Dialight

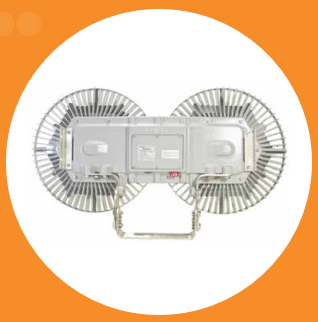


StreetSense® LED Street Light - UL

for Roadway and Area Illumination

On when it matters most.

Products and solutions that protect your business



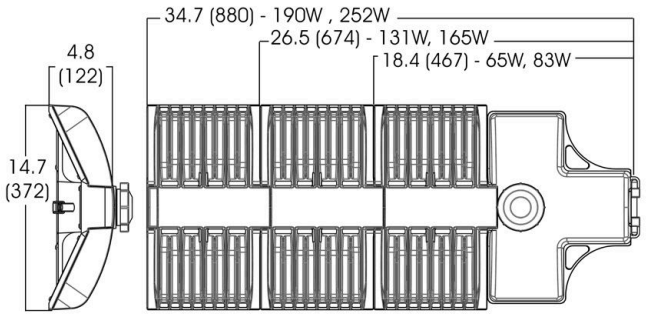




StreetSense LED Street Light - UL

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: SL3**C**5CLGG becomes SL3**N**5CLGG

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

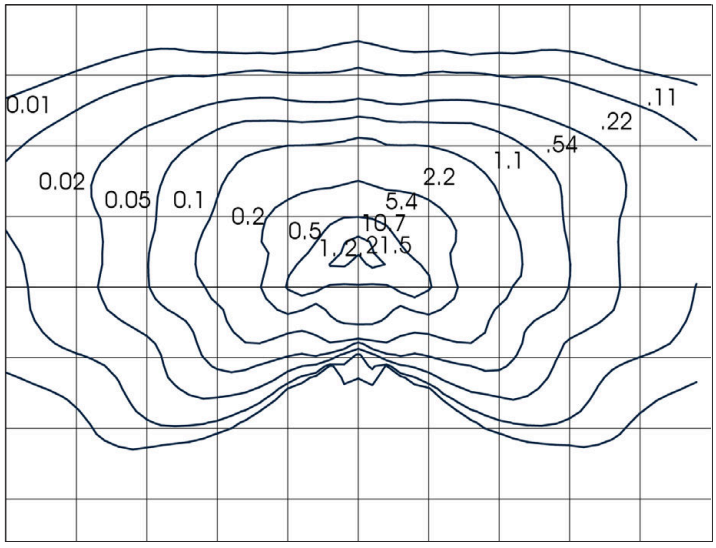
- 432 - 528V AC Photocontroller

StreetSense LED Street Light - UL

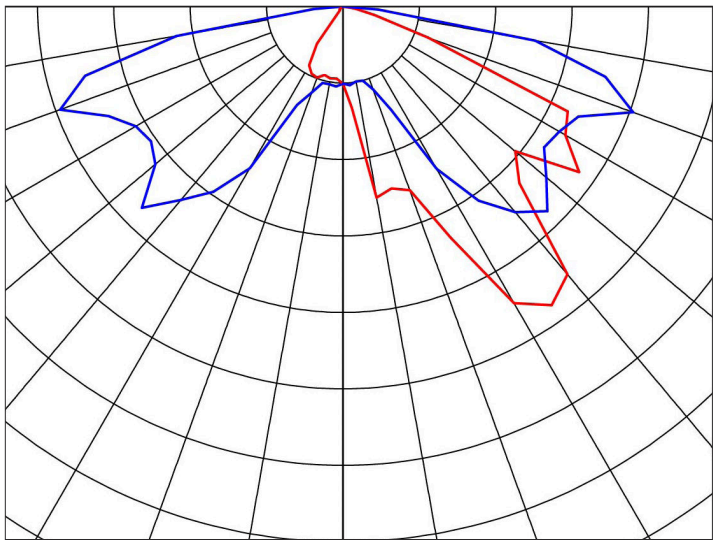
Light Distribution and Measurement Data - IES Type III

65 Watt

Iso-Illuminance Chart



Intensity Distribution Curve (cd)



Mounting height - 25' (7.6m)

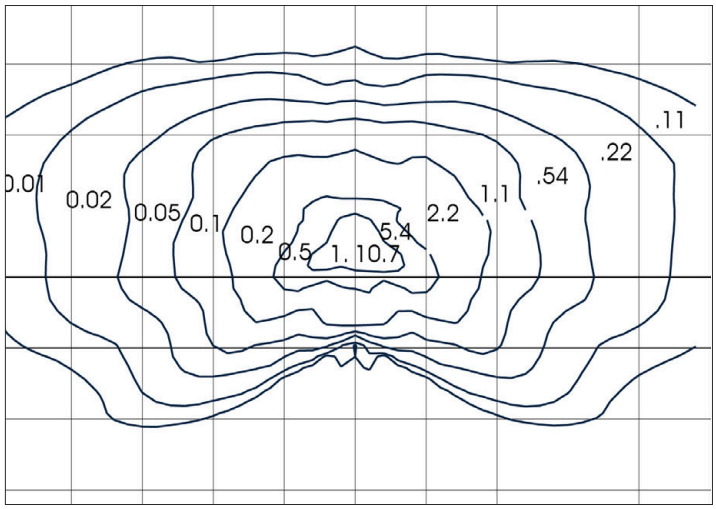
- Location of streetlight

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

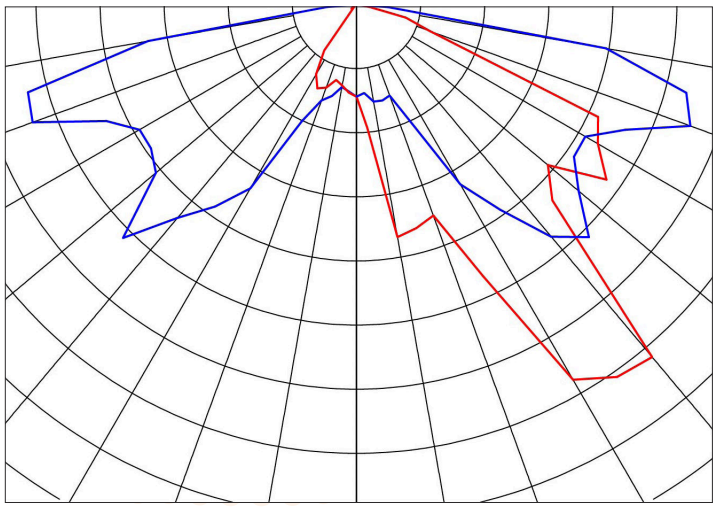
Mounting Height	10' (3.0m)	15' (4.6m)	20' (6.1m)	25' (7.6m)	30' (9.1m)	35' (10.7m)	40' (12.7m)	45' (13.4m)	50' (15.2m)
Multiplier	6.25	2.778	1.563	1	0.694	0.51	0.391	0.309	0.25

83 Watt

Iso-Illuminance Chart



Intensity Distribution Curve (cd)



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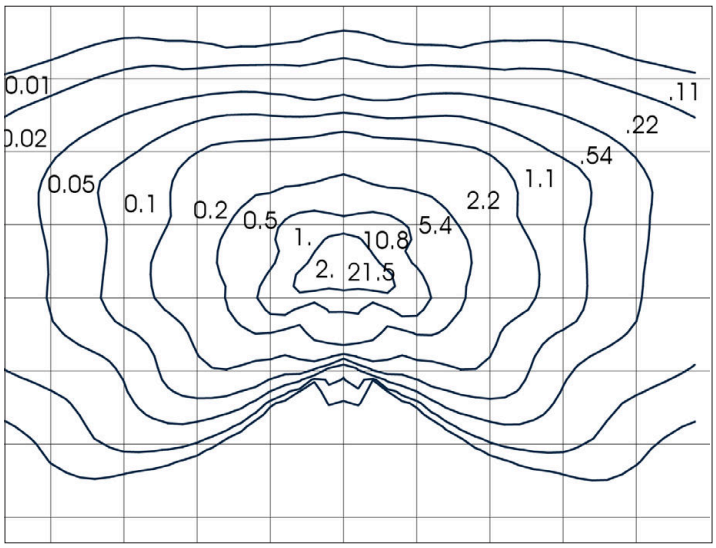
Mounting Height	10' (3.0m)	15' (4.6m)	20' (6.1m)	25' (7.6m)	30' (9.1m)	35' (10.7m)	40' (12.7m)	45' (13.4m)	50' (15.2m)
Multiplier	6.25	2.778	1.563	1	0.694	0.51	0.391	0.309	0.25

StreetSense LED Street Light - UL

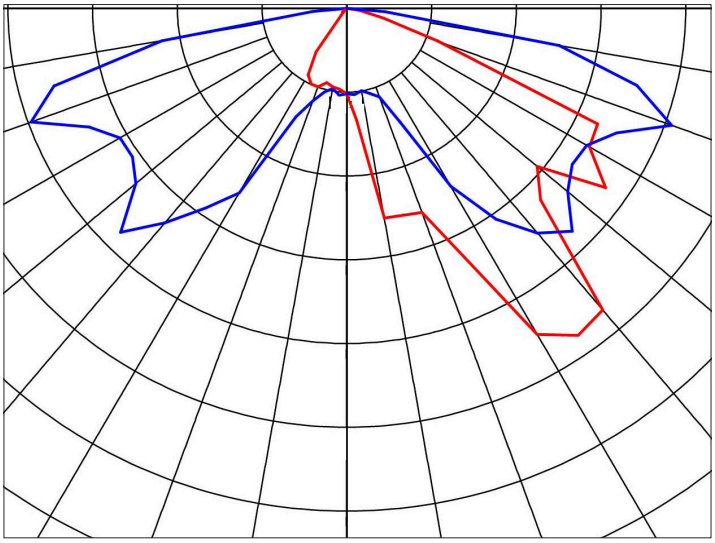
Light Distribution and Measurement Data - IES Type III

131 Watt

Iso-Illuminance Chart



Intensity Distribution Curve (cd)



Mounting height - 25' (7.6m)

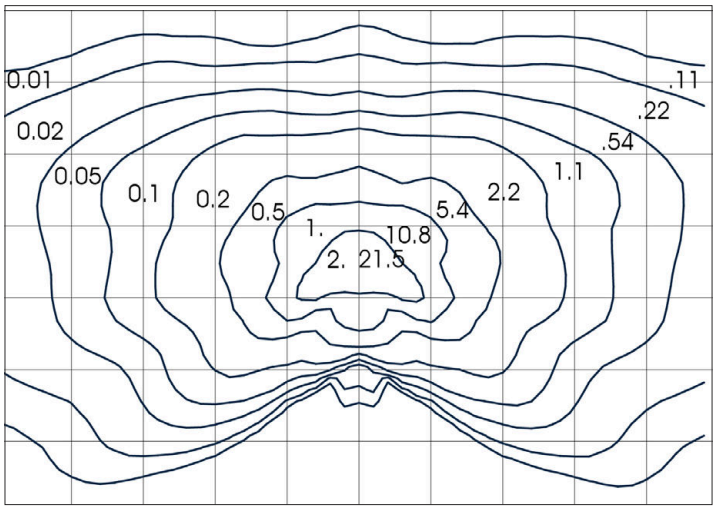
- Location of streetlight

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

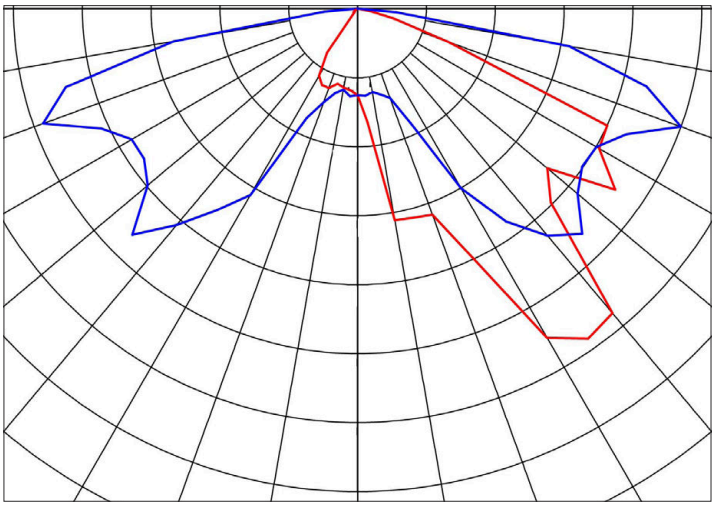
Mounting Height	10' (3.0m)	15' (4.6m)	20' (6.1m)	25' (7.6m)	30' (9.1m)	35' (10.7m)	40' (12.7m)	45' (13.4m)	50' (15.2m)
Multiplier	6.25	2.778	1.563	1	0.694	0.51	0.391	0.309	0.25

165 Watt

Iso-Illuminance Chart



Intensity Distribution Curve (cd)



Mounting height - 25' (7.6m)

- Location of streetlight

Spacing of each box is equal to mounting height in feet (meters).
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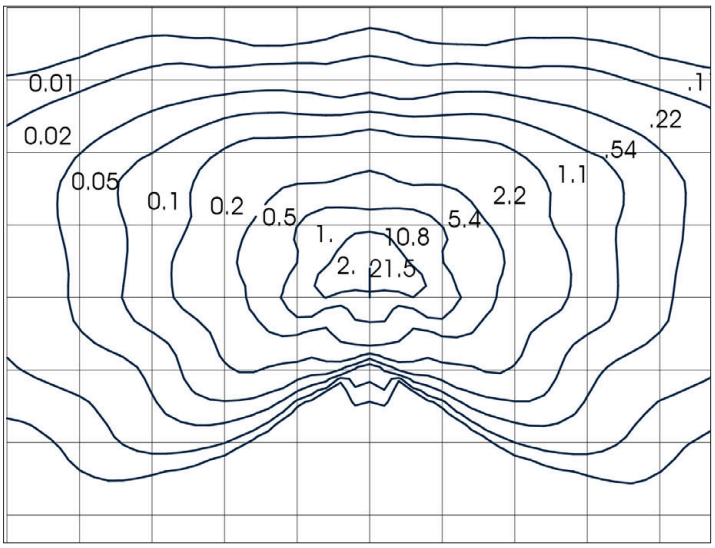
Mounting Height	10' (3.0m)	15' (4.6m)	20' (6.1m)	25' (7.6m)	30' (9.1m)	35' (10.7m)	40' (12.7m)	45' (13.4m)	50' (15.2m)
Multiplier	6.25	2.778	1.563	1	0.694	0.51	0.391	0.309	0.25

StreetSense LED Street Light - UL

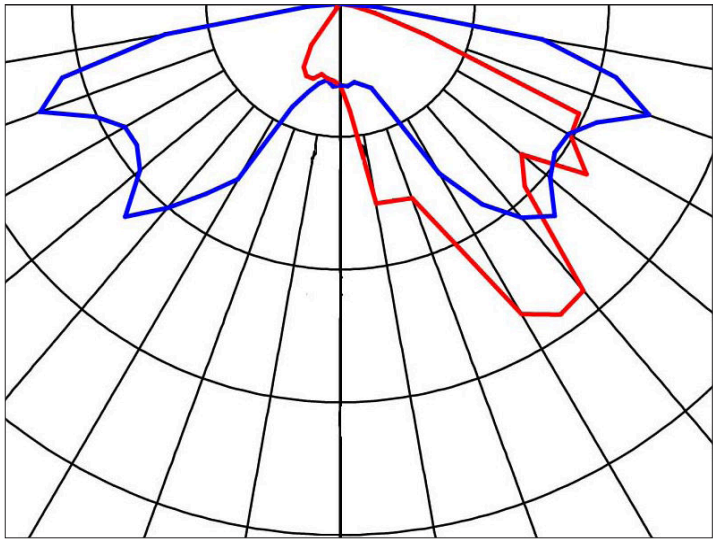
Light Distribution and Measurement Data - IES Type III

65 Watt

Iso-Illuminance Chart



Intensity Distribution Curve (cd)



Mounting height - 25' (7.6m)

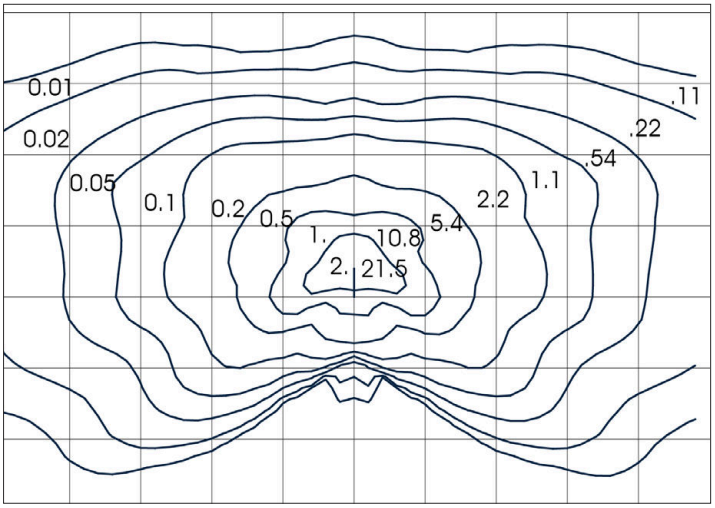
- Location of streetlight

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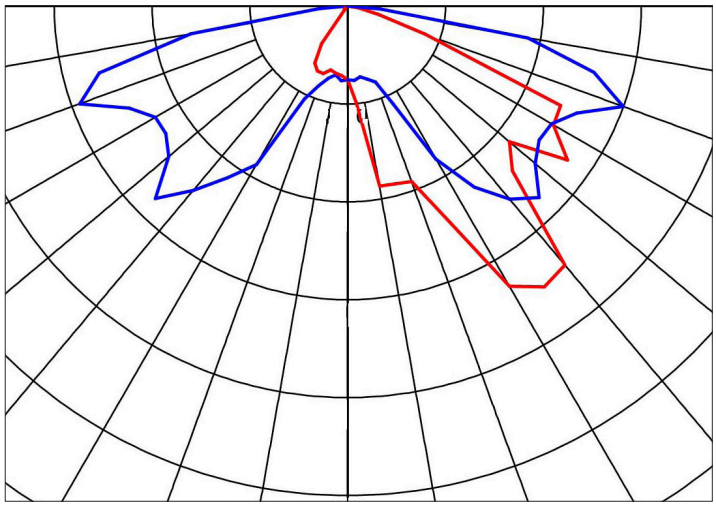
Mounting Height	10' (3.0m)	15' (4.6m)	20' (6.1m)	25' (7.6m)	30' (9.1m)	35' (10.7m)	40' (12.7m)	45' (13.4m)	50' (15.2m)
Multiplier	6.25	2.778	1.563	1	0.694	0.51	0.391	0.309	0.25

83 Watt

Iso-Illuminance Chart



Intensity Distribution Curve (cd)



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)
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Multiplier	6.25	2.778	1.563	1	0.694	0.51	0.391	0.309	0.25

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ALLE WERTE SIND BEMESSUNGS- ODER TYPISCHE WERTE BEI MESSUNG UNTER LABORBEDINGUNGEN. DIE HIERIN ANGEGEBENE LABOREFFIZIENZ WIRD AUF BASIS VON LUMEN PRO WATT BEIM VERGLEICH VON LEUCHTEN MIT ÄHNLICHEN FUNKTIONEN BERECHNET. ALLE AUFGEFÜHRTEN 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