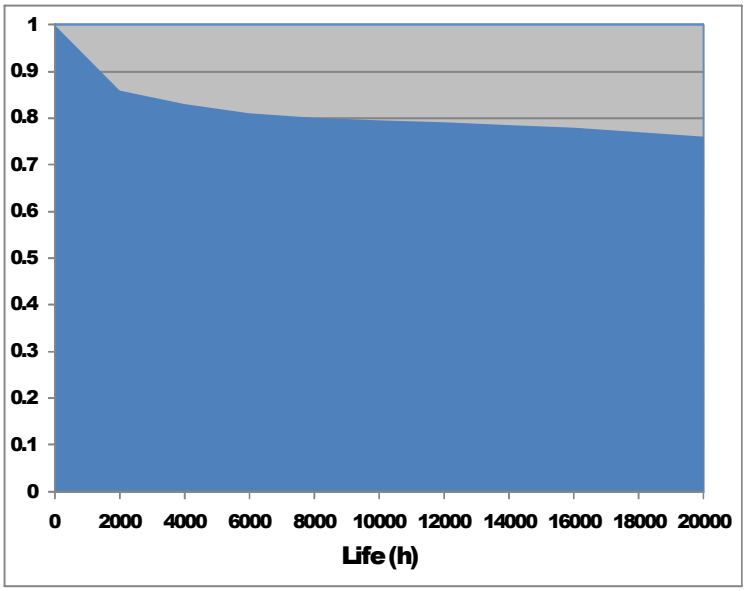
Superia CMI-TC 70W WDL/UVS

SURVIVAL RATE



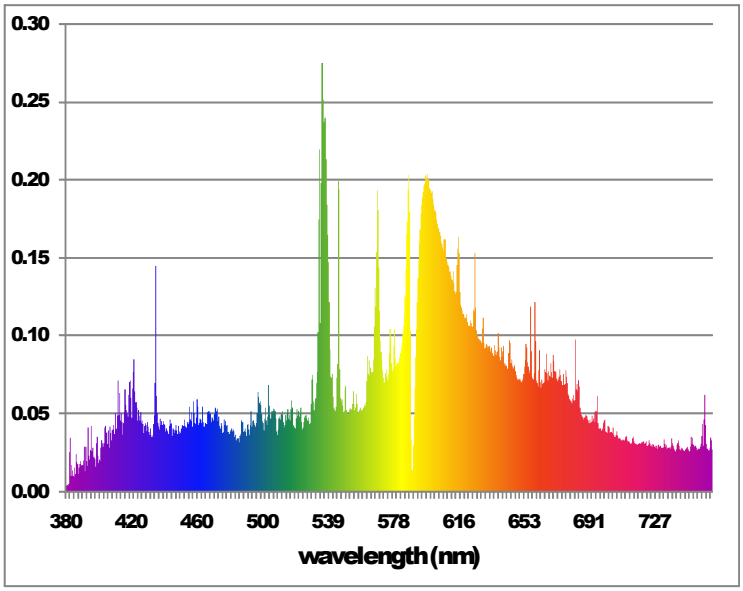
2000h	4000h	6000h	8000h	12000h	16000h
1.00	0.99	0.97	0.95	0.83	0.65

LUMEN MAINTENANCE

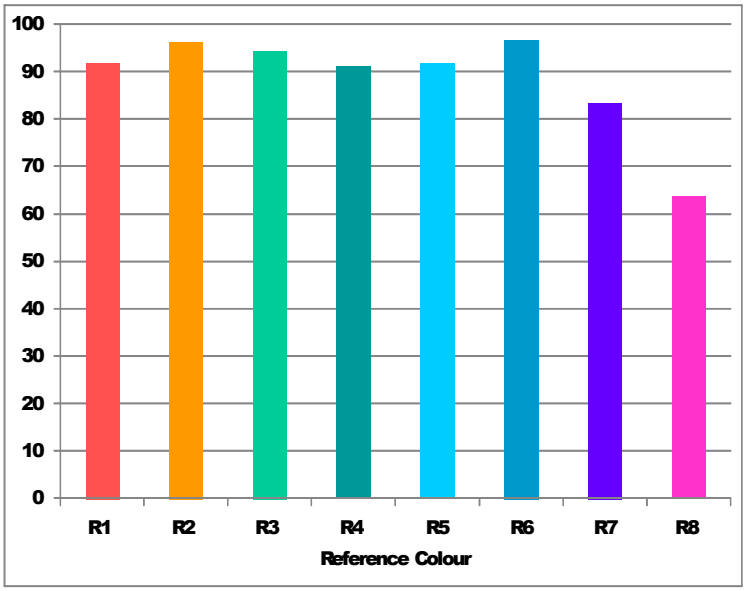


2000h	4000h	6000h	8000h	12000h	16000h
0.86	0.83	0.81	0.80	0.79	0.78

LAMP SPECTRUM



COLOUR RENDERING



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