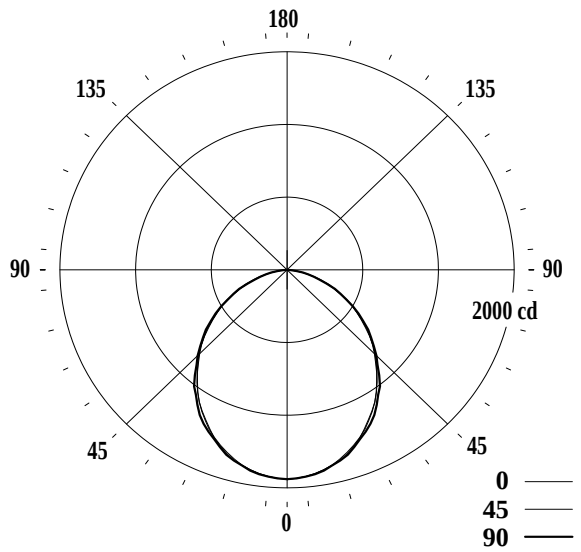
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4224x1STL82750AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X4 5000LM 827
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4761 lm 100.0%
Input Watts:	120 VAC 37.2	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 128.0
CIE-IES Classification:	Direct	**Report:**	LNG00503

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1920	1920	1920	1920	1920	
5	1902	1908	1903	1909	1904	181
15	1808	1807	1796	1817	1811	509
25	1610	1637	1618	1653	1637	751
35	1370	1407	1372	1416	1399	872
45	1088	1116	1098	1142	1113	858
55	797	828	811	838	818	733
65	511	540	508	537	519	521
75	256	269	248	263	243	273
85	47	57	45	51	37	63
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)			1920.1	0.0
Direct: Peak Candela & Angle (90deg)			1920.1	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)		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	37.2	0.311	6.3	0.997
277V: P(W), I(A), THD(%), PF	37.2	0.139	8.6	0.967
347V: P(W), I(A), THD(%), PF	37.9	0.112	6.5	0.972

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	1441	30.3%	30.3%
0-40	2313	48.6%	48.6%
0-60	3905	82.0%	82.0%
0-90	4761	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	4761	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2774	2774	2774
5	2758	2759	2761
15	2704	2686	2708
25	2565	2579	2610
35	2416	2419	2468
45	2222	2243	2274
55	2008	2042	2060
65	1748	1737	1774
75	1430	1384	1357
85	777	746	610

LUMINAIRE SECTION

LEDALITE

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