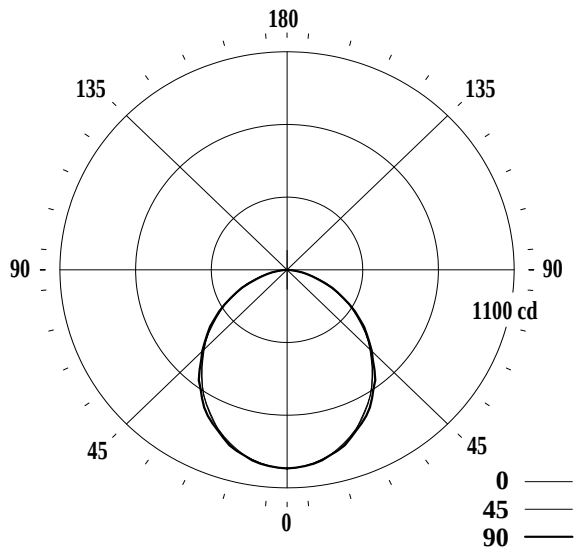
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4222x1STL83525AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X2 2500LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2484 lm 100.0%
Input Watts:	120 VAC 19.2	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 129.4
CIE-IES Classification:	Direct	**Report:**	LNG00442

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1002	1002	1002	1002	1002	
5	993	996	993	996	994	94
15	944	943	938	948	945	266
25	840	855	844	863	855	392
35	715	734	716	739	730	455
45	568	583	573	596	581	448
55	416	432	423	437	427	382
65	267	282	265	280	271	272
75	134	141	130	137	127	142
85	25	30	24	27	19	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	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			1002.0	0.0
Direct: Peak Candela & Angle (90deg)			1002.0	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)				18.5
Ballast Factor, Multiplication Factor			1.000	1.000
DLC (120/277), DLC (347)			premium	standard
x, y, CCT ,Duv	0.4061	0.3934	3505	0.0010
CRI (Ra), R9			82	9
120V: P(W), I(A), THD(%), PF	19.2	0.161	8.3	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	752	30.3%	30.3%
0-40	1207	48.6%	48.6%
0-60	2038	82.0%	82.0%
0-90	2485	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	2484	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2971	2971	2971
5	2955	2956	2958
15	2897	2878	2901
25	2748	2762	2796
35	2588	2592	2643
45	2380	2403	2436
55	2151	2187	2206
65	1873	1861	1901
75	1532	1484	1454
85	833	799	653

LUMINAIRE SECTION

LEDALITE

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