

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

PART NUMBER:

## FMH400/U/LU/ED37

### 400W ED37 Probe Start Metal Halide Lamp

Fusion Metal Halide Probe Start Lamps offer superior light quality and performance. The striking white light emitted when using 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 High Pressure Sodium 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:

- 175W ED17 & ED28
- 250W ED28 & ET18
- 360W BT37
- 400W ED28, ED37 & ET18
- 1000W BT37 & BT56
- 1500 BT56

#### 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 | **S51**



KELVIN (CCT):

**4200K** 842

#### ORDERING INFORMATION:

PART NUMBER	DESCRIPTION	CASE QTY	CASE DIMENSIONS	CASE WEIGHT
FMH400/U/LU/ED37	400W ED37 Probe Start Metal Halide Uncoated	12	450 x 550 x 340mm - 16.9 x 21.65 x 13.4 in	4.9kg - 10.8lbs

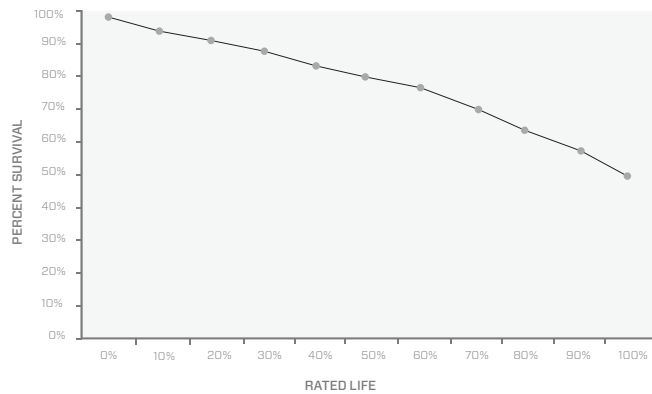
#### OPERATING SPECIFICATIONS:

PART NUMBER	LAMP WATTS	INITIAL LUMENS (Vertical)	INITIAL LUMENS (Horizontal)	MEAN LUMENS (Vertical)	MEAN LUMENS (Horizontal)
FMH400/U/LU/ED37	400W	36600 lm	32700 lm	27300 lm	24400 lm

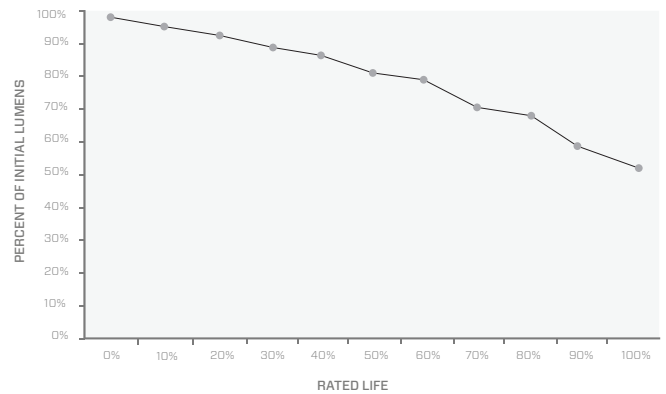
OPERATING SPECIFICATIONS:

PART NUMBER	EFFICACY (LPW)	RATED LIFE (Vertical)	RATED LIFE (Horizontal)	CCT	CRI	WARM UP TIME	Hot Re-Strike Time	Burn Position
FMH400/U/LU/ED37	92	20,000 hrs	15,000 hrs	4200K	65+	3-5 mins	8-12 mins	Universal

2.1 - LIFE EXPECTANCY



2.2 - LUMEN MAINTENANCE



ELECTRICAL SPECIFICATIONS:

PART NUMBER	LAMP WATTS	NOMINAL LAMP OPERATING VOLTAGE	NOMINAL LAMP OPERATING CURRENT	ANSI DESIGNATION	OPERATING FREQUENCY
FMH400/U/LU/ED37	400	100V	4.60A	S51	60Hz

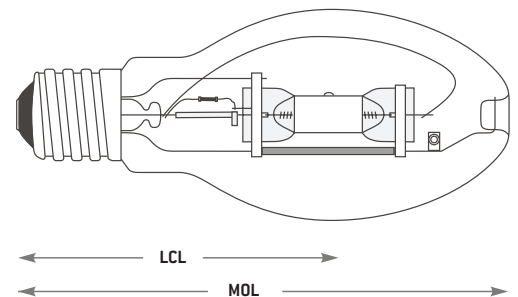
\* NOTE: Physical specifications are the same for all colour temperatures

PHYSICAL SPECIFICATIONS:

PART NUMBER	LAMP STYLE	BASE	LUMINAIRE TYPE	MAX. LENGTH (MOL)	LIGHT CENTER LENGTH (LCL)
FMH400/U/LU/ED37	ED28	E39	Enclosed	11.50" (292.11 mm)	7.01" (178.05 mm)

ARC LENGTH	ARC TUBE MATERIAL	MAX. TEMP (BASE)	MAX. TEMP. (LAMP)
42mm	Quartz	210°C	400°C

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



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