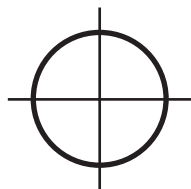


100 Watt High Pressure Sodium PLT-991415

DATA SHEET

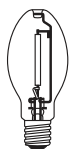
HIGH PRESSURE SODIUM LAMP

PRECISION
Lighting & Transformer



Universal
Any Position

ED23.5



Dia. = 2.9" (75mm)
MOL = 7.75" (196mm)
LCL = 5.0" (127mm)
Base = Mogul (E39)

LU100/ED23.5

GENERAL Characteristics

Lamp Type	HPS Single Ended
ANSI Code	S54
Bulb Shape	ED23.5
Base Type	Mogul (E39)
Bulb Finish	Clear
Rated Life	24000 hours
Operating Position	Universal

PHOTOMETRIC

Initial Lumens	9500
Lumens Per Watt	95
Lamp Lumen Depreciation (LLD)	.84 (84%) @ 12000 hours
Correlated Color Temperature	2000K
Chromaticity Coordinates (CIE-x,y)	---
Color Rendering Index (CRI)	22

PHYSICAL

Bulb Diameter	2.9" (75mm)
Max. Overall Length (MOL)	7.75" (197mm)
Light Center Length (LCL)	5.0" (127mm)
Effective Arc Length	N/A
Max. Base Temperature (°C)	190
Max. Bulb Temperature (°C)	400
Socket Pulse Rating (KV)	5
Luminaire Type	Open/Enclosed Rated

ELECTRICAL

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

SUSTAINABILITY

Recycling Program

NOTES

THIS LAMP CONFORMS TO FEDERAL STANDARD 21 CFR 1040.30

Warning: This lamp can cause skin burn and eye inflammation from shortwave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Lamps that will automatically extinguish when outer envelope is broken or punctured are commercially available.