



## S10 STREETLIGHT

20-240 watt LED area luminaire  
IP66 | IK08 | T2M Beam Angle | Pole Mount

### Application

A solution for residential, commercial, retail, Industrial, Education and Hospitality areas.

### Features

- Rated Voltage: AC100-277V, 50/60Hz
- Luminaire Efficacy: 130 | 150 | 170lm/W
- CCT: Warm White 2700K-3500K | Neutral White 4000K-4500K | Cool White 5000k-6000k
- Power Factor & Efficiency: >0.90 | >0.95%
- LED Type: Philips 5050-SMD
- Driver Type: Meanwell/Moso/Sosen/ Inventronics
- Impact Protection: IK08
- Electrical Class I
- Surge Protection: 6KV (10KV/20KV Optional)
- Operating Temp: -40°C ~ + 50°C
- Total Harmonic Distortions: ≤15%
- Colour Rendering Index: Ra>70
- Lumen Maintenance: L80 B10 50 000hrs
- Operational lifespan: 50 000hrs

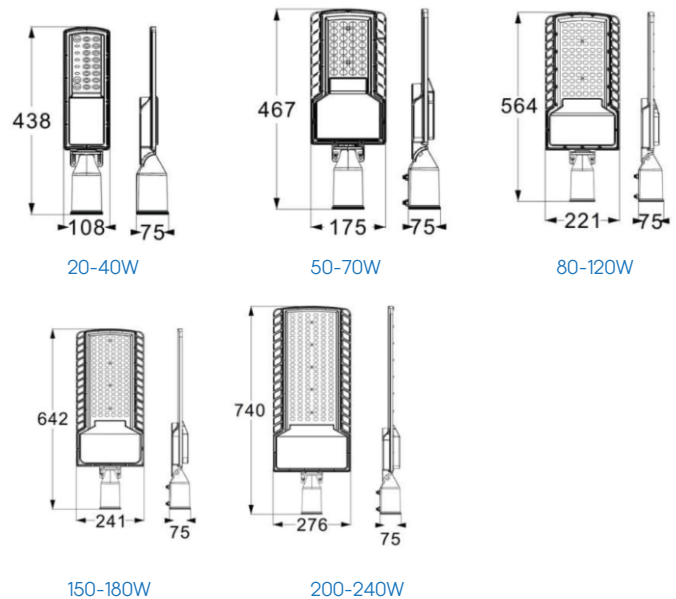
### Design Specifications

- Housing Body: ADC12 Die-cast Aluminium. Patent Mould-Integrated Die-Casting
- Lens: Glare free.
- Lens Cover: Poly Methyl Methacrylate - PMMA
- Housing Colour: Light Grey
- Anti Corrosion: Optional Coating
- Installation Hole Size: 60mm
- Entry & Output Cable: Through Spigot / 20cm (Standard)
- Mounting Shaft: 90/180°(±15°)

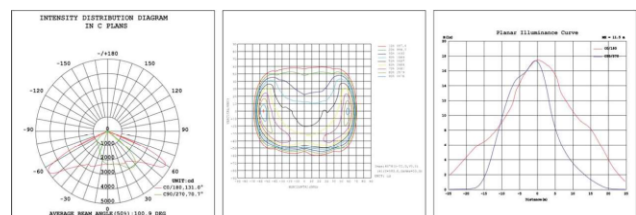
### Performance



### Dimensions



### Photometric Data



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## Standard

| Power Consumption (W) | LED Quantity T2 Lens (pcs) | Lamp Size (mm) | Luminous Flux | Net Weight (kg) |
|-----------------------|----------------------------|----------------|---------------|-----------------|
| 20-40W                | 24pcs                      | 438*108*75     | 3600-7200lm   | 1.15            |
| 50-70W                | 32pcs                      | 467*175*75     | 9000-12600lm  | 1.54            |
| 80-120W               | 72pcs                      | 564*221*75     | 1400-21600lm  | 1.89            |
| 150-180W              | 108pcs                     | 647*241*75     | 27000-32400lm | 2.21            |
| 200-240W              | 144pcs                     | 740*276*75     | 36000-43200lm | 2.50            |

## Intelligent Control

| Power Consumption (W) | LED Quantity T2 Lens (pcs) | Lamp Size (mm) | Luminous Flux | Net Weight (kg) |
|-----------------------|----------------------------|----------------|---------------|-----------------|
| 20-40W                | 24pcs                      | 438*108*140    | 3600-7200lm   | 1.26            |
| 50-70W                | 32pcs                      | 467*175*140    | 9000-12600lm  | 1.65            |
| 80-120W               | 72pcs                      | 564*221*140    | 1400-21600lm  | 2               |
| 150-180W              | 108pcs                     | 647*241*140    | 27000-32400lm | 2.32            |
| 200-240W              | 144pcs                     | 740*276*140    | 36000-43200lm | 2.61            |

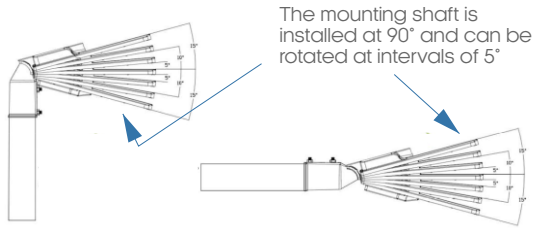
## Technical Specifications

| Model No. | Dimensions (mm) | Power | Efficacy lm/W   | CCT (K)    | CRI | Beam Angle | IMPACT PROTECTION |
|-----------|-----------------|-------|-----------------|------------|-----|------------|-------------------|
| S1000124  | L463*W108*H140  | 20W   | 130/150/170lm/W | 2700-6000K | >70 | T2M        | IK08              |
| S1000125  | L463*W108*H140  | 30W   | 130/150/170lm/W | 2700-6000K | >70 | T2M        | IK08              |
| S1000126  | L463*W108*H140  | 40W   | 130/150/170lm/W | 2700-6000K | >70 | T2M        | IK08              |
| S1000127  | L467*W175*H140  | 50W   | 130/150/170lm/W | 2700-6000K | >70 | T2M        | IK08              |
| S1000128  | L467*W175*H140  | 60W   | 130/150/170lm/W | 2700-6000K | >70 | T2M        | IK08              |
| S1000129  | L467*W175*H140  | 70W   | 130/150/170lm/W | 2700-6000K | >70 | T2M        | IK08              |
| S1000130  | L564*W221*H140  | 80W   | 130/150/170lm/W | 2700-6000K | >70 | T2M        | IK08              |
| S1000131  | L564*W221*H140  | 100W  | 130/150/170lm/W | 2700-6000K | >70 | T2M        | IK08              |
| S1000132  | L564*W221*H140  | 120W  | 130/150/170lm/W | 2700-6000K | >70 | T2M        | IK08              |
| S1000133  | L647*W241*H140  | 150W  | 130/150/170lm/W | 2700-6000K | >70 | T2M        | IK08              |
| S1000134  | L647*W241*H140  | 180W  | 130/150/170lm/W | 2700-6000K | >70 | T2M        | IK08              |
| S1000135  | L740*W276*H140  | 200W  | 130/150/170lm/W | 2700-6000K | >70 | T2M        | IK08              |
| S1000136  | L740*W276*H140  | 240W  | 130/150/170lm/W | 2700-6000K | >70 | T2M        | IK08              |

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### Adjustable Spigot



## Light Management System - LORAN



NEMA LORA Controller

LoRa/PWM/0-10V  
Cortex-M3 / Inserted antenna / Support 470, 510, 868 and 915 MHz  
Working current less than 120 mA  
Operating voltage: AC 100-277V  
Operating temperature: -30~70°C / R = 34.5 m  
Remote on/off and dimming / Group control lights  
Customised dimming strategies  
Voltage, current, power consumption data  
Fault alarm / Surveillance real-time monitoring



IP65 LoRaWAN Gateway

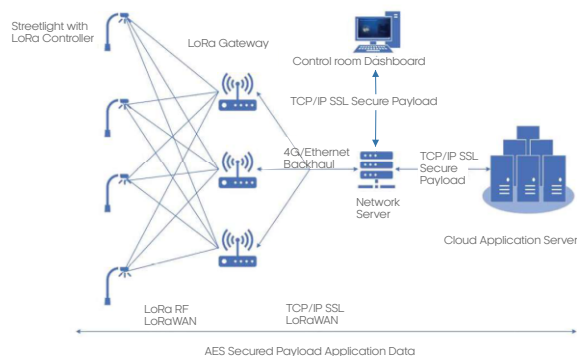
LoRa/4G & Ethernet Uplink Communication  
SX1301 main chip / Cortex core processor / Stable Linux system  
Operating voltage: 12-36V  
Operating current: 1A  
LAN interface & 4G interface  
Low power and high reliability  
Requires local SIM card info  
One gateway can carry all nodes within a radius of 3 km



IP20 LoRaWAN Gateway

LoRa/4G & Ethernet Uplink Communication  
SX1301 main chip / Cortex core processor / Stable Linux system  
Operating voltage: 12-36V  
Operating current: 1A  
LAN interface & 4G interface  
Low power and high reliability  
Requires local SIM card info  
One gateway can carry all nodes within a radius of 3 km

## LoRaWAN LMS Network Diagram



## S10 STREETLIGHT



### Certifications



### Optional Features

- Dimmable Options.
- Sensor Options.
- Emergency options are available on request.



Unit 21 & 22, Brentwood Office Park,  
Brentwood Park AH, Benoni.  
[info@lambdalumen.com](mailto:info@lambdalumen.com)  
Tel: +27 10 500 9150