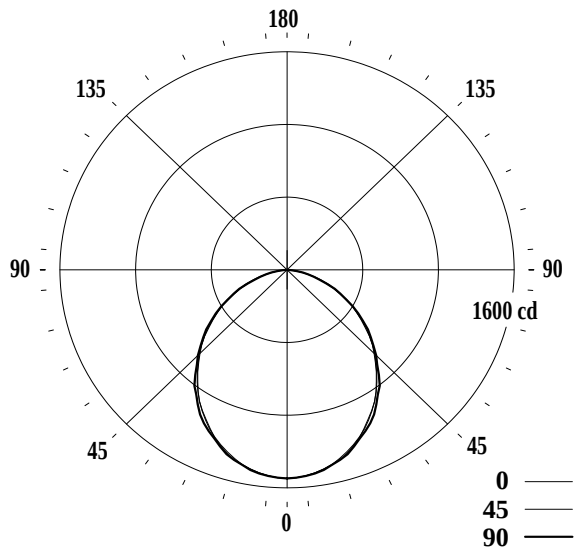
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4224x1STL82740AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X4 4000LM 827
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3796 lm 100.0%
Input Watts:	120 VAC 29.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 128.7
CIE-IES Classification:	Direct	**Report:**	LNG00501

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1531	1531	1531	1531	1531	
5	1517	1522	1517	1522	1518	144
15	1442	1441	1432	1449	1444	406
25	1283	1306	1290	1318	1306	599
35	1093	1122	1094	1129	1116	695
45	867	890	876	910	888	685
55	636	660	646	668	652	584
65	408	430	405	428	414	415
75	204	215	198	210	194	217
85	37	45	36	41	29	50
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)			1531.0	0.0
Direct: Peak Candela & Angle (90deg)			1531.0	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	29.5	0.247	8.6	0.994
277V: P(W), I(A), THD(%), PF	29.4	0.110	9.9	0.969
347V: P(W), I(A), THD(%), PF	30.1	0.090	7.9	0.958

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	1149	30.3%	30.3%
0-40	1845	48.6%	48.6%
0-60	3113	82.0%	82.0%
0-90	3796	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	3796	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2212	2212	2212
5	2199	2200	2202
15	2156	2142	2159
25	2046	2056	2081
35	1927	1929	1968
45	1772	1789	1813
55	1601	1628	1642
65	1394	1385	1415
75	1140	1104	1082
85	620	595	487

LUMINAIRE SECTION

LEDALITE

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