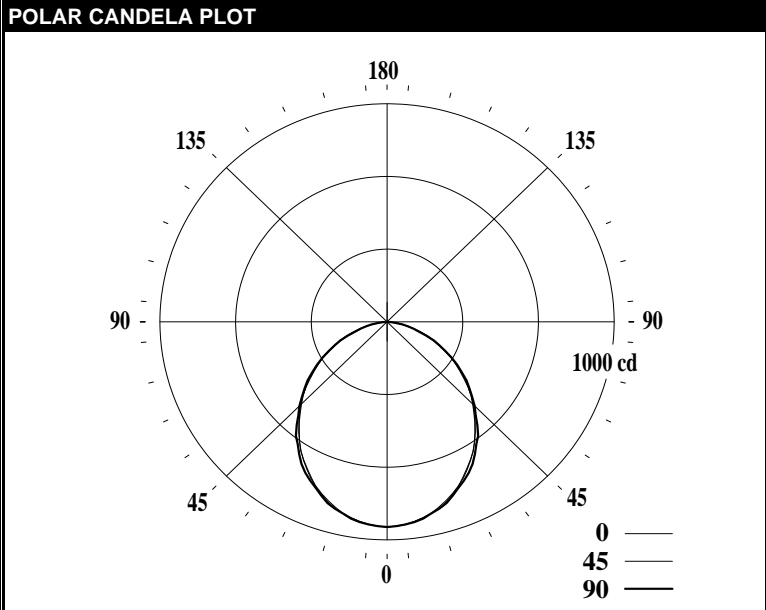


LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	CATALOG NO:	4222x1STL82725AxDE
Lamp Type:	LED	Description:	SILKSPACE DEFINITION 2X2 2500LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2333 lm 100.0%
Input Watts:	120 VAC 19.1	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 122.1
CIE-IES Classification:	Direct	Report:	LNG00430

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	941	941	941	941	941	
5	932	935	932	936	933	89
15	886	886	880	890	887	250
25	789	802	793	810	802	368
35	671	690	672	694	686	427
45	533	547	538	559	546	421
55	391	406	397	410	401	359
65	251	265	249	263	254	255
75	126	132	122	129	119	134
85	23	28	22	25	18	31
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	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	940.8	0.0	
Direct: Peak Candela & Angle (90deg)	940.8	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)	standard	standard	
x, y, CCT, Duv	0.4559	0.4075	2732 0.0008
CRI (Ra), R9	82		6
120V: P(W), I(A), THD(%), PF	19.1	0.160	8.3 0.994
277V: P(W), I(A), THD(%), PF	19.1	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	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	706	30.3%	30.3%
0-40	1134	48.6%	48.6%
0-60	1913	82.0%	82.0%
0-90	2333	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	2333	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	2789	2789	2789
5	2774	2775	2777
15	2720	2702	2724
25	2580	2594	2625
35	2430	2433	2482
45	2235	2256	2287
55	2020	2053	2071
65	1758	1747	1784
75	1439	1392	1366
85	782	752	612

LUMINAIRE SECTION			



LEDALITE

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