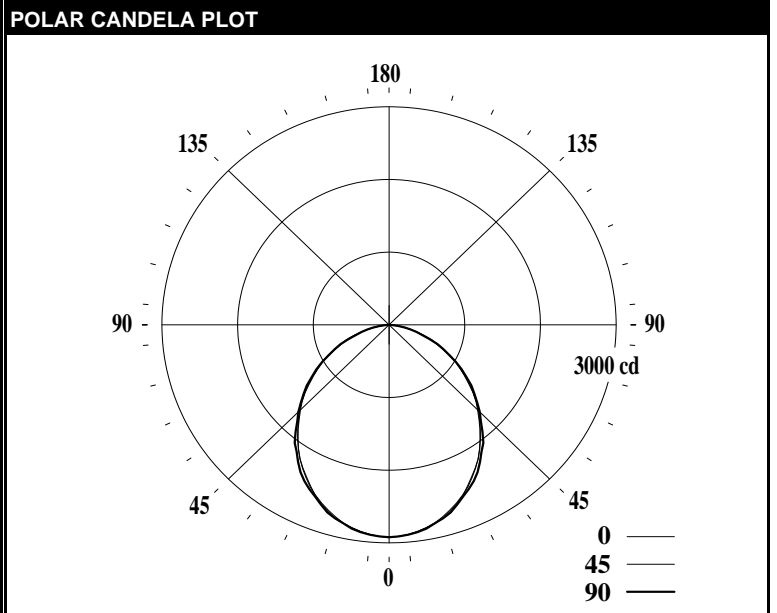


# LEDALITE - SILKSPACE DEFINITION

<b>TEST DATE:</b>	18 Oct 2019	<b>CATALOG NO:</b>	4224x1STL84070AxDE
<b>Lamp Type:</b>	LED	<b>Description:</b>	SILKSPACE DEFINITION 2X4 7000LM 840
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	7246 lm 100.0%
<b>Input Watts:</b>	120 VAC 54.2	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 133.7
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG00534

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	2923	2923	2923	2923	2923	
5	2895	2904	2896	2906	2898	275
15	2752	2751	2734	2765	2756	775
25	2450	2492	2463	2516	2492	1144
35	2086	2142	2088	2156	2130	1327
45	1656	1699	1672	1738	1695	1307
55	1214	1261	1234	1275	1245	1115
65	778	822	774	817	790	793
75	390	410	378	400	370	415
85	71	87	69	78	56	95
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	0



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	2922.5		0.0
Direct: Peak Candela & Angle (90deg)	2922.5		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	0.3794	0.3781	4040 0.0010
CRI (Ra), R9			82 10
120V: P(W), I(A), THD(%), PF	54.2	0.452	5.7 0.998
277V: P(W), I(A), THD(%), PF	53.9	0.202	8.1 0.964
347V: P(W), I(A), THD(%), PF	53.4	0.157	5.4 0.980

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	2194	30.3%	30.3%
0-40	3521	48.6%	48.6%
0-60	5943	82.0%	82.0%
0-90	7246	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	7246	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	4222	4222	4222
5	4198	4200	4203
15	4116	4089	4122
25	3905	3925	3972
35	3678	3682	3756
45	3382	3415	3462
55	3057	3107	3135
65	2661	2644	2701
75	2177	2107	2066
85	1183	1137	928

LUMINAIRE SECTION	



**LEDALITE**

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