

KAISTAR[®]



LED Street Light

(Hitech Series)

CE FC   CB 

Certain certifications pending, inquire as to status.



Optical Parameters

Luminous Efficiency	Up to 180Lm/W
CCT	3000/4000K/5000K
CRI	>70 Option for >80
Beam angle	TII -M/L TII -M/L (Option TIV)
L70 Lifespan	≥100,000 hours (TM21)
Up Light Ratio (ULOR)	0%
LED	High luminous flux SMD 5050

Electrical Parameters

Size	Small	Medium	Large
Power	25W-60W	60W-120W	120W-180W
Protection Class	Class I / II		
Rated Input Voltage	100-277Vac,50/60Hz (Operating 90-305 Vac)		
Control	Dimmable 0-10,DAL1-2 & Programable Options		
NEMA Base	3, 5 & 7 Pins NEMA Base Options		
Power Factor	≥0.95 (at full load)		
THD	≤15%		
Operating Temp	-30℃-50℃		
Operating Humidity	≤95%		
Surge Protection	Internal up to 6KV with optional 10KV SPD		
Protection	Short Circuit /Over Voltage / Over Temperature		

General Parameters

IP & IK Rating	IP66 & IK09
Material	Die cast High Grade Aluminum
Frame Finishing	RAL 7012 (other RAL color upon request)
Installation Storing Temperature	Horizontal / Vertical +/- 15°& 90°-40~+60°C
Working Humidity	20-80% RH Non-condensing
Pole Adaptor	Φ 48-78mm range for pole arm
Vibration	up to 3G rated, ANSI standard C136-31
Conformity Standard	IEC/EN60598-2-3;IEC/EN 60598-1;EN 55015;
	EN 61547,EN 61000-3-2,EN 61000-3-3

Product Description

High quality durable die-cast aluminum body with a tool-free access for easy maintenance.

- Engineered for Highways, Roads and Area lighting
- Ready for Kaistar Smart City solution
- High-efficiency light source up to 180Lm/W
- 10KV or 20KV additional surge protection option
- Color temperature 3000K,4000K,5000K options
- Horizontal/ Vertical installation
- IP 66 and IK09
- State of the art LEDs: 

Dimension

Unit:mm

