



Forus Electric Pvt Ltd

India's leading manufacturers of LED lighting products

To,
The Manager,
Al Sanya Co,
For General Trade,
Contracting and Transportation Ltd,
IRAQ.

Dt: 02-09-2019

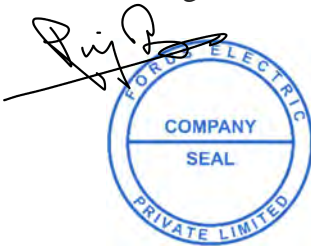
Dear Sir,

In reference to our conversation last month in August we would like to inform you that we cannot supply 50 KVA generators and 100 KVA electric transformer as we do not manufacture them. Our speciality is LED lights manufacturing and its process.

In case you need any other assistance regarding anything else kindly let us know.

Thanking You

Warm Regards





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To,
The Manager,
Al Sanya Co,
For General Trade,
Contracting and Transportation Ltd,
Iraq.

Dt: 18-12-2019

Dear Sir,

Thank you for enquiry and telephone conversation yesterday. We would like to inform you that we do supply raw material for LED light assembly and manufacturing.

We are attaching technical data sheets for your information with this letter. Kindly go through it and let us know if they fit your requirements. I would like to assure you that at Forus Electric we follow very strict quality standards for our production.

Thanking You

Warm Regards





Forus Electric Pvt. Ltd.

6W LED Backlit 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	6W
Power Consumption	6W ± 10%
Operating Frequency	50 Hz ± 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	Backlit
Diffuser Angle	180 degree
Cut out Diameter	90 mm
Outer Diameter	108 mm
Panel Housing height	30 mm
Housing Driver Connection	Lock and Twist
Mounting Arrangement	Through Spring



Forus Electric Pvt. Ltd.

12W LED Edgelit 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	12W
Power Consumption	12W \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	Square
Housing Type	Edgelit
Diffuser Angle	180 degree
Cut Out Diameter	147 mm
Outer Diameter	171 mm
Panel Housing height	18 mm
Housing Driver Connection	Lock and Twist
Mounting Arrangement	Through Spring

Forus Electric Pvt. Ltd.

60W Flood LIGHT DATASHEET

Forus Led Lights are energy efficient, eye soothing, glare free light with better uniformity. All Forus Housing are Thermal conductive for long life.



Electrical Parameters

Wattage	60 W \pm 10%
Supply Voltage	140~270V AC
Frequency	50Hz \pm 3%
Power Factor	>0.95
THD	<10%
Driver Type	Isolated Constant Current
Driver Efficiency	>87%
Surge Protection	>4kV
Over Voltage Protection	Auto Cut off above 320V \pm 10%
440V Withstand	for 2 Hours
Short Circuit Protection	Available

Photometric Parameters

LED Make	Osram/ Cree/ Seoul
Lumen Output	7200 lm \pm 10%
Lumen Efficacy	>120 lm/W
Color Temperature	2700K - 6500K
CRI	>80
Type of LED	SMD

Mechanical Parameters

Housing Type	Aluminium Pressure Die Cast
Ingress Protection	IP65
Gasket and Hardware	Silicone and SS304
Glass Type	Toughened Glass
PCB Material	Aluminium
Mounting Arrangement	Nut & Bolt



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20W LED TUBELIGHT 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	20W
Power Consumption	20W \pm 10%
Operating Frequency	50 Hz \pm 3 Hz
Lumen Efficacy	>100 lm/W
Power Factor	>0.95
Diffuser Type	Polycarbonate
LED PCB Material	Metal Core PCB
Ingress Protection	IP20 or Better
Housing/Casing Material	Aluminium Extrusion
Housing Dimension	T5
Housing Type	Standalone
Housing Shape	Round
Mounting Arrangement	Wall Mount