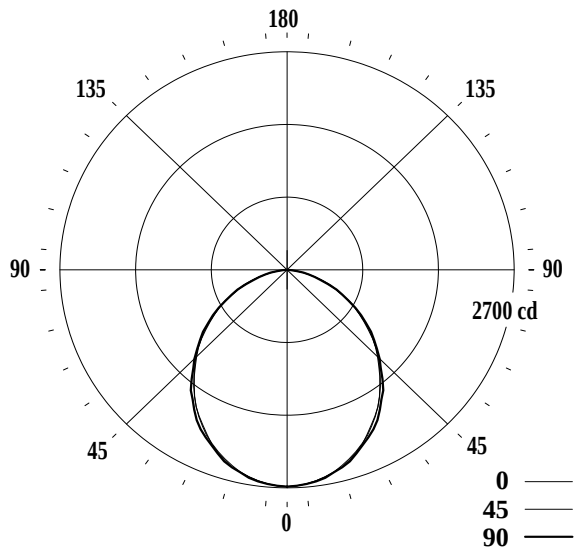
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4224x1STL82770AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X4 7000LM 827
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6655 lm 100.0%
Input Watts:	120 VAC 54.2	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 122.8
CIE-IES Classification:	Direct	**Report:**	LNG00507

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2684	2684	2684	2684	2684	
5	2659	2668	2660	2669	2662	253
15	2528	2527	2511	2540	2532	712
25	2250	2289	2262	2311	2289	1050
35	1916	1967	1918	1980	1956	1219
45	1521	1560	1535	1596	1557	1200
55	1115	1158	1133	1171	1143	1025
65	715	755	711	751	726	728
75	358	376	347	368	340	381
85	66	79	63	72	52	88
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	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			2684.3	0.0
Direct: Peak Candela & Angle (90deg)			2684.3	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	54.2	0.452	5.7	0.998
277V: P(W), I(A), THD(%), PF	53.9	0.202	8.1	0.964
347V: P(W), I(A), THD(%), PF	53.4	0.157	5.4	0.980

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	2015	30.3%	30.3%
0-40	3234	48.6%	48.6%
0-60	5459	82.0%	82.0%
0-90	6655	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	6655	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3877	3877	3877
5	3856	3857	3860
15	3781	3756	3786
25	3587	3605	3649
35	3378	3382	3450
45	3107	3136	3180
55	2808	2854	2879
65	2444	2428	2480
75	2000	1936	1898
85	1087	1044	854

LUMINAIRE SECTION

LEDALITE

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