

TECHNICAL INFORMATION BULLETIN

EYE Cera Arc EX T Ignitron

LAMP TYPE : Ceramic Metal Halide Lamp
CMT70/EX/U-I

PERFORMANCE DATA

Initial luminous flux at rated wattage after 100h burning	(lm)	:	7,700
Lamp lumen efficacy	(lm/W)	:	110
Rated average life	(h)	:	18,000
Warm up time	(min)	:	4
Restarting time	(min)	:	15 max.
Correlated colour temperature	(K)	:	3,500
CIE chromaticity	x	:	0.41
	y	:	0.41
Colour rendering index	(Ra)	:	75
Burning position		:	Any
Survival factor at 2,000h	(%)	:	99
4,000h	(%)	:	97
6,000h	(%)	:	94
8,000h	(%)	:	89
12,000h	(%)	:	78
16,000h	(%)	:	60
Lumen Maintenance factor at 2,000h	(%)	:	92
4,000h	(%)	:	90
6,000h	(%)	:	89
8,000h	(%)	:	88
12,000h	(%)	:	85
16,000h	(%)	:	82
Energy Efficiency Label		:	A+
Weighted Energy consumption (kWh/1000h)		:	77

Lamp wattage (Nominal)

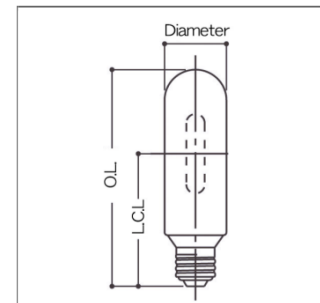
Lamp wattage (Nominal)	(W)	:	70
Lamp wattage (Rated)	(W)	:	70
Lamp voltage	(V)	:	85
Lamp current	(A)	:	0.98

BALLAST AND IGNITOR INFORMATION

Compatible ballast	:	IEC 60662 (HPSL-70W)
Ignitor	:	Not Required

PHYSICAL DESCRIPTION


Base designation	:	E27
Bulb designation	:	T30 (30mm Dia.)
Bulb material	:	Hard glass
Bulb finish	:	Clear (UV-cut coating)
Arc tube material	:	Alumina
Mercury(Hg) content	(mg)	: 11.5
Overall length	(mm)	: 145 max.
Light centre length (Nominal)	(mm)	: 102
Effective arc length (Nominal)	(mm)	: 8




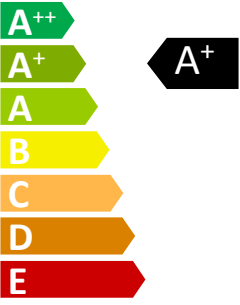
LUMINAIRE DESIGN REQUIREMENTS

Bulb Temp. limit	(°C)	:	400
Base Temp. limit	(°C)	:	190
open / enclosed		:	Enclosed fixture required

Notes: The maximum wiring distance between the ballast and the lamp should be within 1m.

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77 kWh/1000h