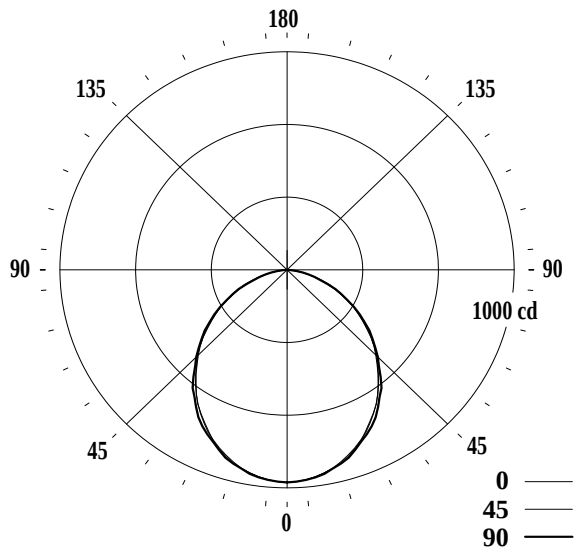
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4222x1STL83025AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X2 2500LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2418 lm 100.0%
Input Watts:	120 VAC 19.2	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 125.9
CIE-IES Classification:	Direct	**Report:**	LNG00436

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	975	975	975	975	975	
5	966	969	966	970	967	92
15	918	918	912	923	920	259
25	817	832	822	839	832	382
35	696	715	697	719	711	443
45	552	567	558	580	565	436
55	405	421	412	425	415	372
65	260	274	258	273	264	265
75	130	137	126	134	124	138
85	24	29	23	26	19	32
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)			975.1	0.0
Direct: Peak Candela & Angle (90deg)			975.1	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.17	1.19	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)		1.90	1.91	0.00
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.000
DLC (120/277), DLC (347)			premium	standard
x, y, CCT ,Duv	0.4288	0.4004	3112	0.0003
CRI (Ra), R9			83	11
120V: P(W), I(A), THD(%), PF	19.2	0.161	8.4	0.994
277V: P(W), I(A), THD(%), PF	19.2	0.072	12.2	0.956
347V: P(W), I(A), THD(%), PF	19.9	0.059	10.3	0.971

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	109	105	101	97	107	103	99	98	95	93	85
2	100	92	85	80	97	90	84	87	82	77	72
3	91	81	73	67	89	80	72	77	70	65	61
4	84	72	64	57	82	71	63	68	62	56	52
5	77	65	56	50	75	64	55	62	54	49	46
6	71	58	50	43	70	58	49	56	48	43	40
7	66	53	45	39	65	52	44	51	44	38	36
8	62	49	40	35	60	48	40	47	39	34	32
9	58	45	37	31	56	44	36	43	36	31	29
10	54	41	34	28	53	41	33	40	33	28	26

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	732	30.3%	30.3%
0-40	1175	48.6%	48.6%
0-60	1983	82.0%	82.0%
0-90	2418	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	2418	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2891	2891	2891
5	2875	2876	2878
15	2819	2800	2823
25	2674	2688	2720
35	2519	2522	2572
45	2316	2339	2371
55	2093	2128	2147
65	1822	1811	1849
75	1490	1443	1415
85	810	779	636

LUMINAIRE SECTION

LEDALITE

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