

TECHNICAL INFORMATION BULLETIN

EYE FEC Cera Arc Ace PRO2 BT

LAMP TYPE : Ceramic Metal Halide Lamp
CM660FLS/PRO2/BU

PERFORMANCE DATA

Initial luminous flux at rated wattage after 100h burning	(lm)	:	71,300
Lamp lumen efficacy	(lm/W)	:	108
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)	:	85
Burning position		:	BU $\pm 15^\circ$
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	(%)	:	88
4,000h	(%)	:	84
6,000h	(%)	:	82
8,000h	(%)	:	81
12,000h	(%)	:	78
16,000h	(%)	:	77
20,000h	(%)	:	75
Energy Efficiency Label		:	A+
Weighted Energy consumption (kWh/1000h)		:	726

Lamp wattage (Nominal)

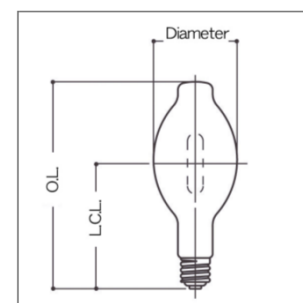
Lamp wattage (Nominal)	(W)	:	660
Lamp wattage (Rated)	(W)	:	660
Lamp voltage	(V)	:	140
Lamp current	(A)	:	5.40

BALLAST AND IGNITOR INFORMATION

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

PHYSICAL DESCRIPTION

Base designation	:	E40
Bulb designation	:	BT150 (150mm dia.)
Bulb material	:	Hard Glass
Bulb finish	:	Diffuse (UV-cut coating)
Arc tube material	:	Alumina
Mercury(Hg) content	(mg)	: 88.0
Overall length	(mm)	: 375 max.
Light centre length (Nominal)	(mm)	: -
Effective arc length (Nominal)	(mm)	: -



LUMINAIRE DESIGN REQUIREMENTS

Bulb Temp. limit	($^{\circ}$ C)	:	400
Base Temp. limit	($^{\circ}$ C)	:	210
open / enclosed		:	Open fixture permissible

ENERG Y IJA
IE IA
енергия · ενεργεια

STB IWASAKI CM660FLS/PROZ/BU

A++
A+
A
B
C
D
E

726 kWh/1000h

The image shows a standard European energy label. It features a vertical scale of energy efficiency classes from A++ (top, dark green) to E (bottom, red). A black arrow points to the A+ class, indicating the product's energy efficiency. Below the scale, the energy consumption is listed as 726 kWh/1000h. The label includes the 'ENERG' logo with the European Union flag, the manufacturer name 'IWASAKI' with its logo, and the model number 'CM660FLS/PROZ/BU'.