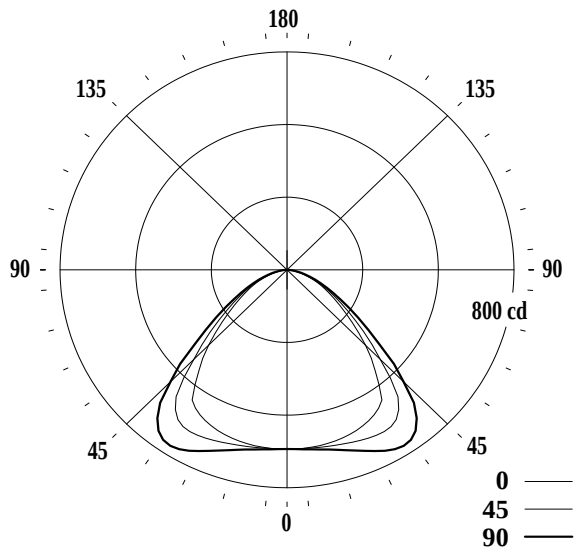
LEDALITE - SILKSPACE

TEST DATE:	21 Jun 2016	**CATALOG NO:**	**4222xxxxL8BK**
Lamp Type:	LED	**Description:**	SILKSPACE 2X2 1700LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1810 lm 100.0%
Input Watts:	120 VAC 16.7	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 108.4
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1223 F36620Color F36620

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	658	658	658	658	658	
5	658	658	658	660	661	63
15	651	655	666	679	684	189
25	632	646	681	720	734	316
35	583	607	671	739	762	414
45	391	411	465	552	581	369
55	226	235	259	291	305	239
65	128	131	139	150	154	140
75	53	55	60	65	67	65
85	11	11	13	15	16	15
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	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			658.3	2.5
Direct: Peak Candela & Angle (90deg)			766.0	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)				16.0
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	16.7	0.141	10.1	0.990
277V: P(W), I(A), THD(%), PF	16.8	0.066	15.3	0.922
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	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	568	31.4%	31.4%
0-40	983	54.3%	54.3%
0-60	1590	87.8%	87.8%
0-90	1810	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	1810	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	1971	1971	1971
5	1979	1980	1989
15	2019	2067	2122
25	2088	2253	2426
35	2133	2454	2786
45	1657	1968	2460
55	1183	1354	1594
65	910	987	1092
75	618	692	780
85	361	443	554

LUMINAIRE SECTION

LEDALITE

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