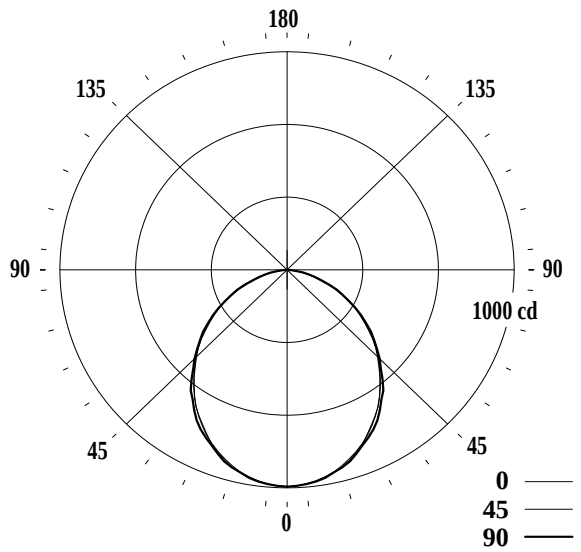
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4222x1STL93525AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X2 2500LM 935
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2466 lm 100.0%
Input Watts:	120 VAC 24.3	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 101.5
CIE-IES Classification:	Direct	**Report:**	LNG00460

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	995	995	995	995	995	
5	985	988	986	989	986	94
15	937	936	931	941	938	264
25	834	848	838	856	848	389
35	710	729	711	734	725	452
45	563	578	569	591	577	445
55	413	429	420	434	424	380
65	265	280	263	278	269	270
75	133	139	129	136	126	141
85	24	29	23	27	19	33
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	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			994.6	0.0
Direct: Peak Candela & Angle (90deg)			994.6	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)			standard	standard
x, y, CCT ,Duv	0.4064	0.3901	3471	0.0005
CRI (Ra), R9			92	77
120V: P(W), I(A), THD(%), PF	24.3	0.204	9.6	0.993
277V: P(W), I(A), THD(%), PF	24.3	0.094	10.3	0.929
347V: P(W), I(A), THD(%), PF	24.9	0.076	9.1	0.943

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	747	30.3%	30.3%
0-40	1198	48.6%	48.6%
0-60	2023	82.0%	82.0%
0-90	2466	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	2466	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2949	2949	2949
5	2933	2934	2936
15	2875	2856	2880
25	2728	2742	2775
35	2569	2572	2623
45	2362	2385	2418
55	2135	2171	2190
65	1858	1847	1887
75	1521	1472	1443
85	827	793	650

LUMINAIRE SECTION

LEDALITE

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