



LED STREET LIGHT



Our Street light elegantly designed high grade aluminum pressure die cast housing with excellent thermal management design and powder coated with toughened glass cover, the high output LEDs, lenses and reflector for uniform light distribution and higher spacing between poles and provide significant cost savings when compared to conventional street lights. It comes standard with an IP 65 rating.

Application

💡 Pathways Lighting

💡 Parking lots

💡 Roadways Lighting

💡 Security Lighting

💡 Security Lighting

💡 Open warehouses

💡 Park Lighting

💡 Inhabitancy area

Specification

Part No	TSWSL-122	TSWSL-202	TSWSL-302	TSWSL-402	TSWSL-552	TSWSL-802	TSWSL-1002	TSWSL-1502
Power Consumption ($\pm 5\%$)	12W	20W	30W	40W	55W	80W	100W	150W
Electrical Data								
Input Voltage & Frequency	AC 100-277 V & 50 Hz ~ 60Hz							
Power factor	≥ 0.95							
Total Harmonic Distortion	$< 8\%$							
Driver Surge Voltage	$> 4KV$ (up to 20KV on request)- Input Low Voltage & Over Voltage Protection / Output Short Circuit and Open Circuit Protection							
System efficiency	$> 88\%$							
Photometric Data								
Rated Luminous Flux	> 1440 Lm	> 2400 Lm	> 3600 Lm	> 4800 Lm	> 6600 Lm	> 9600 Lm	> 12000 Lm	> 18000 Lm
Luminance	$> 12/9ft$	$> 16/12ft$	$> 20/12ft$	$> 25/15ft$	$> 30/18ft$	$> 35/24ft$	$> 30/30ft$	$> 33/40ft$
LED Beam Angle	120° (Secondary Optics Lenses used for better coverage)							
LED Light Source	SMD LED(LM80 life time tested part, High Lumen Output and Efficacy ,Designed for high current operation, Low Thermal Resistance)							
Color Rendering Index	≥ 80							
Luminous Efficiency	> 140 Lm/W							
Color Temperature (CCT)	Cool White (CW) 5000K~6500K { Neutral White (NW) 3900K~4500K , Warm White (WW) 2700K~3900K } on request							
Luminaire Data								
Luminaire weight	1 Kg	1 Kg	1.5 Kg	1.5 Kg	2.4 Kg	2.8 Kg	5.4 Kg	7.5 Kg
Rated Life	> 50000 Hours							
IP Rating	IP65							
Working Temperature	$-10^\circ c$ to $+ 50^\circ c$							
Luminaire Body & Finish	Epoxy white powder coated die cast aluminium housing & Toughened Glass							
Application & Mounting	Outdoor & Fixing in pipe							
Futures	Eco Friendly, Low Power Consumption, No UV & IR Radiation, Long Life, Less Heat, No Bugs, Instant On & Off							

Disclaimer: Owing to continuous innovation & improvement, Tejaslite reserves the right to make changes In the design/data/details without prior notice. Care has been taken to ensure that the information contained is correct.

Other Specification

Part No	TSWSL-122	TSWSL-202	TSWSL-302	TSWSL-402	TSWSL-552	TSWSL-802	TSWSL-1002	TSWSL-1502
System wattage	12W	20W	30W	40W	55W	80W	100W	150W
Product Photo								
Approximate Luminaire Dimension	L:350mm, W:95mm, H-65, Pipe Inner Dia: 35mm		L:385mm, W:145mm, H-60, Pipe Inner Dia: 35mm		L:405mm, W:175mm, H-90, Pipe Inner Dia: 50mm		L:405mm, W:175mm, H-90, Pipe Inner Dia: 50m	L:430mm, W:205mm, H-75, Pipe Inner Dia: 65mm



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