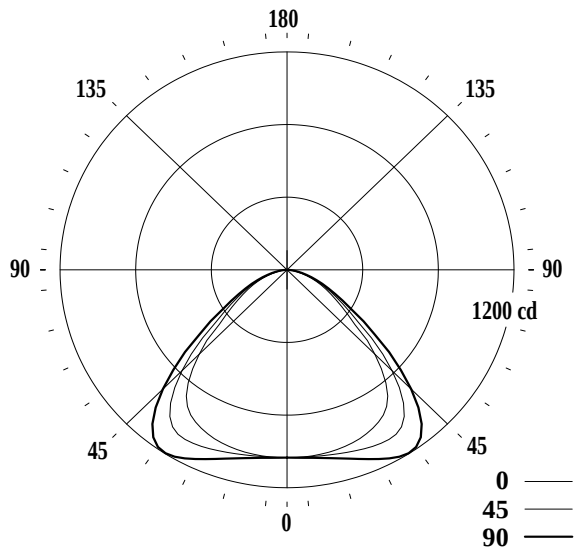
LEDALITE - SILKSPACE

TEST DATE:	22 Jun 2016	**CATALOG NO:**	**4222xxxxL8CE**
Lamp Type:	LED	**Description:**	SILKSPACE 2X2 3000LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2876 lm 100.0%
Input Watts:	120 VAC 27.9	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 103.1
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1222 F36621Color F36622

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1034	1034	1034	1034	1034	
5	1034	1034	1035	1037	1039	99
15	1024	1031	1048	1068	1075	298
25	995	1018	1072	1130	1149	496
35	919	957	1056	1158	1190	654
45	657	693	786	893	928	604
55	353	368	408	457	494	379
65	200	205	219	235	242	220
75	84	87	94	103	107	102
85	17	18	20	24	25	24
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)			1034.8	2.5
Direct: Peak Candela & Angle (90deg)			1197.2	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)				17.6
Ballast Factor, Multiplication Factor			1.000	1.000
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4425	0.4114	2968	0.0021
CRI (Ra), R9			81	-2
120V: P(W), I(A), THD(%), PF	27.9	0.234	8.3	0.994
277V: P(W), I(A), THD(%), PF	27.8	0.106	12.2	0.950
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	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	893	31.1%	31.1%
0-40	1547	53.8%	53.8%
0-60	2530	87.9%	87.9%
0-90	2876	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	2876	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3098	3098	3098
5	3110	3112	3125
15	3178	3252	3334
25	3291	3546	3800
35	3361	3862	4354
45	2782	3329	3931
55	1844	2132	2582
65	1419	1550	1713
75	970	1088	1233
85	567	698	870

LUMINAIRE SECTION

LEDALITE

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