

ASTON

26 COWPER STREET, FIRST FLOOR,
LONDON. UNITED KINGDOM
EC2A 4AP

Spec Sheet ASTON LED Sutton Street Light

STN01



Introduction



STN01 is a high quality LED Street Light with high luminous efficacy (135lm/w). With a smaller size and reliable and robust housing structure (IP66/IK08), that maximizes the endurance and contributes to its long lifetime. With its flexible installation accessories, it can be used in a wide variety of applications. Different models in wattage (30w to 150w), and various lumens package, let it to be the ideal replacement for traditional halogen lamp.

Features

1. LED service life: 50,000 hours @L70-30°C.
2. 5-years warranty.
3. Smooth body would not accumulate dust, sand or other solid material.
4. External vent/respirator: avoid internal fogging and frosting.
5. IP rating: IP66
6. Multiple mounting options.
7. Super high efficacy up to 135 lm/w.
8. Photocell compatible
9. Aluminum alloy, tempered glass and polycarbonate optical lens.

Applications

- Distribution centers
- Warehouses
- Factories
- Brand roads
- Commercial area
- Residential Streets
- Other heavy dust area

Certifications



Technical Specifications

Model No.	STN01-050	STN01-070	STN01-090	STN01-120	STN01-150
Power Consumption	50w	70w	90w	120w	150w
LED Type	NICHIA LED				
Luminous Flux (± 5%)	6,750 lm	9,450 lm	12,150 lm	16,200 lm	20,250 lm
Efficacy (5000K, Ra70)	135 lm/w				
CCT	4000 K (5000 K optional)				
CRI	RA70				
Power Supply	MEANWELL				
Input Voltage	100-240 VAC/100-277 VAC				
Power Factor	≥ 0.9				
Surge protection	6kV line-line, 10kV line-earth				
Product Dimension	763x352x167 mm				
Luminaire Net Weight	8.8 ± 0.3 kg		9.2 ± 0.3 kg		
Material	Aluminum Alloy, Polycarbonate Optical Lens + Tempered Glass				
Mounting Option	Pole Mounting / Wall Mounting				
Operating Temperature	-30°C to 50°C				
Life Time	> 50,000 Hrs				
Dimmable	Yes				
Intelligent Control	Photocell Control (optional)				
IP Rating	IP66				
Warranty	5 years				