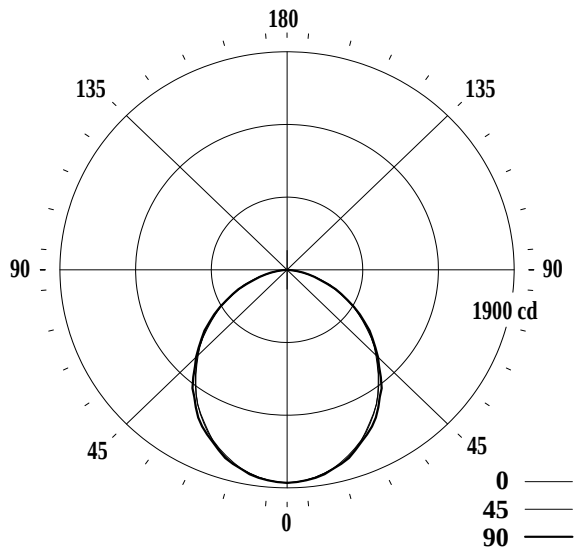
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4224x1STL93545AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X4 4500LM 935
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4603 lm 100.0%
Input Watts:	120 VAC 42.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 109.6
CIE-IES Classification:	Direct	**Report:**	LNG00547

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1857	1857	1857	1857	1857	
5	1839	1845	1840	1846	1841	175
15	1748	1747	1737	1757	1751	493
25	1556	1583	1564	1598	1583	726
35	1325	1361	1327	1369	1353	843
45	1052	1079	1062	1104	1076	830
55	771	801	784	810	791	709
65	495	522	491	519	502	504
75	248	260	240	254	235	264
85	45	55	44	50	36	61
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)			1856.5	0.0
Direct: Peak Candela & Angle (90deg)			1856.5	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	42.0	0.352	7.4	0.994
277V: P(W), I(A), THD(%), PF	41.9	0.160	9.8	0.948
347V: P(W), I(A), THD(%), PF	41.7	0.124	7.3	0.971

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	1394	30.3%	30.3%
0-40	2237	48.6%	48.6%
0-60	3775	82.0%	82.0%
0-90	4603	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	4603	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2682	2682	2682
5	2667	2668	2670
15	2615	2597	2618
25	2480	2493	2523
35	2336	2339	2386
45	2148	2169	2199
55	1942	1974	1991
65	1690	1680	1715
75	1383	1338	1312
85	752	723	590

LUMINAIRE SECTION

LEDALITE

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