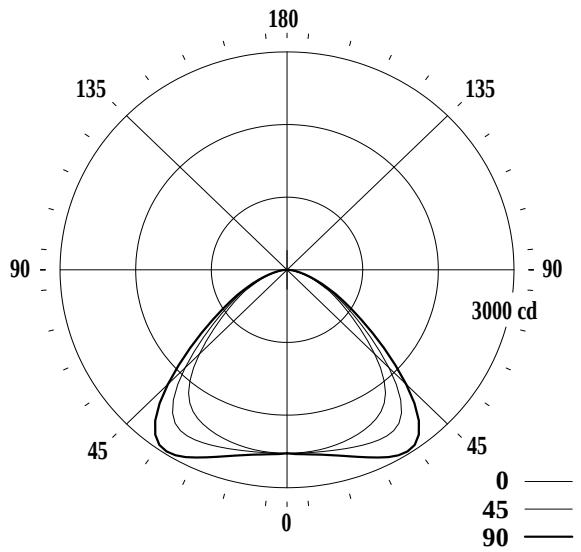
LEDALITE - SILKSPACE

TEST DATE:	22 Jun 2016	**CATALOG NO:**	**4224xxxxL8AA**
Lamp Type:	LED	**Description:**	SILKSPACE 2X4 6800LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	7093 lm 100.0%
Input Watts:	120 VAC 61.7	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 115.0
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1224 F36629Color F36627

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2526	2526	2526	2526	2526	
5	2522	2517	2531	2536	2548	242
15	2495	2507	2565	2620	2648	729
25	2426	2475	2627	2784	2850	1217
35	2241	2324	2579	2844	2943	1599
45	1638	1701	1906	2135	2226	1471
55	954	978	1059	1158	1202	970
65	509	524	555	583	597	559
75	212	217	229	242	249	249
85	40	43	49	55	59	58
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)			2526.0	0.0
Direct: Peak Candela & Angle (90deg)			2964.7	32.5
Spacing Criteria (0deg, 90deg, 180deg)		1.37	1.65	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)				18.2
Ballast Factor, Multiplication Factor			1.000	1.000
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.3933	0.3920	3787	0.0035
CRI (Ra), R9			82	0
120V: P(W), I(A), THD(%), PF	61.7	0.517	8.5	0.995
277V: P(W), I(A), THD(%), PF	61.1	0.223	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	87	89	84	80	74
3	93	84	76	70	91	82	75	79	73	68	64
4	86	75	67	60	83	73	66	71	64	59	56
5	79	67	59	52	77	66	58	64	57	52	49
6	73	61	52	46	71	60	52	58	51	45	43
7	68	55	47	41	66	54	46	53	46	40	38
8	63	50	42	37	62	50	42	48	41	36	34
9	59	46	38	33	58	46	38	44	37	33	31
10	55	43	35	30	54	42	35	41	34	30	28

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	2188	30.8%	30.8%
0-40	3787	53.4%	53.4%
0-60	6227	87.8%	87.8%
0-90	7093	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	7093	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3687	3687	3687
5	3696	3709	3734
15	3770	3877	4001
25	3908	4232	4591
35	3993	4596	5244
45	3381	3935	4596
55	2428	2696	3060
65	1758	1916	2063
75	1194	1293	1407
85	662	821	990

LUMINAIRE SECTION

LEDALITE

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