

# TECHNICAL INFORMATION BULLETIN

## EYE Multi Super Ace

**LAMP TYPE** : Metal Halide Lamp  
MF400LSH/U

### PERFORMANCE DATA

Initial luminous flux at rated wattage after 100h burning	(lm)	:	38,000
Lamp lumen efficacy	(lm/W)	:	95
Rated average life	(h)	:	15,000
Warm up time	(min)	:	4
Restarting time	(min)	:	15
Correlated colour temperature	(K)	:	4,200
CIE chromaticity	x	:	0.39
	y	:	0.38
Colour rendering index	(Ra)	:	75
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	(%)	:	85
4,000h	(%)	:	74
6,000h	(%)	:	66
8,000h	(%)	:	60
12,000h	(%)	:	53
Energy Efficiency Label		:	A+
Weighted Energy consumption	(kWh/1000h)	:	440

### Lamp wattage (Nominal)

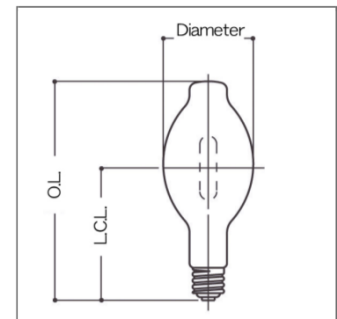
Lamp wattage (Nominal)	(W)	:	400
Lamp wattage (Rated)	(W)	:	400
Lamp voltage	(V)	:	135
Lamp current	(A)	:	3.25

### BALLAST AND IGNITOR INFORMATION

Compatible ballast	:	IEC 60188 (MVL-400W)
Ignitor	:	Not Required


### PHYSICAL DESCRIPTION


Base designation	:	E40
Bulb designation	:	BT116 (116mm Dia.)
Bulb material	:	Hard glass
Bulb finish	:	Phosphor coated
Arc tube material	:	Quartz
Mercury(Hg) content	(mg)	: 66.0
Overall length	(mm)	: 292 max.
Light centre length (Nominal)	(mm)	: --
Effective arc length (Nominal)	(mm)	: --

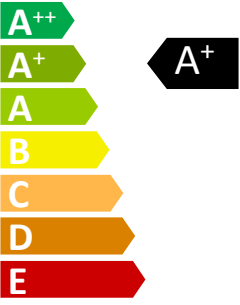


### LUMINAIRE DESIGN REQUIREMENTS

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

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**440** kWh/1000h