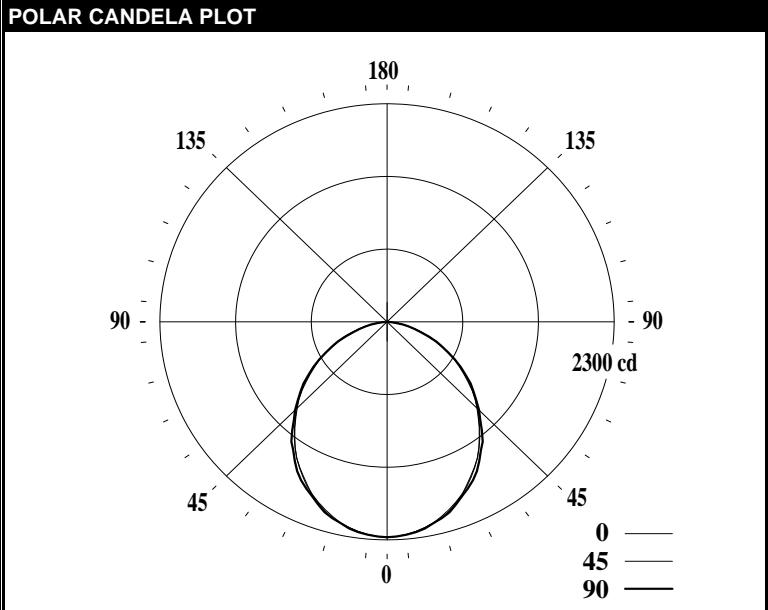


# LEDALITE - SILKSPACE DEFINITION

<b>TEST DATE:</b>	18 Oct 2019	<b>CATALOG NO:</b>	4224x1STL85055AxDE
<b>Lamp Type:</b>	LED	<b>Description:</b>	SILKSPACE DEFINITION 2X4 5500LM 850
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	5635 lm 100.0%
<b>Input Watts:</b>	120 VAC 41.3	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 136.4
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG00540

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	2273	2273	2273	2273	2273	
5	2251	2259	2252	2260	2254	214
15	2140	2139	2126	2150	2144	603
25	1905	1938	1915	1956	1938	889
35	1622	1666	1624	1676	1656	1032
45	1288	1321	1300	1351	1318	1016
55	944	980	960	991	968	867
65	605	639	602	635	614	617
75	303	319	294	311	288	323
85	56	67	53	61	44	74
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)	2272.7	0.0	
Direct: Peak Candela & Angle (90deg)	2272.7	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)	3.90	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	0.3408	0.3499	5165 0.0009
CRI (Ra), R9	82		13
120V: P(W), I(A), THD(%), PF	41.3	0.346	7.5 0.994
277V: P(W), I(A), THD(%), PF	41.2	0.157	9.9 0.946
347V: P(W), I(A), THD(%), PF	41.0	0.122	7.4 0.970

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
	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	1706	30.3%	30.3%
0-40	2738	48.6%	48.6%
0-60	4622	82.0%	82.0%
0-90	5635	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	5635	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	3283	3283	3283
5	3265	3266	3268
15	3201	3180	3205
25	3037	3052	3089
35	2860	2864	2921
45	2630	2655	2692
55	2377	2417	2438
65	2069	2056	2100
75	1693	1639	1606
85	920	883	723

LUMINAIRE SECTION	



**LEDALITE**

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