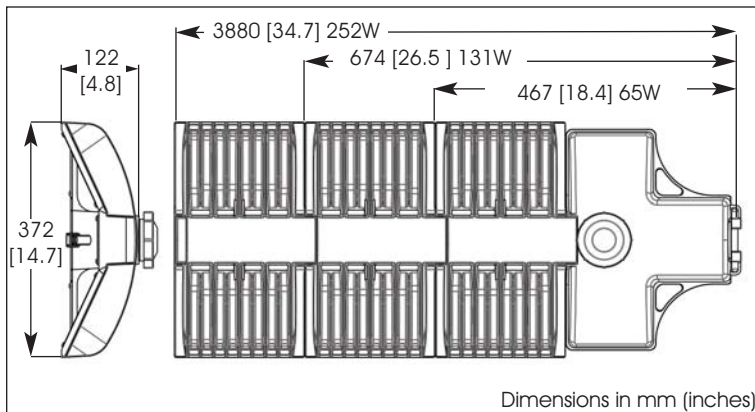




StreetSense® LED Street Light ATEX / IECEx



Certifications and Ratings:

- ATEX / IECEx Zone 2, 22
- Certificate Numbers: IECEx ETL 13.0017
ITS 13ATEX47874
- CE
- UL 1598 (Suitable for Wet Locations)
- CSA C22.2 No. 250.0-08
- IP 66

Protection Type:

- Ex nA IIC T3 Gc

Compliances:

- IEC 60079-0 : 2011
- EC 60079-15 : 2010
- RP-8-00 (R2005)
- IEC 60529 (IP 66)
- ANSI 1012
- ANSI C 136.15-2011
- ANSI/IEEE C62.41.2-2002
- ANSI/NEMA/ANSLG C78.377-2008
- ANSI C136.2-2004 (R2009)
- ANSI C136.3-2005
- ANSI C136.10-2006
- ANSI C136.21-2004
- ANSI C136.25-2009/IEC 60529
- ANSI C136.31-2001
- ANSI C136.32-2006
- ANSI C136.37-2011
- ASTM B117-97
- ASTM B117 - salt spray (3000 hours)
- Conforms with CALTRANS vibration test 611 – 3G vibration (2,000,000 cycles)

Warranty:

- 7 year full performance warranty

Mechanical Information

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

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

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

Electrical Specifications

Operating Voltage: Universal inputs
100-277V AC, 50/60Hz

Total System Power Consumption: See table

Operating Temp: -40°C to 74°C (-40°F to 165°F)

Noise Requirements / EMC: FCC Title 47, Subpart B, Section 15, class A device. RF Immunity; 10V/m, 80MHz-1GHz

Transient Protection 100-277VAC, 50/60Hz: Open circuit surge protection 6kV standard per ANSI/IEEE C62.41. 2.2002 cat C low

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

Power Factor: >0.9

Material

Housing: Die cast alum alloy A360
Polymeric materials UL94 V0 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: 4,300K (neutral white)

Optics: IES Type III

All values typical unless otherwise stated
All lumen values are typical (tolerance +/- 10%)



StreetSense® LED Street Light

Ordering Information

Part Number	Initial Fixture Lumens	Total System Power Consumption	Lumen Per Watt	BUG Rating
SLA3N4CG	5,500	65	85	B1U1G1
SLA3N4HG	10,900	131	83	B2U1G2
SLA3N4SG	20,250	252	80	B3U1G3

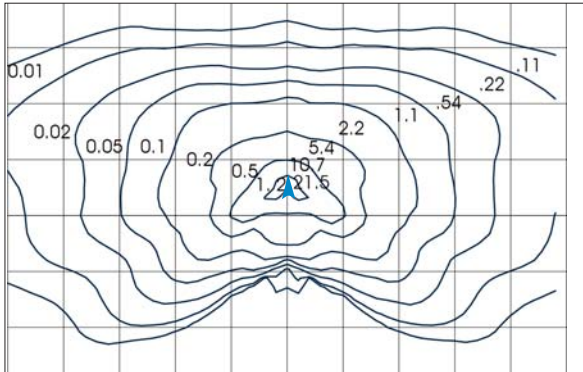
Note: Consult Factory for additional power, IES distribution and color temperature types

Measurement Data - IES Type III

Iso-Illuminance Chart

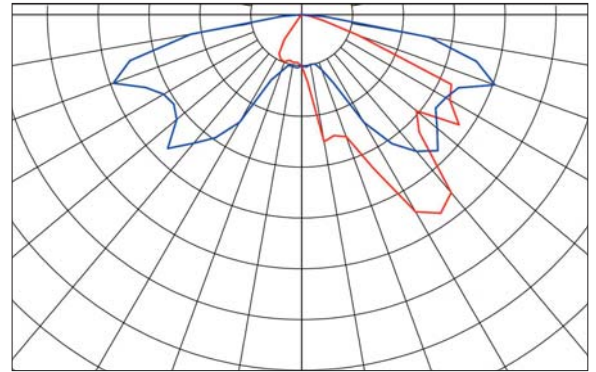
Intensity Distribution Curve (cd)

65 Watt

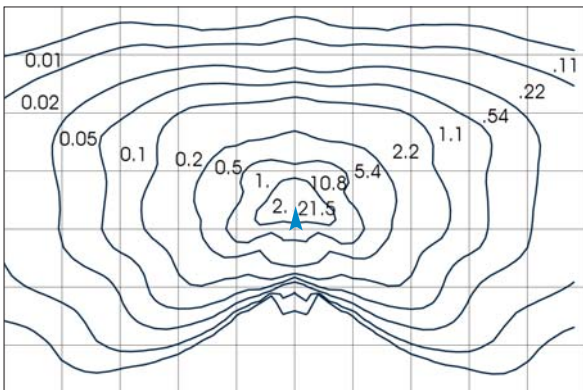


Mounting height - 25' (7.6m)

Mounting Height	Multiplier
10' (3.0m)	6.25
15' (4.6m)	2.778
20' (6.1m)	1.563
25' (7.6m)	1
30' (9.1m)	0.694
35' (10.7m)	0.51
40' (12.7m)	0.391
45' (13.4m)	0.309
50' (15.2m)	0.25

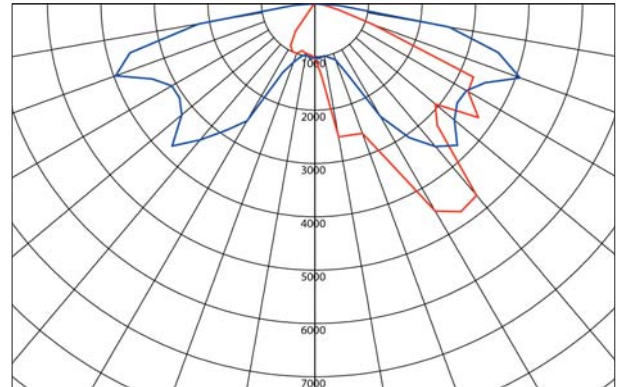


131 Watt

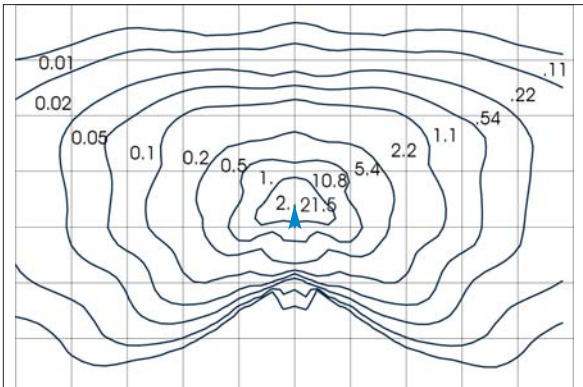


Mounting height - 30' (9.1m)

Mounting Height	Foot Candle Multiplier
10' (3.0m)	9
15' (4.6m)	4
20' (6.1m)	2.25
25' (7.6m)	1.44
30' (9.1m)	1
35' (10.7m)	0.735
40' (12.7m)	0.563
45' (13.4m)	0.444
50' (15.2m)	0.36

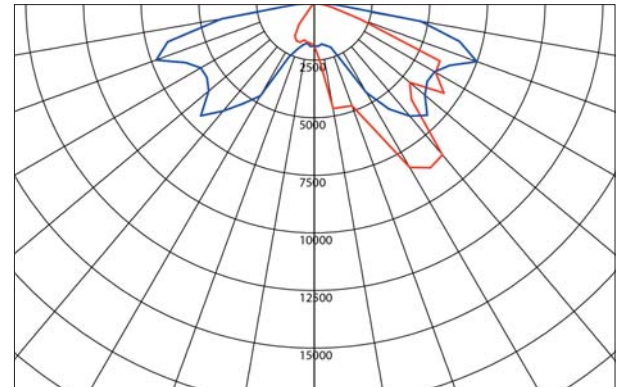


252 Watt



Mounting height - 40' (12.1m)

Mounting Height	Multiplier
10' (3.0m)	16.000
15' (4.6m)	7.111
20' (6.1m)	4.000
25' (7.6m)	2.560
30' (9.1m)	1.778
35' (10.7m)	1.306
40' (12.7m)	1.000
45' (13.4m)	0.790
50' (15.2m)	0.640



▲ - Location of streetlight
 Spacing of each box is equal to mounting height in feet (meters).
 Ex: 40' (12.2m) mounting height = each box is 40' (12.2m), 30' (9.1m) mounting height = each box is 30' (9.1m)
 Values shown are for cool white and neutral white units, for warm white multiply the Fc or Lux value by .82

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