

Product Code: SODU/0001-SODU/0002

Description: LU100W/ED54/U/E26/US Standard-LU150W/ED54/U/E26/US Standard

Product Name: High Pressure Sodium Lamps

Technical Performance Data Sheet

SODU/0001: LU100W/ED54/U/E26

Light Output (Lumens/100Hrs)	9600/14000
Lamp Lumens Per Watt	96-93
Mean Output (Lumens)	8000-11500
Rated Life (Hours)	24000
Color Temperature (k)	2000K
Chromaticity (CIE-x/y)	NA
Color Rendering Index (CRI)	22
To 90% Warm Up Time (Minute)	5 Minutes
Hot Restart Time (Minute)	1 to 2 Minutes
Burning Position	UNIVERSAL



Physical Data/ Requirements

Base Designation	MEDIUM (E26)
Bulb Designation	ED54
Bulb Diameter mm	Φ55
Max Overall Length (MOL) mm	138mm
Light Center Length (LCL) mm	87±2/mm/NA
Effective Arc Length	NA
Max Base Temperature	190C (374°F)
Max Bulb Temperature	400C (842°F)
Luminaire type	OPEN/ENCLOSED
Socket Pulse Rating (V)	≥5000V

SODU/0002: LU150W/ED54/U/E26



Electrical Data/ Requirement

Lamp Wattage (W)	100W/150W
Operating Voltage (V)	55V
Operating Current (Amps)	2.10A/3.20A
Min. Open Circuit Voltage (RMS)	120V
Min Max Starting Pulse (Peak v)	2500-3500
Min Pulse Width (u sec)	1
Min Pulse Rate Per 1/2 Cycle	1
Pulse Position (Min.% OCV Peak)	60° ~ 90°
Revision :	17/09/2012

This lamp can cause skin burn and eye inflammation from short wave 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, *This is for reference, not the absolute standard.