

TruGroove squares, crosses and rectangles offer a fun and unique way to light up any space. Perfect for offices, hospitality spaces, and retail applications. Now you can create luminous patterns that enhance the built environment. Use TruGroove shapes in conjunction with a variety of other mounting types including: suspended linear, recessed, perimeter, surface, and wall mount options.

TruGroove suspended shapes now include AccuRender technology for the highest color quality at the highest efficacy

Project: _____

Location: _____

Cat.No: _____

Type: _____

Line ID: _____ Qty: _____

Notes: _____

Ordering guide⁹

example: 2905L93535LQE4DE1BNN, A6-1-48

Family		Version	Distribution	Source	CRI/CCT ^{1,5}						
29		0		L							
29 TruGroove		0 Suspended shapes	1 Direct	L LED	950	CRI 90, 5000K	930	CRI 90, 3000K			
			5 Indirect / Direct		940	CRI 90, 4000K	927	CRI 90, 2700K			
			6 Direct / Indirect		935	CRI 90, 3500K					
Lumens ¹			Optics (Direct/Indirect)				Suspended Shape ^{1,2,7}				
40 4000 lm/4ft 30 3000 lm/4ft 22 2200 lm/4ft 15 1500 lm/4ft			LN Definition Symmetric Flush Slik Lens (Dn)				S1 1x1 ft square S2 2x2 ft square E2 2x2 ft cross E4 4x4 ft cross R1 1x4 ft rectangle R2 2x4 ft rectangle				
68 6800 lm/4ft (70% Up) 52 5200 lm/4ft (60% Up) 46 4600 lm/4ft (70% Up) 35 3500 lm/4ft (60% Up)			LQ Definition Symmetric Flush Silk Lens (Dn) Performance Symmetric Lens (Up)								
68 6800 lm/4ft (60% Down) 52 5200 lm/4ft (60% Down) 46 4600 lm/4ft (70% Down) 35 3500 lm/4ft (60% Down)											
Voltage	Driver	Circuit ^{2,8}			Wiring Option ^{2,8}		System / Controls ^{4,9}				
D UNV 120-277V 3 347V ³	E Advance Xitanium 0-10V (1% Dim)	1 Single Circuit			N None B Battery Pack ³ E Aux. Wiring ⁵		NN None				
D UNV 120-277V	D Advance Xitanium DALI (5% Dim) ³ H Lutron EcoSystem LDE1 (<1% Dim, Fade-to-Black) ³										
Finish		Mount Type						Suspension			
W Standard White		A1	Non-accessible ceiling, 0'-15' Slope Mount		A6-1 T-Grid On-Grid Mount 15/16" (non tegular tile only)			24	24"	144	144"
T Titanium Silver		A2	T-Grid, Fixed Position Mount		A6-2 T-Grid On-Grid Mount 9/16" (non tegular tile only)			48	48"	192	192"
B Black		A3	Non-accessible ceiling, 0'-90' Slope Mount		A6-3 T-Grid On-Grid Mount 9/16" x 5/16" (slot tee & tegular tile)			96	96"	240	240"
G Graphite Grey		A5	T-Grid 24" Span Mount (non tegular tile only)								
C Custom (please specify color)											

1. Nominal values within a range. Not all lumen packages are available with all configurations. Consult photometry data for CRI, color temp, lumens & distribution of chosen configuration.

2. Not all wiring types are available with all configurations. Consult Ledalite for a complete list of available options.

3. 347V not available with Battery Pack, DALI or Lutron EcoSystem driver options. Battery packs not available in S1 or E2 shapes (lumen package limits may apply in other shapes, check with Ledalite).

4. Please enquire about options for Interact Pro & Interact Office Wired (PoE) which require separate controls hardware by Signify (extended lead times may apply).

5. Please enquire about options for Tunable White with DALI (DT6 or DT8), 0-10V, Lutron T Series or DMX or Interact Office Wired PoE control (extended lead times may apply).

6. Auxiliary Wiring not available with Interact Pro or Interact Office Wired (PoE) luminaires. Aux shapes are wired to fixture power entry.

7. Please enquire about options for custom preassembled shapes.

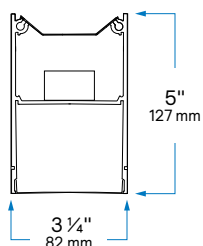
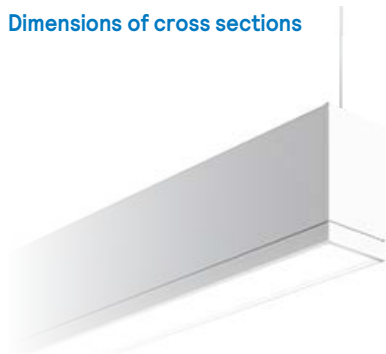
8. Luminaires are pre-wired with quick wire connectors for standard circuit & battery pack trigger wire (if applicable). Each circuit has its own neutral conductor. All circuits are clearly labelled.

9. Other options not shown here may also be possible via a custom request. Extended lead times and minimum order quantities may apply, please consult factory.

Note: Due to continuing product improvements, Ledalite reserves the right to change the specifications without notice.

TruGroove suspended shapes

Dimensions of cross sections



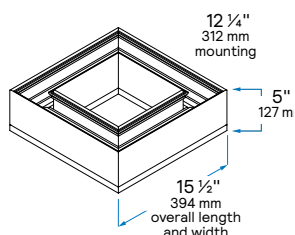
Cross-section applies to all shapes below.

All shapes below require 4 mounts and 4 aircraft cables located at the ends (Cross) or corners (Square and Rectangle) of the shape along with 1 power cord.

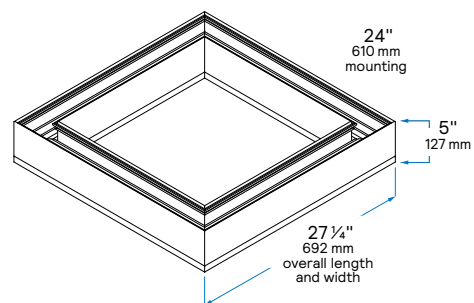
Dimensions for Square



1 x 1ft Square



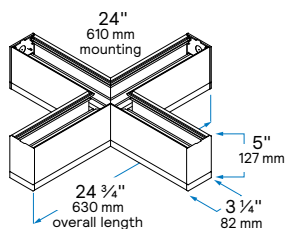
2 x 2ft Square



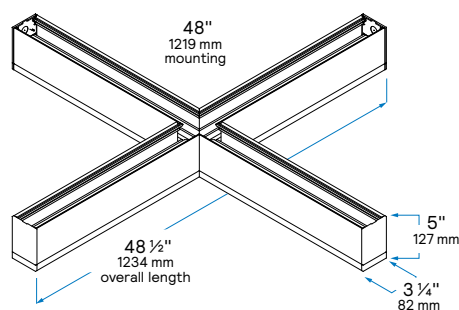
Dimensions for Cross



2 x 2ft Cross



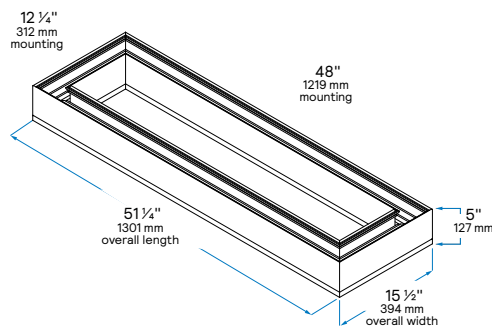
4 x 4ft Cross



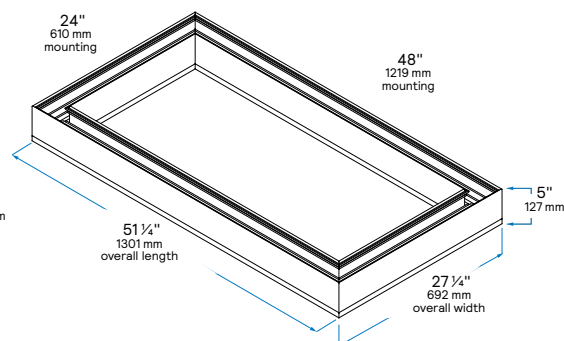
Dimensions for Rectangle



1 x 4ft Rectangle



2 x 4ft Rectangle



TruGroove suspended shapes

Specifications

Optical System

Direct hemisphere: White light emitted from a linear array of downward-facing LEDs is laterally redirected through a flush silk lens generating a lambertian distribution and a uniform continuum of light.

Indirect hemisphere: White light emitted from a linear array of upward-facing LEDs is shaped into a homogeneous, wide-throw batwing distribution using a freeform elliptical lens.

Housing

Post painted precision aluminum extrusion.

Endcaps

Diecast flat aluminum endcaps with integral groove to match housing.

Finish

High quality powder coated, available in standard Matte White, Black, Titanium Silver or Graphite Grey. TruGroove can also be specified in any custom color upon request for a one-time setup charge. Optional sensors (such as Interact Pro) available in white only.

Mounting

Suspended: Aircraft cable and tamper-resistant gripper provide unlimited vertical adjustment and are independently tested to stringent safety standards.

Weight

- 1 x 1ft square: 22lbs max.
- 2 x 2ft square: 44lbs max.
- 2 x 2ft cross: 22lbs max.
- 4 x 4ft cross: 44lbs max.
- 1 x 4ft rectangle: 55lbs max.
- 2 x 4ft rectangle: 66lbs max.

Electrical

Fixtures are factory pre-wired with quick-wire connectors and tested for all circuits and backup battery packs. LED boards and drivers are easily field replaceable with access from below the ceiling.

Standard Drivers

Advance Xitanium 0-10V, 1% Dimming.
Advance Xitanium DALI, 5% Dimming.
Lutron EcoSystem LDE1, 1% Dimming with Soft-On and Fade-to-Black.
Class 2 rated output. Consult Ledalite for other available drivers.

Standard Battery Packs

Bodine Battery Pack, 90 min, 10W, Class 2 rated output.
Lumen output = 10W x luminaire efficacy x 1.1. Typical output ~1200lm.

Lumen Maintenance

LEDs have been tested by the manufacturer in accordance with IESNA LM-80-15. At an ambient temperature of 25°C, the LED lumen maintenance expectation according to IES TM-21-11 is:
 $L_{80}(10k) > 60,000$ hours (Reported methodology).

Source Color

LEDs rated for color rendering of:
 $CRI R_a \geq 90, R_g \geq 50, G_a \geq 97, C_g \geq 90$
IES TM-30-18 : $R_f \geq 90, R_{f,h1} \geq 89, R_g \geq 99, R_{cs,h1} \geq -5\%$

SPD and TM-30-18 reports available upon request

Fixture to fixture color accuracy within:
2 SDCM for Static White luminaires

Approvals

Certified to UL, IES & CSA Standards.

TruGroove is Declare label certified. More information on the TruGroove label can be found on <https://declare.living-future.org/> and through the Declare ID **SGY-0007**.

Environment

Rated for dry or damp locations in operating ambient temperatures of 0-25°C (32-77°F).

Many luminaire components, such as reflectors, refractors, lenses, and LEDs are made from various types of plastics which can be adversely affected by airborne contaminants. If sulfur-based chemicals, petroleum-based products, cleaning solutions, or other contaminants are expected in the intended area of use, consult factory for compatibility. Damage caused by sulfur, chlorine, petroleum-based solution or other contaminants are not covered under warranty. Not suitable for natatorium environments.

Warranty

Five-year luminaire limited warranty including LED boards and driver:
www.signify.com/warranties

TruGroove suspended shapes

Colorimetry

TruGroove suspended shapes (29xx) AccuRender Static White

Nominal CRI & CCT		CRI 90, 2700K	CRI 90, 3000K	CRI 90, 3500K	CRI 90, 4000K	CRI 90, 5000K
CIE 013.3-1995 ¹	CRI R_a	94	93	93	93	93
	R_9	55	57	59	64	68
	G_a	99	99	99	99	99
	C_g	93	93	93	93	94
IES TM-30-18 ²	R_f	92	91	91	91	90
	R_f, h_1	90	90	90	91	89
	R_g	100	100	99	100	100
	R_{cs}, h_1	-6%	-5%	-6%	-5%	-5%
MDER ³		0.45	0.51	0.58	0.65	0.81

1. Color Rendering Index (CRI Ra) and Strong Red (R9) are calculated in accordance with CIE 013.3-1995. Color Gamut index (Ga) and red chroma Index (C9) are CIE based properties using the Global Lighting Association's calculation tool.

2. Fidelity Index (Rf), Red Fidelity Index (Rf,h1), Gamut Index (Rg), and Red Local Chroma Shift (Rcs,h1) are calculated in accordance with IES TM-30-18.-18.

3. Melanopic Daylight Efficacy Ratio (MDER) is the measure for "spectral melanopic efficiency" as defined in CIE S 026-2018.

TruGroove suspended shapes

Photometry

1x1 ft Square Direct (2901*LN*S1) Definition Symmetric Flush Silk Lens - LN

Click "PDF" or "IES" text to download

Nominal CRI & CCT		CRI 90, 2700K						CRI 90, 3000K						CRI 90, 3500K						CRI 90, 4000K						CRI 90, 5000K					
Nominal Lumen Package (lm/4ft) ³	Watts (W)	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File
3000	32.7	3,136	95.9	22.8	PDF	IES	3,224	98.6	22.9	PDF	IES	3,339	102.1	23.0	PDF	IES	3,391	103.7	23.0	PDF	IES	3,469	106.1	23.1	PDF	IES	3,469	106.1	23.1	PDF	IES
2200	21.9	2,116	96.6	21.4	PDF	IES	2,178	99.5	21.5	PDF	IES	2,247	102.6	21.6	PDF	IES	2,286	104.4	21.7	PDF	IES	2,336	106.7	21.7	PDF	IES	2,336	106.7	21.7	PDF	IES
1500	14.7	1,423	96.8	20.0	PDF	IES	1,468	99.9	20.1	PDF	IES	1,510	102.7	20.2	PDF	IES	1,539	104.7	20.3	PDF	IES	1,569	106.7	20.4	PDF	IES	1,569	106.7	20.4	PDF	IES

1x1 ft Square Indirect/Direct (2905*LQ*S1) Definition Symmetric Flush Silk Lens - LQ

Click "PDF" or "IES" text to download

Nominal CRI & CCT		CRI 90, 2700K						CRI 90, 3000K						CRI 90, 3500K						CRI 90, 4000K						CRI 90, 5000K					
Nominal Lumen Package (lm/4ft) ³	Watts (W)	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File
5200 60% Up	46.0	4,921	107.0	16.6	PDF	IES	5,063	110.1	16.7	PDF	IES	5,247	114.1	16.9	PDF	IES	5,327	115.8	16.9	PDF	IES	5,445	118.4	17.40	PDF	IES	5,445	118.4	17.40	PDF	IES
4600 70% Up	40.5	4,412	108.9	14.1	PDF	IES	4,542	112.1	14.2	PDF	IES	4,711	116.3	14.2	PDF	IES	4,781	118.0	14.3	PDF	IES	4,882	120.5	14.3	PDF	IES	4,882	120.5	14.3	PDF	IES
3500 60% Up	30.1	3,304	109.8	15.3	PDF	IES	3,402	113.0	15.5	PDF	IES	3,511	116.6	15.5	PDF	IES	3,572	118.7	15.5	PDF	IES	3,649	121.2	15.6	PDF	IES	3,649	121.2	15.6	PDF	IES

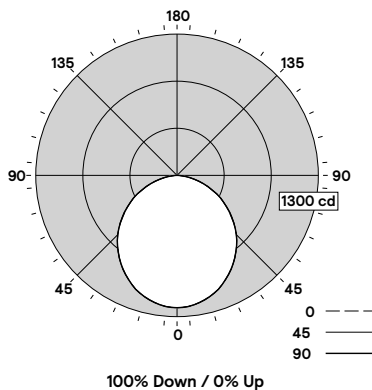
1x1 ft Square Direct/Indirect (2906*LQ*S1) Definition Symmetric Flush Silk Lens - LQ

Click "PDF" or "IES" text to download

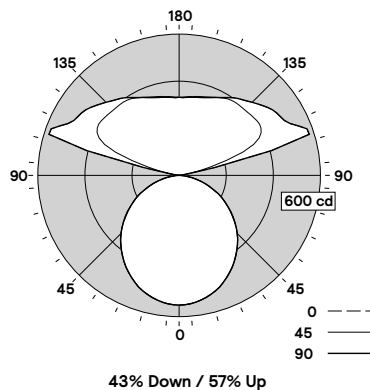
Nominal CRI & CCT		CRI 90, 2700K						CRI 90, 3000K						CRI 90, 3500K						CRI 90, 4000K						CRI 90, 5000K					
Nominal Lumen Package (lm/4ft) ³	Watts (W)	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File
5200 60% Down	48.0	5,017	104.5	19.9	PDF	IES	5,158	107.5	20.0	PDF	IES	5,339	111.2	20.1	PDF	IES	5,424	113.0	20.2	PDF	IES	5,548	115.6	20.3	PDF	IES	5,548	115.6	20.3	PDF	IES
4600 70% Down	43.8	4,453	101.7	20.5	PDF	IES	4,580	104.6	20.6	PDF	IES	4,737	108.2	20.7	PDF	IES	4,814	109.9	20.8	PDF	IES	4,923	112.4	20.8	PDF	IES	4,923	112.4	20.8	PDF	IES
3500 60% Down	33.0	3,434	104.1	18.4	PDF	IES	3,534	107.1	18.5	PDF	IES	3,646	110.5	18.6	PDF	IES	3,709	112.4	18.7	PDF	IES	3,790	114.8	18.7	PDF	IES	3,790	114.8	18.7	PDF	IES

1. 1ft Luminaire photometry has been conducted in accordance with IES LM-79-08. IES files can be downloaded by clicking the links in the table above, or online at ledalite.com. Luminaires with finishes other than standard white may result in a drop in flux and efficacy.
2. Unified Glare Ratio (UGR) is calculated in accordance with CIE 117-1995. Reference conditions of 4Hx8Hx1H and reflectances of 70/50/20% have been applied using the procedure described in CIE 190-2010.
3. Nominal Lumen Package is stated as lm/4ft of fixture length in order to provide comparison to linear TruGroove spec sheets. Total lumen output per shape is reported in the flux columns.

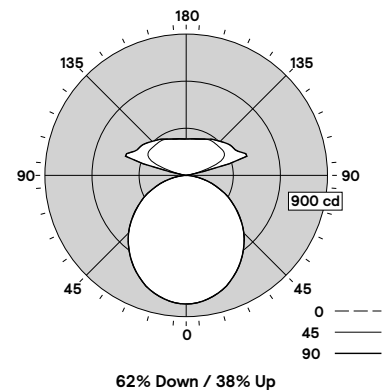
Direct Definition Symmetric Flush Silk Lens - LN Spacing Criteria: 1.22/1.22



Indirect/Direct Definition Symmetric Flush Silk Lens - LQ Spacing Criteria: 1.22/1.22



Direct/Indirect Definition Symmetric Flush Silk Lens - LQ Spacing Criteria: 1.22/1.22



Candela plots shown are for 3000lm/4ft (2901) OR 3500lm/4ft (2905 & 2906), CRI 90, 3500K configurations.

TruGroove suspended shapes

Photometry

2x2 ft Square Direct (2901*LN*S2) Definition Symmetric Flush Silk Lens - LN

Click "PDF" or "IES" text to download

Nominal CRI & CCT		CRI 90, 2700K					CRI 90, 3000K					CRI 90, 3500K					CRI 90, 4000K					CRI 90, 5000K				
Nominal Lumen Package (lm/4ft) ³	Watts (W)	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File
4000	84.8	7,839	92.4	22.1	PDF	IES	8,062	95.1	22.2	PDF	IES	8,375	98.8	22.3	PDF	IES	8,494	100.2	22.1	PDF	IES	8,684	102.4	22.4	PDF	IES
3000	64.9	6,272	96.6	21.3	PDF	IES	6,448	99.4	21.4	PDF	IES	6,678	102.9	21.5	PDF	IES	6,782	104.7	23.0	PDF	IES	6,938	106.9	21.6	PDF	IES
2200	41.7	4,233	101.5	19.9	PDF	IES	4,356	104.5	20.0	PDF	IES	4,178	107.8	20.1	PDF	IES	4,572	109.4	21.7	PDF	IES	4,673	112.1	20.3	PDF	IES
1500	27.8	2,846	102.4	18.5	PDF	IES	2,935	105.6	18.6	PDF	IES	3,021	108.7	18.7	PDF	IES	2,078	110.7	20.3	PDF	IES	2,138	112.9	18.9	PDF	IES

2x2 ft Square Indirect/Direct (2905*LQ*S2) Definition Symmetric Flush Silk Lens - LQ

Click "PDF" or "IES" text to download

Nominal CRI & CCT		CRI 90, 2700K					CRI 90, 3000K					CRI 90, 3500K					CRI 90, 4000K					CRI 90, 5000K				
Nominal Lumen Package (lm/4ft) ³	Watts (W)	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File
6800 70% Up	112.7	13,232	117.0	13.8	PDF	IES	13,608	120.7	13.9	PDF	IES	14,085	125.0	14.0	PDF	IES	14,308	127.0	14.0	PDF	IES	14,632	129.8	14.1	PDF	IES
5200 60% Up	83.4	9,866	118.3	15.1	PDF	IES	10,154	121.8	15.2	PDF	IES	10,476	125.6	15.3	PDF	IES	10,658	127.8	15.3	PDF	IES	10,892	130.6	15.4	PDF	IES
4600 70% Up	72.5	8,851	122.1	12.5	PDF	IES	9,113	125.7	12.6	PDF	IES	9,398	129.6	12.7	PDF	IES	9,564	131.9	12.7	PDF	IES	9,769	134.7	12.8	PDF	IES
3500 60% Up	55.7	6,635	119.1	13.7	PDF	IES	6,842	122.8	13.8	PDF	IES	7,042	126.4	13.9	PDF	IES	7,175	128.8	13.9	PDF	IES	7,315	131.3	14.0	PDF	IES

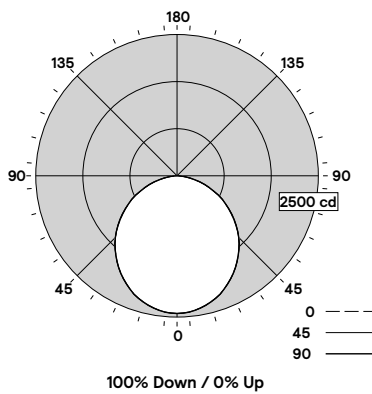
2x2 ft Square Direct/Indirect (2906*LQ*S2) Definition Symmetric Flush Silk Lens - LQ

Click "PDF" or "IES" text to download

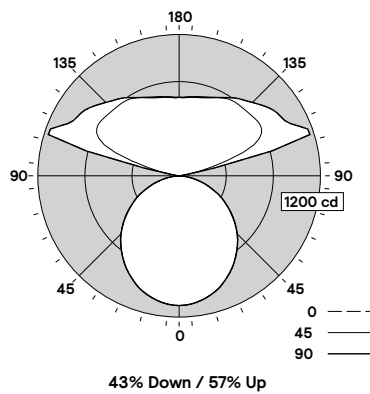
Nominal CRI & CCT		CRI 90, 2700K					CRI 90, 3000K					CRI 90, 3500K					CRI 90, 4000K					CRI 90, 5000K				
Nominal Lumen Package (lm/4ft) ³	Watts (W)	Flux (lm/4ft) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm/4ft) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm/4ft) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm/4ft) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm/4ft) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File
6800 60% Down	48.0	13,472	106.5	18.7	PDF	IES	13,860	109.6	18.7	PDF	IES	14,357	113.5	19.0	PDF	IES	14,579	115.2	19.0	PDF	IES	14,903	117.8	19.1	PDF	IES
5200 60% Down	48.0	10,060	108.4	18.2	PDF	IES	10,355	111.6	18.3	PDF	IES	10,698	115.3	18.5	PDF	IES	10,878	117.2	18.5	PDF	IES	11,114	119.8	18.7	PDF	IES
4600 70% Down	43.8	8,902	105.9	18.9	PDF	IES	9,164	109.0	19.0	PDF	IES	9,466	112.6	19.2	PDF	IES	9,629	114.5	19.2	PDF	IES	9,834	116.9	19.3	PDF	IES
3500 60% Down	33.0	6,863	112.7	16.9	PDF	IES	7,072	116.1	17.0	PDF	IES	7,283	119.6	17.1	PDF	IES	7,419	121.8	17.2	PDF	IES	7,569	124.3	17.2	PDF	IES

1. 4ft Luminaire photometry has been conducted in accordance with IES LM-79-08. IES files can be downloaded by clicking the links in the table above, or online at ledalite.com. Luminaires with finishes other than standard white may result in a drop in flux and efficacy.
2. Unified Glare Ratio (UGR) is calculated in accordance with CIE 117-1995. Reference conditions of 4Hx8Hx1H and reflectances of 70/50/20% have been applied using the procedure described in CIE 190-2010.
3. Nominal Lumen Package is stated as lm/4ft of fixture length in order to provide comparison to linear TruGroove spec sheets. Total lumen output per shape is reported in the flux columns.

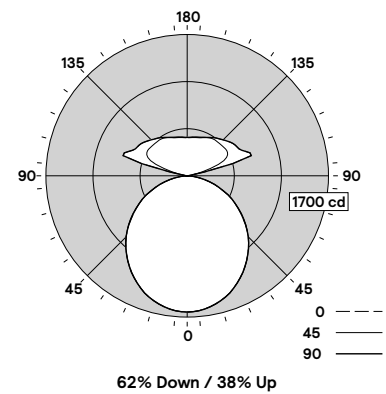
Direct Definition Symmetric
Flush Silk Lens - LN
Spacing Criteria: 1.22/1.22



Indirect/Direct Definition Symmetric
Flush Silk Lens - LQ
Spacing Criteria: 1.22/1.22



Direct/Indirect Definition Symmetric
Flush Silk Lens - LQ
Spacing Criteria: 1.22/1.22



Candela plots shown are for 3000lm/4ft (2901) OR 3500lm/4ft (2905 & 2906), CRI 90, 3500K configurations.

TruGroove suspended shapes

Photometry

2x2 ft Cross Direct (2901*LN*E2) Definition Symmetric Flush Silk Lens – LN

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Nominal CRI & CCT		CRI 90, 2700K					CRI 90, 3000K					CRI 90, 3500K					CRI 90, 4000K					CRI 90, 5000K				
Nominal Lumen Package (lm/4ft) ³	Watts (W)	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File
3000	32.7	3,136	95.9	19.6	PDF	IES	3,224	98.6	19.7	PDF	IES	3,339	102.1	19.8	PDF	IES	3,391	103.7	19.8	PDF	IES	3,469	106.1	19.9	PDF	IES
2200	21.9	2,116	96.6	18.2	PDF	IES	2,178	99.5	18.3	PDF	IES	2,247	102.6	18.4	PDF	IES	2,286	104.4	18.5	PDF	IES	2,336	106.7	18.5	PDF	IES
1500	14.7	1,423	96.8	16.8	PDF	IES	1,468	99.9	16.9	PDF	IES	1,510	102.7	17.0	PDF	IES	1,539	104.7	17.1	PDF	IES	1,569	106.7	17.2	PDF	IES

2x2 ft Cross Indirect/Direct (2905*LQ*E2) Definition Symmetric Flush Silk Lens – LQ

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Nominal CRI & CCT		CRI 90, 2700K					CRI 90, 3000K					CRI 90, 3500K					CRI 90, 4000K					CRI 90, 5000K				
Nominal Lumen Package (lm/4ft) ³	Watts (W)	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File
5200 60% Up	46.0	4,921	107.0	13.4	PDF	IES	5,063	110.1	13.5	PDF	IES	5,247	114.1	13.6	PDF	IES	5,327	115.8	13.7	PDF	IES	5,445	118.4	13.8	PDF	IES
4600 70% Up	40.5	4,412	108.9	10.8	PDF	IES	4,542	112.1	10.9	PDF	IES	4,711	116.3	11.0	PDF	IES	4,781	118.0	11.0	PDF	IES	4,882	120.5	11.1	PDF	IES
3500 60% Up	30.1	3,304	109.8	12.1	PDF	IES	3,402	113.0	12.2	PDF	IES	3,511	116.6	12.3	PDF	IES	3,572	118.7	12.3	PDF	IES	3,649	121.2	12.4	PDF	IES

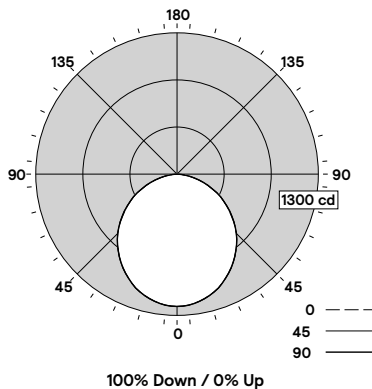
2x2 ft Cross Direct/Indirect (2906*LQ*E2) Definition Symmetric Flush Silk Lens – LQ

Click "PDF" or "IES" text to download

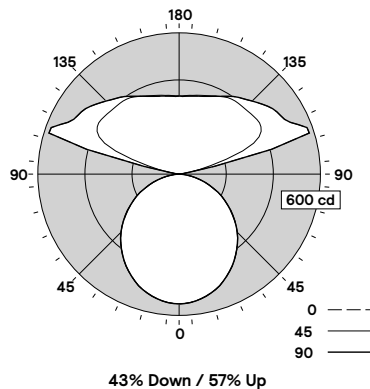
Nominal CRI & CCT		CRI 90, 2700K					CRI 90, 3000K					CRI 90, 3500K					CRI 90, 4000K					CRI 90, 5000K				
Nominal Lumen Package (lm/4ft) ³	Watts (W)	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File
5200 60% Down	48.0	5,017	104.5	16.6	PDF	IES	5,158	107.5	16.7	PDF	IES	5,339	111.2	16.8	PDF	IES	5,424	113.0	16.9	PDF	IES	5,548	115.6	17.0	PDF	IES
4600 70% Down	43.8	4,453	101.7	17.2	PDF	IES	4,580	104.6	17.3	PDF	IES	4,737	108.2	17.5	PDF	IES	4,814	109.9	17.5	PDF	IES	4,923	112.4	17.6	PDF	IES
3500 60% Down	33.0	3,434	104.1	15.2	PDF	IES	3,534	107.1	15.3	PDF	IES	3,646	110.5	15.4	PDF	IES	3,709	112.4	15.5	PDF	IES	3,790	114.8	15.5	PDF	IES

1. 1ft Luminaire photometry has been conducted in accordance with IES LM-79-08. IES files can be downloaded by clicking the links in the table above, or online at ledalite.com. Luminaires with finishes other than standard white may result in a drop in flux and efficacy.
2. Unified Glare Ratio (UGR) is calculated in accordance with CIE 117-1995. Reference conditions of 4Hx8Hx1H and reflectances of 70/50/20% have been applied using the procedure described in CIE 190-2010.
3. Nominal Lumen Package is stated as lm/4ft of fixture length in order to provide comparison to linear TruGroove spec sheets. Total lumen output per shape is reported in the flux columns.

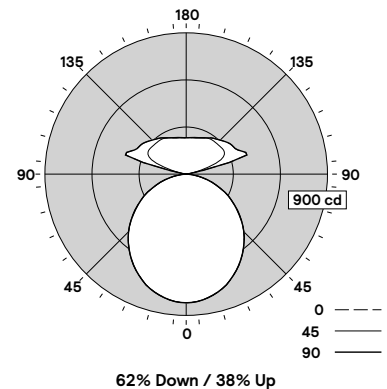
Direct Definition Symmetric
Flush Silk Lens – LN
Spacing Criteria: 1.22/1.22



Indirect/Direct Definition Symmetric
Flush Silk Lens – LQ
Spacing Criteria: 1.22/1.22



Direct/Indirect Definition Symmetric
Flush Silk Lens – LQ
Spacing Criteria: 1.22/1.22



Candela plots shown are for 3000lm/4ft (2901) OR 3500lm/4ft (2905 & 2906), CRI 90, 3500K configurations.

TruGroove suspended shapes

Photometry

4x4 ft Cross Direct (2901*LN*E4) Definition Symmetric Flush Silk Lens – LN

Click "PDF" or "IES" text to download

Nominal CRI & CCT		CRI 90, 2700K						CRI 90, 3000K						CRI 90, 3500K						CRI 90, 4000K						CRI 90, 5000K					
Nominal Lumen Package (lm/4ft) ³	Watts (W)	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File
4000	84.8	7,839	92.4	18.0	PDF	IES	8,062	95.1	18.1	PDF	IES	8,375	98.8	18.2	PDF	IES	8,494	100.2	18.2	PDF	IES	8,684	102.4	18.3	PDF	IES	8,684	102.4	18.3	PDF	IES
3000	64.9	6,272	96.6	17.2	PDF	IES	6,448	99.4	17.3	PDF	IES	6,678	102.9	17.4	PDF	IES	6,782	104.5	17.5	PDF	IES	6,938	106.9	17.5	PDF	IES	6,938	106.9	17.5	PDF	IES
2200	41.7	4,233	101.5	15.8	PDF	IES	4,356	104.5	15.9	PDF	IES	4,178	107.8	16.0	PDF	IES	4,572	109.6	16.1	PDF	IES	4,673	112.1	16.2	PDF	IES	4,673	112.1	16.2	PDF	IES
1500	27.8	2,846	102.4	14.4	PDF	IES	2,935	105.6	14.5	PDF	IES	3,021	108.7	14.6	PDF	IES	3,078	110.7	14.7	PDF	IES	3,138	112.9	14.8	PDF	IES	3,138	112.9	14.8	PDF	IES

4x4 ft Cross Indirect/Direct (2905*LQ*E4) Definition Symmetric Flush Silk Lens – LQ

Click "PDF" or "IES" text to download

Nominal CRI & CCT		CRI 90, 2700K						CRI 90, 3000K						CRI 90, 3500K						CRI 90, 4000K						CRI 90, 5000K					
Nominal Lumen Package (lm/4ft) ³	Watts (W)	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File
6800 70% Up	112.7	13,232	117.4	9.8	PDF	IES	13,608	120.7	9.9	PDF	IES	14,085	125.0	10.0	PDF	IES	14,308	127.0	10.0	PDF	IES	14,632	129.8	10.1	PDF	IES	14,632	129.8	10.1	PDF	IES
5200 60% Up	83.4	9,866	118.3	11.1	PDF	IES	10,154	121.8	11.2	PDF	IES	10,476	125.6	11.3	PDF	IES	10,658	127.8	11.3	PDF	IES	10,892	130.6	11.4	PDF	IES	10,892	130.6	11.4	PDF	IES
4600 70% Up	72.5	8,851	122.1	8.4	PDF	IES	9,113	125.7	8.5	PDF	IES	9,398	129.6	8.6	PDF	IES	9,564	131.9	8.6	PDF	IES	9,769	134.7	8.7	PDF	IES	9,769	134.7	8.7	PDF	IES
3500 60% Up	55.7	6,635	119.1	9.7	PDF	IES	6,842	122.8	9.8	PDF	IES	7,042	126.4	9.9	PDF	IES	7,175	128.8	9.9	PDF	IES	7,315	131.3	10.0	PDF	IES	7,315	131.3	10.0	PDF	IES

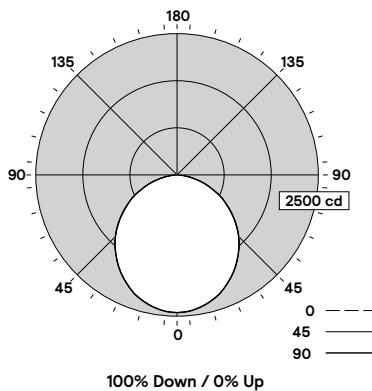
4x4 ft Cross Direct/Indirect (2906*LQ*E4) Definition Symmetric Flush Silk Lens – LQ

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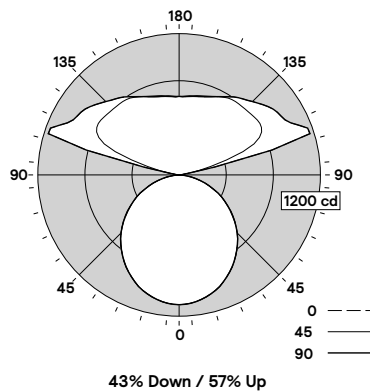
Nominal CRI & CCT		CRI 90, 2700K						CRI 90, 3000K						CRI 90, 3500K						CRI 90, 4000K						CRI 90, 5000K					
Nominal Lumen Package (lm/4ft) ³	Watts (W)	Flux (lm/4ft) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm/4ft) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm/4ft) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm/4ft) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm/4ft) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm/4ft) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File
6800 60% Down	126.5	13,472	106.5	14.6	PDF	IES	13,860	109.6	14.7	PDF	IES	14,357	113.5	14.9	PDF	IES	14,579	115.2	14.9	PDF	IES	14,903	117.8	15.0	PDF	IES	14,903	117.8	15.0	PDF	IES
5200 60% Down	92.8	10,060	108.4	14.2	PDF	IES	10,355	111.6	14.3	PDF	IES	10,698	115.3	14.4	PDF	IES	10,878	117.2	14.5	PDF	IES	11,114	119.8	14.6	PDF	IES	11,114	119.8	14.6	PDF	IES
4600 70% Down	84.1	8,902	105.9	14.9	PDF	IES	9,164	109.0	15.0	PDF	IES	9,466	112.6	15.1	PDF	IES	9,629	114.5	15.2	PDF	IES	9,834	116.9	15.2	PDF	IES	9,834	116.9	15.2	PDF	IES
3500 60% Down	60.9	6,863	112.7	12.8	PDF	IES	7,072	116.1	12.9	PDF	IES	7,283	119.6	13.0	PDF	IES	7,419	121.8	13.1	PDF	IES	7,569	124.3	13.1	PDF	IES	7,569	124.3	13.1	PDF	IES

- 4ft Luminaire photometry has been conducted in accordance with IES LM-79-08. IES files can be downloaded by clicking the links in the table above, or online at ledalite.com. Luminaires with finishes other than standard white may result in a drop in flux and efficacy.
- Unified Glare Ratio (UGR) is calculated in accordance with CIE 117-1995. Reference conditions of 4Hx8Hx1H and reflectances of 70/50/20% have been applied using the procedure described in CIE 190-2010.
- Nominal Lumen Package is stated as lm/4ft of fixture length in order to provide comparison to linear TruGroove spec sheets. Total lumen output per shape is reported in the flux columns.

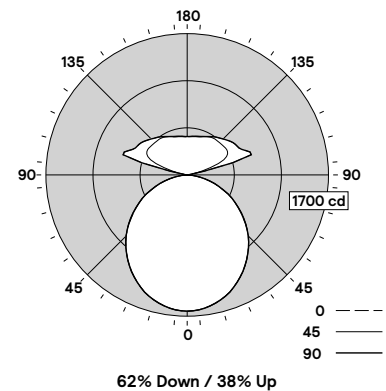
Direct Definition Symmetric
Flush Silk Lens – LN
Spacing Criteria: 1.22/1.22



Indirect/Direct Definition Symmetric
Flush Silk Lens – LQ
Spacing Criteria: 1.22/1.22



Direct/Indirect Definition Symmetric
Flush Silk Lens – LQ
Spacing Criteria: 1.22/1.22



Candela plots shown are for 3000lm/4ft (2901) OR 3500lm/4ft (2905 & 2906), CRI 90, 3500K configurations.

TruGroove suspended shapes

Photometry

1x4 ft Rectangle Direct (2901*LN*R1) Definition Symmetric Flush Silk Lens – LN

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Nominal CRI & CCT		CRI 90, 2700K						CRI 90, 3000K					CRI 90, 3500K					CRI 90, 4000K					CRI 90, 5000K				
Nominal Lumen Package (lm/4ft) ³	Watts (W)	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW)	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW)	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	
4000	105.7	9,799	92.7	22.6	PDF	IES	10,078	95.3	22.7	PDF	IES	10,468	99.0	22.9	PDF	IES	10,617	100.4	22.9	PDF	IES	10,855	102.7	23.0	PDF	IES	
3000	81.3	7,840	96.4	21.9	PDF	IES	8,060	99.1	22.0	PDF	IES	8,347	102.7	22.1	PDF	IES	8,477	104.3	22.1	PDF	IES	8,672	106.7	22.2	PDF	IES	
2200	52.2	5,291	101.8	20.5	PDF	IES	5,445	104.7	20.6	PDF	IES	5,618	108.0	20.7	PDF	IES	5,715	109.9	20.8	PDF	IES	5,841	112.3	20.8	PDF	IES	
1500	34.0	3,558	104.0	19.1	PDF	IES	3,669	107.3	19.2	PDF	IES	3,776	110.4	19.3	PDF	IES	3,848	112.5	19.4	PDF	IES	3,923	114.7	19.4	PDF	IES	

1x4 ft Rectangle Indirect/Direct (2905*LQ*R1) Definition Symmetric Flush Silk Lens – LQ

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Nominal CRI & CCT			CRI 90, 2700K					CRI 90, 3000K					CRI 90, 3500K					CRI 90, 4000K					CRI 90, 5000K				
Nominal Lumen Package (lm/4ft) ³		Watts (W)	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File
5200	60% Up	93.7	10,924	116.6	16.2	PDF	IES	11,243	120.0	16.3	PDF	IES	11,600	123.8	16.4	PDF	IES	11,801	125.9	16.5	PDF	IES	12,060	128.7	16.6	PDF	IES
4600	70% Up	78.9	9,563	121.2	13.6	PDF	IES	9,847	124.8	13.7	PDF	IES	10,154	128.7	13.9	PDF	IES	10,334	131.0	13.9	PDF	IES	10,554	133.8	14.0	PDF	IES
3500	60% Up	62.1	7,347	118.3	14.8	PDF	IES	7,576	122.0	14.9	PDF	IES	7,797	125.6	15.0	PDF	IES	7,944	127.9	15.1	PDF	IES	8,099	130.4	15.2	PDF	IES

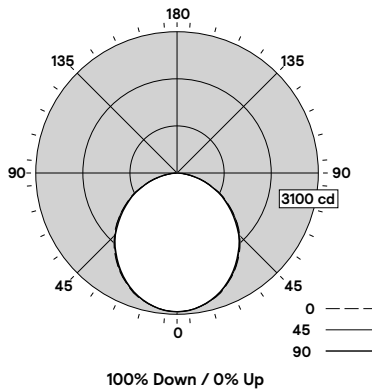
1x4 ft Rectangle Direct/Indirect (2906*LQ*R1) Definition Symmetric Flush Silk Lens – LQ

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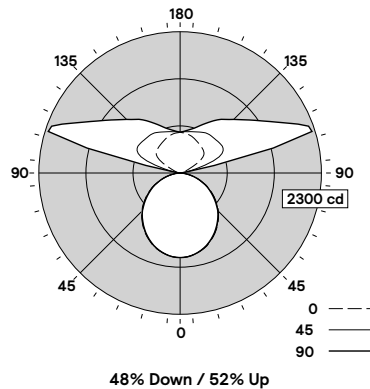
Nominal CRI & CCT			CRI 90, 2700K					CRI 90, 3000K					CRI 90, 3500K					CRI 90, 4000K					CRI 90, 5000K				
Nominal Lumen Package (lm/4ft) ³		Watts (W)	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File
6800	60% Down	147.4	15,432	104.7	19.7	PDF	IES	15,875	107.7	19.8	PDF	IES	16,450	111.6	20.0	PDF	IES	16,702	113.3	20.0	PDF	IES	17,074	115.8	20.2	PDF	IES
5200	60% Down	109.1	11,628	106.3	19.3	PDF	IES	11,967	109.7	19.4	PDF	IES	12,368	113.4	19.5	PDF	IES	12,574	115.3	19.6	PDF	IES	12,849	117.8	19.7	PDF	IES
4600	70% Down	100.4	10,470	104.6	19.9	PDF	IES	10,776	107.3	20.0	PDF	IES	11,136	110.9	20.1	PDF	IES	11,324	112.8	20.1	PDF	IES	11,568	115.2	20.2	PDF	IES
3500	60% Down	71.1	7,921	111.4	17.9	PDF	IES	8,161	114.8	18.0	PDF	IES	8,407	118.2	18.1	PDF	IES	8,562	120.4	18.2	PDF	IES	8,737	122.9	18.2	PDF	IES

1. 4ft Luminaire photometry has been conducted in accordance with IES LM-79-08. IES files can be downloaded by clicking the links in the table above, or online at ledalite.com. Luminaires with finishes other than standard white may result in a drop in flux and efficacy.
2. Unified Glare Ratio (UGR) is calculated in accordance with CIE 117-1995. Reference conditions of 4Hx8Hx1H and reflectances of 70/50/20% have been applied using the procedure described in CIE 190-2010.
3. Nominal Lumen Package is stated as lm/4ft of fixture length in order to provide comparison to linear TruGroove spec sheets. Total lumen output per shape is reported in the flux columns.

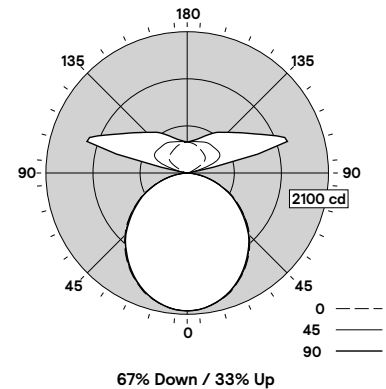
Direct Definition Symmetric
Flush Silk Lens – LN
Spacing Criteria: 1.22/1.21



Indirect/Direct Definition Symmetric
Flush Silk Lens – LQ
Spacing Criteria: 1.22/1.21



Direct/Indirect Definition Symmetric
Flush Silk Lens – LQ
Spacing Criteria: 1.23/1.21



Candela plots shown are for 3000lm/4ft (2901) OR 3500lm/4ft (2905 & 2906), CRI 90, 3500K configurations.

TruGroove suspended shapes

Photometry

2x4 ft Rectangle Direct (2901*LN*R2) Definition Symmetric Flush Silk Lens - LN

Click "PDF" or "IES" text to download

Nominal CRI & CCT		CRI 90, 2700K					CRI 90, 3000K					CRI 90, 3500K					CRI 90, 4000K					CRI 90, 5000K				
Nominal Lumen Package (lm/4ft) ³	Watts (W)	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File
4000	127.3	11,758	92.4	21.3	PDF	IES	12,093	95.0	21.4	PDF	IES	12,562	98.7	21.5	PDF	IES	12,741	100.1	21.5	PDF	IES	13,026	102.3	21.6	PDF	IES
3000	97.1	9,408	96.9	20.5	PDF	IES	9,672	99.6	20.6	PDF	IES	10,016	103.2	20.7	PDF	IES	10,173	104.8	20.8	PDF	IES	10,406	107.2	20.8	PDF	IES
2200	62.6	6,349	101.4	19.1	PDF	IES	6,534	104.4	19.2	PDF	IES	6,742	107.7	19.3	PDF	IES	6,858	109.4	19.4	PDF	IES	7,009	112.0	19.5	PDF	IES
1500	40.9	4,270	104.4	17.7	PDF	IES	4,403	107.7	17.8	PDF	IES	4,531	110.8	17.9	PDF	IES	4,617	112.9	18.0	PDF	IES	4,707	115.1	18.1	PDF	IES

2x4 ft Rectangle Indirect/Direct (2905*LQ*R2) Definition Symmetric Flush Silk Lens - LQ

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Nominal CRI & CCT		CRI 90, 2700K					CRI 90, 3000K					CRI 90, 3500K					CRI 90, 4000K					CRI 90, 5000K				
Nominal Lumen Package (lm/4ft) ³	Watts (W)	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File
5200 60% Up	104.3	11,982	114.9	15.3	PDF	IES	12,332	118.2	15.4	PDF	IES	12,724	122.0	15.5	PDF	IES	12,944	124.1	15.6	PDF	IES	13,228	126.8	15.7	PDF	IES
4600 70% Up	85.6	10,275	120.0	12.8	PDF	IES	10,581	123.6	12.9	PDF	IES	10,909	127.4	13.0	PDF	IES	11,103	129.7	13.1	PDF	IES	11,338	132.5	13.1	PDF	IES
3500 60% Up	68.7	8,705	117.3	14.0	PDF	IES	8,310	121.0	14.1	PDF	IES	8,552	124.5	14.2	PDF	IES	8,714	126.8	14.2	PDF	IES	8,884	129.3	14.3	PDF	IES

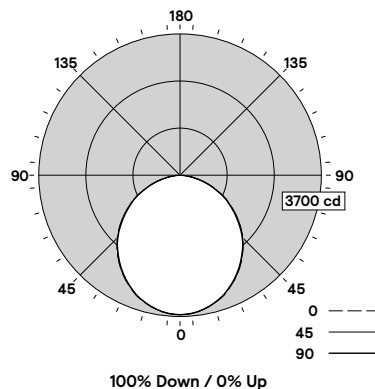
2x4 ft Rectangle Direct/Indirect (2906*LQ*R2) Definition Symmetric Flush Silk Lens - LQ

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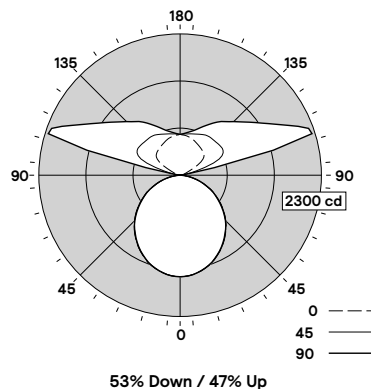
Nominal CRI & CCT		CRI 90, 2700K					CRI 90, 3000K					CRI 90, 3500K					CRI 90, 4000K					CRI 90, 5000K				
Nominal Lumen Package (lm/4ft) ³	Watts (W)	Flux (lm/4ft) ^{1,3}	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm/4ft) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm/4ft) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm/4ft) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File	Flux (lm/4ft) ¹	Efficacy (LPW) ¹	UGR ²	Photometry Report	IES File
6800 60% Down	169.0	17,392	102.2	18.7	PDF	IES	17,891	105.9	18.8	PDF	IES	18,544	109.7	18.9	PDF	IES	18,826	111.4	19.0	PDF	IES	19,245	113.9	19.1	PDF	IES
5200 60% Down	124.9	13,196	105.7	18.3	PDF	IES	13,579	108.7	18.4	PDF	IES	14,037	112.4	18.5	PDF	IES	14,269	114.2	18.5	PDF	IES	14,583	116.8	18.6	PDF	IES
4600 70% Down	116.2	12,038	103.6	18.7	PDF	IES	12,388	106.6	18.8	PDF	IES	12,805	110.2	19.0	PDF	IES	13,019	112.0	19.0	PDF	IES	13,302	114.5	19.1	PDF	IES
3500 60% Down	81.7	8,979	109.9	16.8	PDF	IES	9,250	113.2	16.9	PDF	IES	9,530	116.6	17.0	PDF	IES	9,705	118.8	17.1	PDF	IES	9,905	121.2	17.2	PDF	IES

1. 4ft Luminaire photometry has been conducted in accordance with IES LM-79-08. IES files can be downloaded by clicking the links in the table above, or online at ledalite.com. Luminaires with finishes other than standard white may result in a drop in flux and efficacy.
2. Unified Glare Ratio (UGR) is calculated in accordance with CIE 117-1995. Reference conditions of 4Hx8Hx1H and reflectances of 70/50/20% have been applied using the procedure described in CIE 190-2010.
3. Nominal Lumen Package is stated as lm/4ft of fixture length in order to provide comparison to linear TruGroove spec sheets. Total lumen output per shape is reported in the flux columns.

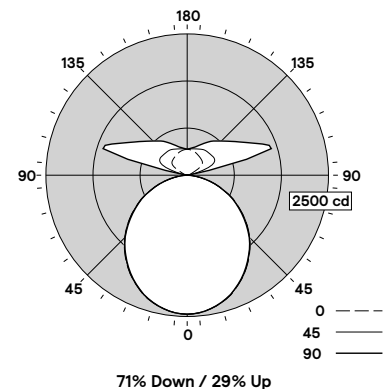
Direct Definition Symmetric
Flush Silk Lens - LN
Spacing Criteria: 1.22/1.21



Indirect/Direct Definition Symmetric
Flush Silk Lens - LQ
Spacing Criteria: 1.22/1.21



Direct/Indirect Definition Symmetric
Flush Silk Lens - LQ
Spacing Criteria: 1.22/1.21



Candela plots shown are for 3000lm/4ft (2901) OR 3500lm/4ft (2905 & 2906), CRI 90, 3500K configurations.