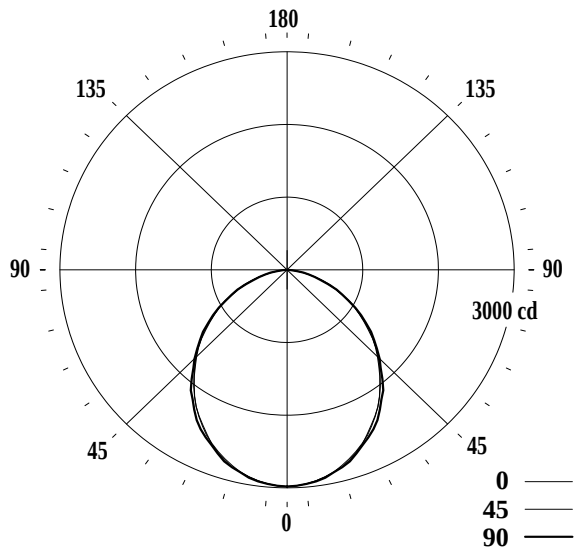
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4224x1STL83075AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X4 7500LM 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	7393 lm 100.0%
Input Watts:	120 VAC 58.6	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 126.2
CIE-IES Classification:	Direct	**Report:**	LNG00517

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2982	2982	2982	2982	2982	
5	2954	2963	2955	2965	2957	281
15	2808	2807	2790	2821	2812	791
25	2500	2543	2513	2567	2543	1167
35	2128	2185	2131	2199	2173	1354
45	1689	1733	1706	1773	1729	1333
55	1238	1286	1259	1301	1270	1138
65	794	838	789	834	806	809
75	398	418	385	409	378	423
85	73	88	70	80	57	97
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)			2982.0	0.0
Direct: Peak Candela & Angle (90deg)			2982.0	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	58.6	0.491	9.0	0.995
277V: P(W), I(A), THD(%), PF	58.1	0.213	10.0	0.987
347V: P(W), I(A), THD(%), PF	58.3	0.173	9.6	0.973

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	2239	30.3%	30.3%
0-40	3593	48.6%	48.6%
0-60	6064	82.0%	82.0%
0-90	7393	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	7393	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4307	4307	4307
5	4283	4285	4288
15	4200	4172	4206
25	3984	4005	4053
35	3752	3757	3832
45	3451	3484	3532
55	3119	3171	3199
65	2715	2698	2756
75	2221	2150	2108
85	1208	1160	948

LUMINAIRE SECTION

LEDALITE

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