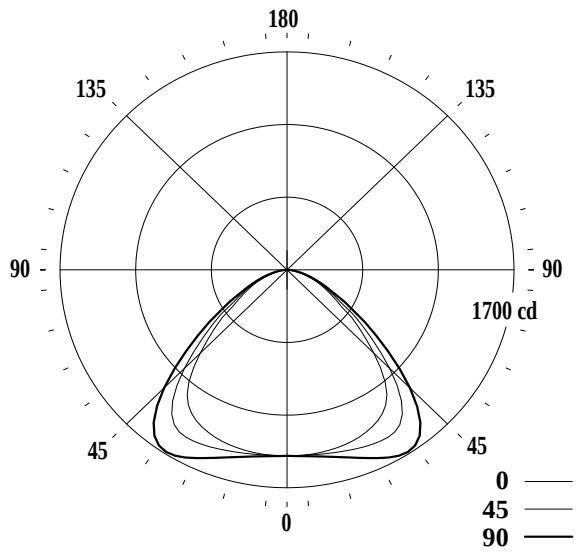
LEDALITE - SILKSPACE

TEST DATE:	22 Jun 2016	**CATALOG NO:**	**4222xxxxL8AD**
Lamp Type:	LED	**Description:**	SILKSPACE 2X2 4000LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4037 lm 100.0%
Input Watts:	120 VAC 39.3	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 102.7
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1221 F36626Color F36624

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1451	1451	1451	1451	1451	
5	1451	1451	1452	1456	1459	139
15	1438	1447	1472	1500	1512	418
25	1398	1427	1504	1587	1620	697
35	1288	1338	1474	1621	1673	915
45	920	963	1087	1238	1301	843
55	496	518	606	678	713	545
65	280	286	304	326	337	306
75	116	120	130	141	147	142
85	23	24	28	32	34	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)			1451.7	2.5
Direct: Peak Candela & Angle (90deg)			1684.6	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)				18.8
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	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	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	73	66	71	65	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	47	53	46	41	38
8	63	50	42	37	62	50	42	48	41	36	34
9	59	46	38	33	58	46	38	45	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	1254	31.1%	31.1%
0-40	2169	53.7%	53.7%
0-60	3556	88.1%	88.1%
0-90	4037	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	4037	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4347	4347	4347
5	4363	4368	4388
15	4460	4565	4692
25	4620	4971	5357
35	4712	5390	6120
45	3899	4605	5512
55	2589	3164	3723
65	1987	2152	2387
75	1348	1506	1702
85	774	956	1183

LUMINAIRE SECTION

LEDALITE

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