

# TECHNICAL INFORMATION BULLETIN

## EYE Multi-Metal

**LAMP TYPE** : Metal Halide Lamp  
**MT1000A-BH/67**

### PERFORMANCE DATA

Initial luminous flux at rated wattage after 100h burning	(lm)	:	85,000
Lamp lumen efficacy	(lm/W)	:	85
Rated average life	(h)	:	6,000
Warm up time	(min)	:	4
Restarting time	(min)	:	15
Correlated colour temperature	(K)	:	4,200
CIE chromaticity	x	:	0.38
	y	:	0.40
Colour rendering index	(Ra)	:	65
Burning position		:	BH $\pm 60^\circ$
Survival factor at 2,000h	(%)	:	94
4,000h	(%)	:	78
6,000h	(%)	:	50
Lumen Maintenance factor at 2,000h	(%)	:	73
4,000h	(%)	:	65
6,000h	(%)	:	60
Energy Efficiency Label		:	A
Weighted Energy consumption	(kWh/1000h)	:	1100

### Lamp wattage (Nominal)

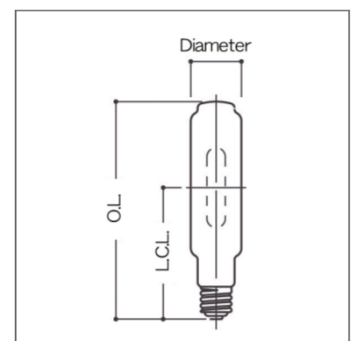
Lamp wattage (Nominal)	(W)	:	1,000
Lamp wattage (Rated)	(W)	:	1,000
Lamp voltage	(V)	:	145
Lamp current	(A)	:	7.50

### BALLAST AND IGNITOR INFORMATION

Compatible ballast : IWASAKI Specified


### PHYSICAL DESCRIPTION


Base designation		:	E40
Bulb designation		:	TT67 (67mm Dia.)
Bulb material		:	Hard glass
Bulb finish		:	Clear
Arc tube material		:	Quartz
Mercury(Hg) content	(mg)	:	67.0
Overall length	(mm)	:	382 max.
Light centre length (Nominal)	(mm)	:	240
Effective arc length (Nominal)	(mm)	:	102

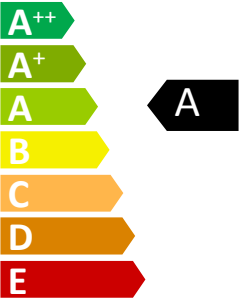


### LUMINAIRE DESIGN REQUIREMENTS

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

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 **IWASAKI** MT1000A-BH/67



**1100** kWh/1000h