

TECHNICAL INFORMATION BULLETIN

EYE Cera Arc T

LAMP TYPE : Ceramic Metal Halide Lamp
CMT150/W/G12

PERFORMANCE DATA

| | | | |
|---|--------|---|---------|
| Initial luminous flux at rated wattage after 100hrs. Burning | (lm) | : | 14,500 |
| Lamp Lumen Efficacy | (lm/W) | : | 97 |
| Rated average life | (hrs) | : | 12,000 |
| Warm up time | (min) | : | 4 |
| Restarting time | (min) | : | 15 max. |
| Correlated colour temperature | (K) | : | 4,300 |
| CIE chromaticity | x = | : | 0.368 |
| | y = | : | 0.368 |
| Colour rendering index | (Ra) | : | 93 |
| Burning Position | | : | Any |

ELECTRICAL CHARACTERISTICS

| | | | |
|-----------------------------|-----|---|------------------------|
| Nom. Lamp wattage | (W) | : | 150 |
| Nom. Lamp voltage | (V) | : | 90 |
| Nom. Lamp current | (A) | : | 1.90 |
| Current crest factor | | : | 1.4 max. |
| Max. starting current | (A) | : | 3.80 |
| Compatible Ballast | | : | EYE Electronic Ballast |
| Min. starting voltage (RMS) | (V) | : | 280 |
| Max. open circuit voltage | (V) | : | 370 |

PHYSICAL DESCRIPTION

| | | | |
|--------------------------------|------|---|---------------------------|
| Base designation | | : | G12 |
| Bulb designation | | : | T19 (19mm dia.) |
| Bulb material | | : | Quartz glass |
| Bulb finish | | : | Clear (UV-cut coating) |
| Arc tube material | | : | Alumina |
| Mercury(Hg)Content | (mg) | : | 11.1 |
| Overall Length | (mm) | : | 110 max. |
| Light Centre Length | (mm) | : | 56 |
| Effective Arc Length | (mm) | : | 9 |
| 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 |

