



KELVIN (CCT):

4200K 842

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

PART NUMBER:

FMH100/U/P/ED17

100W ED17 Pulse Start Metal Halide Lamp

Fusion Metal Halide Pulse Start Lamps offer superior light quality and performance. The iridescent white light emitted when using Pulse Start Metal Halide lamps creates a natural ambience and delivers vibrant colors. In addition, the high system efficacy of these lamps results in lower energy use and a reduced cost of operating when compared to standard Quartz Metal Halide lamps.

FEATURES & BENEFITS:

- Long Life - Reduces re-lamping and replacement costs
- High lumen output
- Benefits a cleaner environment
- Excellent colour rendering of CRI = 70+ (Coated)
- Excellent colour rendering of CRI = 65+ (Clear)
- Easier integration in existing luminaires
- Dimmable with approved dimming systems
- 1 Year Warranty

AVAILABLE TYPES:

- 50W ED17
- 70W ED17
- 100W ED17
- 150W ED17
- 175W ED17 & ED28
- 250W ED28
- 320W ED28 & ED37
- 350W ED28 & ED37
- 400W ED28, ED37
- 575W BT37

APPLICATIONS:

- Commercial: Offices & Hospitals - Ambient Lighting, Task Lighting, etc.
- Retail: Malls, Shopping Centers, Stores, etc.
- Hospitality: Restaurants, Hotels, etc.
- Recreational: Sports Facilities, Gymnasiums, etc.

APPROVALS

 ANSI CODE | **M90**

ORDERING INFORMATION:

| PART NUMBER | DESCRIPTION | CASE QTY | CASE DIMENSIONS | CASE WEIGHT |
|-----------------|---|----------|--|-----------------|
| FMH100/U/P/ED17 | 100W ED17 Pulse Start Metal Halide Uncoated | 12 | 250 x 180 x 170 mm - 9.84 x 7.09 x 6.69 in | 1.4kg - 3.09lbs |

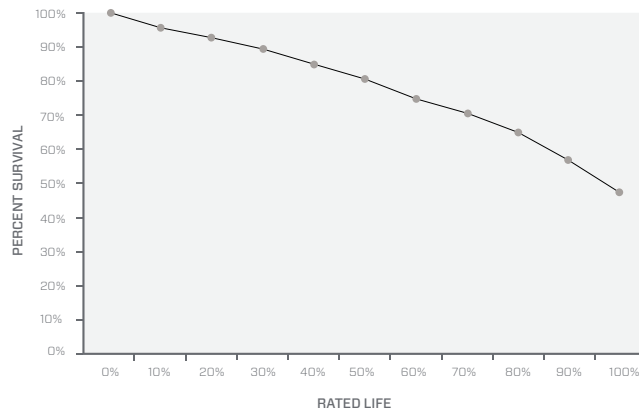
OPERATING SPECIFICATIONS:

| PART NUMBER | LAMP WATTS | INITIAL LUMENS (Vertical) | INITIAL LUMENS (Horizontal) | MEAN LUMENS (Vertical) | MEAN LUMENS (Horizontal) |
|-----------------|------------|---------------------------|-----------------------------|------------------------|--------------------------|
| FMH100/U/P/ED17 | 100W | 8500 lm | 7800 lm | 5500 lm | 5000 lm |

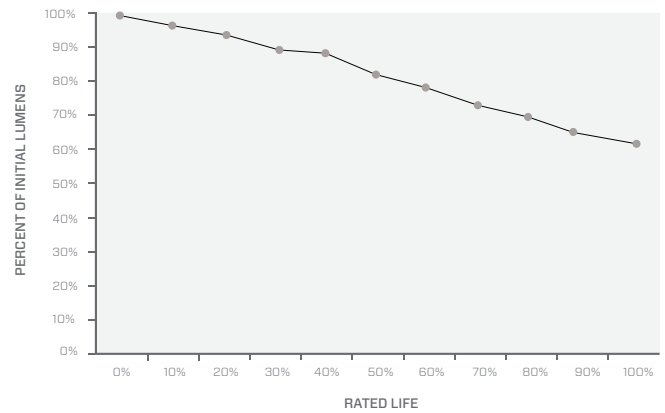
OPERATING SPECIFICATIONS:

| PART NUMBER | EFFICACY (LPW) | RATED LIFE (Vertical) | RATED LIFE (Horizontal) | CCT | CRI | WARM UP TIME | Hot Re-Strike Time | Burn Position |
|-----------------|----------------|-----------------------|-------------------------|-------|-----|--------------|--------------------|---------------|
| FMH100/U/P/ED17 | 85 | 15,000 hrs | 10,000 hrs | 4200K | 65+ | 1 - 2 mins | 3 - 5 mins | Universal |

1 - LIFE EXPECTANCY



2 - LUMEN MAINTENANCE



ELECTRICAL SPECIFICATIONS:

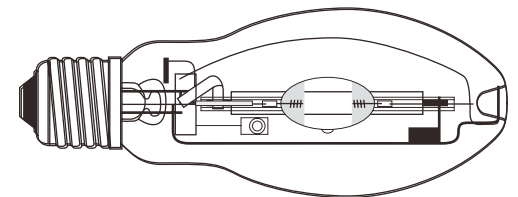
| PART NUMBER | LAMP WATTS | NOMINAL LAMP OPERATING VOLTAGE | NOMINAL LAMP OPERATING CURRENT | ANSI DESIGNATION | OPERATING FREQUENCY |
|-----------------|------------|--------------------------------|--------------------------------|------------------|---------------------|
| FMH100/U/P/ED17 | 100 | 100V | 1.10 A | M90 | 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) |
|-----------------|------------|------|----------------|-------------------|---------------------------|
| FMH100/U/P/ED17 | ED17 | E26 | Open | 5.43" (137.92mm) | 3.39" (86.11mm) |

| ARC LENGTH | ARC TUBE MATERIAL | MAX. TEMP (BASE) | MAX. TEMP. (LAMP) |
|------------|-------------------|------------------|-------------------|
| 12.0mm | Quartz | 190°C | 400°C |



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

ANSI CODE | M90

