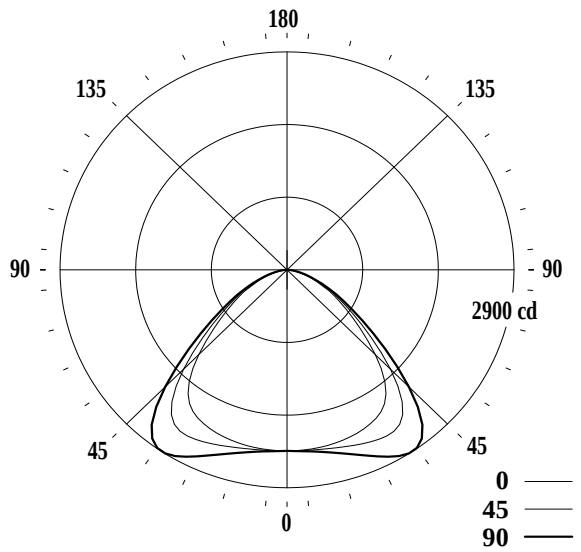
LEDALITE - SILKSPACE

TEST DATE:	22 Jun 2016	**CATALOG NO:**	**4224xxxxL8BA**
Lamp Type:	LED	**Description:**	SILKSPACE 2X4 6800LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6897 lm 100.0%
Input Watts:	120 VAC 61.4	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 112.3
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1224 F36630Color F36632

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2409	2409	2409	2409	2409	
5	2407	2404	2414	2420	2424	231
15	2386	2399	2451	2502	2524	696
25	2332	2380	2525	2678	2739	1171
35	2172	2256	2510	2785	2892	1560
45	1594	1666	1870	2110	2202	1445
55	931	960	1040	1136	1175	951
65	493	501	543	569	583	545
75	207	211	223	236	243	242
85	39	41	48	54	57	57
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)			2409.3	0.0
Direct: Peak Candela & Angle (90deg)			2896.2	32.5
Spacing Criteria (0deg, 90deg, 180deg)		1.39	1.68	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)		3.9000	1.8900	0.0000
UGR (4H x 8H, 0.25H)				18.1
Ballast Factor, Multiplication Factor			1.000	1.000
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4152	0.4003	3371	0.0020
CRI (Ra), R9			82	4
120V: P(W), I(A), THD(%), PF	61.4	0.514	8.5	0.995
277V: P(W), I(A), THD(%), PF	60.8	0.222	9.5	0.988
347V: P(W), I(A), THD(%), PF	N/A	N/A	N/A	N/A

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	110	106	102	99	108	104	100	100	97	94	87
2	101	94	88	83	99	92	86	89	84	80	74
3	93	83	76	70	91	82	75	79	73	68	64
4	86	74	66	60	83	73	66	71	64	59	55
5	79	67	58	52	77	66	58	64	57	51	48
6	73	60	52	46	71	60	52	58	51	45	43
7	68	55	47	41	66	54	46	53	45	40	38
8	63	50	42	36	62	49	42	48	41	36	34
9	59	46	38	33	58	45	38	44	37	32	30
10	55	42	35	30	54	42	34	41	34	29	27

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	2098	30.4%	30.4%
0-40	3658	53.0%	53.0%
0-60	6053	87.8%	87.8%
0-90	6897	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	6897	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3517	3517	3517
5	3527	3537	3551
15	3606	3704	3814
25	3756	4067	4411
35	3870	4473	5154
45	3291	3860	4546
55	2369	2648	2990
65	1702	1874	2012
75	1167	1256	1372
85	652	797	955

LUMINAIRE SECTION

LEDALITE

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