



T70

LED Street Light

Content

-  **01** — Product Description
-  **02** — Application Scenarios
-  **03** — Product Features
-  **04** — Technical Parameters
-  **05** — Installation Methods

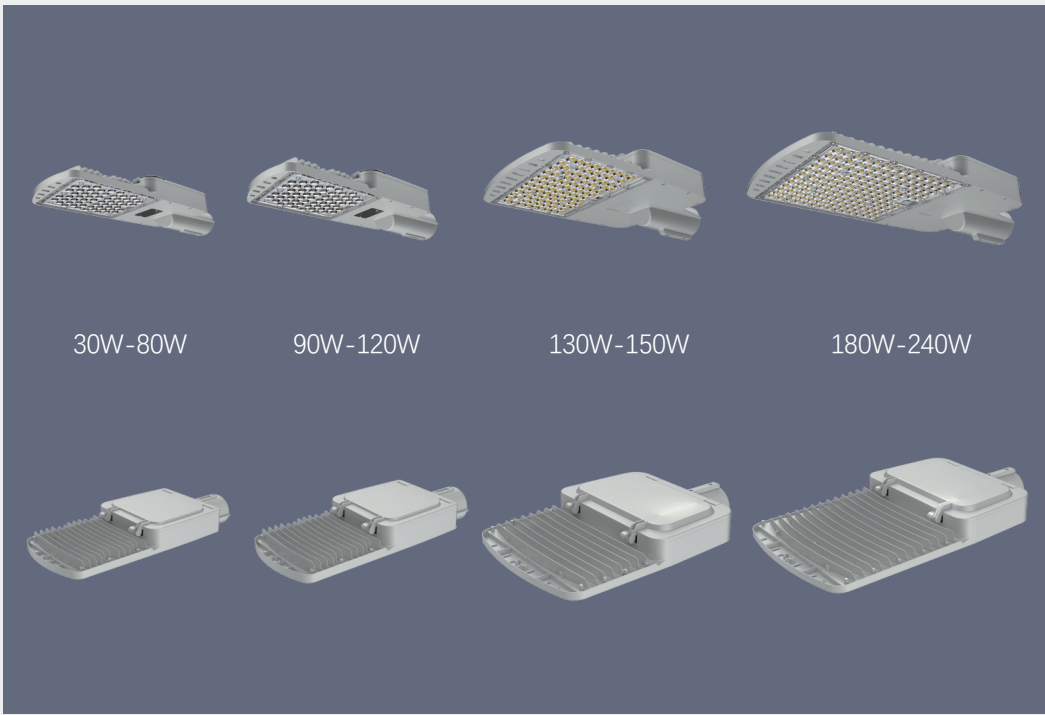
T70

This T70 LED street lamp is equipped with an efficient light source, achieving an overall luminous efficacy of up to 200lm/W. It covers a power range of 30W to 240W, meeting various lighting requirements from branch roads to expressway main roads. The lamp has an IP66 waterproof and dustproof rating and an IK08 impact resistance level, combined with a 17-level wind resistance design, ensuring stable operation even in severe weather conditions such as typhoons and heavy rain. Professional optical lenses support multiple light emission angles such as TYPE2, TYPE3, TYPE4 and TYPE5, precisely matching different road scenarios, providing uniform lighting and reducing glare. The integrated cast aluminum housing and high thermal conductivity heat dissipation structure effectively extend the service life, with a lifespan of 50,000 hours. It is suitable for urban roads, park roads, expressways and parking lots, and is an ideal choice for road lighting that combines high luminous efficacy and reliability.



T70 LED street light. Specifically designed for road lighting, it is suitable for urban roads, parkways, highways, outdoor parking lots, rural roads, residential areas, parks and other scenarios.





High mechanical strength

The lamp body is made of an integrated die-cast aluminum structure, combined with an efficient convection cooling design. This enables the heat generated by the light source and the power supply to be quickly conducted and evenly released, effectively reducing the junction temperature of the lamp beads and extending the lifespan of the entire lamp.

Multiple lighting angles

Equipped with professional optical lenses, it offers multiple light distribution schemes such as TYPE2, TYPE3, TYPE4 and TYPE5. It can be flexibly selected according to different road scenarios. Whether it is a city side road, main road, expressway or large square, it can achieve uniform lighting, reduce glare and light pollution, and significantly enhance the safety and comfort of road traffic.

sturdy and durable

The entire lamp has passed the 3G vibration test and has an IP66 & IK08 protection level, which can withstand heavy rain, dust and external impacts. Combined with a 17-level wind resistance design, it can operate stably even in extremely harsh climates such as coastal and mountainous areas, ensuring continuous, safe and reliable road lighting.

anti-corrosion

The surface of the lamp body has undergone anti-corrosion treatment. It has passed the WF2 test. Even if it is exposed to the complex environments such as coastal typhoons, acid rain or dust for a long time, the light can still maintain its appearance intact and structure stable, ensuring long-term stable operation and reducing the cost of later maintenance.

Lighting parameters

NO.	Angle	Light distribution angle diagram	Polar diagram
1	TYPE2		
2	TYPE3		
3	TYPE4		
4	TYPE5		



Model No.	T70-60W	T70-120W	T70-150W	T70-240W
Power	30W-80W	90W-140W	150W-190W	200W-240W
Input Voltage	AC120V-277V / AC200V-277V			
Efficiency	160±10lm/W			
Luminous Flux	4800-12800lm	14400-22400lm	24000-30400lm	32000-38400lm
Efficiency Pro	200±10lm/W			
Luminous Flux	6000-16000lm	18000-28000lm	30000-38000lm	40000-48000lm
CCT	3000K/4000K/5000K/5700K/6500K			
CRI	Ra>70			
Operating temperature range	-40℃~ + 45℃			
Insulation grade	CLASS I			
Angle	TYPE2/TYPE3/TYPE4/TYPE5			TYPE2/TYPE3
Collision prevention level	IK08			
waterproofing grade	IP66			
lifetime	50000hours			
surge protection	6KV/10KV			
net weight	2.1kg	2.9kg	4.0kg	4.7kg
product dimensions	476*160*81.5mm	467*190*92mm	483*300*108mm	583*300*108mm
Gross Weight	2.7kg	3.5kg	4.6kg	5.6kg
Carton size	56.2*27.2*16.9cm	56.2*27.2*16.9cm	55.2*36.2*17.9cm	65.2*36.2*17.9cm
Dimming method	1-10V / 0-10V			
Installation	Socket installation / support installation for 60mm diameter light posts			
Intelligent control requirements	Reserve NEMA interface			

Product dimensions diagram

