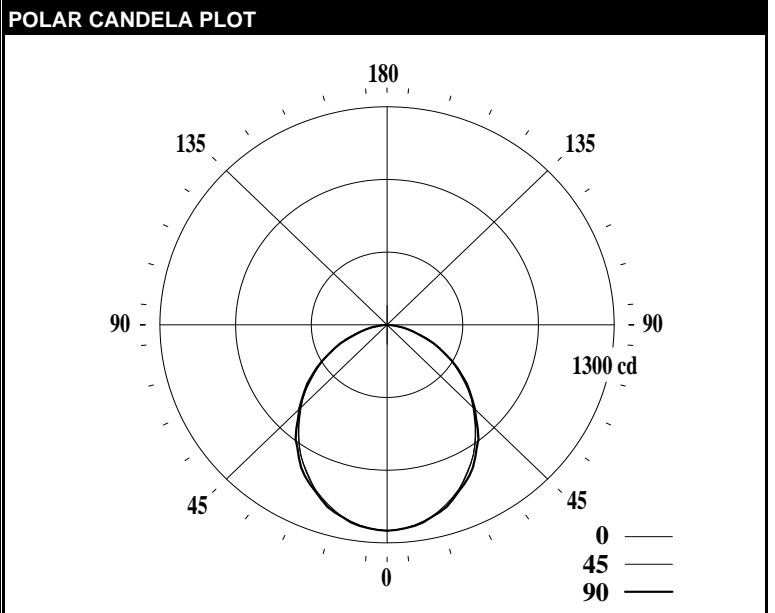


LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	CATALOG NO:	4222x1STL84030AxDE
Lamp Type:	LED	Description:	SILKSPACE DEFINITION 2X2 3000LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3043 lm 100.0%
Input Watts:	120 VAC 23.8	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 127.9
CIE-IES Classification:	Direct	Report:	LNG00449

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1228	1228	1228	1228	1228	
5	1216	1220	1217	1221	1217	116
15	1156	1155	1148	1161	1158	326
25	1029	1047	1034	1057	1047	480
35	876	900	877	905	895	557
45	695	714	702	730	712	549
55	510	530	518	536	523	469
65	327	345	325	343	332	333
75	164	172	159	168	156	174
85	30	36	29	33	24	40
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)	1227.5		0.0
Direct: Peak Candela & Angle (90deg)	1227.5		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)			N/A
Ballast Factor, Multiplication Factor	1.000		1.000
DLC (120/277), DLC (347)		premium	premium
x, y, CCT, Duv	0.3794	0.3781	4040 0.0010
CRI (Ra), R9			82 10
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	922	30.3%	30.3%
0-40	1479	48.6%	48.6%
0-60	2496	82.0%	82.0%
0-90	3043	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	3043	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	3640	3640	3640
5	3619	3621	3623
15	3548	3525	3554
25	3366	3384	3425
35	3170	3175	3238
45	2916	2944	2984
55	2635	2679	2703
65	2293	2279	2328
75	1876	1817	1781
85	1021	980	799

LUMINAIRE SECTION	



LEDALITE

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