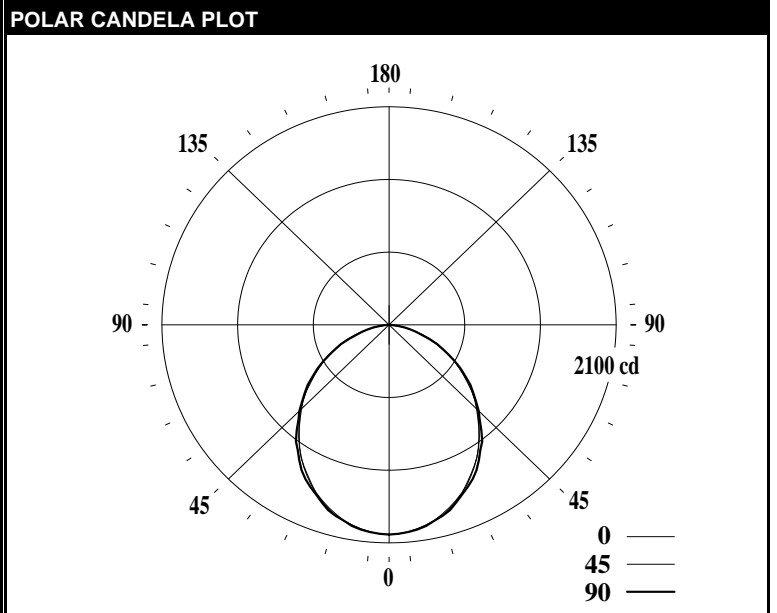


# LEDALITE - SILKSPACE DEFINITION

<b>TEST DATE:</b>	18 Oct 2019	<b>CATALOG NO:</b>	4222x1STL83550AxDE
<b>Lamp Type:</b>	LED	<b>Description:</b>	SILKSPACE DEFINITION 2X2 5000LM 835
<b>No. of Lamps:</b>	88		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	5009 lm 100.0%
<b>Input Watts:</b>	120 VAC 41.2	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 121.6
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG00447

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	2020	2020	2020	2020	2020	
5	2001	2008	2002	2009	2003	190
15	1903	1901	1890	1911	1905	536
25	1693	1723	1702	1739	1723	791
35	1442	1481	1444	1490	1472	917
45	1144	1174	1155	1201	1171	903
55	839	871	853	881	860	771
65	538	568	535	565	546	548
75	270	283	261	277	256	287
85	49	60	47	54	39	66
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			None
Direct: Peak Candela & Angle (0deg)	2020.1		0.0
Direct: Peak Candela & Angle (90deg)	2020.1		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)			21.0
Ballast Factor, Multiplication Factor	1.000		1.000
DLC (120/277), DLC (347)	standard		standard
x, y, CCT, Duv	0.4061	0.3934	3505 0.0010
CRI (Ra), R9			82 9
120V: P(W), I(A), THD(%), PF	41.2	0.345	7.3 0.996
277V: P(W), I(A), THD(%), PF	41.1	0.152	10.7 0.976
347V: P(W), I(A), THD(%), PF	41.2	0.122	7.3 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	1517	30.3%	30.3%
0-40	2434	48.6%	48.6%
0-60	4108	82.0%	82.0%
0-90	5009	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	5009	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	5990	5990	5990
5	5956	5959	5963
15	5840	5801	5848
25	5540	5569	5636
35	5218	5225	5329
45	4799	4845	4911
55	4337	4409	4448
65	3775	3751	3831
75	3089	2990	2932
85	1681	1613	1317

LUMINAIRE SECTION	



**LEDALITE**

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