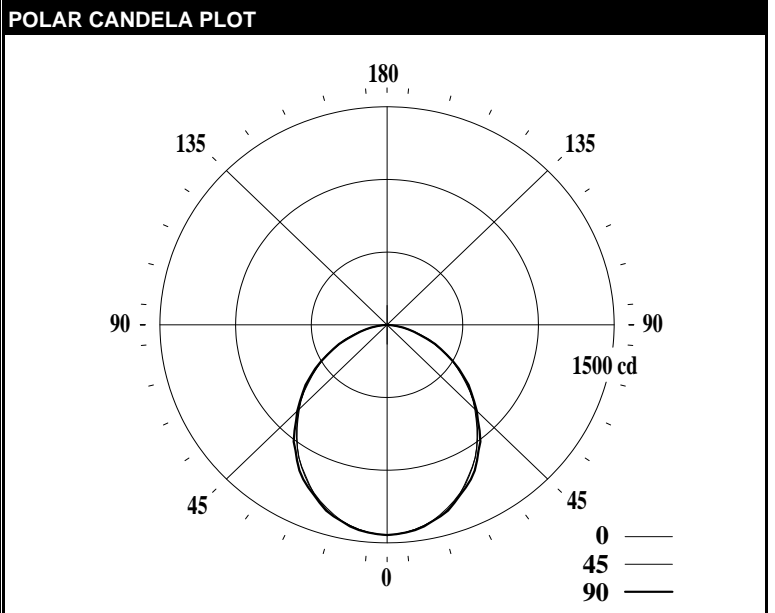


# LEDALITE - SILKSPACE DEFINITION

<b>TEST DATE:</b>	18 Oct 2019	<b>CATALOG NO:</b>	4222x1STL84035AxDE
<b>Lamp Type:</b>	LED	<b>Description:</b>	SILKSPACE DEFINITION 2X2 3500LM 840
<b>No. of Lamps:</b>	88		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	3585 lm 100.0%
<b>Input Watts:</b>	120 VAC 28.1	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 127.6
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG00450

CANDELA DISTRIBUTION							Flux
	0	22.5	45	67.5	90		Lumens
0	1446	1446	1446	1446	1446		
5	1433	1437	1433	1438	1434		136
15	1362	1361	1353	1368	1364		384
25	1212	1233	1219	1245	1233		566
35	1032	1060	1033	1067	1054		657
45	819	841	827	860	839		647
55	601	624	611	631	616		552
65	385	407	383	404	391		392
75	193	203	187	198	183		205
85	35	43	34	39	28		47
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)	1446.1	0.0	
Direct: Peak Candela & Angle (90deg)	1446.1	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	standard
x, y, CCT, Duv	0.3794	0.3781	4040 0.0010
CRI (Ra), R9		82	10
120V: P(W), I(A), THD(%), PF	28.1	0.236	9.1 0.993
277V: P(W), I(A), THD(%), PF	28.0	0.108	9.3 0.941
347V: P(W), I(A), THD(%), PF	28.7	0.087	8.2 0.955

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



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ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1086	30.3%	30.3%
0-40	1742	48.6%	48.6%
0-60	2941	82.0%	82.0%
0-90	3586	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	3585	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	4288	4288	4288
5	4264	4266	4269
15	4180	4153	4187
25	3966	3987	4035
35	3735	3740	3815
45	3435	3468	3516
55	3105	3156	3184
65	2702	2686	2743
75	2211	2140	2099
85	1201	1153	942

LUMINAIRE SECTION	