

LED STREET LIGHT

Futures

- Elegantly designed high grade aluminum pressure die cast housing and powder coated with toughened glass cover
- Different optics for different beam pattern with high spread using high quality lenses and reflector for glare free uniform light distribution
- Excellent thermal management – Ideal heat dissipation with good quality heat sink
- LED driver designed with low THD ,high surge protection, short circuit and open circuit protection & operate wide input voltage range for long life and sturdy performance
- Premium quality to operate under incommensurable environment

Application

**Pathways Lighting , Parking lots ,Roadways Lighting
Campuses ,Security Lighting ,Amenity road
Inhabitancy area, Construction sites, Yards
Park Lighting, Open warehouses**



12w-150w



Specification

Part No	TSWSL-122	TSWSL-202	TSWSL-302	TSWSL-402	TSWSL-552	TSWSL-802	TSWSL-1002	TSWSL-1502
Power Consumption (±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	>140Lm/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°C to + 50°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:350mm, W:95mm, H-65, Pipe Inner Dia: 35mm	L:385mm, W:145mm, H-60, 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: 50mm	L:430mm, W:205mm, H-75, Pipe Inner Dia: 60mm	L:430mm, W:205mm, H-75, Pipe Inner Dia: 65mm



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