

TECHNICAL INFORMATION BULLETIN

EYE Multi-Hi-Ace

**LAMP TYPE : Metal Halide Lamp
MF1000LE/BUH**

PERFORMANCE DATA

Initial luminous flux at rated wattage after 100h burning	(lm)	:	87,000
Lamp lumen efficacy	(lm/W)	:	83
Rated average life	(h)	:	9,000
Warm up time	(min)	:	4
Restarting time	(min)	:	15
Correlated colour temperature	(K)	:	3,800
CIE chromaticity	x	:	0.39
	y	:	0.40
Colour rendering index	(Ra)	:	70
Burning position		:	BUH $\pm 105^\circ$
Survival factor at 2,000h	(%)	:	97
4,000h	(%)	:	89
6,000h	(%)	:	78
8,000h	(%)	:	60
Lumen Maintenance factor at 2,000h	(%)	:	77
4,000h	(%)	:	64
6,000h	(%)	:	56
8,000h	(%)	:	51
Energy Efficiency Label		:	A+
Weighted Energy consumption (kWh/1000h)		:	1100

Lamp wattage (Nominal)

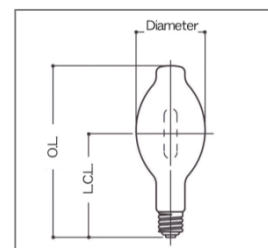
Lamp wattage (Nominal)	(W)	:	1,000
Lamp wattage (Rated)	(W)	:	1,000
Lamp voltage	(V)	:	145
Lamp current	(A)	:	7.50

BALLAST AND IGNITOR INFORMATION

Compatible ballast	:	IEC 60188 (MVL-1000W)
Ignitor	:	Not Required


PHYSICAL DESCRIPTION


Base designation	:	E40	
Bulb designation	:	BT180 (180mm dia.)	
Bulb material	:	Hard Glass	
Bulb finish	:	Phosphor coated	
Arc tube material	:	Quartz	
Mercury(Hg) content	(mg)	:	70.0
Overall length	(mm)	:	395 max.
Light centre length (Nominal)	(mm)	:	--
Effective arc length (Nominal)	(mm)	:	--

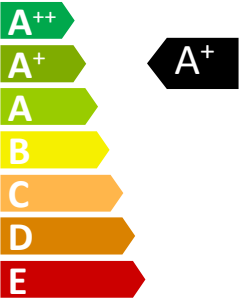


LUMINAIRE DESIGN REQUIREMENTS

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

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 **IWASAKI** MF1000LE/BUH



1100 kWh/1000h