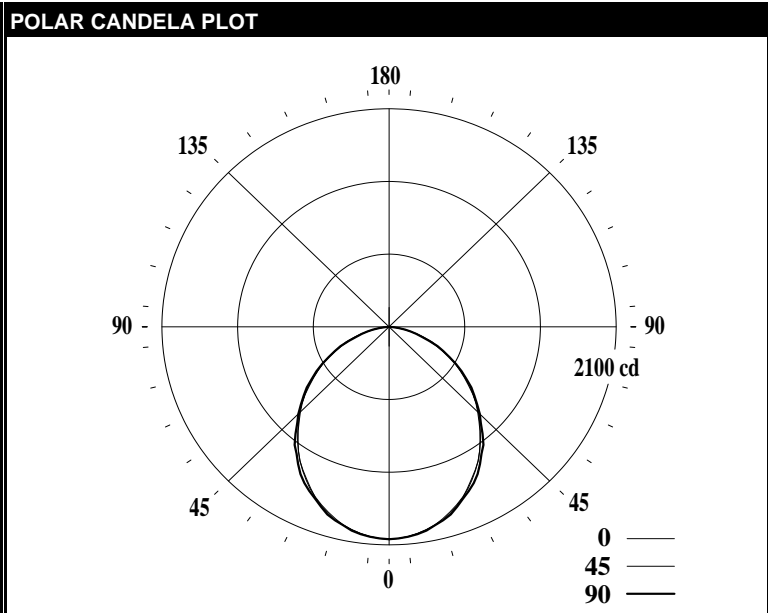


# LEDALITE - SILKSPACE DEFINITION

<b>TEST DATE:</b>	18 Oct 2019	<b>CATALOG NO:</b>	4222x1STL85050AxDE
<b>Lamp Type:</b>	LED	<b>Description:</b>	SILKSPACE DEFINITION 2X2 5000LM 850
<b>No. of Lamps:</b>	88		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	5073 lm 100.0%
<b>Input Watts:</b>	120 VAC 41.2	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 123.1
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG00459

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	2046	2046	2046	2046	2046	
5	2027	2033	2028	2034	2029	193
15	1927	1926	1914	1936	1930	543
25	1715	1745	1724	1761	1745	801
35	1460	1499	1462	1509	1491	929
45	1159	1189	1170	1216	1186	915
55	850	883	864	893	871	781
65	545	575	542	572	553	555
75	273	287	264	280	259	290
85	50	61	48	55	39	67
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)	2045.9	0.0	
Direct: Peak Candela & Angle (90deg)	2045.9	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)	standard	standard	
x, y, CCT, Duv	0.3425	0.3523	5101 0.0014
CRI (Ra), R9			82 13
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	1536	30.3%	30.3%
0-40	2465	48.6%	48.6%
0-60	4160	82.0%	82.0%
0-90	5073	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	5073	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	6066	6066	6066
5	6032	6035	6039
15	5915	5876	5923
25	5611	5640	5708
35	5285	5291	5397
45	4860	4907	4974
55	4392	4465	4505
65	3823	3800	3880
75	3129	3028	2968
85	1701	1633	1334

LUMINAIRE SECTION			



**LEDALITE**

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