

TECHNICAL INFORMATION BULLETIN

EYE Multi Super Ace

LAMP TYPE : Metal Halide Lamp
MF400LSH/BUP

PERFORMANCE DATA

Initial luminous flux at rated			
wattage after 100h burning	(lm)	:	42,000
Lamp lumen efficacy	(lm/W)	:	105
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		:	BU $\pm 15^\circ$
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)

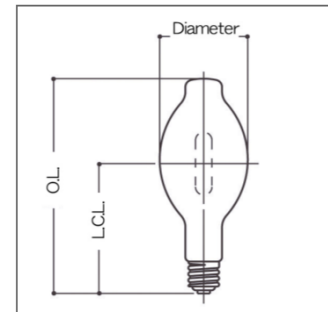
Lamp wattage (Nominal)	(W)	:	400
Lamp wattage (Rated)	(W)	:	400
Lamp voltage	(V)	:	135
Lamp current	(A)	:	3.25

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)	:	260*1
Base Temp. limit	(°C)	:	210
open / enclosed	:		Open fixture permissible

Notes: *1 Teflon coated on the bulb

