



Forus Electric Pvt. Ltd.

18W LED Surface Panel Light DATASHEET

Forus Led Lights are energy efficient, brighter and has more life hours. They are used for indoor lighting application like Home lighting, office Lighting, Campus Lighting, Institution Lighting.



TECHNICAL SPECIFICATION OF LED

LED Type	SMD
LED Make	Seoul, Edison, Everlight
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%
Driver Type	Constant Current
Input Operating Voltage	140 - 270V AC
Total Harmonic Distortion	<20%
Surge Protection	Upto 2.5 kV

TECHNICAL SPECIFICATION OF LUMINAIRE

Power Rating	18W
Power Consumption	18W \pm 10%
Operating Frequency	50 Hz \pm 3 Hz
Lumen Efficacy	>100 lm/W
Power Factor	>0.95
Diffuser Type	Polycarbonate
Ingress Protection	IP20 or Better
Housing/Casing Material	Plastic Aluminium Pressure Die Cast
Housing Shape	Round
Housing Type	Surface
Diffuser Angle	180 degree
Outer Diameter	225 mm
Panel Housing height	35 mm
Housing Driver Connection	Lock and Twist
Mounting Arrangement	Screw