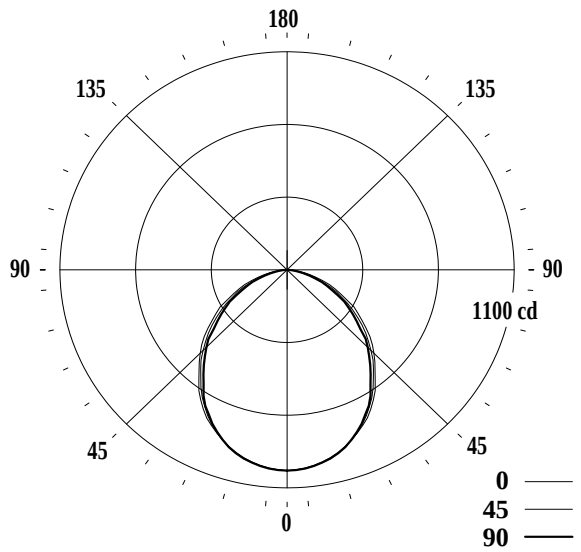
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4214x1STL83025AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 1X4 2500LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2491 lm 100.0%
Input Watts:	277 VAC 22.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 110.7
CIE-IES Classification:	Direct	**Report:**	LNG00472

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1013	1013	1013	1013	1013	
5	1004	1008	1005	1007	1007	96
15	954	964	956	961	958	270
25	866	877	861	867	856	399
35	744	757	727	725	705	458
45	595	606	575	566	553	448
55	442	447	417	408	389	378
65	286	293	266	263	239	268
75	146	147	126	125	111	140
85	36	37	26	27	20	35
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)			1013.1	0.0
Direct: Peak Candela & Angle (90deg)			1013.1	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.19	1.17	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)		3.90	0.91	0.00
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.000
DLC (120/277), DLC (347)			standard	standard
x, y, CCT ,Duv	0.4288	0.4004	3112	0.0003
CRI (Ra), R9			83	11
120V: P(W), I(A), THD(%), PF	22.0	0.185	12.0	0.989
277V: P(W), I(A), THD(%), PF	22.5	0.086	12.4	0.938
347V: P(W), I(A), THD(%), PF	22.3	0.069	10.0	0.933

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	86	80	97	90	84	87	82	77	72
3	91	81	73	67	89	80	72	77	71	65	61
4	84	72	64	57	82	71	63	69	62	56	53
5	77	65	56	50	75	64	56	62	55	49	46
6	72	59	50	44	70	58	50	56	49	43	40
7	67	53	45	39	65	53	44	51	44	38	36
8	62	49	41	35	61	48	40	47	40	34	32
9	58	45	37	31	57	44	37	43	36	31	29
10	54	42	34	29	53	41	34	40	33	28	26

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	764	30.7%	30.7%
0-40	1223	49.1%	49.1%
0-60	2048	82.2%	82.2%
0-90	2491	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	2491	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3072	3072	3072
5	3055	3059	3063
15	2996	3002	3006
25	2898	2880	2865
35	2755	2690	2609
45	2552	2465	2369
55	2336	2203	2054
65	2050	1907	1716
75	1707	1472	1298
85	1235	897	685

LUMINAIRE SECTION

LEDALITE

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