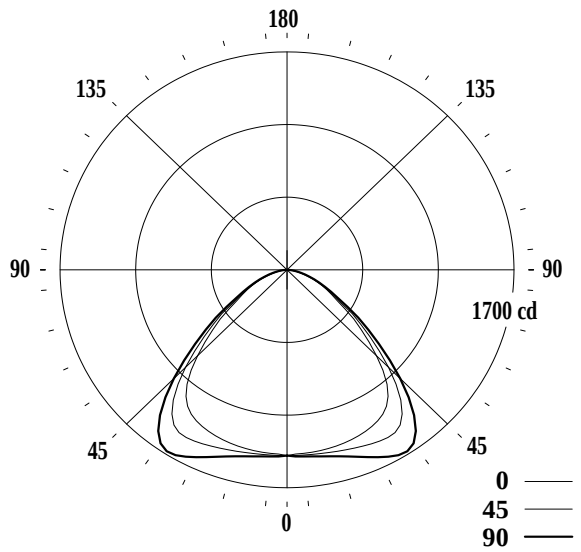
LEDALITE - SILKSPACE

TEST DATE:	23 Jun 2016	**CATALOG NO:**	**4214xxxxL8BD**
Lamp Type:	LED	**Description:**	SILKSPACE 1X4 4000LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3994 lm 100.0%
Input Watts:	120 VAC 37.7	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 105.9
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1221 F36639Color F36641

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1449	1449	1449	1449	1449	
5	1437	1445	1451	1458	1461	139
15	1423	1438	1465	1494	1506	416
25	1390	1422	1497	1580	1613	694
35	1299	1351	1478	1607	1652	912
45	948	987	1076	1163	1199	825
55	529	543	597	634	652	532
65	289	293	301	309	313	301
75	121	125	132	137	140	142
85	23	26	29	31	32	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)			1449.3	0.0
Direct: Peak Candela & Angle (90deg)			1677.8	32.5
Spacing Criteria (0deg, 90deg, 180deg)		1.38	1.61	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	0.8900	0.0000
UGR (4H x 8H, 0.25H)				18.6
Ballast Factor, Multiplication Factor			1.000	1.000
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4170	0.4015	3344	0.0022
CRI (Ra), R9			82	5
120V: P(W), I(A), THD(%), PF	37.7	0.315	5.5	0.996
277V: P(W), I(A), THD(%), PF	37.3	0.139	9.0	0.971
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	101	100	97	94	87
2	101	94	88	83	99	92	87	89	84	80	75
3	93	84	76	70	91	82	75	79	73	69	64
4	86	75	67	61	84	74	66	71	65	59	56
5	79	67	59	53	77	66	58	64	57	52	49
6	73	61	52	46	72	60	52	58	51	46	43
7	68	55	47	41	66	55	47	53	46	41	38
8	63	51	42	37	62	50	42	49	42	37	34
9	59	46	39	33	58	46	38	45	38	33	31
10	56	43	35	30	54	42	35	41	35	30	28

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1249	31.3%	31.3%
0-40	2161	54.1%	54.1%
0-60	3518	88.1%	88.1%
0-90	3994	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	3994	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4493	4493	4493
5	4472	4514	4547
15	4567	4702	4833
25	4756	5121	5516
35	4914	5593	6253
45	4156	4715	5258
55	2859	3228	3523
65	2116	2209	2294
75	1449	1579	1674
85	811	1024	1135

LUMINAIRE SECTION

LEDALITE

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