LEDALITE
by signify

Recessed

SilkSpace defintion

Imperial & Metric sizes

SilkSpace definition combines the minimalist, modern good looks of our SilkSpace performance luminaire, in a value version that's perfect for your tight budget projects.

Project:

Location:

Cat.No:

Type:

Line ID: Qty:

Notes:

Ordering guide

example: 4222D1STL83540A7DE

Family	Size [4]	Version	Configuration	Source	CRI/CCT[1]	Lumens[1]	Optics	Wiring[3]	Voltage[3]	Driver[3,8]	Option[4,5]	System/Controls
42			ST	L			A					
42 SilkSpace definition	**24** 2'x4' [2] **54** 20'x4' [2,6] **M4** 600x1200mm [2,6]	**D1** Standard T-Grid **C1** Standard T-Grid + Chicago Plenum **A1** Standard T-Grid + Air Return [7]	**ST** Standalone	**L** LED	**850** 80 CRI/5000K **840** 80 CRI/4000K **835** 80 CRI/3500K **830** 80 CRI/3000K **827** 80 CRI/2700K **935** 90 CRI/3500K	**80** 8000lm[2] **75** 7500lm[2] **70** 7000lm **65** 6500lm **60** 6000lm **55** 5500lm **50** 5000lm **45** 4500lm **40** 4000lm	**A** Acyrlic Silk Lens	**7** 1cct Dimming **N** 1cct Dimming + Battery Pack[9]	**D** UNV 120-277V **3** 347V[9]	**E** Advance 0-10V (1% Dim) **H** Lutron EcoSystem LDE1 (<1% Dim, Fade - to- Black)[6]	**N** No Option **D** Drywall Trim Kit **P** Flex Whip (6') **S** Solid Filler Panel (Set of 2) **A** Air Return Filler Panel (Set of 2)	
	30 30"x30" [6] **M7** 750x750mm [6]					**60** 6000lm[6] **55** 5500lm[6] **50** 5000lm[6] **45** 4500lm[6] **40** 4000lm[6] **35** 3500lm[6] **30** 3000lm[6]						
	22 2'x2' **14** 1'x4' [2,7] **52** 20"x2' [6] **M2** 600x600mm [6] **M5** 300x1200mm [2,6,7]					**50** 5000lm[2] **45** 4500lm **40** 4000lm **35** 3500lm **30** 3000lm **25** 2500lm				**S** Advance Sensor Ready (5% Dim)		**NN** No Option **SZ** SpaceWise DT Daylight & Occupancy **IP** Interact Pro
	12 1'x2' [6,7] **M3** 300x600mm [6,7]					**30** 3000lm[6] **25** 2500lm[6] **20** 2000lm[6] **10** 1000lm[6]						
	11 1'x1' [6,7,9] **M1** 300x300mm [6,7,9]					**25** 2500lm[6] **20** 2000lm[6] **15** 1500lm[6] **10** 1000lm[6]						

1. Nominal values within a range. Consult photometry data for CRI, CCT, lumens & distribution of chosen configuration
2. Size / lumen package combination not available in 90 CRI.
3. Not all wiring types are available with all configurations. Consult Ledalite for a complete list of available options.
4. Filler Panels only available with the 20"x4' size to accomodate a 20"x60" grid system. Drywall Trim Kit only available with 2'x4', 2'x2' & 1'x4' sizes.
5. Flex whips are installed, Drywall Trim Kit and Filler Panels ship separately.
6. Option is qualified as Engineered-to-Order (ETO) ready. Lead times and minimum order quantities may vary, please consult factory.
7. Air Return is not available in 1'x or 300mmx sizes.
8. 1'x1' & 300x300mm sizes only available with driver option E, Advance 0-10V (1% Dim). SpaceWise and Interact Pro not available in 1'x1' or 300x300mm sizes.
9. Battery Pack not available with 347V or in 1'x1' or 300x300mm sizes.

interact ready.

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Dimensions

Size

2'x2' (22)
20"x2' (52)
600x600mm (M2)
30"x30" (30)
750x750mm (M7)

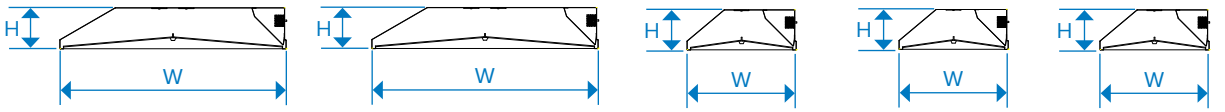
2'x4' (24)
20"x4' (54)
600x1200mm (M4)

1'x1' (11)
300x300mm (M1)

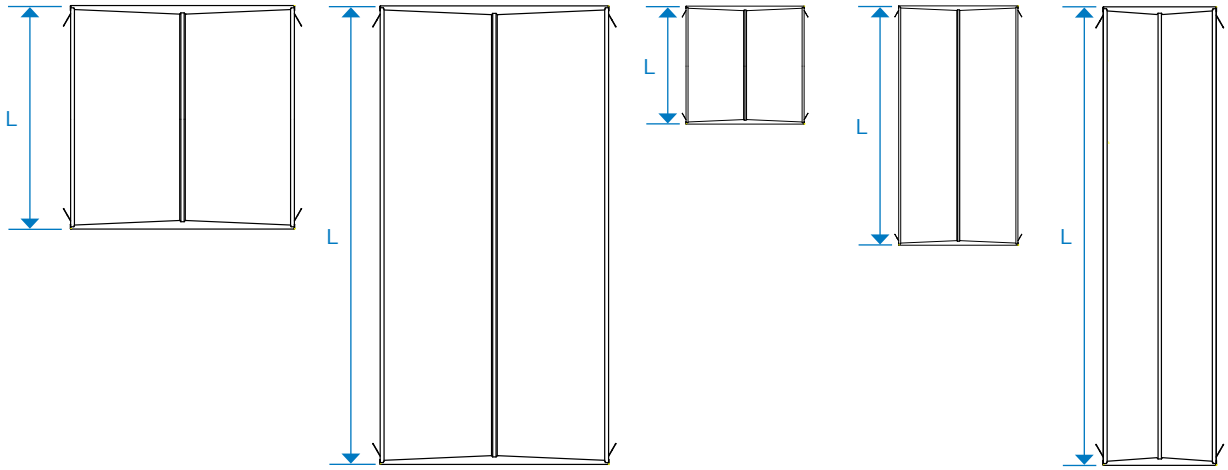
1'x2' (22)
300x600mm (M3)

1'x4' (14)
300x1200mm (M5)

Cross section view



Lens view



Size	W	L	H
2'x2' (22)	23.75" [603mm]	23.66" [602mm]	4.375" [110mm]
20"x2' (52)	19.78" [502mm]	23.66" [602mm]	4.375" [110mm]
600x600mm (M2)	23.41" [595mm]	23.31" [592mm]	4.375" [110mm]
30"x30" (30)	Consult Factory		
750x750mm (M7)	Consult Factory		
2'x4' (24)	23.75" [603mm]	47.38" [1210mm]	4.375" [110mm]
20"x4' (54)	19.78" [502mm]	47.66" [1211mm]	4.375" [110mm]
600x1200mm (M4)	23.41" [595mm]	46.92" [1192mm]	4.375" [110mm]
1'x1' (11)	11.75" [298mm]	11.75" [298mm]	4.375" [110mm]
300x300mm (M1)	Consult Factory		
1'x2' (22)	11.75" [298mm]	23.66" [602mm]	4.375" [110mm]
300x600mm (M3)	Consult Factory		
1'x4' (14)	11.75" [298mm]	47.38" [1210mm]	4.375" [110mm]
300x1200mm (M5)	Consult Factory		

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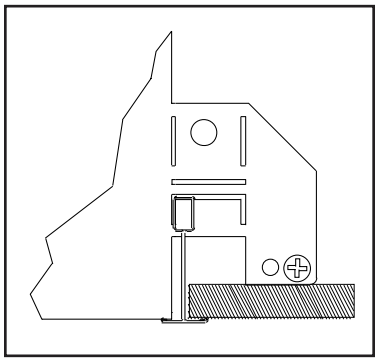
Mounting Details

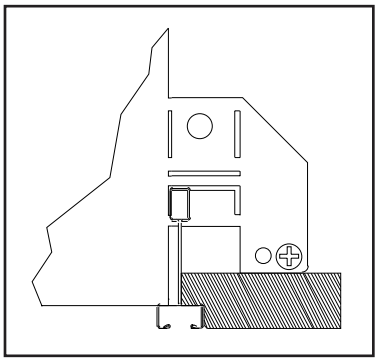
Flat T-Grid

Integrates with most common T-Grid types. Works with 9/16" & 15/16" flat T-Grid ceilings



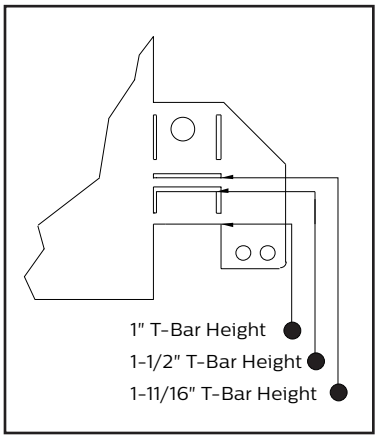
Slot T-Grid

Can also be used with slot T-Grid ceilings. For 9/16" slot T-Grid ceilings, fixture will sit 5/16" above bottom of T-Bar.



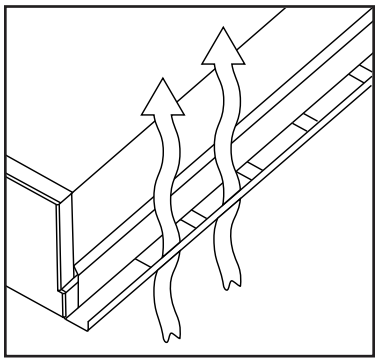
Ceiling Types

Integrated mounting tabs can be field-adjusted to various T-Grid ceiling heights for fastening directly to the T-Bar and/or tied off to the building structure.



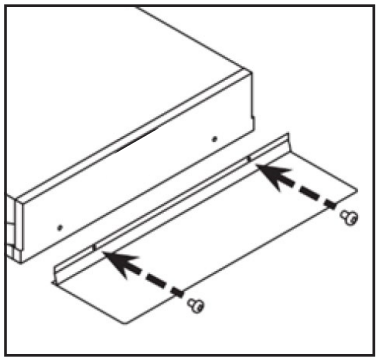
Air Return Vents

The air return version features slotted vents along the sides of the fixture. As a result, the installation method of the air return version may be different to the standard version, please consult the installation instruction sheet.



Filler Panel (20"x4" only)

Attach filler panels to ends of housing using two supplied screws shown below.



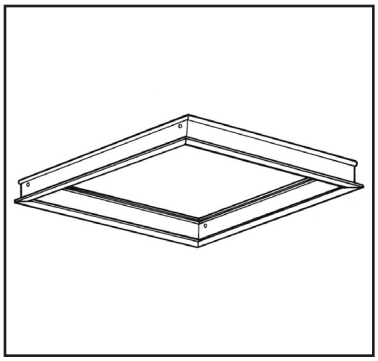
Drywall Trim Kit

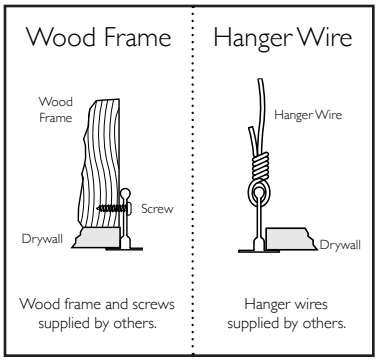
The drywall trim kit mounting frame assembly is designed to permit use of grid (NEMA G) fixtures in drywall or ceilings requiring flanges.

Extruded aluminum construction with mitered corners. Includes screws for complete assembly. Available in 2'x2', 2'x4' & 1'x4' sizes.

More information available at:

http://docs.ledalite.com/download/pdf/ID-Recessed_Drywall_Kits.pdf





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Specifications

Optical System

Optical system consists of highly reflective powder coated interior reflectors and three flat acrylic lenses.

Finish

Housing and Frame: Post-painted, high quality powder coat. Available in white.

Housing

Die-formed, post-painted, 22 & 24 gauge cold-rolled steel. Wire entrance is positioned on the side and/or top of housing to allow easy wiring access for installation. Access to boards and drivers from below via side lens cavity. T-bar clips built into the luminaire ends for quick and easy installation. Optional perforated or solid filler panels for 20"x48" fixtures to accommodate 60" ceiling grid.

Weight

Maximum 40lbs (2'x4' with Battery Pack).

Electrical

LED boards are easily field replaceable, if required. Fixtures are factory pre-wired and tested for all circuits and backup battery packs; all leads pulled to a side access with cover plate.

Standalone Controls

SpaceWise DT:

Suspended version available with SpaceWise DT Daylight & Occupancy sensing with advanced grouping & dwell time.

Dimming with compatible Zigbee wireless wall switches.

www.usa.lighting.philips.com/systems/lighting-systems/spacewise

Connected Systems

Interact Pro:

A wireless IoT connected lighting solution for small and medium-sized businesses.

Commissioning via Android or iOS mobile device and Interact Pro app.

Compatible Zigbee Green Power wall dimmer and wireless Occupancy or Daylight & Occupancy sensors available.

Open APIs for light control and data exchange.

www.interact-lighting.com/pro

Standard Drivers

Advance Xitanium 0-10V, 1% Dimming

Advance Sensor Ready, 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 Pack

Bodine, 90 min, 10W, Class 2 rated output, Emergency lumen output = 10W x luminaire efficacy x 1.1. Typical output: 1300lm.

Lumen Maintenance

LEDs have been tested by the manufacturer in accordance with IESNA LM-80-08. At an ambient temperature of 25°C, the LED lumen maintenance expectation according to IES TM-21-11 is: L80 (10k) >60,000 hrs (Reported methodology).

Source Color

LEDs rated for color rendering of:

CRI >80 & R9 >0

CRI >90 & R9>50

Fixture to fixture color accuracy within 2 SDCM.

Mounting

Compatible with 15/16" lay-in acoustical ceilings using exposed grid suspension (NEMA type G). For 9/16" slot T-grid ceilings, fixture will sit 5/16" above bottom of Tee. Integrated tabs are provided for different T-grid heights. Optional drywall kit trim mount can be fastened to a wood frame or with hangar wire.

Wiring

Optional armored cable flex whips are supplied in 6' lengths.

Approvals

Certified to UL & CSA Standards. City of Chicago Approved CCEA (housing option C). Certain versions without battery packs are DesignLights Consortium® qualified. Please see the DLC QPL list for exact catalog numbers.

www.designlights.org/QPL

Warranty

Five-year luminaire limited warranty including LED boards and driver.

www.signify.com/warranties

Environment

Type IC, rated for dry & damp locations in ambient operating temperatures of 25°C. 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.

QuickShip

10-day QuickShip available for most configurations upon request. More information available at:

www.signify.com/en-us/brands/ledalite/about-us/quickship

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Photometrics

2'x2' (22)

Spacing Criteria: 1.17/1.19

(Click "PDF", "IES" and "RFA" text to Download)

Lumens	Nominal CRI & CCT	Flux (lm)	Watts (W)	Efficacy (LPW)	CRI	R9	UGR [1]	Photometry Report	IES File	Revit/BIM
5000lm	80CRI, 5000K	5073	41.2	123.1	82	13		PDF	IES	RFA
	80CRI, 4000K	5120	41.2	124.3	82	10		PDF	IES	
	80CRI, 3500K	5009	41.2	121.6	82	9	21.0	PDF	IES	
	80CRI, 3000K	4874	41.2	118.3	83	11		PDF	IES	
	80CRI, 2700K	4609	41.2	111.9	82	6		PDF	IES	
	90CRI, 3500K	4943	54.0	91.5	92	77		PDF	IES	
4500lm	80CRI, 5000K	4572	37.6	121.6	82	13		PDF	IES	RFA
	80CRI, 4000K	4615	37.6	122.7	82	10		PDF	IES	
	80CRI, 3500K	4515	37.6	120.1	82	9	20.6	PDF	IES	
	80CRI, 3000K	4393	37.6	116.8	83	11		PDF	IES	
	80CRI, 2700K	4239	37.6	112.7	82	6		PDF	IES	
	90CRI, 3500K	4452	47.4	93.9	92	77		PDF	IES	
4000lm	80CRI, 5000K	4080	32.5	125.5	82	13		PDF	IES	RFA
	80CRI, 4000K	4118	32.5	126.7	82	10		PDF	IES	
	80CRI, 3500K	4028	32.5	123.9	82	9	20.2	PDF	IES	
	80CRI, 3000K	3920	32.5	120.6	83	11		PDF	IES	
	80CRI, 2700K	3782	32.5	116.4	82	6		PDF	IES	
	90CRI, 3500K	3966	41.6	95.3	92	77		PDF	IES	
3500lm	80CRI, 5000K	3552	28.1	126.4	82	13		PDF	IES	RFA
	80CRI, 4000K	3585	28.1	127.6	82	10		PDF	IES	
	80CRI, 3500K	3508	28.1	124.8	82	9	19.7	PDF	IES	
	80CRI, 3000K	3413	28.1	121.5	83	11		PDF	IES	
	80CRI, 2700K	3293	28.1	117.2	82	6		PDF	IES	
	90CRI, 3500K	3433	34.9	98.4	92	77		PDF	IES	
3000lm	80CRI, 5000K	3015	23.8	126.7	82	13		PDF	IES	RFA
	80CRI, 4000K	3043	23.8	127.9	82	10		PDF	IES	
	80CRI, 3500K	2977	23.8	125.1	82	9	19.2	PDF	IES	
	80CRI, 3000K	2897	23.8	121.7	83	11		PDF	IES	
	80CRI, 2700K	2795	23.8	117.4	82	6		PDF	IES	
	90CRI, 3500K	2960	29.6	100.0	92	77		PDF	IES	
2500lm	80CRI, 5000K	2516	19.2	131.0	82	13		PDF	IES	RFA
	80CRI, 4000K	2540	19.2	132.3	82	10		PDF	IES	
	80CRI, 3500K	2484	19.2	129.4	82	9	18.5	PDF	IES	
	80CRI, 3000K	2418	19.2	125.9	83	11		PDF	IES	
	80CRI, 2700K	2333	19.1	122.1	82	6		PDF	IES	
	90CRI, 3500K	2466	24.3	101.5	92	77		PDF	IES	

1. UGR given at 3500K, based on 4Hx8Hx0.25H. UGR can be calculated at other CCTs by importing the ies file into lighting design software.

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1625	1625	1625	1625	1625	
5	1610	1615	1610	1616	1611	153
15	1530	1529	1520	1537	1532	431
25	1362	1386	1369	1399	1386	636
35	1159	1191	1161	1198	1184	738
45	920	944	929	966	942	726
55	675	701	686	709	692	620
65	433	457	430	454	439	441
75	217	228	210	223	206	231
85	40	48	38	44	31	53
90	0	0	0	0	0	
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	

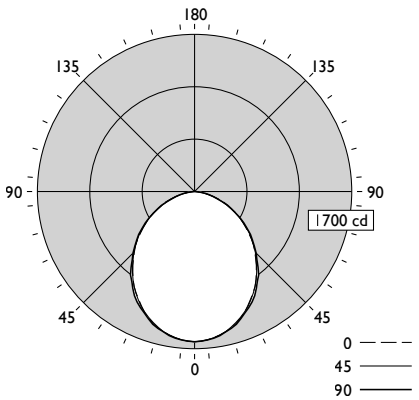
*Photometric data shown is for 3000lm, 3500K, 80 CRI configuration.

COEFFICIENTS OF UTILIZATION (%)											
Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	119	119	119	119	116	116	116	111	111	111	100
1	109	105	101	97	107	103	99	98	95	93	85
2	100	92	85	80	97	90	84	87	82	77	72
3	91	81	73	67	89	80	72	77	70	65	61
4	84	72	64	57	82	71	63	68	62	56	52
5	77	65	56	50	75	64	55	62	54	49	46
6	71	58	50	43	70	58	49	56	48	43	40
7	66	53	45	39	65	52	44	51	44	38	36
8	62	49	40	35	60	48	40	47	39	34	32
9	58	45	37	31	56	44	36	43	36	31	29
10	54	41	34	28	53	41	33	40	33	28	26

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1220	30.3%	30.3%
0-40	1957	48.6%	48.6%
0-60	3304	82.0%	82.0%
0-90	4028	100.0%	100.0%
90-130	0	0.0%	0.0%
90-150	0	0.0%	0.0%
90-180	0	0.0%	0.0%
0-180	4028	100.0%	100.0%

AVG LUMINANCE (cd/m²)			
	0	45	90
0	4817	4817	4817
5	4790	4792	4796
15	4697	4666	4704
25	4456	4479	4533
35	4197	4202	4286
45	3859	3896	3950
55	3488	3546	3577
65	3036	3017	3081
75	2484	2405	2358
85	1351	1296	1061

Electrical				
Voltage	Power (W)	Current (A)	THD (%)	Power Factor
120V	32.5	0.273	7.6	0.995
277V	32.5	0.123	8.8	0.956
347V	33.2	0.099	7.3	0.965



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2'x4' (24)

Spacing Criteria: 1.17/1.19

(Click "PDF", "IES" and "RFA" text to Download)

Lumens	Nominal CRI & CCT	Flux (lm)	Watts (W)	Efficacy (LPW)	CRI	R9	UGR [1]	Photometry Report	IES File	Revit/BIM
8000lm	80CRI, 5000K	8153	63.0	129.4	82	13		PDF	IES	RFA
	80CRI, 4000K	8257	62.5	132.1	82	10		PDF	IES	
	80CRI, 3500K	8077	62.5	129.2	82	9	20.1	PDF	IES	
	80CRI, 3000K	7860	62.5	125.8	83	11		PDF	IES	
	80CRI, 2700K	7584	62.5	121.3	82	6		PDF	IES	
7500lm	80CRI, 5000K	7695	58.6	131.3	82	13		PDF	IES	RFA
	80CRI, 4000K	7767	58.6	132.5	82	10		PDF	IES	
	80CRI, 3500K	7598	58.6	129.7	82	9	19.9	PDF	IES	
	80CRI, 3000K	7393	58.6	126.2	83	11		PDF	IES	
	80CRI, 2700K	7134	58.6	121.7	82	6		PDF	IES	
7000lm	80CRI, 5000K	7179	54.2	132.5	82	13		PDF	IES	RFA
	80CRI, 4000K	7246	54.2	133.7	82	10		PDF	IES	
	80CRI, 3500K	7089	54.2	130.8	82	9	19.7	PDF	IES	
	80CRI, 3000K	6898	54.2	127.3	83	11		PDF	IES	
	80CRI, 2700K	6655	54.2	122.8	82	6		PDF	IES	
	90CRI, 3500K	7185	69.3	103.7	94	76		PDF	IES	
6500lm	80CRI, 5000K	6642	49.5	134.2	82	13		PDF	IES	RFA
	80CRI, 4000K	6703	49.5	135.4	82	10		PDF	IES	
	80CRI, 3500K	6558	49.5	132.5	82	9	19.4	PDF	IES	
	80CRI, 3000K	6381	49.5	128.9	83	11		PDF	IES	
	80CRI, 2700K	6157	49.5	124.4	82	6		PDF	IES	
	90CRI, 3500K	6658	64.2	103.7	94	76		PDF	IES	
6000lm	80CRI, 5000K	6146	45.4	135.4	82	13		PDF	IES	RFA
	80CRI, 4000K	6203	45.4	136.6	82	10		PDF	IES	
	80CRI, 3500K	6069	45.4	133.7	82	9	19.1	PDF	IES	
	80CRI, 3000K	5905	45.4	130.1	83	11		PDF	IES	
	80CRI, 2700K	5698	45.4	125.5	82	6		PDF	IES	
	90CRI, 3500K	6127	58.2	105.3	94	76		PDF	IES	
5500lm	80CRI, 5000K	5635	41.3	136.4	82	13		PDF	IES	RFA
	80CRI, 4000K	5687	41.3	137.7	82	10		PDF	IES	
	80CRI, 3500K	5564	41.3	134.7	82	9	18.8	PDF	IES	
	80CRI, 3000K	5414	41.3	131.1	83	11		PDF	IES	
	80CRI, 2700K	5224	41.3	126.5	82	6		PDF	IES	
	90CRI, 3500K	5620	52.6	106.8	94	76		PDF	IES	
5000lm	80CRI, 5000K	5135	37.2	138.0	82	13		PDF	IES	RFA
	80CRI, 4000K	5183	37.2	139.3	82	10		PDF	IES	
	80CRI, 3500K	5070	37.2	136.3	82	9	18.5	PDF	IES	
	80CRI, 3000K	4934	37.2	132.6	83	11		PDF	IES	
	80CRI, 2700K	4761	37.2	128.0	82	6		PDF	IES	
	90CRI, 3500K	5112	47.2	108.3	94	76		PDF	IES	
4500lm	80CRI, 5000K	4602	33.3	138.2	82	13		PDF	IES	RFA
	80CRI, 4000K	4645	33.3	139.5	82	10		PDF	IES	
	80CRI, 3500K	4544	33.3	136.5	82	9	18.1	PDF	IES	
	80CRI, 3000K	4421	33.3	132.8	83	11		PDF	IES	
	80CRI, 2700K	4266	33.3	128.1	82	6		PDF	IES	
	90CRI, 3500K	4603	42.0	109.6	94	76		PDF	IES	
4000lm	80CRI, 5000K	4095	29.5	138.8	82	13		PDF	IES	RFA
	80CRI, 4000K	4133	29.5	140.1	82	10		PDF	IES	
	80CRI, 3500K	4043	29.5	137.1	82	9	17.7	PDF	IES	
	80CRI, 3000K	3934	29.5	133.4	83	11		PDF	IES	
	80CRI, 2700K	3796	29.5	128.7	82	6		PDF	IES	
	90CRI, 3500K	4078	37.2	109.6	94	76		PDF	IES	

1. UGR given at 3500K, based on 4Hx8Hx0.25H. UGR can be calculated at other CCTs by importing the ies file into lighting design software.

SilkSpace definition

Imperial & Metric sizes

Photometrics

2'x4' (24) continued

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	2448	2448	2448	2448	2448	
5	2425	2432	2426	2434	2427	230
15	2305	2304	2290	2316	2309	649
25	2052	2087	2063	2107	2087	958
35	1747	1794	1749	1805	1784	1112
45	1387	1423	1400	1455	1419	1094
55	1017	1056	1034	1068	1043	934
65	652	688	648	684	662	664
75	327	343	316	335	310	347
85	60	72	57	66	47	80
90	0	0	0	0	0	
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	

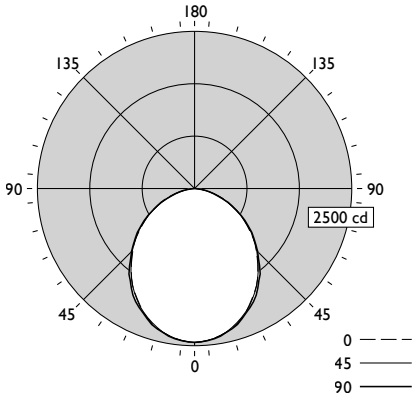
*Photometric data shown is for 6000lm, 3500K, 80 CRI configuration.

COEFFICIENTS OF UTILIZATION (%)											
Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	119	119	119	119	116	116	116	111	111	111	100
1	109	105	101	97	107	103	99	98	95	93	85
2	100	92	85	80	97	90	84	87	82	77	72
3	91	81	73	67	89	80	72	77	70	65	61
4	84	72	64	57	82	71	63	68	62	56	52
5	77	65	56	50	75	64	55	62	54	49	46
6	71	58	50	43	70	58	49	56	48	43	40
7	66	53	45	39	65	52	44	51	44	38	36
8	62	49	40	35	60	48	40	47	39	34	32
9	58	45	37	31	56	44	36	43	36	31	29
10	54	41	34	28	53	41	33	40	33	28	26

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1838	30.3%	30.3%
0-40	2949	48.6%	48.6%
0-60	4977	82.0%	82.0%
0-90	6069	100.0%	100.0%
90-130	0	0.0%	0.0%
90-150	0	0.0%	0.0%
90-180	0	0.0%	0.0%
0-180	6069	100.0%	100.0%

AVG LUMINANCE (cd/m²)			
	0	45	90
0	3536	3536	3536
5	3516	3517	3520
15	3447	3425	3452
25	3270	3287	3327
35	3080	3084	3146
45	2833	2860	2899
55	2560	2603	2625
65	2229	2214	2262
75	1823	1765	1730
85	991	951	777

Electrical				
Voltage	Power (W)	Current (A)	THD (%)	Power Factor
120V	45.4	0.380	6.9	0.996
277V	45.2	0.171	9.3	0.953
347V	44.9	0.132	6.7	0.976



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SilkSpace definition

Imperial & Metric sizes

Photometrics

1'x4' (14)

Spacing Criteria: 1.19/1.17

(Click "PDF", "IES" and "RFA" text to Download)

Lumens	Nominal CRI & CCT	Flux (lm)	Watts (W)	Efficacy (LPW)	CRI	R9	UGR [1]	Photometry Report	IES File	Revit/BIM
5000lm	80CRI, 5000K	5149	47.1	109.3	82	13		PDF	IES	RFA
	80CRI, 4000K	5197	47.1	110.3	82	10		PDF	IES	
	80CRI, 3500K	5084	47.1	107.9	82	9	21.5	PDF	IES	
	80CRI, 3000K	4947	47.1	105.0	83	11		PDF	IES	
	80CRI, 2700K	4773	47.1	101.3	82	5		PDF	IES	
4500lm	80CRI, 5000K	4679	41.6	112.5	82	13		PDF	IES	RFA
	80CRI, 4000K	4723	41.6	113.5	82	10		PDF	IES	
	80CRI, 3500K	4620	41.6	111.1	82	9	21.2	PDF	IES	
	80CRI, 3000K	4496	41.6	108.1	83	11		PDF	IES	
	80CRI, 2700K	4338	41.6	104.3	82	6		PDF	IES	
	90CRI, 3500K	4494	53.1	84.6	92	77		PDF	IES	
4000lm	80CRI, 5000K	4172	36.4	114.6	82	13		PDF	IES	RFA
	80CRI, 4000K	4211	36.4	115.7	82	10		PDF	IES	
	80CRI, 3500K	4120	36.4	113.2	82	9	20.8	PDF	IES	
	80CRI, 3000K	4009	36.4	110.1	83	11		PDF	IES	
	80CRI, 2700K	3868	36.4	106.3	82	6		PDF	IES	
	90CRI, 3500K	4005	46.2	86.7	92	77		PDF	IES	
3500lm	80CRI, 5000K	3620	31.1	116.4	82	13		PDF	IES	RFA
	80CRI, 4000K	3653	31.1	117.5	82	10		PDF	IES	
	80CRI, 3500K	3574	31.1	114.9	82	9	20.3	PDF	IES	
	80CRI, 3000K	3478	31.1	111.8	83	11		PDF	IES	
	80CRI, 2700K	3356	31.1	107.9	82	6		PDF	IES	
	90CRI, 3500K	3505	39.3	89.2	92	77		PDF	IES	
3000lm	80CRI, 5000K	3142	26.7	117.7	82	13		PDF	IES	RFA
	80CRI, 4000K	3171	26.7	118.8	82	10		PDF	IES	
	80CRI, 3500K	3102	26.7	116.2	82	9	19.8	PDF	IES	
	80CRI, 3000K	3019	26.7	113.1	83	11		PDF	IES	
	80CRI, 2700K	2913	26.7	109.1	82	6		PDF	IES	
	90CRI, 3500K	3007	32.9	91.4	92	77		PDF	IES	
2500lm	80CRI, 5000K	2593	22.5	115.2	82	13		PDF	IES	RFA
	80CRI, 4000K	2617	22.5	116.3	82	10		PDF	IES	
	80CRI, 3500K	2560	22.5	113.8	82	9	19.1	PDF	IES	
	80CRI, 3000K	2491	22.5	110.7	83	11		PDF	IES	
	80CRI, 2700K	2403	22.5	106.8	82	6		PDF	IES	
	90CRI, 3500K	2502	27.0	92.7	92	77		PDF	IES	

1. UGR given at 3500K, based on 4Hx8Hx0.25H. UGR can be calculated at other CCTs by importing the ies file into lighting design software.

SilkSpace definition

Imperial & Metric sizes

Photometrics

1'x4' (14) continued

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1676	1676	1676	1676	1676	
5	1660	1667	1662	1666	1665	158
15	1579	1594	1582	1590	1584	447
25	1433	1451	1424	1434	1416	659
35	1231	1252	1202	1199	1166	758
45	985	1002	951	936	914	740
55	731	740	689	675	643	625
65	473	484	440	435	396	443
75	241	243	208	207	183	232
85	59	61	43	45	33	57
90	0	0	0	0	0	
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	

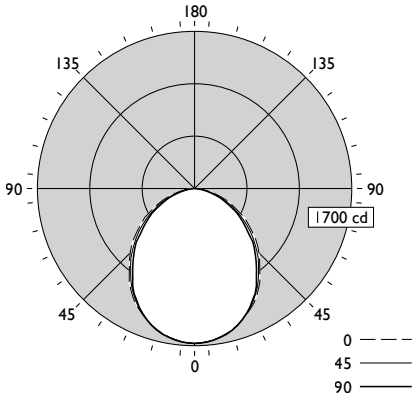
*Photometric data shown is for 4000lm, 3500K, 80 CRI configuration.

COEFFICIENTS OF UTILIZATION (%)											
Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	0
RCR											
0	119	119	119	119	116	116	116	111	111	111	100
1	109	105	101	97	107	103	99	98	95	93	85
2	100	92	86	80	97	90	84	87	82	77	72
3	91	81	73	67	89	80	72	77	71	65	61
4	84	72	64	57	82	71	63	69	62	56	53
5	77	65	56	50	75	64	56	62	55	49	46
6	72	59	50	44	70	58	50	56	49	43	40
7	67	53	45	39	65	53	44	51	44	38	36
8	62	49	41	35	61	48	40	47	40	34	32
9	58	45	37	31	57	44	37	43	36	31	29
10	54	42	34	29	53	41	34	40	33	28	26

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1264	30.7%	30.7%
0-40	2022	49.1%	49.1%
0-60	3387	82.2%	82.2%
0-90	4120	100.0%	100.0%
90-130	0	0.0%	0.0%
90-150	0	0.0%	0.0%
90-180	0	0.0%	0.0%
0-180	4120	100.0%	100.0%

AVG LUMINANCE (cd/m²)			
	0	45	90
0	5080	5080	5080
5	5052	5059	5066
15	4955	4964	4972
25	4793	4762	4738
35	4556	4450	4314
45	4221	4076	3919
55	3864	3644	3397
65	3391	3153	2838
75	2822	2435	2146
85	2045	1482	1138

Electrical				
Voltage	Power (W)	Current (A)	THD (%)	Power Factor
120V	36.4	0.304	6.6	0.997
277V	36.3	0.136	8.6	0.966
347V	37.1	0.110	6.6	0.971



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