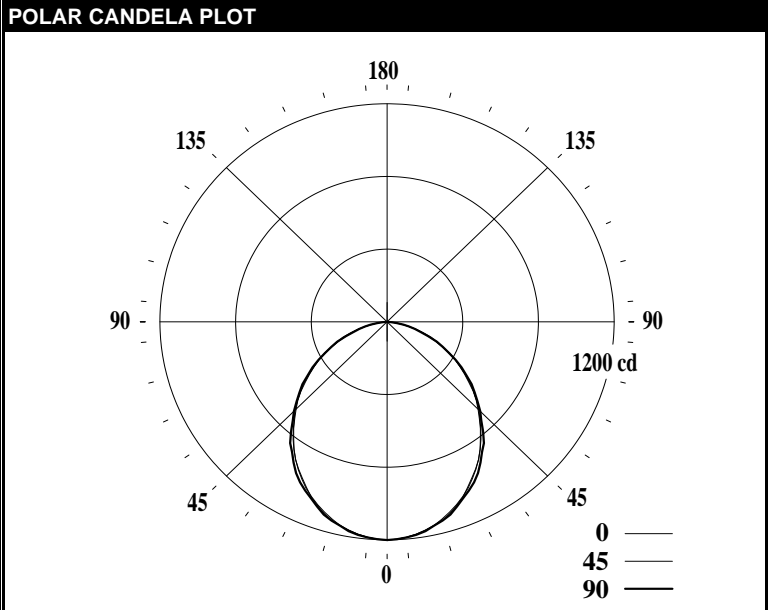


# LEDALITE - SILKSPACE DEFINITION

<b>TEST DATE:</b>	18 Oct 2019	<b>CATALOG NO:</b>	4222x1STL83530AxDE
<b>Lamp Type:</b>	LED	<b>Description:</b>	SILKSPACE DEFINITION 2X2 3000LM 835
<b>No. of Lamps:</b>	88		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	2977 lm 100.0%
<b>Input Watts:</b>	120 VAC 23.8	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 125.1
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG00443

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1201	1201	1201	1201	1201	
5	1190	1193	1190	1194	1191	113
15	1131	1130	1123	1136	1133	319
25	1007	1024	1012	1034	1024	470
35	857	880	858	886	875	545
45	680	698	687	714	696	537
55	499	518	507	524	511	458
65	320	338	318	336	325	326
75	160	168	155	165	152	170
85	29	36	28	32	23	39
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	



CHARACTERISTICS				
RP1	None			
Direct: Peak Candela & Angle (0deg)	1200.8	0.0		
Direct: Peak Candela & Angle (90deg)	1200.8	0.0		
Spacing Criteria (0deg, 90deg, 180deg)	1.17	1.19	N/A	
Indirect: Peak Candela & Angle	N/A	N/A		
Indirect: Zenith Candela, Peak to Zenith	N/A	N/A		
Luminous Length, Width, Height (ft)	1.90	1.91	0.00	
UGR (4H x 8H, 0.25H)	19.2			
Ballast Factor, Multiplication Factor	1.000	1.000		
DLC (120/277), DLC (347)	standard	standard		
x, y, CCT, Duv	0.4061	0.3934	3505	0.0010
CRI (Ra), R9	82		9	
120V: P(W), I(A), THD(%), PF	23.8	0.200	10.8	0.991
277V: P(W), I(A), THD(%), PF	23.7	0.092	10.6	0.927
347V: P(W), I(A), THD(%), PF	24.1	0.074	9.4	0.941

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	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		

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	902	30.3%	30.3%
0-40	1447	48.6%	48.6%
0-60	2442	82.0%	82.0%
0-90	2977	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	2977	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	3560	3560	3560
5	3541	3542	3545
15	3471	3448	3476
25	3293	3310	3350
35	3102	3106	3168
45	2853	2880	2920
55	2578	2621	2644
65	2244	2230	2277
75	1836	1777	1742
85	997	959	782

LUMINAIRE SECTION



**LEDALITE**

Ledalite  
19750 - 92A Avenue  
Langley, BC  
CANADA V1M 3B2  
Phone: 604-888-6811  
Fax: 800-665-5332  
604-888-2003