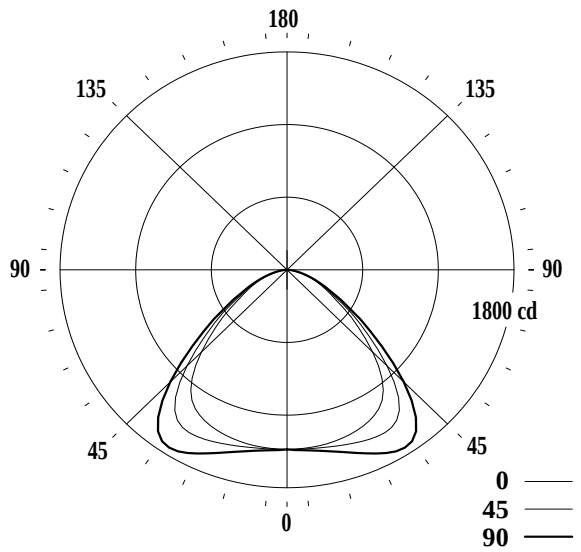
LEDALITE - SILKSPACE

TEST DATE:	22 Jun 2016	**CATALOG NO:**	**4224xxxxL8AD**
Lamp Type:	LED	**Description:**	SILKSPACE 2X4 4000LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4147 lm 100.0%
Input Watts:	120 VAC 33.9	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 122.3
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1226 F36629Color F36629

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1483	1483	1483	1483	1483	
5	1481	1478	1486	1491	1496	142
15	1465	1473	1507	1540	1555	428
25	1425	1455	1545	1637	1674	715
35	1315	1367	1517	1671	1728	940
45	960	1001	1122	1256	1309	865
55	541	572	624	681	707	561
65	296	301	315	330	337	316
75	124	127	135	143	146	146
85	23	25	29	33	34	34
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)			1483.3	0.0
Direct: Peak Candela & Angle (90deg)			1740.9	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)				16.3
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	33.9	0.284	6.2	0.996
277V: P(W), I(A), THD(%), PF	33.6	0.126	9.8	0.966
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	69	64
4	86	75	67	60	84	73	66	71	64	59	56
5	79	67	59	53	77	66	58	64	57	52	49
6	73	61	52	46	71	60	52	58	51	46	43
7	68	55	47	41	66	54	46	53	46	41	38
8	63	50	42	37	62	50	42	48	41	36	34
9	59	46	38	33	58	46	38	45	38	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	1285	31.0%	31.0%
0-40	2225	53.7%	53.7%
0-60	3651	88.0%	88.0%
0-90	4147	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	4147	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2165	2165	2165
5	2169	2177	2192
15	2214	2277	2351
25	2296	2488	2696
35	2343	2704	3080
45	1982	2316	2702
55	1378	1589	1799
65	1023	1088	1162
75	701	760	825
85	389	481	576

LUMINAIRE SECTION

LEDALITE

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