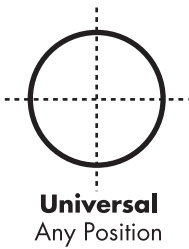


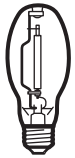


**HIGH  
PRESSURE  
SODIUM**



**Universal**  
Any Position

**E23.5**



Dia. = 2.9" (75mm)  
MOL = 7.8" (198mm)  
LCL = 5.0" (127mm)  
Base = Mogul (E39)

## LU100/D GENERAL Characteristics

Lamp Type	HPS Single Ended
ANSI Code	S54
Bulb Shape	E23.5
Base Type	Mogul (E39)
Bulb Finish	Coated
Rated Life	24000 hours
Operating Position	Universal

## PHOTOMETRIC

Initial Lumens	8800
Lumens Per Watt	88
Lamp Lumen Depreciation (LLD)	0.90 (90%) @ 12000 hours
Correlated Color Temperature	2100K
Chromaticity Coordinates (CIE-x,y)	.522 .423
Color Rendering Index (CRI) $R_a$	22

## PHYSICAL

Bulb Diameter	2.9" (75mm)
Max. Overall Length (MOL)	7.8" (198mm)
Light Center Length (LCL)	5.0" (127mm)
Effective Arc Length	N/A
Max. Base Temperature (°C)	210
Max. Bulb Temperature (°C)	400
Socket Pulse Rating (KV)	4
Luminaire Type	Enclosed Rated

## ELECTRICAL

Lamp Watts	100
Lamp Oper. Voltage (Nom.)	55

## SUSTAINABILITY

Mercury Amount (mg)	8.0
Picograms of Hg per Mean Lumen Hour	42

## NOTES

- Product may contribute towards satisfying MR-Credit 4 under LEED.

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