

# LED Lighting Solutions





# om-x LED Street Lights.....



## Service Street Lamp

Item No SSL-XX  
(XX--> 10 / 20 W)

Suitable For Solar Service Street Lighting in DC working voltages. Available in 12/24/48VDC.

Voltage : 170~260VAC 50/60HZ, PF>0.95, THD<12%  
12/24DC options available for solar system  
Color Options : Cool White, Warm White \*  
Beam angle : LED120° IP:65  
Lamp Size : 300X110X100 mm

Wattage Ranges	Lumen	Lux/Distance(met)
10	540	12/3
20	980	25/3



## Main Street Lamp

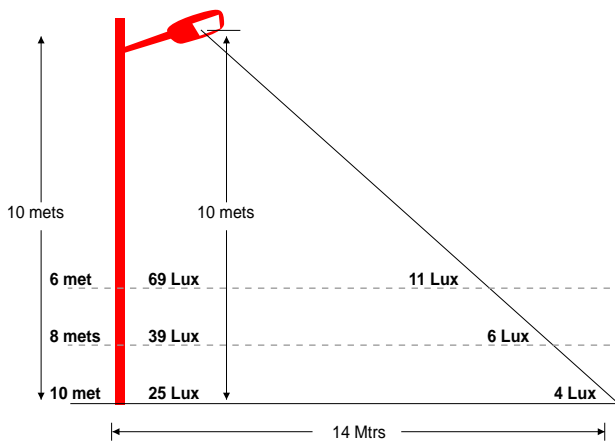
Item No SL -XXX  
(XXX--> 040W-060W-  
070W-090W-120W)

Voltage : 170~260VAC 50/60HZ ,PF>0.95, THD<12%  
12/24DC options available for solar system  
Color Options : Cool White, Warm White\*  
Beam angle : LED120° IP:65  
Lamp Size : 660 X 370 X135mm

Wattage Ranges	Lumen	Lux/Distance(met)
40	2100	32/5
60	3000	40/5
70	3600	60/5
90	4800	25/9
120	6000	30/9

RETROFITTING

Street light SL 120 (120W) Intensity Pattern (General)



Typical Intensity Pattern of 120W street Light

### GENERAL COMPARISON Between LED <-> HPSV <-> CFL LAMP

Specification	LED Street Light	High Pressure Sodium Vapour (HPSV)	CFL Fittings
Power Source	110VAC- 220VAC 12/24/48 VDC (required for Solar Cells)	200-260VAC DC not possible	200-270VAC DC not possible
Power Consumption	40W	120W	70 W
Dimming Option For power saving	possible	Not bellow 170VAC Max saving 30%	Not bellow 170VAC saving not possible
Working temp	80°-90° C	150-300 °C	90 -110 °C
Lamp Color Temp	2700 -6000° K	1950-2250° K	5000-5500°K
Life Span	50000-100000 Hrs	2000 Hrs	1500 Hrs
Maintenance	Not required	Recurrent	Recurrent

Intelligent dimming offered for saving up to 50% based on night timing for individual LED Street Light for details mail us







## .....OM- X .....

# .....SMD LED Tube Light Feature T8.....

### Technical parameters:

Light source	: 5050 SMD LED
Input Voltage	: 170V - 265V, 50Hz
LED Viewing Angle	: 120 degree.
LED color	: cool white / warm white
Materials	: Transparent or milky PC
Length	: 600mm, 1200mm
Working temperature	: 40C to 60C



Part Number	Dimension (mm)	LED	Power Qty	Luminous Flux(Lm)	Viewing angle	Emitting Color	Voltage AC 50 Hz	Remarks
1200-TB-CP-20	Ø30X1200	96	20W	1300±10%	120°	Cw/Dw	170-270	RC supply, with added with other inductive loads
600-TB-CP-10	Ø30X600	48	10W	700±10%	120°	Cw/Dw	170-270	
1200-TB-PF1-20	Ø30X1200	96	18W	1300±10%	120°	Cw/Dw	170-270	Driver (with dimmer*) * optional
600-TB-PF1-10	Ø30X600	48	9W	700±10%	120°	Cw/Dw	170-270	



## .....SMD LED Compact Lamp.....

### Technical parameters:

Light source	: 5050 SMD LED
Input Voltage	: 170V-265V,50Hz
LED Viewing Angle	: 120degree.
LED color	: cool white/warm white
Materials	: Transparent serrated PC
Length	: 545mm,270mm,150mm
Power consumption	: 10W, 5 W & 2.5W
Working temperature	: 40C to 60C



Available in  
545, 270, 150 mm (130° light emission)  
180 mm (360° light emission)



Holder Fittings  
125 mm 2.5W, 120° panel light  
150mm 2.5 W, 120° tube  
180mm 5.0 W, 240° double faced tube  
180mm 7.5 W, 360° triangular tube

Part Number	Dimension (mm)	LED	Power Qty	Luminous Flux(Lm)	Viewing angle	Emitting Color	Voltage Hz 50 AC	Remarks
545-FL-CP	22 X 545	48	10W	720±10%	120°	Cw/Dw	170-270	RC supply, with added advantage of capacitive PF setting helps reducing domestic electric bill
150-FL-CP-120-2.5	22 X 150	12	2.5W	350±10%	120°	Cw /Dw	170-270	
150-FL-CP-120-5	22 X 150	22	5W	170±10%	120°	Cw/Dw	170-270	
180-FL-CP-240-5	22 X 180	24	5W	370±10%	240°	Cw/Dw	170-270	
180-FL-CP-360-7.5	22 X 180	36	7.5W	370±10%	360°	Cw/Dw	170-270	

**Part no nomenclature: ( Length in mm) - ( FL type) - ( Power supply) - ( light angle) - ( Inpt watts)**  
For power saving , including carbon credit calculations contact us with number of fitting to be replaced.





# .... OM - X .....

## .....LED HIGH BAY LIGHTING.....



**HIGH BAY Lamp**  
**Item No HBR-XX**  
ROUND TOP MOUNTING  
**Suitable For:**  
**Production floors/**  
**Show rooms**

Voltage:170~260VAC 50/60HZ,PF>0.95, THD<12%  
12/24DC options available for solar system  
Color Options Cool White, Warm White \*  
Beam angle: LED 45/60/120° IP:54  
Round Lamp Size: Ø300X100 mm /Glass cover  
Square Lamp Size: 400 X350 X250(ht)mm

<b>Wattage Ranges</b>	<b>Lumen</b>	<b>Angle (general)</b>	<b>Lux/Distance in mets</b>
40	2300	±45°	100 / 5
60	3500	±45°	190 / 5
80	4500	±45°	245 / 5
100	6000	±45°	350 / 5
120	7500	±45°	430 / 5

Optional flaring Light angles available 60°/ 120° for same wattage. Intensity of light shall be less for more angle in same wattage.



**Hi Power Hi BAY Lamps**  
**Item Code: HBSQ-XX**  
Wall / ceiling Fitting  
**Suitable for :**  
**Hoarding / Malls / Production floors**

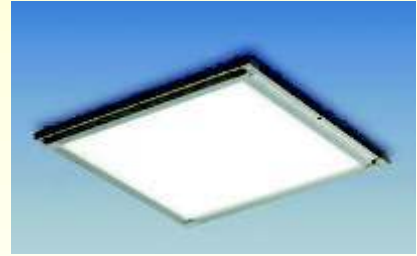




# .....OM -X LED Ceiling Panels.....

## Technical parameters:

Light source	: 5050 SMD LED
Input Voltage	: 170V - 265V, 50Hz
LED Viewing Angle	: 120 degree.
LED color	: cool white / warm white
Power Consumption	: 18W, 34W, 64W & 77W
Working temperature	: 40C to 60C



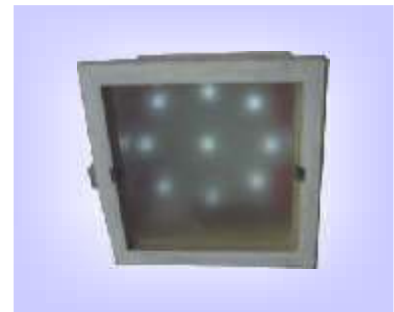
Part Number	Dimension (mm)	Power	Luminous Flux (Lm)	Beam angle	Emitting Color	Voltage AC 50 Hz	Luminance (Lux/1met)
PNL-0303-WW/CW	300X300X17	18W	1000	120°	Cw/Dw	170-270	400
PNL-0603-WW/CW	600X300X17	34W	1800	120°	Cw/ Dw	170-270	700
PNL-0606-WW/CW	600X600X17	64W	3300	120°	Cw / Dw	170-270	1100
PNH-0606-WW/CW	600X600X17	77W	5400	120°	Cw/ Dw	170-270	1800



# .....OM-X Ceiling Fittings.....

## Technical parameters:

Material	: LEDsin ABS / FG cabinet with power supply
Lighting sources	: 10W (RC supply/Driver) dimmer optional
Voltage	: 170 to 270V AC
Working time	: >40, 000 hours
Temperature range	: -40°C to + 80°C
Colors Available	: Warm white/ Cool white
Size	: (L) 120 x (W) 120 x (H)50mm (PCB with ckt)
Warantee	: 2 yrs from date of installations



Office Ceiling (pune Hinjewadi)



Office Ceiling (Pune Hinjewadi)



Jeweler Show Room (Nasik)

Applications:

False fitting lightings

Decorative hall lighting



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