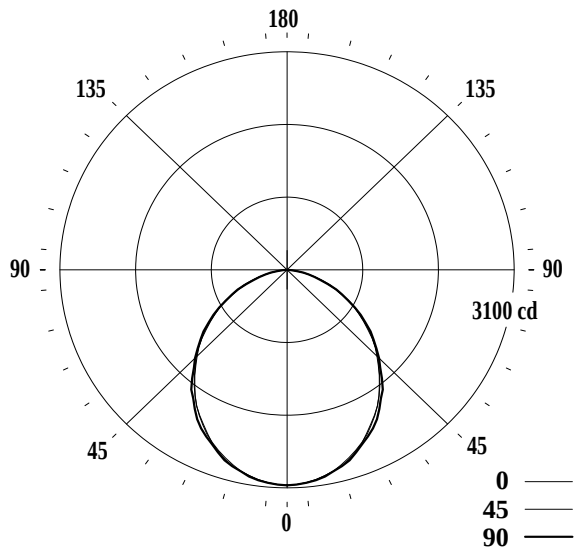
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4224x1STL83575AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X4 7500LM 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	7598 lm 100.0%
Input Watts:	120 VAC 58.6	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 129.7
CIE-IES Classification:	Direct	**Report:**	LNG00526

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	3065	3065	3065	3065	3065	
5	3036	3045	3037	3047	3039	288
15	2886	2884	2867	2900	2890	813
25	2569	2613	2582	2638	2613	1199
35	2187	2246	2190	2260	2233	1392
45	1736	1781	1753	1822	1777	1370
55	1273	1322	1294	1337	1305	1170
65	816	862	811	857	829	831
75	409	430	396	420	388	435
85	75	91	72	82	59	100
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)			3064.5	0.0
Direct: Peak Candela & Angle (90deg)			3064.5	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)				19.9
Ballast Factor, Multiplication Factor			1.000	1.000
DLC (120/277), DLC (347)			premium	premium
x, y, CCT ,Duv	0.4061	0.3934	3505	0.0010
CRI (Ra), R9			82	9
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	2301	30.3%	30.3%
0-40	3692	48.6%	48.6%
0-60	6232	82.0%	82.0%
0-90	7598	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	7598	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4427	4427	4427
5	4402	4404	4407
15	4316	4287	4322
25	4095	4116	4165
35	3856	3861	3938
45	3546	3580	3630
55	3205	3259	3287
65	2790	2773	2832
75	2283	2210	2166
85	1241	1192	975

LUMINAIRE SECTION

LEDALITE

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