

# Dialight



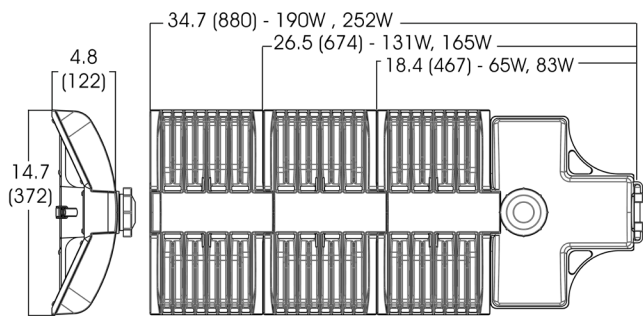
## StreetSense<sup>®</sup> LED Street Light - ATEX / IECEx for Roadway and Area Illumination



APRIL 2021

# StreetSense LED Street Light - ATEX / IECEx

## Standard Models



Dimensions in inches (mm)

### 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:

#### Fixture weight:

1 light engine:	16lbs (7.26kg)
2 light engines:	25lbs (11.34kg)
3 light engines:	34lbs (15.42kg)

#### Shipping weight:

1 light engine:	21lbs (12kg)
2 light engines:	30lbs (16kg)
3 light engines:	39lbs (20kg)

#### Mounting:

Accommodates 1.7" [43mm] ~ 2.3" [58mm] max 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 A360  
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%)

**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.

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## Ordering Information

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

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

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