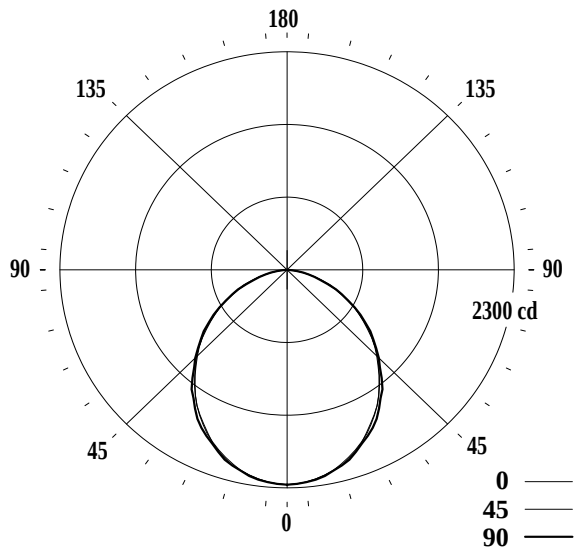
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4224x1STL93555AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X4 5500LM 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5620 lm 100.0%
Input Watts:	120 VAC 52.6	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 106.8
CIE-IES Classification:	Direct	**Report:**	LNG00549

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2267	2267	2267	2267	2267	
5	2246	2253	2246	2254	2248	213
15	2135	2133	2121	2145	2138	601
25	1900	1933	1910	1951	1933	887
35	1618	1661	1620	1672	1652	1029
45	1284	1318	1296	1348	1314	1013
55	941	978	957	989	965	865
65	604	637	600	634	613	615
75	303	318	293	311	287	322
85	55	67	53	61	44	74
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)			2266.7	0.0
Direct: Peak Candela & Angle (90deg)			2266.7	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)			standard	standard
x, y, CCT ,Duv	0.4078	0.3915	3452	0.0002
CRI (Ra), R9			94	76
120V: P(W), I(A), THD(%), PF	52.6	0.439	5.9	0.998
277V: P(W), I(A), THD(%), PF	52.3	0.196	8.3	0.962
347V: P(W), I(A), THD(%), PF	51.8	0.152	5.7	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	1702	30.3%	30.3%
0-40	2731	48.6%	48.6%
0-60	4609	82.0%	82.0%
0-90	5620	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	5620	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3274	3274	3274
5	3256	3257	3259
15	3192	3171	3197
25	3028	3044	3081
35	2852	2856	2913
45	2623	2648	2685
55	2371	2410	2431
65	2063	2051	2095
75	1688	1634	1602
85	918	882	721

LUMINAIRE SECTION

LEDALITE

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