

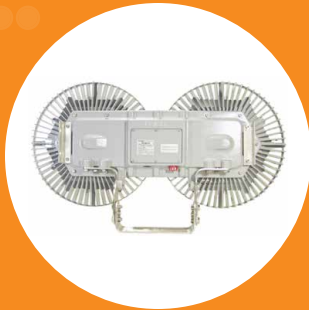
.....Dialight



StreetSense® LED Street Light - UL
for Roadway and Area Illumination

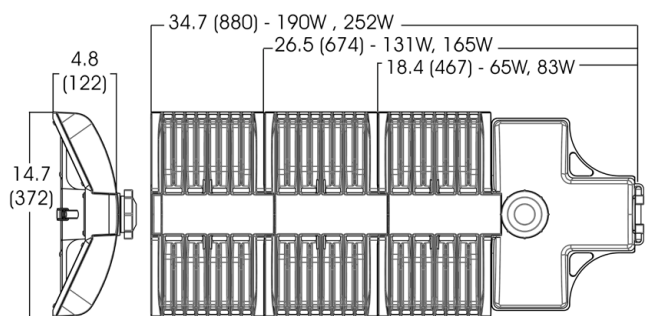
On when it matters most.

Products and solutions that protect your business



StreetSense LED Street Light - UL

Standard Models



Dimensions in inches (mm)

Certifications & Ratings

- UL1598
- CE
- CSA C22.2 No. 250.0-08

Mechanical Information:

Fixture weight:

65W, 83W:	16lbs (7.26kg)
131W, 165W:	25lbs (11.34kg)
190W, 252W:	34lbs (15.42kg)

Shipping weight:

65W, 83W:	21lbs (12kg)
131W, 165W:	30lbs (16kg)
190W, 252W:	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):

65, 83W:	0.60
131W, 165W:	0.87
190W, 252W:	1.13

Electrical Specifications:

Operating Voltage:

100 - 277V AC, 50/60 Hz
347 - 480V AC, 50/60 Hz

Total system power consumption:

See table

Operating Temp:

40°F to 165°F (-40°C to 74°C) ambient

Terminal Block:

#14 AWG (1.6mm) to #6 AWG (4.1mm) wire and accessible via hinged tool less entry

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:

<20%

Power Factor:

> 0.9

Construction:

Housing:

Copper free aluminum

Finish:

Superior dual coat finish
- Sealed polyester topcoat
- Chemical-resistant epoxy primer

Lens:

Optically optimized, tempered glass

Photo controller socket:

Standard NEMA three prong twist lock, socket with shorting cap, as per ANSI C136.10

Photometric Information:

CRI:

>70

CCT:

5000K (cool white)
4300K (neutral white)

Optics:

IES Type III

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

StreetSense LED Street Light - UL

Ordering Information

Part Number	Number of Light Engines	EPA (SQ. ft)	BUG Rating	Voltage	Lens	CCT	Fixture Lumens	Watt	LPW	Optical Pattern
Standard Models - 100 - 277V AC										
SL3C5CLGG	1	0.60	B1U1G1	100 - 277V AC	Tempered glass	5000K (cool white)	5,500	65	85	Type III
SL3C5DLGG	1	0.60	B2U1G2	100 - 277V AC	Tempered glass	5000K (cool white)	6,800	83	82	Type III
SL3C5HLGG	2	0.87	B2U1G2	100 - 277V AC	Tempered glass	5000K (cool white)	10,900	131	83	Type III
SL3C5ILGG	2	0.87	B3U1G3	100 - 277V AC	Tempered glass	5000K (cool white)	13,300	165	81	Type III
SL3C5RLGG	3	1.13	B3U1G3	100 - 277V AC	Tempered glass	5000K (cool white)	16,000	190	84	Type III
SL3C5SLGG	3	1.13	B3U1G3	100 - 277V AC	Tempered glass	5000K (cool white)	20,250	252	80	Type III
Standard Models - 347 - 480V AC										
SL3C7CLGG	1	0.60	B1U1G1	347 - 480V AC	Tempered glass	5000K (cool white)	5,500	65	85	Type III
SL3C7DLGG	1	0.60	B2U1G2	347 - 480V AC	Tempered glass	5000K (cool white)	6,800	83	82	Type III
SL3C7HLGG	2	0.87	B2U1G2	347 - 480V AC	Tempered glass	5000K (cool white)	10,900	131	83	Type III
SL3C7ILGG	2	0.87	B3U1G3	347 - 480V AC	Tempered glass	5000K (cool white)	13,300	165	81	Type III
SL3C7RLGG	3	1.13	B3U1G3	347 - 480V AC	Tempered glass	5000K (cool white)	16,000	190	84	Type III
SL3C7SLGG	3	1.13	B3U1G3	347 - 480V AC	Tempered glass	5000K (cool white)	20,250	252	80	Type III

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

Part numbers listed in the above table are cool white. For neutral white model, replace the 4th character with **N** Ex: SL3C5CLGG becomes SL3N5CLGG

StreetSense LED Street Light - UL

Mounting and Accessories



SLSHIELDKIT

- House side shield



SL-PC01R

- 105 - 305V AC Photocontroller

SL-PC02R

- 312 - 382V AC Photocontroller

SL-PC03R

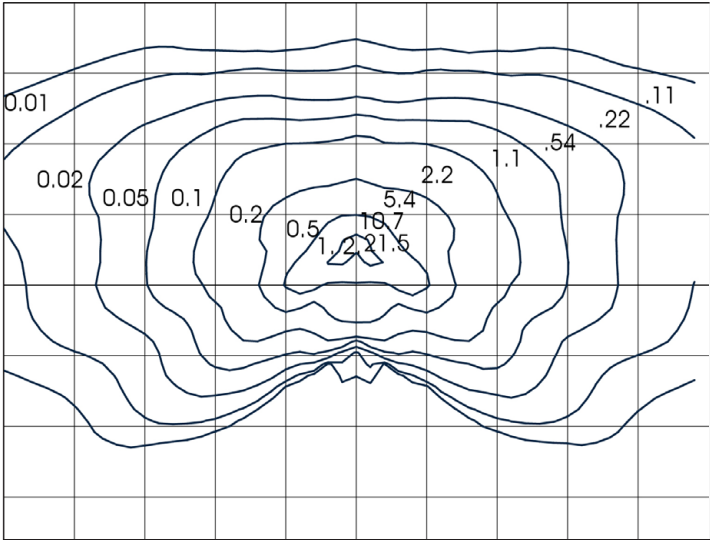
- 432 - 528V AC Photocontroller

StreetSense LED Street Light - UL

Light Distribution and Measurement Data - IES Type III

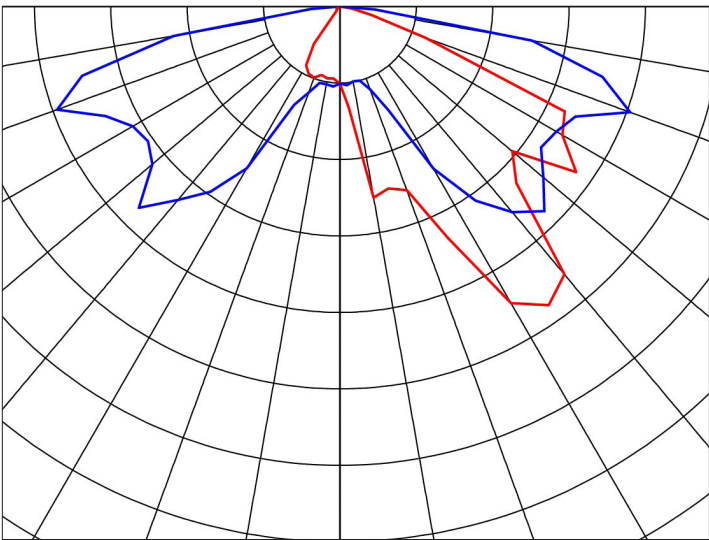
65 Watt

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

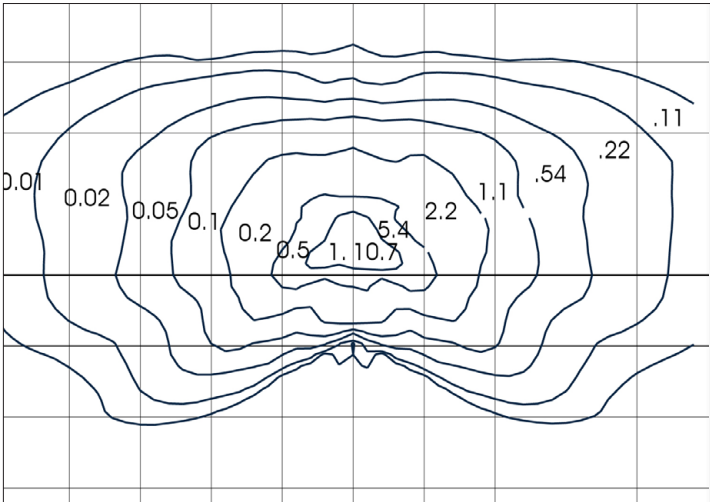
Intensity Distribution Curve (cd)



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	6.25	2.778	1.563	1	0.694	0.51	0.391	0.309	0.25

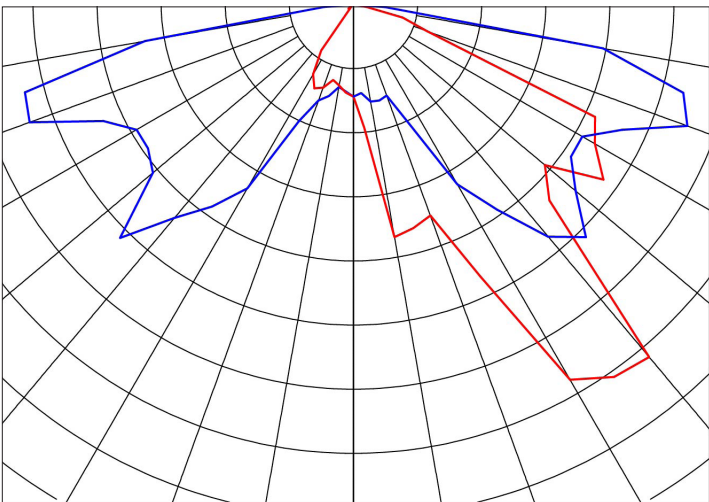
83 Watt

Iso-Illuminance Chart



Mounting height - 25' (7.6m)
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Intensity Distribution Curve (cd)



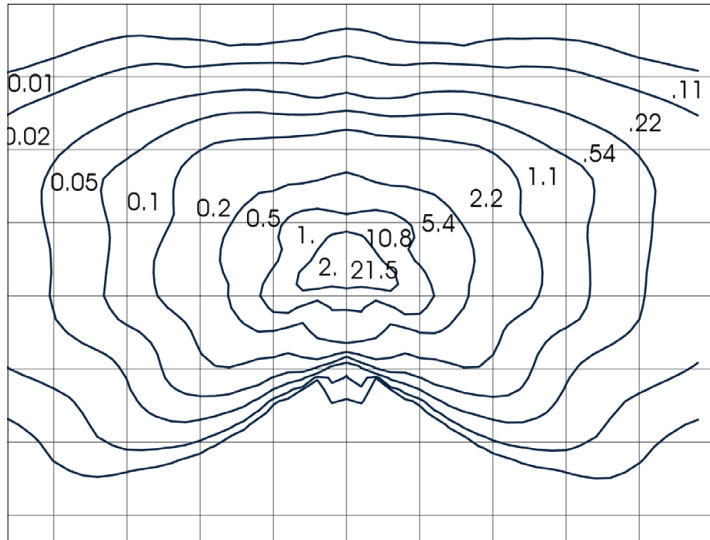
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Multiplier	6.25	2.778	1.563	1	0.694	0.51	0.391	0.309	0.25

StreetSense LED Street Light - UL

Light Distribution and Measurement Data - IES Type III

131 Watt

Iso-Illuminance Chart



Mounting height - 25' (7.6m)

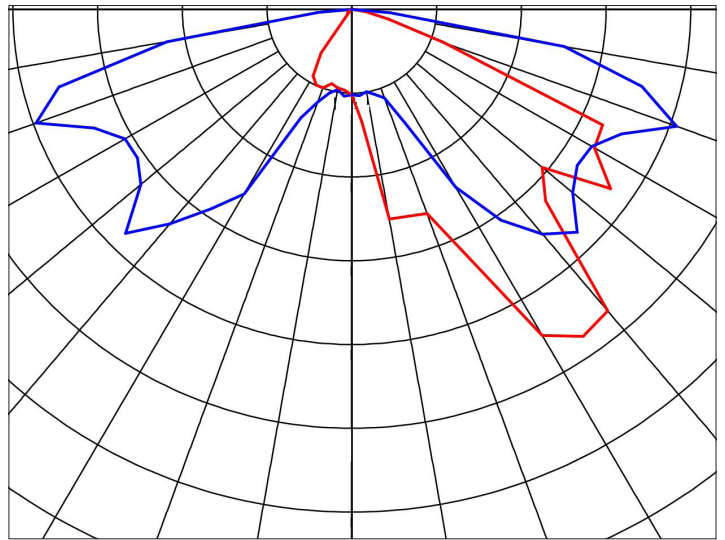
- Location of streetlight

Spacing of each box is equal to mounting height in feet (meters).

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

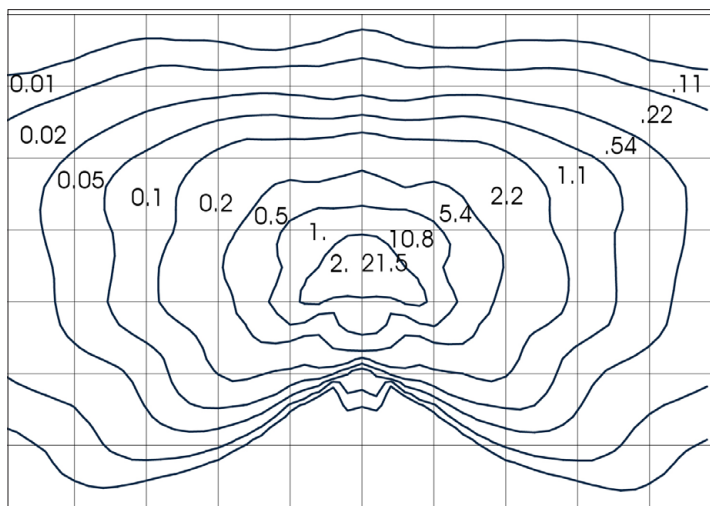
Intensity Distribution Curve (cd)



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

165 Watt

Iso-Illuminance Chart



Mounting height - 25' (7.6m)

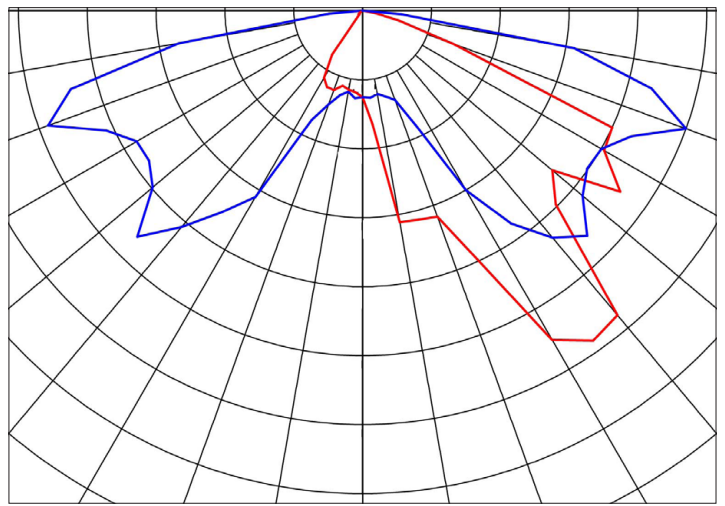
- Location of streetlight

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)



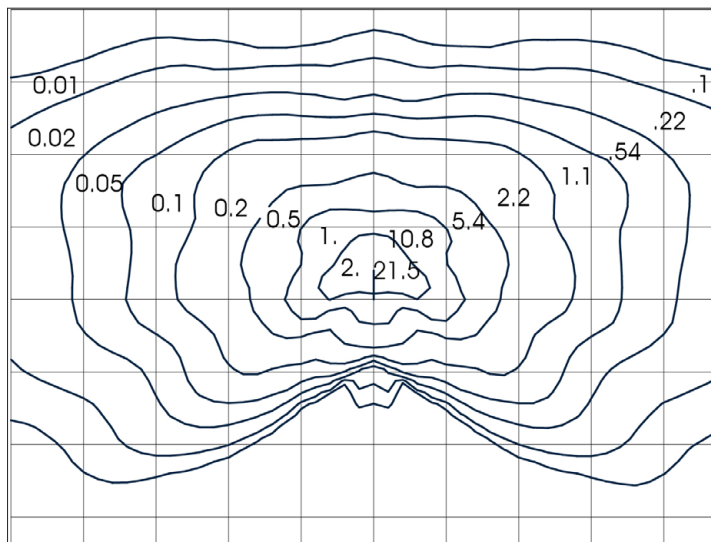
Mounting Height	10' (3.0m)	15' (4.6m)	20' (6.1m)	25' (7.6m)	30' (9.1m)	35' (10.7m)	40' (12.7m)	45' (13.4m)	50' (15.2m)
Multiplier	6.25	2.778	1.563	1	0.694	0.51	0.391	0.309	0.25

StreetSense LED Street Light - UL

Light Distribution and Measurement Data - IES Type III

65 Watt

Iso-Illuminance Chart



Mounting height - 25' (7.6m)

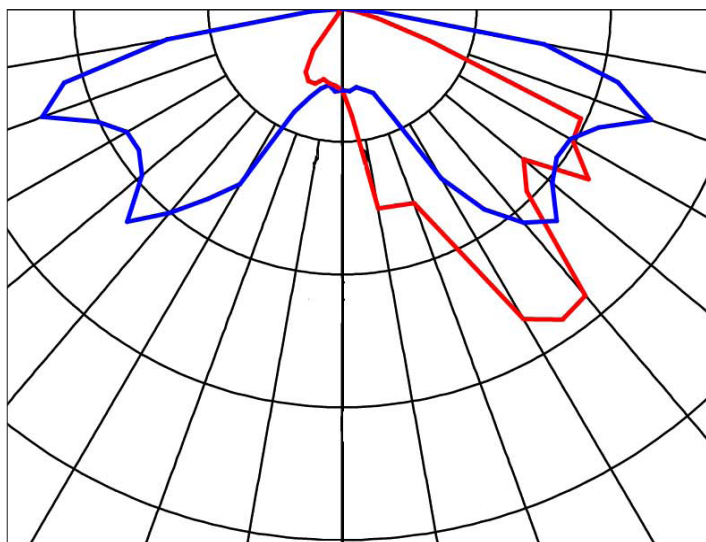
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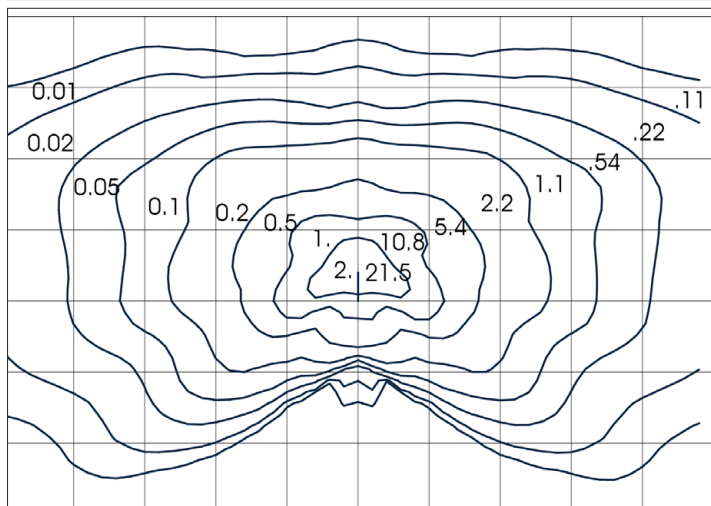
Intensity Distribution Curve (cd)



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Multiplier	6.25	2.778	1.563	1	0.694	0.51	0.391	0.309	0.25

83 Watt

Iso-Illuminance Chart



Mounting height - 25' (7.6m)

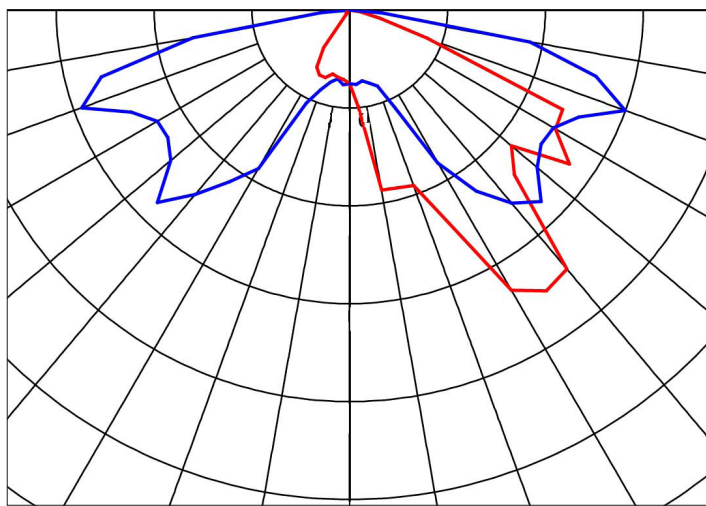
- Location of streetlight

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