

TECHNICAL INFORMATION BULLETIN

EYE Clean Ace

LAMP TYPE : Metal Halide Lamp
MT400DL/BH

PERFORMANCE DATA

Initial luminous flux at rated wattage after 100hrs. Burning	(lm)	:	29,000
Lamp Lumen Efficacy	(lm/W)	:	73
Mean lumens at 10 hrs/start	(lm)	:	24,600
Rated average life	(hrs)	:	12,000
Warm up time	(min)	:	8
Restarting time	(min)	:	15
Correlated colour temperature	(K)	:	6,500
CIE chromaticity	x =	:	0.310
	y =	:	0.349
Colour rendering index	(Ra)	:	90
Burning Position		:	Universal

ELECTRICAL CHARACTERISTICS

Nom. Lamp wattage EM	(W)	:	400
Nom. Lamp voltage EM	(V)	:	135
Nom. Lamp current EM	(A)	:	3.25
Current crest factor		:	1.8 max.
Max. starting current	(A)	:	6.83
Compatible Ballast		:	60188 Mercury reactor ballast 4
Min. starting voltage (RMS)	(V)	:	198
Min. starting voltage (PEAK)	(V)	:	280

PHYSICAL DESCRIPTION

Base designation		:	E40
Bulb designation		:	T55 (55mm Dia.)
Bulb material		:	Hard glass
Bulb finish		:	Clear
Arc tube material		:	Quartz
Mercury(Hg)Content	(mg)	:	39.5
Overall Length	(mm)	:	292 max.
Light Centre Length	(mm)	:	185
Effective Arc Length	(mm)	:	—
Bulb Temp. limit	(°C)	:	400
Base Temp. limit	(°C)	:	210
Eccentricity Base to bulb axis	(°)	:	3° max.
Life to 5% failures	(hr)	:	4100
Life to 10% failures (hr)	(hr)	:	6100
Life to 20% failures (hr)	(hr)	:	8600
Life to 50% failures (hr)	(hr)	:	12000
Lumen Maintenance 5000h	(%)	:	72

