



KELVIN (CCT):

2000K 820

| | |
|--------------|-------|
| PART NUMBER: | DATE: |
| PROJECT #: | TYPE: |
| PREPARED BY: | |

PART NUMBER:

FN72L400G4Q

400W ED37 High Pressure Sodium

Fusion High Pressure Sodium Lamps offer an environmentally friendly solution and deliver low operating costs and energy-efficient performance. These lamps are TCLP approved and substantially lower disposal costs and reduce environmental waste.

High pressure sodium lamps are one of the most efficient HID light sources available. The Fusion family of clear high pressure sodium lamps are ideally suited to roadway, area and security lighting applications where high efficiency and long life are preferred but colour rendering is not critical.

FEATURES & BENEFITS:

- Long Life 24,000 hours
- Reduces re-lamping and replacement costs
- High efficacy – 95 Lumens/Watt
- Benefits a cleaner environment
- CCT – 2000K
- CRI 22+
- Easy integration in existing luminaries
- 1 Year Warranty

AVAILABLE TYPES:

- 35W ED17
- 50W ED17
- 70W ED17 & ED23
- 100W ED17 & ED23
- 150W ED17 & ED23
- 200W ED18
- 250W ET18 & ED28
- 400W ET18 & ED28
- 1000W ET25

APPLICATIONS:

- Roadway, area and security lighting applications
- Commercial: Offices, Hospitals, Buildings etc. - area and security lighting applications
- Retail: Malls, Shopping Centers etc. - area and security lighting applications

APPROVALS

ANSI CODE | **S51**



ORDERING INFORMATION:

| PART NUMBER | DESCRIPTION | CASE QTY | CASE DIMENSIONS | CASE WEIGHT |
|-------------|--------------------------------|----------|--|-----------------|
| FN72L400G4G | 400W ED37 High Pressure Sodium | 12 | 550 x 425 x 335 mm - 21.7 x 16.7 x 13.2 in | 4.9kg - 10.8lbs |

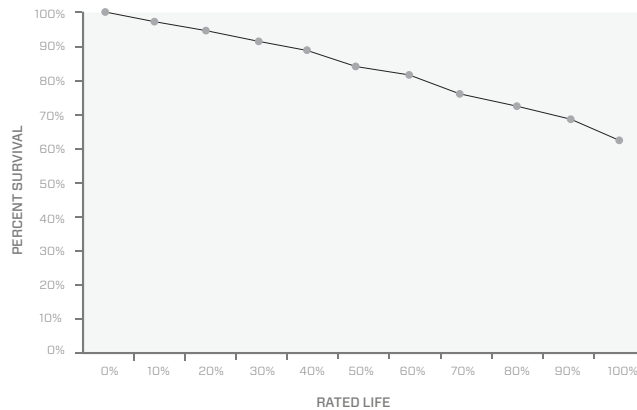
OPERATING SPECIFICATIONS:

| PART NUMBER | LAMP WATTS | INITIAL LUMENS | MEAN LUMENS | EFFICACY (LPW) |
|-------------|------------|----------------|-------------|----------------|
| FN72L400G4G | 400W | 50000 lm | 45000 lm | 125 |

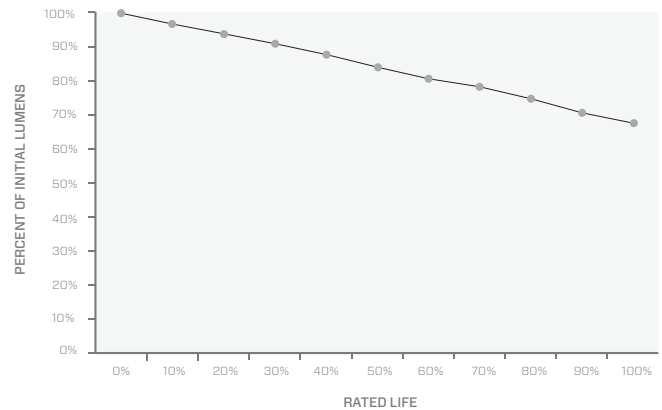
OPERATING SPECIFICATIONS:

| PART NUMBER | RATED LIFE | CCT | CRI | WARM UP TIME | Hot Re-Strike Time | Burn Position |
|-------------|------------|-------|-----|--------------|--------------------|---------------|
| FN72L400G4G | 24,000 hrs | 2000K | 22+ | < 5.0 mins | 1-2 mins | Universal |

1 - LIFE EXPECTANCY



2 - LUMEN MAINTENANCE



ELECTRICAL SPECIFICATIONS:

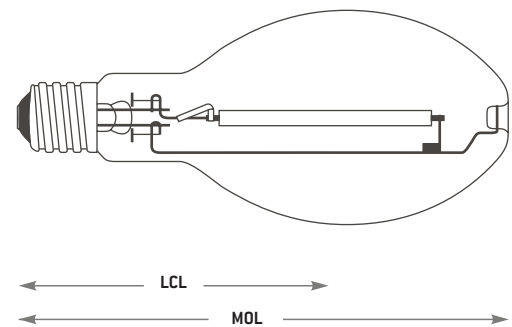
| PART NUMBER | LAMP WATTS | NOMINAL LAMP OPERATING VOLTAGE | NOMINAL LAMP OPERATING CURRENT | ANSI DESIGNATION | OPERATING FREQUENCY |
|-------------|------------|--------------------------------|--------------------------------|------------------|---------------------|
| FN72L400G4G | 400 | 100V | 4.60A | S51 | 60Hz |

* NOTE: Physical specifications are the same for all colour temperatures

PHYSICAL SPECIFICATIONS:

| PART NUMBER | LAMP STYLE | BASE | LUMINAIRE TYPE | MAX. LENGTH (MOL) | LIGHT CENTER LENGTH (LCL) |
|-------------|------------|------|-------------------|---------------------|---------------------------|
| FN72L400G4G | ED37 | E39 | Open/ Enclosed | 11.31" (287.3mm) | 7" (177.8mm) |

| ARC LENGTH | ARC TUBE MATERIAL | MAX. TEMP (BASE) | MAX. TEMP. (LAMP) |
|------------|-------------------|------------------|-------------------|
| 82mm | Aluminum | 210°C | 400°C |



* NOTE: Physical specifications are the same for all colour temperatures

