

TECHNICAL INFORMATION BULLETIN

EYE Cera Arc PAR36

LAMP TYPE : Ceramic Metal Halide Lamp
CM70P36S/WW

PERFORMANCE DATA

| | | | |
|---|--------|---|---------|
| Initial luminous flux at rated wattage after 100hrs. Burning | (lm) | : | 5,000 |
| Lamp Lumen Efficacy | (lm/W) | : | 71 |
| Beam angle | | : | 27 |
| Peak intensity | | : | 10,000 |
| Rated average life | (hrs) | : | 9,000 |
| Warm up time | (min) | : | 4 |
| Restarting time | (min) | : | 15 max. |
| Correlated colour temperature | (K) | : | 3,500 |
| CIE chromaticity | x = | : | 0.400 |
| | y = | : | 0.380 |
| Colour rendering index | (Ra) | : | 90 |
| Burning Position | | : | Any |

ELECTRICAL CHARACTERISTICS

| | | | |
|-----------------------|-----|---|----------|
| Nom. Lamp wattage EM | (W) | : | 70 |
| Nom. Lamp voltage EM | (V) | : | 90 |
| Nom. Lamp current EM | (A) | : | 1.00 |
| Current crest factor | | : | 1.8 max. |
| Max. starting current | (A) | : | 1.50 |

PHYSICAL DESCRIPTION

| | | | |
|--------------------------------|--------|---|--------------------------|
| Base designation | | : | E27/51X39 |
| Bulb designation | | : | PAR36 |
| Bulb material | | : | Hard glass |
| Bulb finish | | : | Aluminium coating |
| Bulb finish (Front glass) | | : | UV-cut coating |
| Arc tube material | | : | Alumina |
| Mercury(Hg)Content | (mg) | : | 8.9 |
| Overall Length | (mm) | : | 102 max. |
| Light Centre Length | (mm) | : | - |
| Effective Arc Length | (mm) | : | 6 |
| Bulb Temp. limit | (°C) | : | 400 |
| Base Temp. limit | (°C) | : | 190 |
| Eccentricity Base to bulb axis | (°) | : | 3° max. |
| Fixture requirement | | : | Open fixture permissible |
| Life to 5% failures | (hr) | : | 3100 |
| Life to 10% failures (hr) | (hr) | : | 4600 |
| Life to 20% failures (hr) | (hr) | : | 6500 |
| Life to 50% failures (hr) | (hr) | : | 9000 |

