

LLT High Power LED Street Light embodies state of the art high power LED technology which is a green energy and environment friendly.

Encased in a professional styled cast aluminium alloy housing which is powder coated with a special material and process which promotes self-cleaning as well as protection from the elements. They are also dust and waterproof and produce no UV Emissions which further enhances the "green" aspect of this range of products.

All of the installation hardware is made of high grade stainless steel to prevent corrosion and provide secure installations to new or existing light poles. **LLT LED Street Light** is easy to install or retro-fit to existing build-out for path, streets, road, and municipal applications.



LED STREET LIGHT



New Energy Saving High Brightness LED



Technical data

LED Consumption	50W	120W	180W
Input Voltage	AC 180 - 250 V		
Frequency Range	50/60 Hz		
Power Factor	> 0.9		
Total Harmonic Distortion	< 20%		
Power Efficiency	85%		
LED Luminous Efficiency	70 lm/w	65 lm/w	65 lm/w
LED Maintain Flux	3,654 lm	6,580 lm	11,500 lm
Lamp's Efficiency (%)	> 85%		
			8M - 80 Lux
		8M - 42 Lux	9M - 63 Lux
Center Illumination (E)	6M - 21.5 Lux	9M - 33 Lux	10M - 51 Lux
(height)	7M - 16 Lux	10M - 27 Lux	11M - 42 Lux
	8M - 12 Lux	11M - 22.3 Lux	12M - 35 Lux
Colour Temperature (CCT)	Pure White : 5,000 ~ 7,000K ; Warm White : 3,000 ~ 4,000K		
Colour Index (CRI)	Ra>70		
Light Source	1 watt LED		
Light Distribution Pattern	Asymmetric (Bat Wing) / Rectangular Beam		
Max. Light Intensity Angle	120°:The Horizontal Axis:110°,The Vertical Axis:45°; 140°:The Horizontal Axis 130,The Vertical Axis:45°		
Light Beam Angle	120°:The Horizontal Axis:120°,The Vertical Axis:60°; 140°:The Horizontal Axis 140,The Vertical Axis:60°		
Junction Temperature (Tj)	60 °C ±1 0 % (Ta = 25°C)		
Working Temperature	< 50 °C		
Working Humidity	10% ~ 90% RH		
Storage Temperature	10°C ~ 85°C		
Working Life	>50,000 Hrs		
Light Body	Aluminum Die-cast		
Dimensions (mm)	797(L) x 350(W) x 76.1(H)	773(L) x 385(W) x 138(H)	1142(L) x 466(W) x 93(H)
Net Weight	8kg	10kg	18kg
IP Rating	IP65		

Traditional Street Light



LED Street Light



Benefits of LED Street Light

- High lumen output
- Tremendous energy saving
- Long life
- High color index
- Revolutionary photometric design
- No glare or strobe effect
- No dust absorption or yellowing
- Instant start

