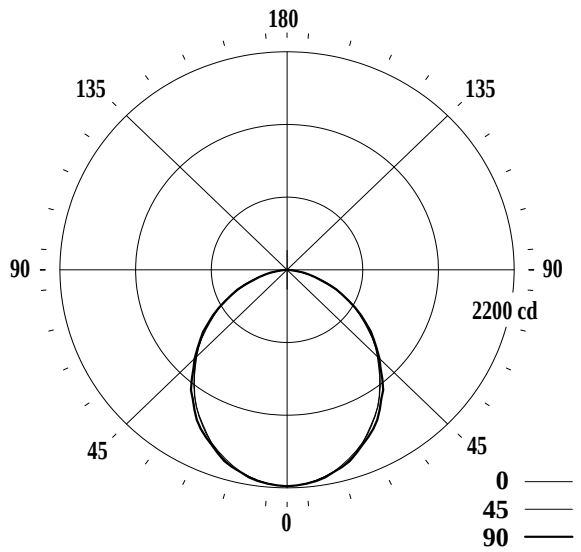
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4224x1STL83055AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X4 5500LM 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5414 lm 100.0%
Input Watts:	120 VAC 41.3	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 131.1
CIE-IES Classification:	Direct	**Report:**	LNG00513

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2184	2184	2184	2184	2184	
5	2163	2170	2164	2171	2166	206
15	2056	2055	2043	2066	2059	579
25	1830	1862	1840	1880	1862	854
35	1558	1600	1560	1610	1591	992
45	1237	1269	1249	1298	1266	976
55	907	942	922	953	930	833
65	582	614	578	611	590	592
75	291	306	282	299	277	310
85	53	65	51	59	42	71
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)			2183.5	0.0
Direct: Peak Candela & Angle (90deg)			2183.5	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)			premium	premium
x, y, CCT ,Duv	0.4288	0.4004	3112	0.0003
CRI (Ra), R9			83	11
120V: P(W), I(A), THD(%), PF	41.3	0.346	7.5	0.994
277V: P(W), I(A), THD(%), PF	41.2	0.157	9.9	0.946
347V: P(W), I(A), THD(%), PF	41.0	0.122	7.4	0.970

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	1639	30.3%	30.3%
0-40	2631	48.6%	48.6%
0-60	4440	82.0%	82.0%
0-90	5414	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	5414	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3154	3154	3154
5	3137	3138	3140
15	3075	3055	3080
25	2917	2933	2968
35	2748	2751	2806
45	2527	2551	2586
55	2284	2322	2342
65	1988	1976	2018
75	1626	1574	1544
85	885	849	694

LUMINAIRE SECTION

LEDALITE

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