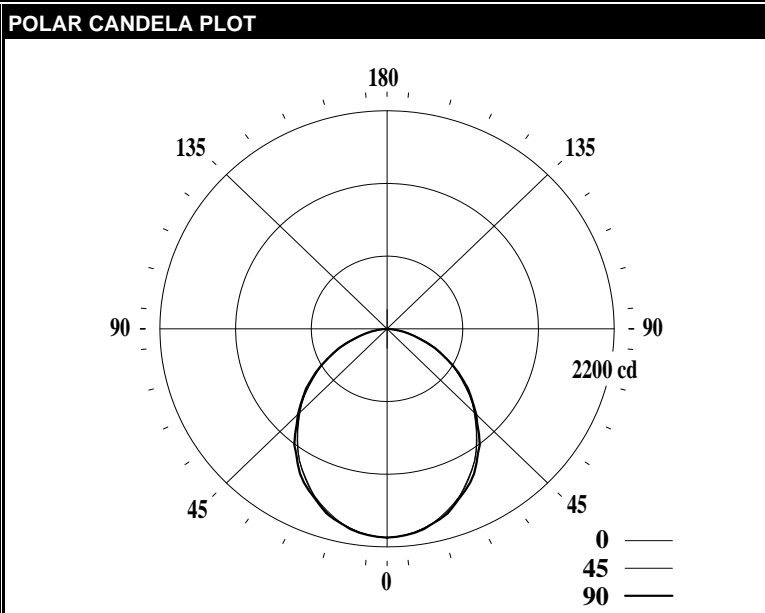


# LEDALITE - SILKSPACE DEFINITION

<b>TEST DATE:</b>	18 Oct 2019	<b>CATALOG NO:</b>	4224x1STL82755AxDE
<b>Lamp Type:</b>	LED	<b>Description:</b>	SILKSPACE DEFINITION 2X4 5500LM 827
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	5224 lm 100.0%
<b>Input Watts:</b>	120 VAC 41.3	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 126.5
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG00504

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	2107	2107	2107	2107	2107	
5	2087	2094	2088	2095	2089	198
15	1984	1983	1971	1993	1987	559
25	1766	1797	1775	1814	1797	824
35	1503	1544	1506	1554	1535	957
45	1194	1225	1205	1253	1222	942
55	875	909	890	919	897	804
65	561	592	558	589	570	572
75	281	295	272	289	267	299
85	52	62	49	56	40	69
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)	2106.9	0.0	
Direct: Peak Candela & Angle (90deg)	2106.9	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	41.3	0.346	7.5 0.994
277V: P(W), I(A), THD(%), PF	41.2	0.157	9.9 0.946
347V: P(W), I(A), THD(%), PF	41.0	0.122	7.4 0.970

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	1582	30.3%	30.3%
0-40	2538	48.6%	48.6%
0-60	4284	82.0%	82.0%
0-90	5224	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	5224	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	3043	3043	3043
5	3026	3028	3030
15	2967	2948	2972
25	2815	2830	2864
35	2651	2655	2708
45	2438	2462	2496
55	2204	2240	2260
65	1918	1906	1947
75	1569	1519	1489
85	854	819	670

LUMINAIRE SECTION



**LEDALITE**

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