

# TECHNICAL INFORMATION BULLETIN

## EYE Color Arc TP

**LAMP TYPE** : Metal Halide Lamp  
MT150F/D

### PERFORMANCE DATA

Initial luminous flux at rated wattage after 100hrs. Burning	(lm)	:	11,000
Lamp Lumen Efficacy	(lm/W)	:	73
Mean lumens at 10 hrs/start	(lm)	:	9,000
Rated average life	(hrs)	:	12,000
Warm up time	(min)	:	5 max.
Restarting time	(min)	:	15 approx
Correlated colour temperature	(K)	:	6,500
CIE chromaticity	x =	:	0.312
	y =	:	0.332
Colour rendering index	(Ra)	:	96
Burning Position		:	Any

### ELECTRICAL CHARACTERISTICS

Nom. Lamp wattage EM	(W)	:	150
Nom. Lamp voltage EM	(V)	:	95
Nom. Lamp current EM	(A)	:	1.90
Current crest factor		:	1.8 max.
Max. starting current	(A)	:	2.50
Min. starting voltage (RMS)	(V)	:	198
Min. starting voltage (PEAK)	(V)	:	280

### PHYSICAL DESCRIPTION

Base designation		:	E27
Bulb designation		:	T40 (40mm Dia.)
Bulb material		:	Hard glass
Bulb finish		:	Diffuse
Arc tube material		:	Quartz
Mercury(Hg)Content	(mg)	:	5.8
Overall Length	(mm)	:	155 max.
Light Centre Length	(mm)	:	97
Effective Arc Length	(mm)	:	12
Bulb Temp. limit	( °C )	:	430
Base Temp. limit	( °C )	:	190
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	(%)	:	81

