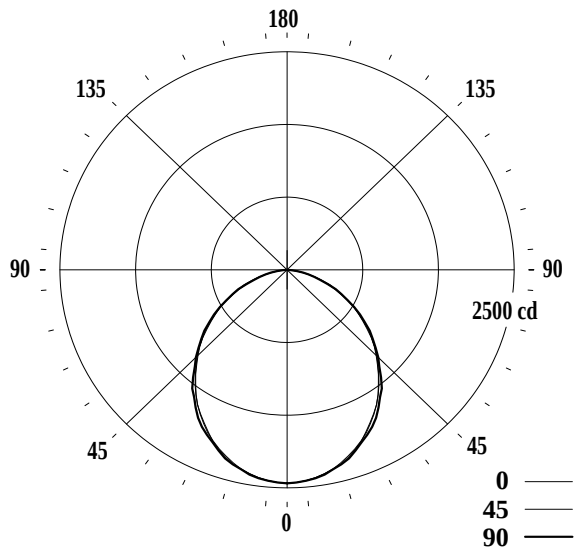
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4224x1STL83560AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X4 6000LM 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6069 lm 100.0%
Input Watts:	120 VAC 45.4	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 133.7
CIE-IES Classification:	Direct	**Report:**	LNG00523

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2448	2448	2448	2448	2448	
5	2425	2432	2426	2434	2427	230
15	2305	2304	2290	2316	2309	649
25	2052	2087	2063	2107	2087	958
35	1747	1794	1749	1805	1784	1112
45	1387	1423	1400	1455	1419	1094
55	1017	1056	1034	1068	1043	934
65	652	688	648	684	662	664
75	327	343	316	335	310	347
85	60	72	57	66	47	80
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)			2447.7	0.0
Direct: Peak Candela & Angle (90deg)			2447.7	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)				19.1
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	45.4	0.380	6.9	0.996
277V: P(W), I(A), THD(%), PF	45.2	0.171	9.3	0.953
347V: P(W), I(A), THD(%), PF	44.9	0.132	6.7	0.976

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	1838	30.3%	30.3%
0-40	2949	48.6%	48.6%
0-60	4977	82.0%	82.0%
0-90	6069	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	6069	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3536	3536	3536
5	3516	3517	3520
15	3447	3425	3452
25	3270	3287	3327
35	3080	3084	3146
45	2833	2860	2899
55	2560	2603	2625
65	2229	2214	2262
75	1823	1765	1730
85	991	951	777

LUMINAIRE SECTION

LEDALITE

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