

# TECHNICAL INFORMATION BULLETIN

## EYE Cera Arc TC

**LAMP TYPE** : Ceramic Metal Halide Lamp  
CMT70/W/SH/G8.5

### PERFORMANCE DATA

Initial luminous flux at rated wattage after 100h burning	(lm)	:	7,500
Lamp lumen efficacy	(lm/W)	:	103
Rated average life	(h)	:	15,000
Warm up time	(min)	:	4
Restarting time	(min)	:	15 max.
Correlated colour temperature	(K)	:	4,200
CIE chromaticity	x	:	0.37
	y	:	0.37
Colour rendering index	(Ra)	:	94
Burning position		:	Any
Survival factor at 2,000h	(%)	:	99
4,000h	(%)	:	95
6,000h	(%)	:	91
8,000h	(%)	:	85
12,000h	(%)	:	68
Lumen Maintenance factor at 2,000h	(%)	:	83
4,000h	(%)	:	78
6,000h	(%)	:	75
8,000h	(%)	:	73
12,000h	(%)	:	71
Energy Efficiency Label		:	A+
Weighted Energy consumption (kWh/1000h)		:	80

### Lamp wattage (Nominal)

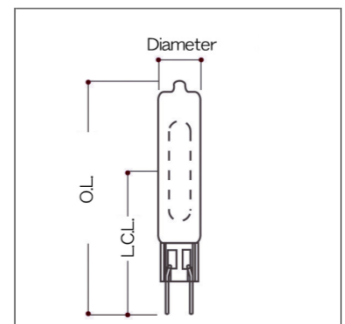
Lamp wattage (Nominal)	(W)	:	70
Lamp wattage (Rated)	(W)	:	73
Lamp voltage	(V)	:	85
Lamp current	(A)	:	0.86

### BALLAST AND IGNITOR INFORMATION

Compatible ballast : IWASAKI Specified


### PHYSICAL DESCRIPTION


Base designation		:	G8.5
Bulb designation		:	T19 (19mm dia.)
Bulb material		:	Quartz glass
Bulb finish		:	Clear (UV-cut coating)
Arc tube material		:	Alumina
Mercury(Hg) content	(mg)	:	5.4
Overall length	(mm)	:	85 max.
Light centre length (Nominal)	(mm)	:	56
Effective arc length (Nominal)	(mm)	:	6

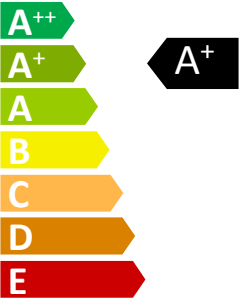


### LUMINAIRE DESIGN REQUIREMENTS

Bulb Temp. limit	( °C)	:	500
Pinch Temp. limit	( °C)	:	280
open / enclosed		:	Enclosed fixture required

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 **IWASAKI** CMT70/W/SH/G8.5



**80.3** kWh/1000h