



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

PART NUMBER:

# FMP320/BU/P/ED37

## 320W ED37 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 | **M154**  
ANSI CODE | **M132**



KELVIN (CCT):

4200K 842

### ORDERING INFORMATION:

PART NUMBER	DESCRIPTION	CASE QTY	CASE DIMENSIONS	CASE WEIGHT
FMP320/BU/P/ED37	320W ED37 Pulse Start Metal Halide Uncoated	12	430 x 550 x 340 mm - 16.93 x 21.65 x 13.39 in	4.9kg - 10.8lbs

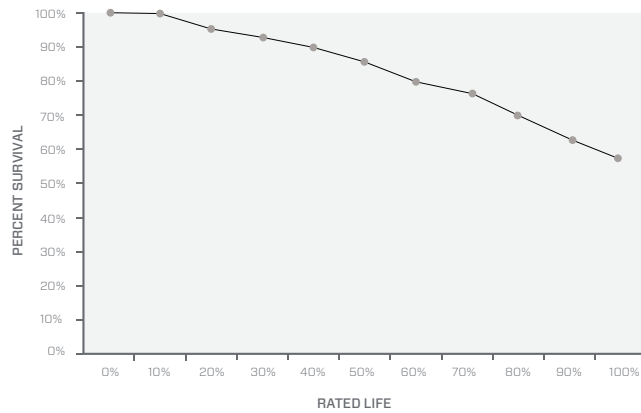
### OPERATING SPECIFICATIONS:

PART NUMBER	LAMP WATTS	INITIAL LUMENS (Vertical)	INITIAL LUMENS (Horizontal)	MEAN LUMENS (Vertical)	MEAN LUMENS (Horizontal)
FMP320/BU/P/ED37	320W	31000 lm	N/A	25000 lm	N/A

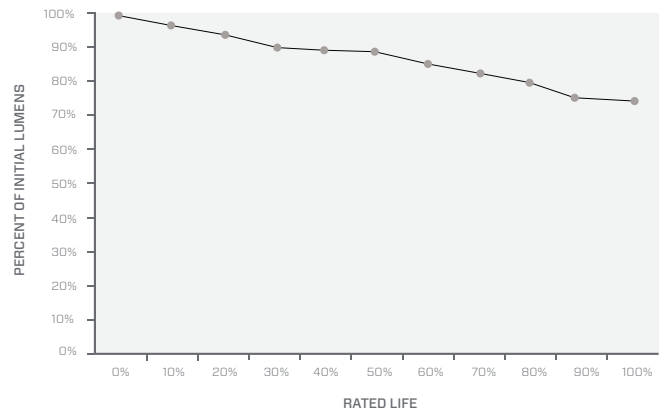
OPERATING SPECIFICATIONS:

PART NUMBER	EFFICACY (LPW)	RATED LIFE (Vertical)	RATED LIFE (Horizontal)	CCT	CRI	WARM UP TIME	Hot Re-Strike Time	Burn Position
FMP320/BU/P/ED37	97	20,000 hrs	N/A	4200K	65+	2 - 3 mins	5 - 8 mins	BU ± 15°

1 - LIFE EXPECTANCY



2 - LUMEN MAINTENANCE



ELECTRICAL SPECIFICATIONS:

PART NUMBER	LAMP WATTS	NOMINAL LAMP OPERATING VOLTAGE	NOMINAL LAMP OPERATING CURRENT	ANSI DESIGNATION	OPERATING FREQUENCY
FMP320/BU/P/ED37	320	135V	2.63 A	M154 / M132	60Hz

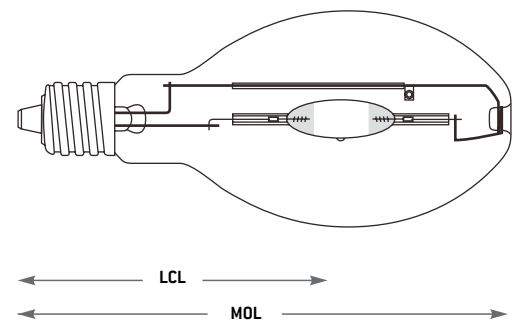
\* NOTE: Physical specifications are the same for all colour temperatures

PHYSICAL SPECIFICATIONS:

PART NUMBER	LAMP STYLE	BASE	LUMINAIRE TYPE	MAX. LENGTH (MOL)	LIGHT CENTER LENGTH (LCL)
FMP320/BU/P/ED37	ED37	EX39	Open	11.50" (292.1mm)	7.01" (178.05mm)

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

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



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