

.....Dialight

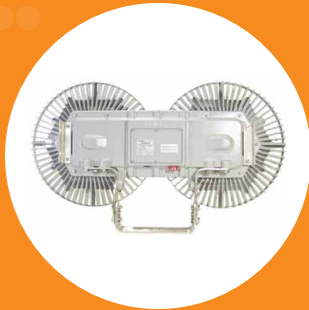


StreetSense® LED Street Light - ATEX / IECEx
for Roadway and Area Illumination



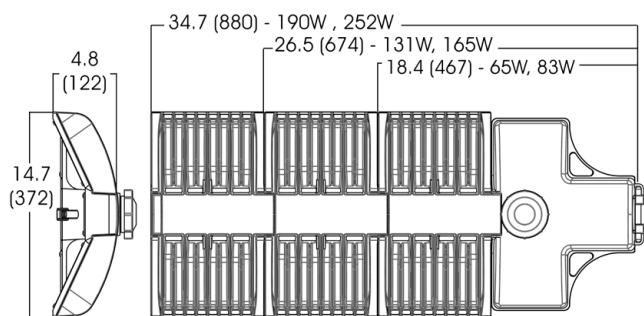
On when it matters most.

Products and solutions that protect your business



StreetSense LED Street Light - ATEX / IECEx

Standard Models



Dimensions in inches (mm)

Certifications & Ratings

- UL1598 (suitable for wet locations)
- ATEX / IECEx Zone 2
- CSA C22.2 No. 250.0-08
- 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%)

StreetSense LED Street Light - ATEX / IECEx

Ordering Information and Mounting Accessories

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)	5,500	65	85	Type III
SLA3N4HG	2	0.87	B2U1G2	100 - 277V AC	Tempered glass	4300K (neutral white)	10,900	131	83	Type III
SLA3N4SG	3	1.13	B3U1G3	100 - 277V AC	Tempered glass	4300K (neutral white)	20,250	252	80	Type III

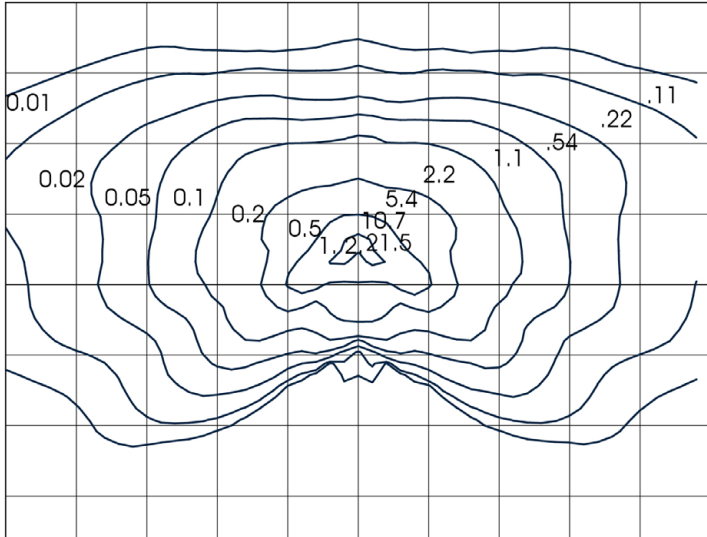
All values typical unless otherwise stated, Lumen values are typical (tolerance +/- 10%).

StreetSense LED Street Light - ATEX / IECEx

Light Distribution and Measurement Data - IES Type III

65 Watt

Iso-Illuminance Chart



Mounting height - 25' (7.6m)

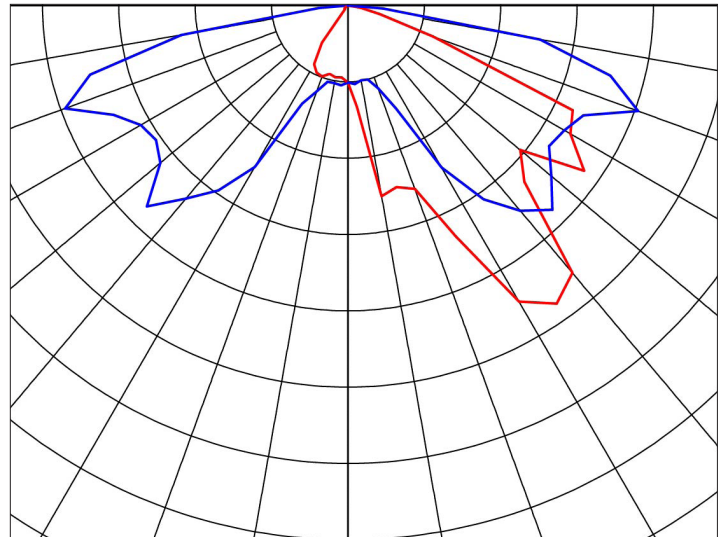
- Location of streetlight

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)

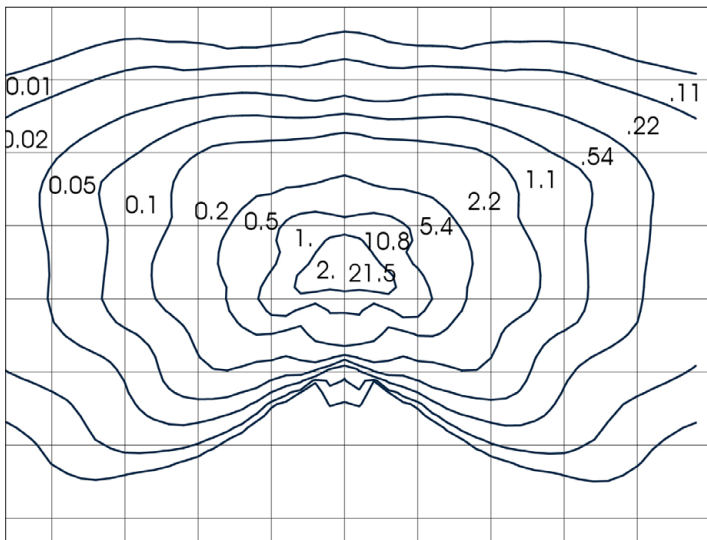
Values shown are for cool white and neutral white units, for warm white multiply the Fc or Lux value by .82

Intensity Distribution Curve (cd)



131 Watt

Iso-Illuminance Chart



Mounting height - 30' (9.1m)

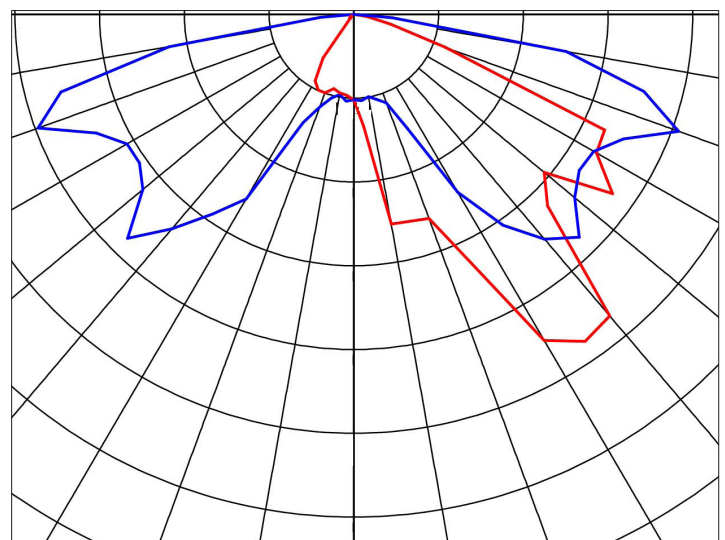
- Location of streetlight

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

Intensity Distribution Curve (cd)



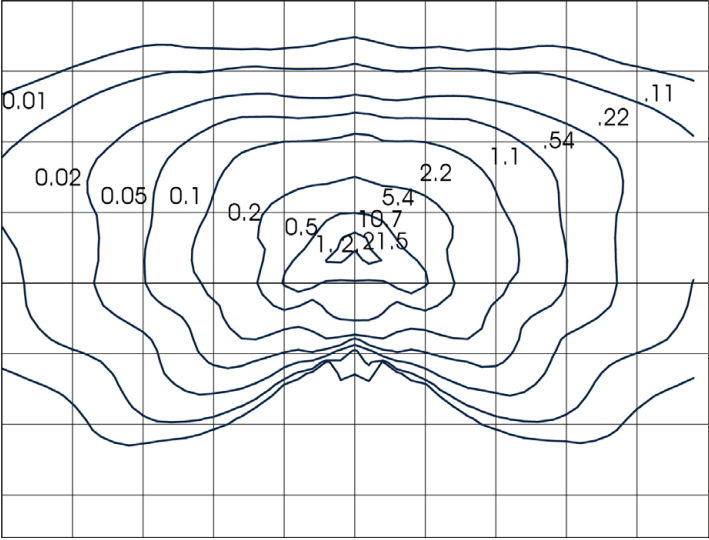
Mounting Height	10' (3.0m)	15' (4.6m)	20' (6.1m)	25' (7.6m)	30' (9.1m)	35' (10.7m)	40' (12.2m)	45' (13.4m)	50' (15.2m)
Multiplier	6.25	2.778	1.563	1	0.694	0.51	0.391	0.309	0.25

StreetSense LED Street Light - ATEX / IECEx

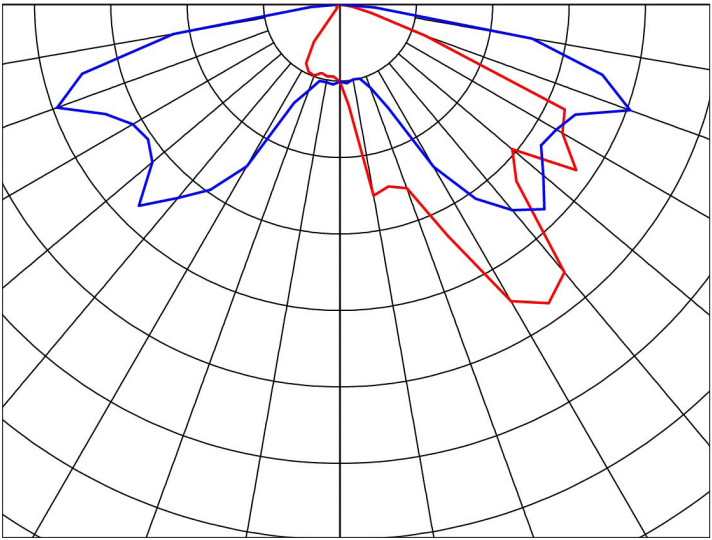
Light Distribution and Measurement Data - IES Type III

252 Watt

Iso-Illuminance Chart



Intensity Distribution Curve (cd)



Mounting height - 40' (12.1m)
- 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

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

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ALLE WERTE SIND BEMESSUNGS- ODER TYPISCHE WERTE BEI MESSUNG UNTER LABORBEDINGUNGEN. DIE HIERIN ANGELEGEBENE LABOREFFIZIENZ WIRD AUF BASIS VON LUMEN PRO WATT BEIM VERGLEICH VON LEUCHTEN MIT ÄHNLICHEN FUNKTIONEN BERECHNET. ALLE AUFGEFÜHRTE INFORMATIONEN SIND ZUM ZEITPUNKT DER VERÖFFENTLICHUNG RICHTIG UND KÖNNEN JEDERZEIT OHNE MITTEILUNG GEÄNDERT WERDEN. DIE INFORMATIONEN SIND KEIN BESTANDTEIL EINES VERTRAGES MIT DIALIGHT. DIALIGHT GIBT KEINE GARANTIE ODER ZUSICHERUNG IN BEZUG AUF DIE EIGNUNG SEINER PRODUKTE FÜR EINEN BESTIMMTEN ZWECK AB UND ÜBERNIMMT AUCH KEINE HAFTUNG FÜR DIE [UNANGEMESSENE/ UNAUTORISIERTE/NICHT GENEHMIGTE] VERWENDUNG VON DIALIGHT-PRODUKTEN DURCH DEN ENDNUTZER.

Dialight behält sich das Recht auf jederzeitige Änderungen vor, um das bestmögliche Produkt liefern zu können.

Die aktuelle Version dieses Dokuments ist immer unter der folgenden Website verfügbar: www.dialight.com