

.....Dialight



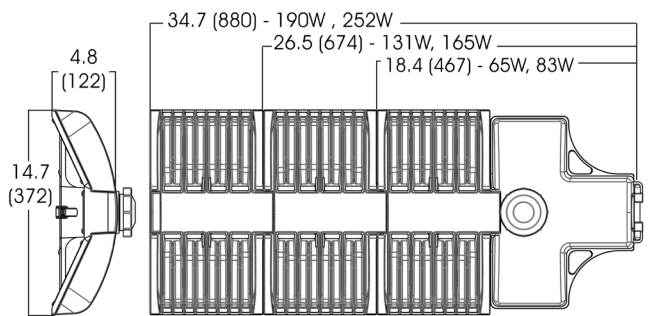
StreetSense[®] LED Street Light - ATEX / IECEx
for Roadway and Area Illumination



JANUARY 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 1.25" (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 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.

StreetSense LED Street Light - ATEX / IECEx

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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North American HQ

1501 Route 34 South
Farmingdale, NJ 07727
Tel: 732-919-3119
Fax: 732-751-5778
info@dialight.com

EMEA Technical Centre

Ejby Industrivej 91 B
2600 Glostrup
Tel: +45 8877 4545 (Denmark)
Tel: +44 1638 666541 (UK)
Tel: +49 89 12089 5713 (Germany)
Tel: +33 3 23 22 62 58 (France)
sales-europe@dialight.com

Middle East

205, Clover Bay Tower,
Al Abraj Street, Business Bay
P.O. Box 123997 Dubai, U.A.E.
Tel: +971 (4) 818 31 56

Australia

108 Howe Street
Osborne Park, WA 6017
Tel: +61 (0) 8 9244 7600
Fax: +61 (0) 8 9244 7601
info@dialight.com.au

Southeast Asia

33 Ubi Avenue 3
#07-72 Vertex (Tower A)
Singapore 408868
Tel: +65 6578 7157
Fax: +65 6578 7150
enquiry@dialight.com.sg

Brazil

Alameda Mercurio,
225 – American Park Empresarial NR
Indaiatuba – SP – 13347– 662
Tel: +55 (19) 3113-4300
Fax: +55 (19) 3113-4300
brasil@dialight.com

WARNING / DISCLAIMERS:

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