

# Forus Electric Pvt. Ltd.

## 50W HIGH BAY LIGHT DATASHEET

Forus Led Lights are energy efficient, brighter and has more life hours. They are used for outdoor lighting application like Roadway lighting, industrial Lighting, Campus Lighting, Municipal Lighting.

### TECHNICAL SPECIFICATION OF LED

LED Type	SMD
LED Make	Cree, Osram, Lumileds, Seoul
LED Efficacy	> 130 lm/W
Life Span	> 50,000 Hours
View Angle	120 Degree
Color Rendering Index (CRI)	>80
Color Temperature	2700K - 6500K

### TECHNICAL SPECIFICATION OF LED DRIVER

Driver Efficiency	>87%
High Voltage Cut-Off	320V $\pm$ 10%
Driver Type	Isolated Constant Current
Input Operating Voltage	140 - 270V AC
Total Harmonic Distortion	<10%
Surge Protection	Min. 4kV
Inbuilt Protections	Over Temperature
	Over Voltage
	Short Circuit
	Transients (Surge Voltage & Current)

### TECHNICAL SPECIFICATION OF LUMINAIRE

Power Rating	50W
Power Consumption	50W $\pm$ 10%
Operating Frequency	50 Hz $\pm$ 3 Hz
Lumen Efficacy	>120 lm/W
Power Factor	>0.95
Cover/Glass Type	Toughened Glass
Ingress Protection	IP65 or Better
Housing/Casing Type	Aluminium Pressure Die Cast
Internal Wiring	Multistrand Wire
Control Circuit	Internal Electronic Driver
Gasket and Hardware	Silicone and SS304
Mounting Arrangement	Nut & Bolt