

THORN LIGHTING

Data

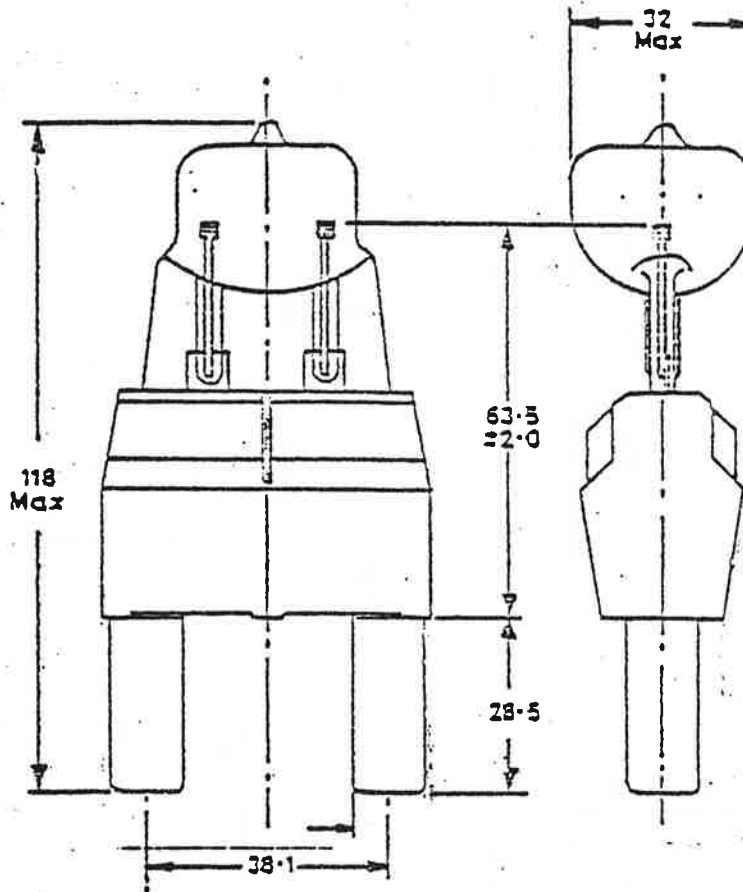
lamps

Date: JUNE 1979

PROVISIONAL

Subject: 1000w Compact Source Discharge Lamp
Hot Restrike

Specification No.: 99-0422



TYPE: CID

VOLTAGE: 220/240 AC

BASE: G.38 Bipost

OPERATING POSITION: Any

MARKING: Base

OPERATING CHARACTERISTICS

ELECTRICAL

| | |
|---------------------|---------------|
| Arc Voltage | 70 - 85 |
| Nominal Arc Current | 15 amp |
| Run-up Time | 1 minute |
| Re-Start Time | Instantaneous |

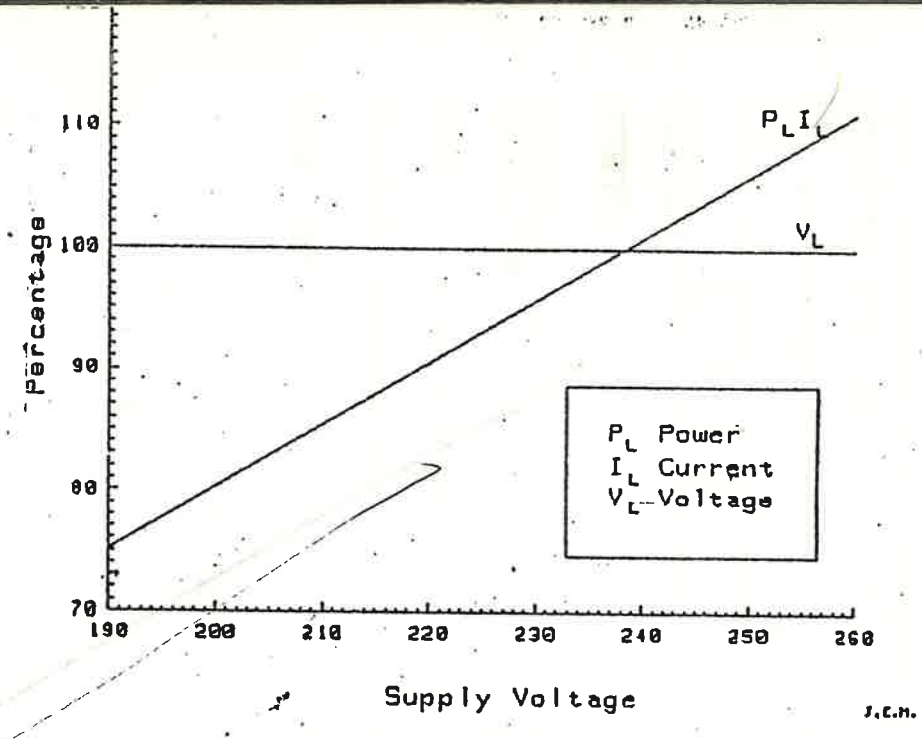
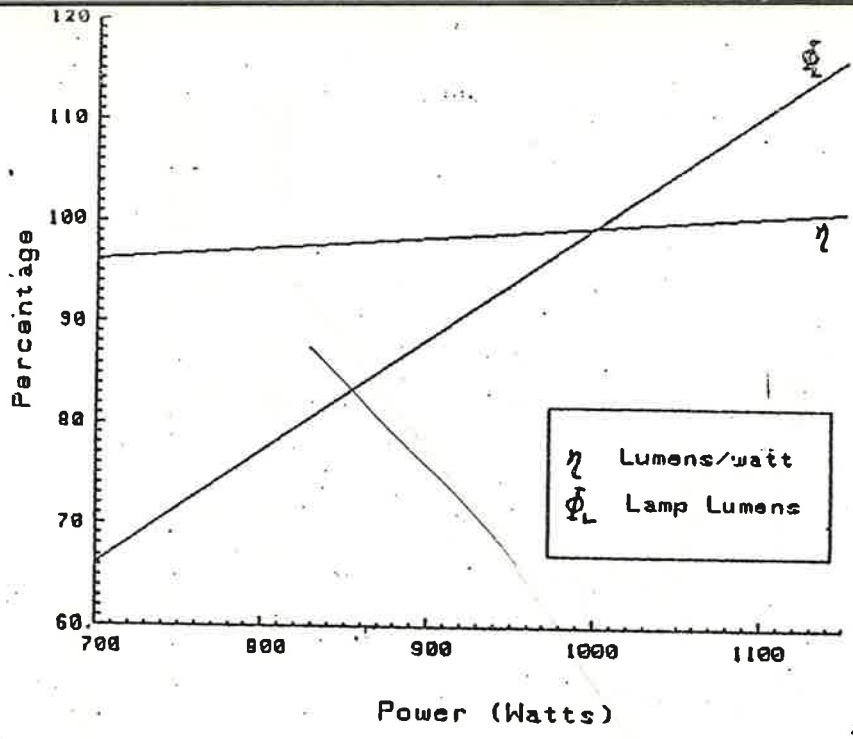
LUMINOUS

| | |
|-----------------------------------|--------------|
| Arc Length | 14 ± 1.0 |
| Lumen Output | 70,000 |
| Lumen Maintenance | 90% |
| Correlated Colour Temperature | 5500 ± 400°K |
| General Colour Rendering Index Ra | 85 |

PERFORMANCE

| | |
|------------|----------|
| Rated Life | 500 hrs. |
|------------|----------|

APPLICATIONS: For use with colour film balanced for light of 5500°K & all monochrome film stock. Suitable for monochrome or colour television productions. Designed for use in Fresnel lens luminaires & ellipsoidal spotlights. Also for Theatre & allied applications where suitable lighting fittings can make good use of the high intensity, compact light source.



Dependence of optical characteristics of lamp on power dissipated.

Dependence of electrical characteristics of lamp on supply voltage.

