

TECHNICAL INFORMATION BULLETIN

EYE Cera Arc TC

LAMP TYPE : Ceramic Metal Halide Lamp
CMT35/LW/G8.5

PERFORMANCE DATA

Initial luminous flux at rated wattage after 100hrs. Burning	(lm)	:	3,300
Lamp Lumen Efficacy	(lm/W)	:	85
Rated average life	(hrs)	:	12,000
Warm up time	(min)	:	3
Restarting time	(min)	:	15 max.
Correlated colour temperature	(K)	:	3,000
CIE chromaticity	x =	:	0.432
	y =	:	0.392
Colour rendering index	(Ra)	:	83
	(R9)	:	-
Burning Position		:	Any

ELECTRICAL CHARACTERISTICS

Nom. Lamp wattage	(W)	:	39
Nom. Lamp voltage	(V)	:	85
Nom. Lamp current	(A)	:	0.46
Current crest factor		:	1.4 max.
Max. starting current	(A)	:	1.06
Compatible Ballast		:	EYE Electronic Ballast
Min. starting voltage (RMS)	(V)	:	280
Max. open circuit voltage	(V)	:	-

PHYSICAL DESCRIPTION

Base designation		:	G85
Bulb designation		:	T15 (15mm dia.)
Bulb material		:	Quartz glass
Bulb finish		:	Clear (UV-cut coating)
Arc tube material		:	Alumina
Mercury(Hg)Content	(mg)	:	3.8
Overall Length	(mm)	:	85 max.
Light Centre Length	(mm)	:	52
Effective Arc Length	(mm)	:	5
Bulb Temp. limit	(°C)	:	650
Base Temp. limit	(°C)	:	280
Eccentricity Base to bulb axis	(°)	:	2° max.
Fixture requirement		:	Enclosed fixture required
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	(%)	:	82

