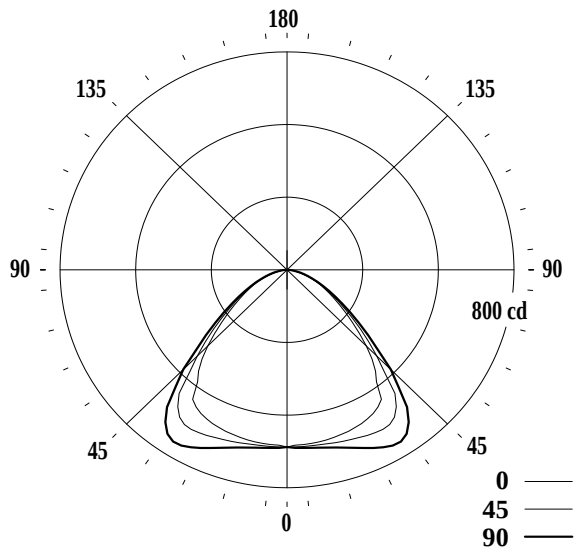
LEDALITE - SILKSPACE

TEST DATE:	23 Jun 2016	**CATALOG NO:**	**4214xxxxL8BK**
Lamp Type:	LED	**Description:**	SILKSPACE 1X4 1700LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1752 lm 100.0%
Input Watts:	120 VAC 16.2	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 108.1
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1223 F36639Color F36639

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	650	650	650	650	650	
5	644	648	651	654	656	62
15	637	644	657	670	675	186
25	623	636	671	707	721	311
35	580	603	660	717	735	405
45	395	411	448	493	517	348
55	228	235	249	264	271	226
65	129	131	134	138	140	135
75	54	56	59	62	63	63
85	10	12	13	14	14	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-Critical spaces			
Direct: Peak Candela & Angle (0deg)			650.4	0.0
Direct: Peak Candela & Angle (90deg)			747.4	32.5
Spacing Criteria (0deg, 90deg, 180deg)		1.38	1.60	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)				15.7
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	16.2	0.136	10.1	0.990
277V: P(W), I(A), THD(%), PF	16.3	0.064	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	101	100	97	94	87
2	101	94	88	83	99	92	87	89	84	80	75
3	93	84	76	71	91	82	75	79	74	69	64
4	86	75	67	61	84	74	66	71	65	60	56
5	79	68	59	53	77	66	59	64	57	52	49
6	74	61	53	47	72	60	52	58	51	46	43
7	68	56	47	42	67	55	47	53	46	41	39
8	64	51	43	37	62	50	42	49	42	37	35
9	60	47	39	34	58	46	39	45	38	33	31
10	56	43	35	30	55	43	35	42	35	30	28

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	559	31.9%	31.9%
0-40	965	55.1%	55.1%
0-60	1539	87.8%	87.8%
0-90	1752	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	1752	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2016	2016	2016
5	2004	2026	2042
15	2044	2108	2167
25	2129	2293	2468
35	2195	2498	2781
45	1733	1962	2267
55	1234	1344	1465
65	946	985	1026
75	646	701	749
85	370	462	512

LUMINAIRE SECTION

LEDALITE

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