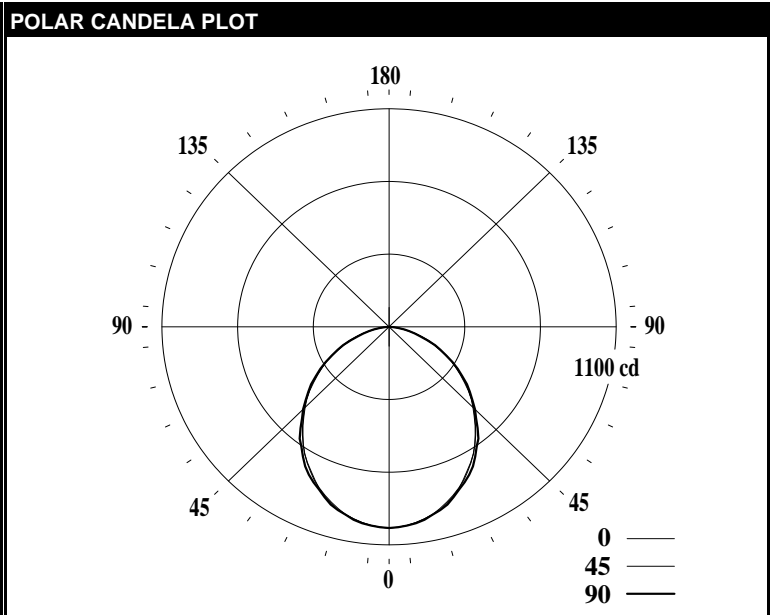


LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	CATALOG NO:	4222x1STL85025AxDE
Lamp Type:	LED	Description:	SILKSPACE DEFINITION 2X2 2500LM 850
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2516 lm 100.0%
Input Watts:	120 VAC 19.2	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 131.0
CIE-IES Classification:	Direct	Report:	LNG00454

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1015	1015	1015	1015	1015	
5	1005	1009	1006	1009	1007	96
15	956	955	950	960	957	269
25	851	866	855	874	866	397
35	724	744	725	749	740	461
45	575	590	580	603	588	454
55	422	438	429	443	432	387
65	270	285	269	284	274	275
75	136	142	131	139	129	144
85	25	30	24	27	20	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	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	1014.9	0.0	
Direct: Peak Candela & Angle (90deg)	1014.9	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	premium	
x, y, CCT, Duv	0.3425	0.3523	5101 0.0014
CRI (Ra), R9		82	13
120V: P(W), I(A), THD(%), PF	19.2	0.161	8.3 0.994
277V: P(W), I(A), THD(%), PF	19.2	0.073	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	762	30.3%	30.3%
0-40	1223	48.6%	48.6%
0-60	2064	82.0%	82.0%
0-90	2516	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	2516	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	3009	3009	3009
5	2992	2994	2996
15	2934	2915	2938
25	2783	2798	2832
35	2621	2625	2677
45	2411	2434	2467
55	2179	2215	2234
65	1896	1884	1925
75	1552	1502	1472
85	844	810	663

LUMINAIRE SECTION	



LEDALITE

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