



LED Products

An ISO 9001 Company



ABOUT US

SUNDAK SOLAR SOLUTIONS PVT. LTD. the leading Power Solution provider in India, with its consistent focus on technological innovation, has attained heights unheard of, in the largely unorganized industry. Having a clear technological edge, creating new benchmarks and upgrading standards for the industry comes naturally to the Company. Today, **SUNDAK®** is the established leader in product innovation, design sensibility and sales distribution & service support network.

An ISO 9001 Certified company having state-of-the-art in house production facilities, systematically planned and built to modern construction standards. The plant is equipped with sophisticated assembly lines and are backed by completely integrated in-house component manufacturing facilities and R&D Center.

VISION

Once solar energy becomes economically viable for everyday use, we see a future where:

- All Indians will get benefit from this pure and clean primary energy resource.
- Millions of homes and commercial buildings across the nation use solar technology to provide all or much of their energy needs.
- The Sun Belt states get much of their electricity from solar power plants sited near the communities that need it.

MISSION

Our goals align with the National Energy Policy goals to ensure that India's energy portfolio supports a cleaner environment, stronger economy, and strengthened national security by providing a stable, diverse domestic energy supply to protect our future.

FACTORY





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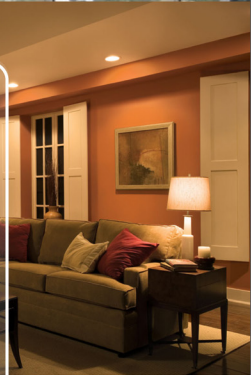
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LED Bulb

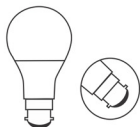


FEATURES

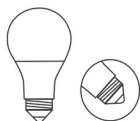
- ▶ Operates on Input Voltage as Low as 100V
- ▶ Can also withstand Voltage as high as 300 V
- ▶ Generator and Inverter Compatible
- ▶ BIS Approved Bulbs
- ▶ Long Life up to 25000 hours
- ▶ Eco Friendly with No Mercury Content and No Carbon Emission
- ▶ High Energy Saving as Compared to CFL and Incandescent Bulb
- ▶ Bright and True Colours having CRI>80
- ▶ High Lumen Output of more than 85 Lumen/Watt
- ▶ No Glare or Flicking Effects
- ▶ Instant ON and OFF Operation
- ▶ Aluminium housing with Plastic coating
- ▶ LED fixing system is as per BIS / European Standard.
- ▶ 180° Beam Angle & IP-65

Product Description LED Blaze Bulb	Model No.	Lumen
3W White (Pin Type)*	B-3W	300
5W White (Pin Type)*	B-5W	500
7W White (Pin Type)*	B-7W	700
9W White (Pin Type)*	B-9W	900
12W White (Pin Type)*	B-12W	1200
15W White (Pin Type)*	B-15W	1500

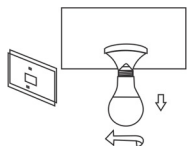
* Warm white, other Colours & E27 Base Cap available on request.



E22 Pin Type Base



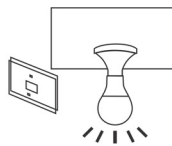
E27 LED Bulb



Turn off the switch, remove the old lamp in anticlockwise rotation.



Turn off led lamp in clockwise rotation.



After installation without mistakes, turn on switch.

Applications:

Showrooms, Hospitals, Malls, Hotels, Houses, Residential, Restaurants, Offices & Rural Areas



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LED Tube Light



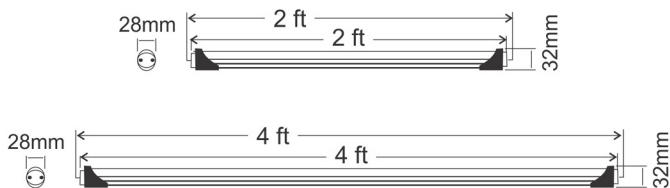
FEATURES

- ▶ Operates on Input Voltage as Low as 100V
- ▶ Can also withstand Voltage as high as 300 V
- ▶ Generator and Inverter Compatible
- ▶ Long Life Up to 50000 hours for EA* and 25000 hours for TP*
- ▶ Eco Friendly with No Mercury Content and No Carbon Emission
- ▶ High Energy Saving as Compared to Fluorescent Tube Light
- ▶ Bright and True Colours having CRI>80
- ▶ High Lumen Output of more than 100 Lumen/Watt
- ▶ No Glare or Flicking Effects
- ▶ Instant ON and OFF Operation
- ▶ EA*/TP* Housing with Highly Efficient Polycarbonate Defuser
- ▶ LED fixing system is as per BIS / European Standard.
- ▶ T8 type with G13 Cap
- ▶ IP-65

Technical Data

www.sundaksolar.com

Product Description LED Tube Light	Model No.	Lumen
9W Retrofit (T-8 2')	TL-R-9W	900
18W Retrofit (T-8 4')	TL-R-18W	1800
9W Stand alone (T-8 2')	TL-S-9W	900
18W Stand alone (T-8 4')	TL-S-18W	1800
4W Stand alone (T-5 1')	TL-S-4W	400
8W Stand alone (T-5 2')	TL-S-8W	900
18W Stand alone (T-5 4')	TL-S1-18W	1800
16W Retrofit (4')	TL-R-16W	1800
36W Stand alone (4')	TL-S-36W	3600



Applications:

Showrooms, Hospitals, Malls, Hotels, Houses, Residential, Restaurants, Offices & Rural Areas



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LED Street Light



FEATURES

- ▶ Operates on Input Voltage as Low as 100V
- ▶ Can also withstand Voltage as high as 300 V
- ▶ Generator and Inverter Compatible
- ▶ Long Life Up to 25000 hours
- ▶ Eco Friendly
- ▶ High Energy Saving
- ▶ Bright and True Colours having CRI>80
- ▶ No Glare or Flicking Effects
- ▶ Instant ON and OFF Operation
- ▶ Housing with Engineering Thermoplastic
- ▶ LED fixing system is as per BIS / European Standard.
- ▶ No Mercury content and No Carbon Emission
- ▶ IP-65, IP-67

Technical Data

www.sundaksolar.com

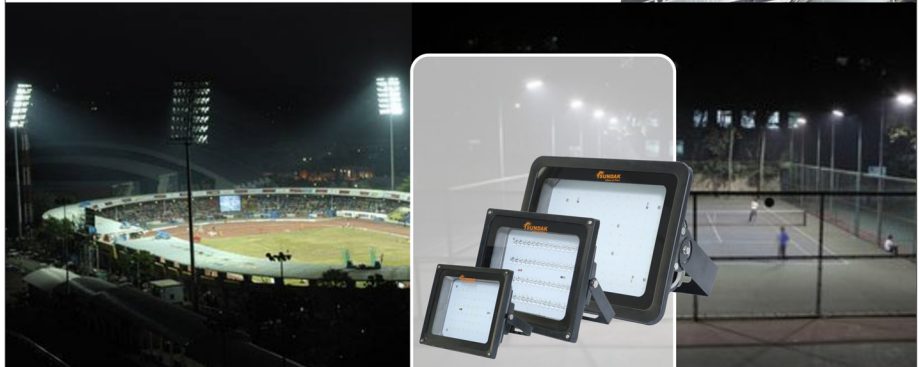
Product Description	Model No.	Lumen
6W LED Street Light	SL-6W	480
9W LED Street Light	SL-9W	720
12W LED Street Light	SL-12W	960
15W LED Street Light	SL-15W	1200
18W LED Street Light	SL-18W	1440
24W LED Street Light	SL-24W	1920
30W LED Street Light	SL-30W	2400
36W LED Street Light	SL-36W	2880
45W LED Street Light	SL-45W	3600
60W LED Street Light	SL-60W	4800
72W LED Street Light	SL-72W	5760
100W LED Street Light	SL-100W	8000
120W LED Street Light	SL-120W	9600
150W LED Street Light	SL-150W	12000
165W LED Street Light	SL-165W	13200
180W LED Street Light	SL-180W	14400
200W LED Street Light	SL-200W	16000
250W LED Street Light	SL-250W	20000
50W (COB)	CL-50W	4000
80W (COB)	CL-80W	6400
120W (COB)	CL-120W	9600



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LED High Mast Light



FEATURES

- ▶ Operates on Input Voltage as Low as 100V
- ▶ Can also withstand Voltage as high as 300 V
- ▶ Generator and Inverter Compatible
- ▶ Long Life Up to 25000 hours
- ▶ Eco Friendly with No Mercury Content and No Carbon Emission
- ▶ High Energy Saving as Compared to Incandescent Bulb
- ▶ Bright and True Colours having CRI>80
- ▶ No Glare or Flicking Effects
- ▶ Instant ON and OFF Operation
- ▶ Housing with Engineering Thermoplastic
- ▶ LED fixing system is as per BIS / European Standard.
- ▶ IP-65

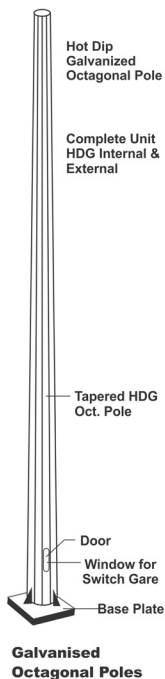
Technical Data

Product Description	Model No.	Lumen
20W LED High Mast Light	ML-20W	2000
40W LED High Mast Light	ML-40W	4000
60W LED High Mast Light	ML-60W	6000
80W LED High Mast Light	ML-80W	8000
100W LED High Mast Light	ML-100W	10000
120W LED High Mast Light	ML-120W	12000
150W LED High Mast Light	ML-150W	15000
180W LED High Mast Light	ML-180W	18000
200W LED High Mast Light	ML-200W	20000

High Mast Accessories

Height	30M	25M	20 M	16 Nos
No. of Section	3	3	2	2
Base & Top outer in mm OAF	540 & 150	460 & 150	410 & 150	360 & 150
Thickness of Sections in mm	5/4/4	5/4/3	4/3	4/3
Base Plate Dia in mm	740x30	670x25	650x25	560x25
PCD in mm	650	690	550	460

Height	Top Dia. (A/F)	Bottom Dia. (A/F)	Sheet Thickness	Base Plate Dimension (LxWxT)	Foundation Bolts (No. x Dia x Length)	PCD
Mtrs.	mm	mm	mm	mm	mm	mm
3	70	130	3	200X200X12	4XM16X450	200
4	70	130	3	200X200X12	4XM16X450	200
5	70	130	3	200X200X12	4XM16X600	200
6	70	130	3	220X220X12	4XM20X600	220
7	70	130	3	220X220X12	4XM20X700	220
8	70	130	3	225X225X16	4XM20X700	225
9	70	155	3	260X260X16	4XM24X750	260
10	70	175	3	275X275X16	4XM24X750	275
11	90	210	3	300X300X20	4XM24X850	300
12	90	240	3	325X325X20	4XM24X850	325



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LED Flood Light



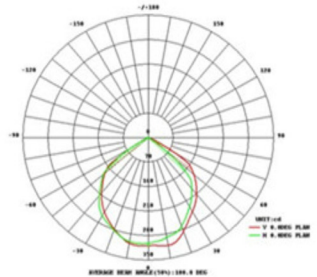
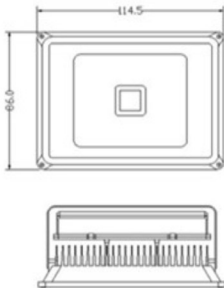
FEATURES

- ▶ Operates on Input Voltage as Low as 100V
- ▶ Can also withstand Voltage as high as 300 V
- ▶ Generator and Inverter Compatible
- ▶ Long Life Up to 25000 hours
- ▶ Eco Friendly with No Mercury Content and No Carbon Emission
- ▶ High Energy Saving as Compared to Incandescent Bulb
- ▶ Bright and True Colours having CRI>80
- ▶ No Glare or Flicking Effects
- ▶ Instant ON and OFF Operation
- ▶ Housing with Engineering Thermoplastic
- ▶ LED fixing system is as per BIS / European Standard.
- ▶ IP-65

Technical Data

www.sundaksolar.com

Product Description	Model No.	Lumen
20W LED Flood Light	FL-20W	2000
40W LED Flood Light	FL-40W	4000
60W LED Flood Light	FL-60W	6000
80W LED Flood Light	FL-80W	8000
120W LED Flood Light	FL-120W	12000
150W LED Flood Light	FL-150W	15000
200W LED Flood Light	FL-200W	20000



Applications:

Factories, Petrol Pumps, Metro Railway Stations, Hospitals, Malls, Hotels, Houses, Restaurants & Offices



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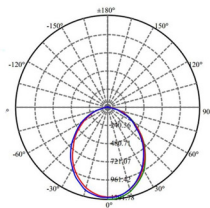
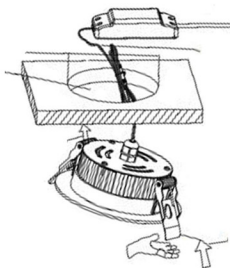
LED Down Light



FEATURES

- ▶ Operates on Input Voltage as Low as 100V
- ▶ Can also withstand Voltage as high as 300 V
- ▶ Generator and Inverter Compatible
- ▶ Long Life Up to 25000 hours
- ▶ Eco Friendly
- ▶ High Energy Saving
- ▶ Bright and True Colours having CRI>80
- ▶ No Glare or Flicking Effects
- ▶ Instant ON and OFF Operation
- ▶ Housing with Engineering Thermoplastic
- ▶ LED fixing system is as per BIS / European Standard.
- ▶ No Mercury content and No Carbon Emission
- ▶ IP-65

Product Description	Model No.	Lumen
3W LED Downlight	DL-3W	240
6W LED Downlight	DL-6W	480
12W LED Downlight	DL-12W	960
15W LED Downlight	DL-15W	1200
18W LED Downlight	DL-18W	1440
22W LED Downlight	DL-22W	1760
24W LED Downlight	DL-24W	1920
30W LED Downlight	DL-30W	2400



Illuminance at a Distance			
	Center Beam LUX	Beam Width	
		V	H
2m	293.05 LUX	4.4m	4.4m
4m	73.26 LUX	8.7m	8.8m
6m	32.56 LUX	13.1m	13.2m
8m	18.32 LUX	17.5m	17.6m
10m	11.72 LUX	21.8m	22.0m
12m	8.14 LUX	26.2m	26.5m
Vert Spread: 95.0		Hori Spread: 95.0	

Applications:

Showrooms, Hospitals, Malls, Hotels, Houses, Residential, Restaurants, Offices & Rural Areas



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LED Driver

for Street Light, High Bay Light, Flood Light,

Bulb & Panel Light



FEATURES

- ▶ APFC (Active Power Correction): 0.99 Typical
- ▶ Thermal optimized Aluminum case with Potting
- ▶ Light Protection 10kA available
- ▶ Wide input Voltage : range 100-265 Vac
- ▶ High Efficiency > 90%
- ▶ Waterproof: IP67
- ▶ 100% Full Load Burn in Test
- ▶ 0-10V Dimable
- ▶ Over voltage protection
- ▶ Short circuit protection
- ▶ Low operation cost
- ▶ Improved LED lamp life
- ▶ High-efficiency & Environment friendly

Street Light, High Bay Light and Flood Light Driver

Model No.	Output		Operating Voltage Range	Input		Efficiency
	Voltage	Current		Power	ATHD	
Rectangular Shape Constant Current PF> 0.98						
LD-9W	27 V	350 mA	100-280VAC	9 Watt	<10%	<90%
LD-12W	36 V	350 mA	100-280VAC	12 Watt	<10%	<90%
LD-15W	45 V	350 mA	100-280VAC	15 Watt	<10%	<90%
LD-18W	45 V	400 mA	100-280VAC	18 Watt	<10%	<90%
LD-24W	54 V	450 mA	100-280VAC	24 Watt	<10%	<90%
LD-30W	54 V	560 mA	100-280VAC	30 Watt	<10%	<90%
LD-36W	54 V	700 mA	100-280VAC	36 Watt	<10%	<90%
LD-45W	63 V	700 mA	100-280VAC	45 Watt	<10%	<90%
LD-50W	72 V	700 mA	100-280VAC	50 Watt	<10%	<90%
LD-60W	72 V	820 mA	100-280VAC	60 Watt	<10%	<90%

Casing: Metal

Box Dimensions for : 9,12,15,18 Watt (in MM) : 100X50X30
 24,30,36 Watt (in MM) : 100X60X30
 45,50,60 Watt (in MM) : 100X70X30

Bulb and Panel Light Driver

LD-5W	33 V	150 mA	140-260VAC	5 Watt	—	<90%
LD-7W	46 V	150 mA	140-260VAC	7 Watt	—	<90%
LD-9W	59 V	150 mA	140-260VAC	9 Watt	—	<90%
LD-12W	79 V	150 mA	140-260VAC	12 Watt	—	<90%

Casing: Metal

Box Dimensions for : 5,7,9 Watt (in MM) : 40X25X15
 12 Watt (in MM) : 50X25X15



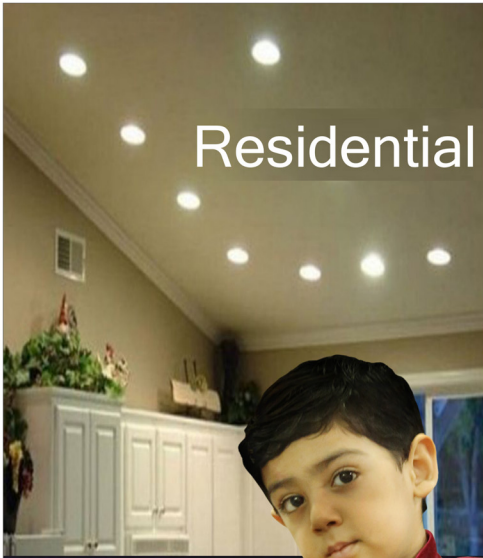
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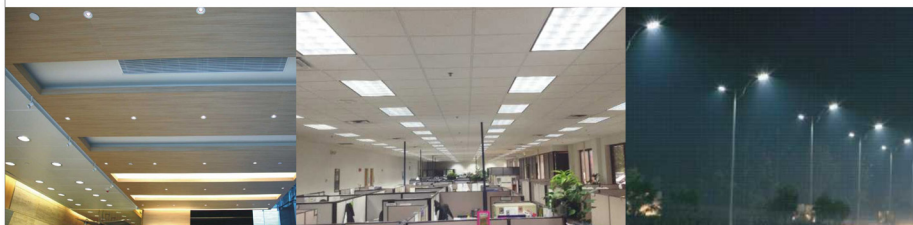


 **SUNDAK**
the Power of Nature



Residential & Industrial LED Lights





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