

TECHNICAL INFORMATION BULLETIN

EYE Cera Arc 2800K T

LAMP TYPE : Ceramic Metal Halide Lamp
CMT70/LW928/G12

PERFORMANCE DATA

Initial luminous flux at rated wattage after 100h burning	(lm)	:	6,600
Lamp lumen efficacy	(lm/W)	:	90
Rated average life	(h)	:	12,000
Warm up time	(min)	:	4
Restarting time	(min)	:	15 max.
Correlated colour temperature	(K)	:	2,800
CIE chromaticity	x	:	0.45
	y	:	0.40
Colour rendering index	(Ra)	:	92
Burning position		:	Any
Survival factor at 2,000h	(%)	:	98
4,000h	(%)	:	94
6,000h	(%)	:	87
8,000h	(%)	:	78
12,000h	(%)	:	50
Lumen Maintenance factor at 2,000h	(%)	:	81
4,000h	(%)	:	76
6,000h	(%)	:	74
8,000h	(%)	:	72
12,000h	(%)	:	70
Energy Efficiency Label		:	A+
Weighted Energy consumption (kWh/1000h)		:	80

Lamp wattage (Nominal)

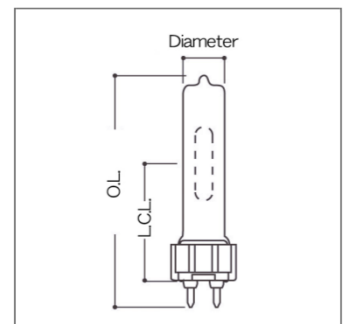
Lamp wattage (Nominal)	(W)	:	70
Lamp wattage (Rated)	(W)	:	73
Lamp voltage	(V)	:	85
Lamp current	(A)	:	0.86

BALLAST AND IGNITOR INFORMATION

Compatible ballast : IWASAKI Specified


PHYSICAL DESCRIPTION


Base designation		:	G12
Bulb designation		:	T19 (19mm dia.)
Bulb material		:	Quartz glass
Bulb finish		:	Clear (UV-cut coating)
Arc tube material		:	Alumina
Mercury(Hg) content	(mg)	:	6.8
Overall length	(mm)	:	103 max.
Light centre length (Nominal)	(mm)	:	56
Effective arc length (Nominal)	(mm)	:	6

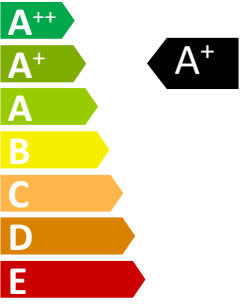


LUMINAIRE DESIGN REQUIREMENTS

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

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 **IWASAKI** CMT70/LW928/G12



80.3 kWh/1000h