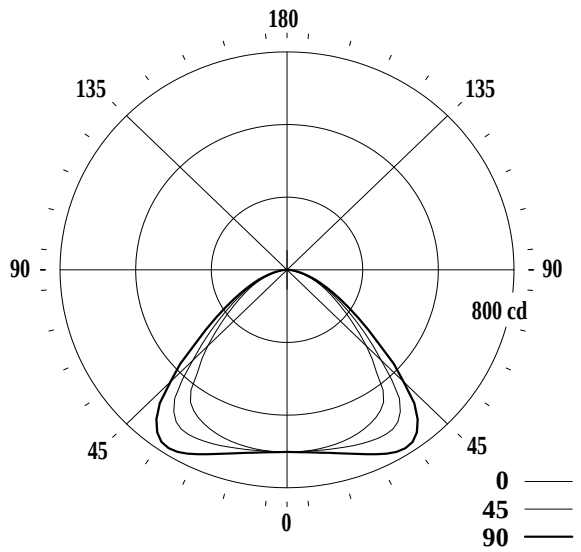
LEDALITE - SILKSPACE

TEST DATE:	22 Jun 2016	**CATALOG NO:**	**4222xxxxL8AK**
Lamp Type:	LED	**Description:**	SILKSPACE 2X2 1700LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1832 lm 100.0%
Input Watts:	120 VAC 16.6	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 110.4
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1223 F36626Color F36626

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	668	668	668	668	668	
5	668	669	669	671	672	64
15	662	667	678	691	697	193
25	644	659	694	732	747	322
35	594	618	681	749	771	421
45	396	415	469	555	581	372
55	228	237	261	292	306	240
65	129	132	140	150	155	141
75	54	56	60	65	68	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)			668.8	2.5
Direct: Peak Candela & Angle (90deg)			776.4	32.5
Spacing Criteria (0deg, 90deg, 180deg)		1.38	1.64	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	0.3921	0.3913	3809	0.0035
CRI (Ra), R9			82	1
120V: P(W), I(A), THD(%), PF	16.6	0.140	10.1	0.990
277V: P(W), I(A), THD(%), PF	16.7	0.065	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	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	53	47	72	60	52	58	51	46	43
7	68	55	47	41	67	55	47	53	46	41	38
8	64	51	43	37	62	50	42	49	42	37	34
9	59	47	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	578	31.6%	31.6%
0-40	999	54.5%	54.5%
0-60	1611	87.9%	87.9%
0-90	1833	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	1832	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2003	2003	2003
5	2010	2013	2022
15	2055	2104	2162
25	2130	2294	2469
35	2171	2492	2822
45	1676	1989	2461
55	1192	1363	1596
65	915	990	1096
75	619	689	781
85	364	440	550

LUMINAIRE SECTION

LEDALITE

Ledalite
19750 - 92A Avenue
Langley, BC
CANADA V1M 3B2
Phone: 604-888-6811
Fax: 800-665-5332
604-888-2003