

# TECHNICAL INFORMATION BULLETIN

## EYE FEC Cera Arc Ace EX2 T

LAMP TYPE : Ceramic Metal Halide Lamp  
CMT660LS/EX2/HOR

### PERFORMANCE DATA

Initial luminous flux at rated wattage after 100h burning	(lm)	:	65,000
Lamp lumen efficacy	(lm/W)	:	98
Rated average life	(h)	:	20,000
Warm up time	(min)	:	4
Restarting time	(min)	:	30 max.
Correlated colour temperature	(K)	:	4,100
CIE chromaticity	x	:	0.38
	y	:	0.38
Colour rendering index	(Ra)	:	80
Burning position		:	BH $\pm 60^\circ$
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	(%)	:	87
4,000h	(%)	:	85
6,000h	(%)	:	84
8,000h	(%)	:	83
12,000h	(%)	:	82
16,000h	(%)	:	81
20,000h	(%)	:	80
Energy Efficiency Label		:	A+
Weighted Energy consumption (kWh/1000h)		:	726

### Lamp wattage (Nominal)

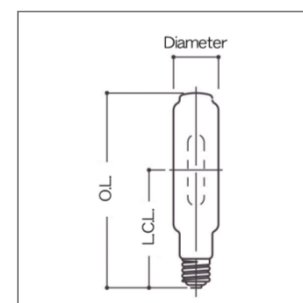
Lamp wattage (Nominal)	(W)	:	660
Lamp wattage (Rated)	(W)	:	660
Lamp voltage	(V)	:	140
Lamp current	(A)	:	5.40

### BALLAST AND IGNITOR INFORMATION

Compatible ballast	:	IEC 60188 (MVL-700W)
Ignitor	:	Not Required


### PHYSICAL DESCRIPTION


Base designation	:	E40
Bulb designation	:	T67 (67mm dia.)
Bulb material	:	Hard Glass
Bulb finish	:	Clear (UV-cut coating)
Arc tube material	:	Alumina
Mercury(Hg) content	(mg)	110.0
Overall length	(mm)	382 max.
Light centre length (Nominal)	(mm)	240
Effective arc length (Nominal)	(mm)	30

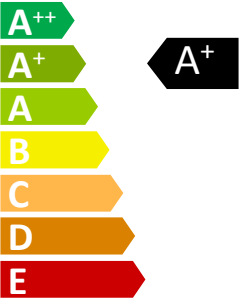


### LUMINAIRE DESIGN REQUIREMENTS

Bulb Temp. limit	( $^\circ\text{C}$ )	:	400
Base Temp. limit	( $^\circ\text{C}$ )	:	250
open / enclosed		:	Enclosed fixture required

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 **IWASAKI** CMT660LS/EX2/HOR



**A<sup>++</sup>**  
**A<sup>+</sup>**  
**A**  
**B**  
**C**  
**D**  
**E**

**726** kWh/1000h