StreetSense® LED Street Light - ATEX / IECEx
for Roadway and Area Illumination

JANUARY 2021
StreetSense LED Street Light - ATEX / IECEx
Standard Models

Certifications & Ratings
- ATEX / IECEx Zone 2
- CE
- IP65 (a cable gland with a minimum ingress protection rating of IP54 is required to maintain certification)

Mechanical Information:

<table>
<thead>
<tr>
<th>Weight</th>
<th>1 light engine</th>
<th>2 light engines</th>
<th>3 light engines</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixture</td>
<td>16lbs (7.26kg)</td>
<td>25lbs (11.34kg)</td>
<td>34lbs (15.42kg)</td>
</tr>
<tr>
<td>Shipping</td>
<td>21lbs (12kg)</td>
<td>30lbs (16kg)</td>
<td>39lbs (20kg)</td>
</tr>
</tbody>
</table>

Mounting:
Accommodates 1.25" (1.66" OD) - 2" (2.375" OD) 31.75mm (42.16mm OD) - 50.8mm (60.32mm OD) pipe. Provision for adjustment of +/- 5° at 2.5° increments.

EPA (Sq. ft):
- 1 light engine: 0.60
- 2 light engines: 0.87
- 3 light engines: 1.13

Electrical Specifications:

- Operating Voltage: Universal inputs 100 - 277V AC, 50/60 Hz
- Total system power consumption: See table
- Operating Temp: -40°F to 165°F (-40°C to 74°C) ambient
- Noise requirement /EMC: FCC Title 47, Subpart B, Section 15, class A device. RF Immunity; 10V/m, 80MHz-1GHz

Transient protection:
Open circuit surge protection 10kV standard per ANSI/IEEE C62.41, 2.2002 cat C high

THD:
<15% (100 - 240V AC)
<20% (277V AC)

Power Factor:
> 0.9

Construction:

- Housing: Die cast aluminum alloy A380 Polymetric materials UL94 flame retardant materials
- Finish: Polyester powder coat for superior corrosion resistance, Gray - RAL 7040
- Lens: Optically optimized, 6mm tempered glass

Photometric Information:

- CRI: 70
- CCT: 4300K (neutral white)
- Optics: IES Type III

All values typical unless otherwise stated (tolerance +/- 10%).
### StreetSense LED Street Light - ATEX / IECEx

#### Ordering Information

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Number of Light Engines</th>
<th>EPA (SQ. ft)</th>
<th>BUG Rating</th>
<th>Voltage</th>
<th>Lens</th>
<th>CCT</th>
<th>Fixture Lumens</th>
<th>Watt</th>
<th>LPW</th>
<th>Optical Pattern</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLA3N4CG</td>
<td>1</td>
<td>0.60</td>
<td>B1U1G1</td>
<td>100 - 277V AC</td>
<td>Tempered glass</td>
<td>4300K (neutral white)</td>
<td>6,400</td>
<td>62</td>
<td>103</td>
<td>Type III</td>
</tr>
<tr>
<td>SLA3N4HG</td>
<td>2</td>
<td>0.87</td>
<td>B2U1G2</td>
<td>100 - 277V AC</td>
<td>Tempered glass</td>
<td>4300K (neutral white)</td>
<td>12,500</td>
<td>125</td>
<td>100</td>
<td>Type III</td>
</tr>
<tr>
<td>SLA3N4SG</td>
<td>3</td>
<td>1.13</td>
<td>B3U1G3</td>
<td>100 - 277V AC</td>
<td>Tempered glass</td>
<td>4300K (neutral white)</td>
<td>23,400</td>
<td>228</td>
<td>103</td>
<td>Type III</td>
</tr>
</tbody>
</table>

All values typical unless otherwise stated, Lumen values are typical (tolerance +/- 10%).

---

**WARNING - INSTALLATION & SECONDARY RETENTION.** Use of any Dialight products without proper installation (including secondary retention / netting) and periodic inspections could cause severe injury or death. Dialight recommends that all installations should use secondary retention / netting (appropriate to the installation environment) where applicable. It is the exclusive responsibility of the contractor, installer and/or end-user to: (a) determine the suitability of the product for its intended application; and, (b) ensure that the product is safely installed (with secondary retention / netting where appropriate) and in compliance with all applicable laws and regulations. To the extent permissible under applicable laws, Dialight disclaims all liability for personal injury and/or other damage resulting from any dislodgment or other dislocation of its products.

www.dialight.com