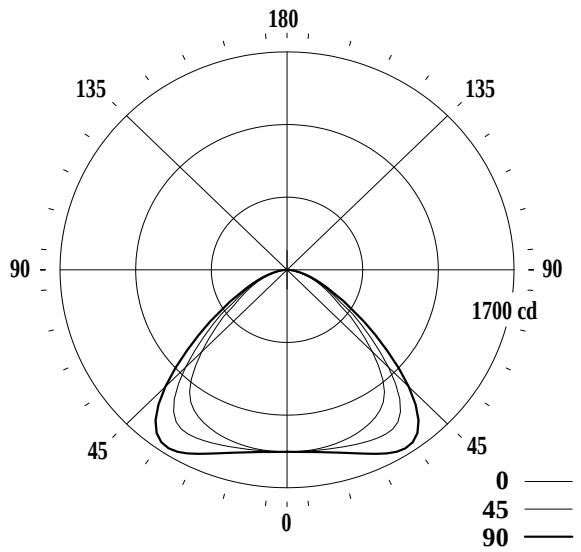
LEDALITE - SILKSPACE

TEST DATE:	21 Jun 2016	**CATALOG NO:**	**4222xxxxL8BD**
Lamp Type:	LED	**Description:**	SILKSPACE 2X2 4000LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3972 lm 100.0%
Input Watts:	120 VAC 39.3	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 101.1
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1221 F36620Color F36618

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1419	1419	1419	1419	1419	
5	1419	1419	1420	1424	1426	136
15	1404	1414	1438	1465	1476	409
25	1363	1394	1471	1553	1583	681
35	1258	1311	1449	1594	1642	898
45	903	947	1075	1231	1289	833
55	487	505	600	675	704	539
65	277	282	301	323	332	303
75	116	119	129	140	146	140
85	22	24	27	32	35	33
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)			1420.2	2.5
Direct: Peak Candela & Angle (90deg)			1650.8	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)		1.9000	1.8900	0.0000
UGR (4H x 8H, 0.25H)				18.8
Ballast Factor, Multiplication Factor			1.000	1.000
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4149	0.4007	3380	0.0023
CRI (Ra), R9			82	3
120V: P(W), I(A), THD(%), PF	39.3	0.329	5.5	0.996
277V: P(W), I(A), THD(%), PF	38.9	0.145	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	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	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	44	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	1226	30.9%	30.9%
0-40	2124	53.5%	53.5%
0-60	3496	88.0%	88.0%
0-90	3972	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	3972	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4252	4252	4252
5	4268	4271	4289
15	4356	4460	4579
25	4507	4863	5235
35	4602	5299	6006
45	3828	4556	5462
55	2546	3134	3679
65	1963	2131	2357
75	1337	1496	1690
85	763	942	1196

LUMINAIRE SECTION

LEDALITE

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