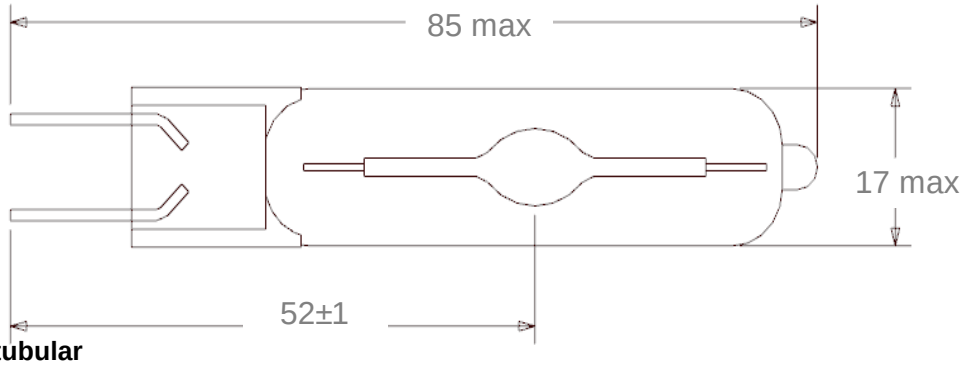
METAL HALIDE LAMP — Superia CMI-TC 70W NDL/UVS

DIMENSIONS (mm)



Mercury Content : 2.5 mg
Cap : G8.5 (IEC 60061-1)
Bulb : UV-stop quartz glass clear, tubular

		Magnetic Gear NOM.	Magnetic Gear MIN.	Magnetic Gear MAX.	Electronic Gear NOM.	Electronic Gear MIN.	Electronic Gear MAX.
ELECTRICAL DATA:							
Lamp wattage	(W r.m.s.)	-			70		
Lamp voltage	(V r.m.s.)	-			85	75	95
Lamp current	(A r.m.s.)	-			0.85		
Lamp warm-up current	(A r.m.s.)					0.86	1.72
Lamp inrush current	(A peak)						
OPERATING CONDITIONS:		Operation on LFSW electronic ballast only					
Burning position		-			universal		
Fixture type		-			closed with protective front shield		
Ballast type		-			Electronic LFSW ballast for 70 W		
Ignitor pulse height	(kV peak)					3.0	5.0
Ignitor pulse width at 90% peak	(µs/s)		-			100	
Pinch temperature	(℃)			-			300
Bulb temperature	(℃)			-			500
Adjacent to cap temperature	(℃)			-			-
LAMP LIFE:							
Rated average life	(h)	-			15000		
Life to 10% failures	(h)	-			9000		
PHOTOMETRIC DATA*:							
Initial luminous Flux	(lm)				7300		
Luminous efficacy	(lm/W)				104		
Correlated colour temp.	(K)				4200		
Colour rendering index					96		
Colour point (x,y)		-			(.371, .366)		

*** Data for ageing vertical burning position after 100 h**

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 : 05.05.2011
Revision date : 13.02.2013

DATA SHEET

Specification N° : 43\70\83 /C
Supersedes : 43\70\83/B

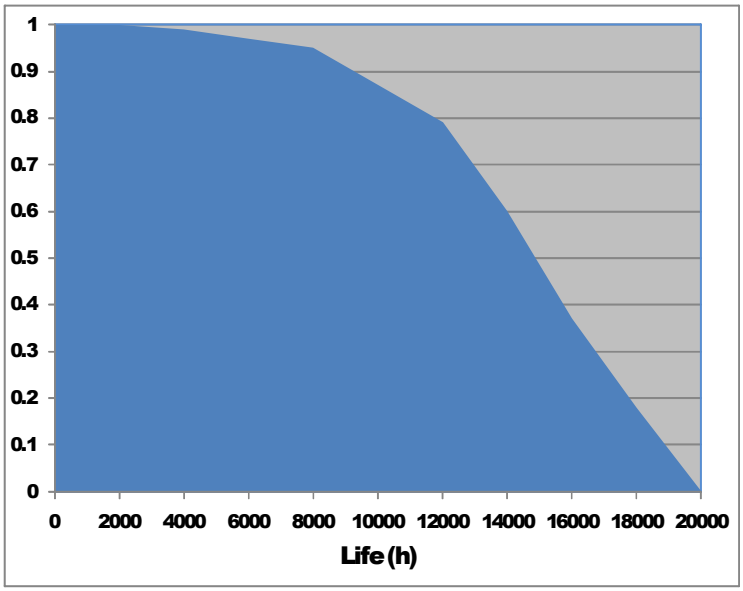
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Data for guidance only.

SYLVANIA

METAL HALIDE LAMP

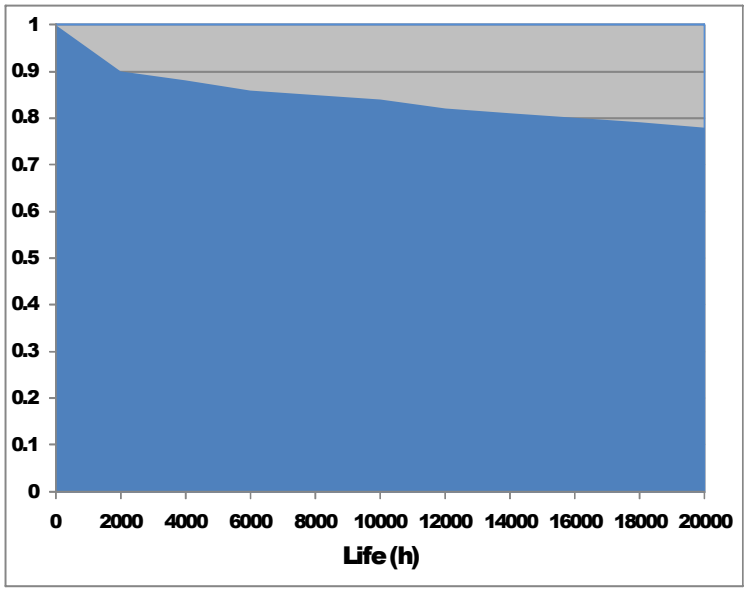
Superia CMI-TC 70W NDL/UVS

SURVIVAL RATE



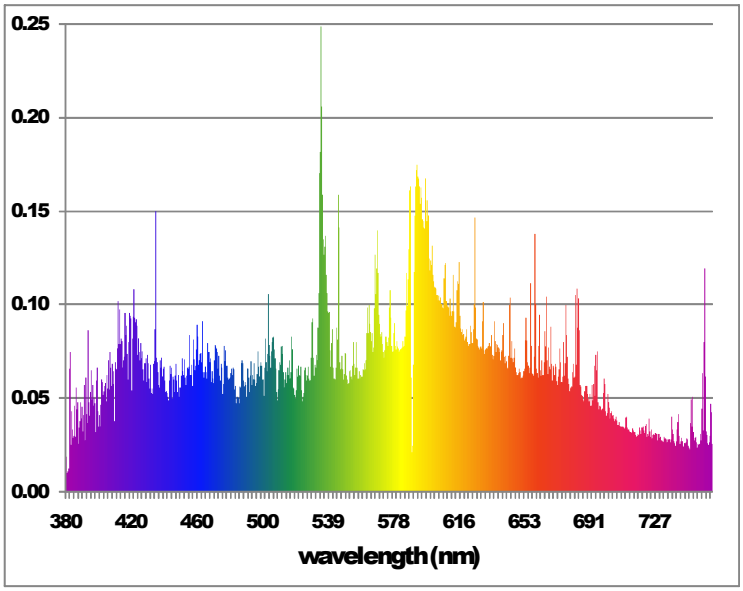
2000h	4000h	6000h	8000h	12000h	16000h
1.00	0.99	0.97	0.95	0.79	0.37

LUMEN MAINTENANCE

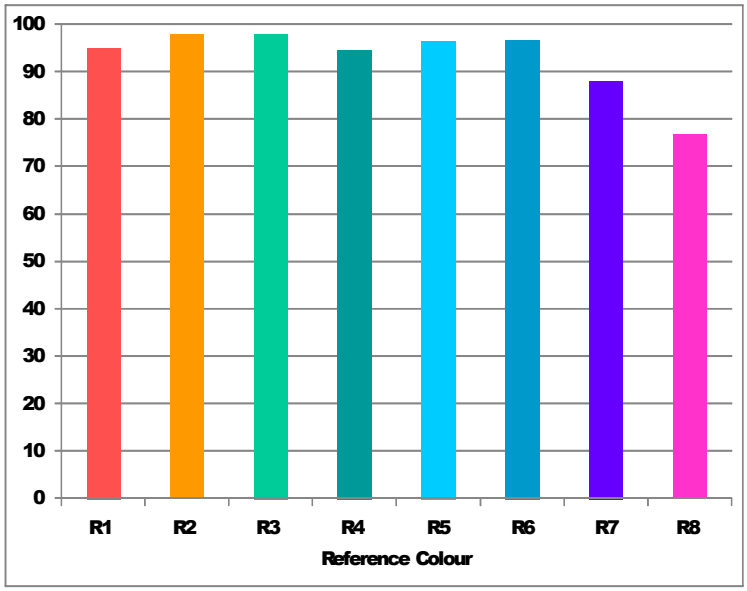


2000h	4000h	6000h	8000h	12000h	16000h
0.90	0.88	0.86	0.85	0.82	0.80

LAMP SPECTRUM



COLOUR RENDERING



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