

TECHNICAL INFORMATION BULLETIN

EYE Cera Arc 2500K TP

LAMP TYPE : Ceramic Metal Halide Lamp
CMT150/LW925

PERFORMANCE DATA

Initial luminous flux at rated wattage after 100h burning	(lm)	:	12,000
Lamp lumen efficacy	(lm/W)	:	80
Rated average life	(h)	:	20,000
Warm up time	(min)	:	10
Restarting time	(min)	:	15 max.
Correlated colour temperature	(K)	:	2,500
CIE chromaticity	x	:	0.47
	y	:	0.41
Colour rendering index	(Ra)	:	93
Burning position		:	Any
Survival factor at 2,000h	(%)	:	99
4,000h	(%)	:	97
6,000h	(%)	:	95
8,000h	(%)	:	91
12,000h	(%)	:	82
16,000h	(%)	:	68
20,000h	(%)	:	50
Lumen Maintenance factor at 2,000h	(%)	:	86
4,000h	(%)	:	80
6,000h	(%)	:	78
8,000h	(%)	:	75
12,000h	(%)	:	73
16,000h	(%)	:	71
20,000h	(%)	:	70
Energy Efficiency Label		:	A
Weighted Energy consumption (kWh/1000h)		:	165

Lamp wattage (Nominal)

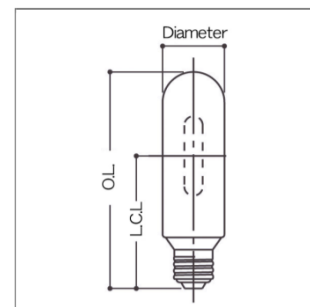
Lamp wattage (Nominal)	(W)	:	150
Lamp wattage (Rated)	(W)	:	150
Lamp voltage	(V)	:	90
Lamp current	(A)	:	1.67

BALLAST AND IGNITOR INFORMATION

Compatible ballast	:	IWASAKI Specified
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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)	15.5
Overall length	(mm)	145 max.
Light centre length (Nominal)	(mm)	97
Effective arc length (Nominal)	(mm)	10



LUMINAIRE DESIGN REQUIREMENTS

Bulb Temp. limit	(°C)	:	430
Base Temp. limit	(°C)	:	230
open / enclosed		:	Open fixture permissible

