

TECHNICAL INFORMATION BULLETIN

EYE Multi-Metal

LAMP TYPE : Metal Halide Lamp
MF250X/U

PERFORMANCE DATA

Initial luminous flux at rated wattage after 100h burning (lm)	:	Vert. 20,000 Horiz. 18,500
Lamp lumen efficacy (lm/W)	:	Vert. 80.0 Horiz. 74.0
Rated average life (h)	:	15,000
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	:	Any
Survival factor at 2,000h (%)	:	99
4,000h (%)	:	95
6,000h (%)	:	91
8,000h (%)	:	85
12,000h (%)	:	68
Lumen Maintenance factor at 2,000h (%)	:	86
4,000h (%)	:	76
6,000h (%)	:	70
8,000h (%)	:	67
12,000h (%)	:	63
Energy Efficiency Label	:	A
Weighted Energy consumption (kWh/1000h)	:	275

Lamp wattage (Nominal)

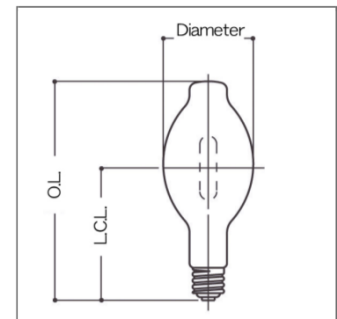
Lamp wattage (Nominal) (W)	:	250
Lamp wattage (Rated) (W)	:	250
Lamp voltage (V)	:	130
Lamp current (A)	:	2.13

BALLAST AND IGNITOR INFORMATION

Compatible ballast	:	ANSI M58
Ignitor	:	Not Required


PHYSICAL DESCRIPTION


Base designation	:	E40
Bulb designation	:	BT90 (90mm Dia.)
Bulb material	:	Hard glass
Bulb finish	:	Phosphor coated
Arc tube material	:	Quartz
Mercury(Hg) content (mg)	:	50.0
Overall length (mm)	:	211 max.
Light centre length (Nominal) (mm)	:	--
Effective arc length (Nominal) (mm)	:	--




LUMINAIRE DESIGN REQUIREMENTS

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

 **ENERG** Y IJA
IE IA
енергия · ενεργεια

 **IWASAKI** MF250X/U

A⁺⁺
A⁺
A 
B
C
D
E

275 kWh/1000h