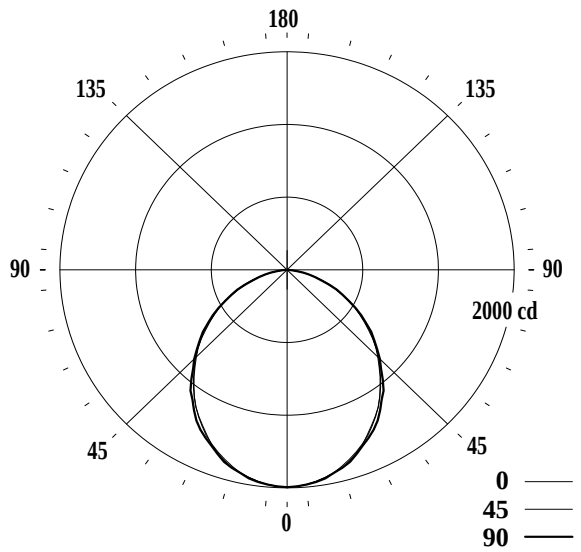
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4222x1STL93550AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X2 5000LM 935
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4943 lm 100.0%
Input Watts:	120 VAC 54.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 91.5
CIE-IES Classification:	Direct	**Report:**	LNG00465

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1994	1994	1994	1994	1994	
5	1975	1981	1976	1983	1977	188
15	1878	1877	1865	1886	1880	529
25	1671	1700	1680	1716	1700	780
35	1423	1461	1425	1470	1453	905
45	1129	1159	1140	1185	1156	891
55	828	860	842	870	849	761
65	531	561	528	557	539	541
75	266	280	258	273	253	283
85	49	59	47	53	38	65
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)			1993.7	0.0
Direct: Peak Candela & Angle (90deg)			1993.7	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)		1.90	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)			N/A	N/A
x, y, CCT ,Duv	0.4064	0.3901	3471	0.0005
CRI (Ra), R9			92	77
120V: P(W), I(A), THD(%), PF	54.0	0.450	5.7	0.998
277V: P(W), I(A), THD(%), PF	53.6	0.201	8.1	0.963
347V: P(W), I(A), THD(%), PF	53.1	0.156	5.5	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	1497	30.3%	30.3%
0-40	2402	48.6%	48.6%
0-60	4054	82.0%	82.0%
0-90	4943	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	4943	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5911	5911	5911
5	5879	5881	5885
15	5763	5725	5772
25	5468	5496	5562
35	5150	5156	5259
45	4736	4781	4847
55	4280	4352	4390
65	3725	3702	3782
75	3048	2951	2893
85	1657	1592	1300

LUMINAIRE SECTION

LEDALITE

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