

TECHNICAL INFORMATION BULLETIN

EYE Multi-Hi-Ace

LAMP TYPE : Metal Halide Lamp
MF700LE/BUH

PERFORMANCE DATA

Initial luminous flux at rated			
wattage after 100h burning	(lm)	:	58,000
Lamp lumen efficacy	(lm/W)	:	83
Rated average life	(h)	:	9,000
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		:	BUH $\pm 105^\circ$
Survival factor at 2,000h	(%)	:	97
4,000h	(%)	:	89
6,000h	(%)	:	78
8,000h	(%)	:	60
Lumen Maintenance factor at 2,000h	(%)	:	77
4,000h	(%)	:	64
6,000h	(%)	:	56
8,000h	(%)	:	51
Energy Efficiency Label		:	A
Weighted Energy consumption (kWh/1000h)		:	770

Lamp wattage (Nominal)

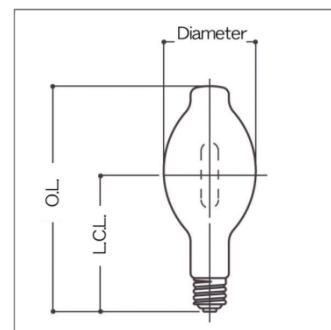
Lamp wattage (Nominal)	(W)	:	700
Lamp wattage (Rated)	(W)	:	700
Lamp voltage	(V)	:	140
Lamp current	(A)	:	5.40

BALLAST AND IGNITOR INFORMATION

Compatible ballast	:	IEC 60188 (MVL-700W)
Ignitor	:	Not Required

PHYSICAL DESCRIPTION

Base designation	:	E40
Bulb designation	:	BT150 (150mm Dia.)
Bulb material	:	Hard glass
Bulb finish	:	Phosphor coated
Arc tube material	:	Quartz
Mercury(Hg) content	(mg)	69.0
Overall length	(mm)	375 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

