

TECHNICAL INFORMATION BULLETIN

EYE Multi-Metal

LAMP TYPE : Metal Halide Lamp

MT2000B-BH-L/T

PERFORMANCE DATA

Initial luminous flux at rated wattage after 100h burning	(lm)	:	200,000
Lamp lumen efficacy	(lm/W)	:	100
Rated average life	(h)	:	9,000
Warm up time	(min)	:	4
Restarting time	(min)	:	15 max.
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	(%)	:	97
4,000h	(%)	:	89
6,000h	(%)	:	78
8,000h	(%)	:	60
Lumen Maintenance factor at 2,000h	(%)	:	79
4,000h	(%)	:	69
6,000h	(%)	:	65
8,000h	(%)	:	61
Energy Efficiency Label		:	A+
Weighted Energy consumption (kWh/1000h)		:	2200

Lamp wattage (Nominal)

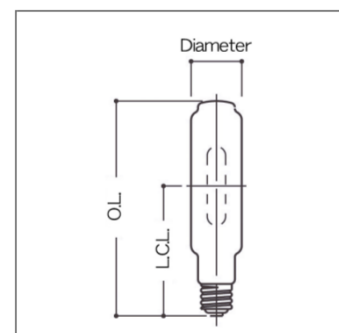
Lamp wattage (Nominal)	(W)	:	2,000
Lamp wattage (Rated)	(W)	:	2,000
Lamp voltage	(V)	:	230
Lamp current	(A)	:	9.20

BALLAST AND IGNITOR INFORMATION

Compatible ballast	:	IWASAKI Specified
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PHYSICAL DESCRIPTION

Base designation	:	E40
Bulb designation	:	TT100 (100mm Dia.)
Bulb material	:	Hard glass
Bulb finish	:	Clear
Arc tube material	:	Quartz
Mercury(Hg) content	(mg)	205.0
Overall length	(mm)	435 max.
Light centre length (Nominal)	(mm)	255
Effective arc length (Nominal)	(mm)	135



LUMINAIRE DESIGN REQUIREMENTS

Bulb Temp. limit	(°C)	:	400
Base Temp. limit	(°C)	:	210
open / enclosed		:	Enclosed fixture required

