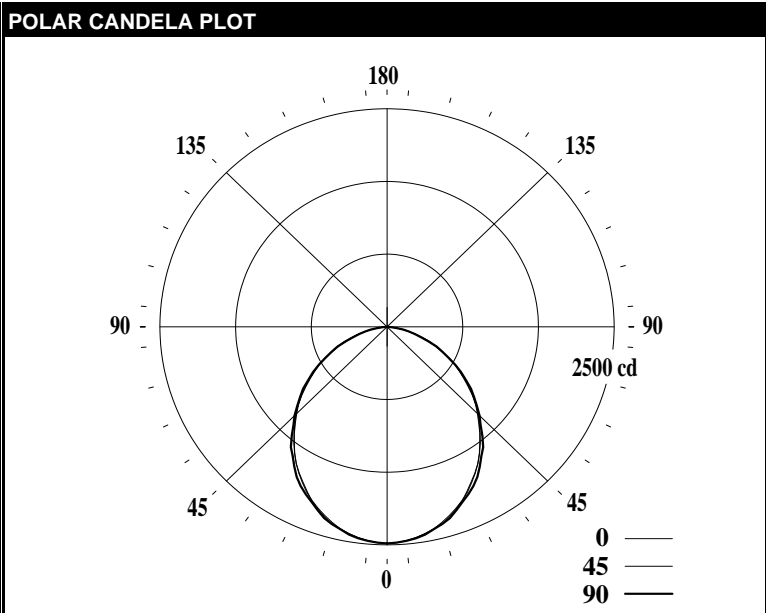


# LEDALITE - SILKSPACE DEFINITION

<b>TEST DATE:</b>	18 Oct 2019		<b>CATALOG NO:</b>	4224x1STL82765AxDE		
<b>Lamp Type:</b>	LED		<b>Description:</b>	SILKSPACE DEFINITION 2X4 6500LM 827		
<b>No. of Lamps:</b>	176					
<b>Rated Lamp Lumens:</b>	-1		<b>Flux (lm), Efficiency (%):</b>	6157 lm		100.0%
<b>Input Watts:</b>	120 VAC	49.5	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn		124.4
<b>CIE-IES Classification:</b>	Direct		<b>Report:</b>	LNG00506		

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	2483	2483	2483	2483	2483	
5	2460	2468	2461	2469	2463	234
15	2339	2337	2323	2350	2342	659
25	2082	2118	2093	2138	2118	972
35	1772	1820	1775	1832	1810	1128
45	1407	1444	1420	1476	1440	1110
55	1031	1071	1049	1083	1058	948
65	661	698	657	694	671	674
75	331	348	321	340	315	353
85	61	74	58	67	48	81
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)	2483.3	0.0	
Direct: Peak Candela & Angle (90deg)	2483.3	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)	3.90	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	0.4554	0.4074	2737 0.0008
CRI (Ra), R9		82	6
120V: P(W), I(A), THD(%), PF	49.5	0.414	6.3 0.997
277V: P(W), I(A), THD(%), PF	49.3	0.185	8.7 0.959
347V: P(W), I(A), THD(%), PF	48.8	0.144	6.1 0.979

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		

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1864	30.3%	30.3%
0-40	2992	48.6%	48.6%
0-60	5050	82.0%	82.0%
0-90	6157	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	6157	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	3587	3587	3587
5	3567	3569	3571
15	3497	3474	3502
25	3318	3335	3375
35	3125	3129	3191
45	2874	2901	2941
55	2597	2641	2664
65	2261	2247	2295
75	1850	1790	1755
85	1006	966	789

LUMINAIRE SECTION



**LEDALITE**

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