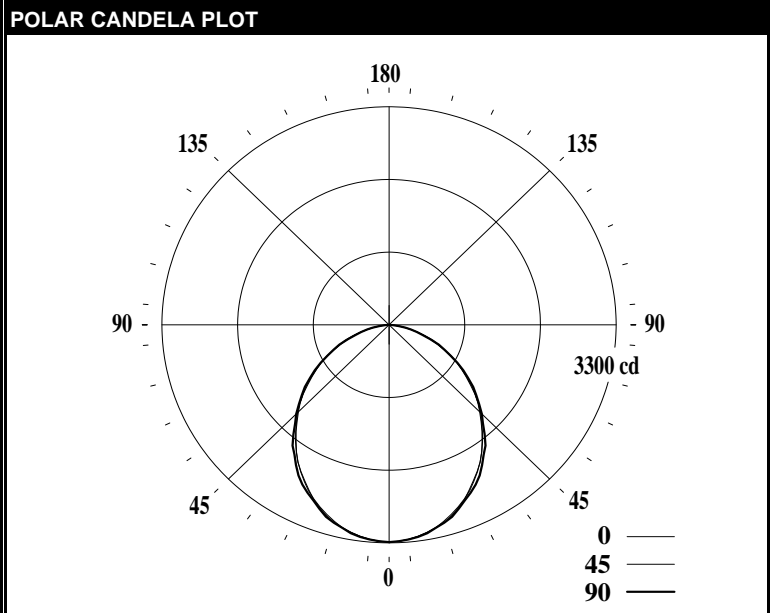


# LEDALITE - SILKSPACE DEFINITION

<b>TEST DATE:</b>	18 Oct 2019	<b>CATALOG NO:</b>	4224x1STL85080AxDE
<b>Lamp Type:</b>	LED	<b>Description:</b>	SILKSPACE DEFINITION 2X4 8000LM 850
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	8153 lm 100.0%
<b>Input Watts:</b>	120 VAC 63.0	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 129.4
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG00545

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	3288	3288	3288	3288	3288	
5	3258	3268	3259	3270	3261	310
15	3097	3095	3076	3111	3101	872
25	2757	2804	2771	2831	2804	1287
35	2347	2410	2350	2425	2396	1493
45	1863	1911	1881	1955	1907	1470
55	1366	1419	1388	1435	1401	1255
65	876	925	870	919	889	892
75	439	461	425	450	417	467
85	80	97	77	88	63	107
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)	3288.3		0.0
Direct: Peak Candela & Angle (90deg)	3288.3		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	63.0	0.527	8.1 0.996
277V: P(W), I(A), THD(%), PF	62.3	0.228	9.3 0.985
347V: P(W), I(A), THD(%), PF	62.4	0.184	9.1 0.977

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	2469	30.3%	30.3%
0-40	3962	48.6%	48.6%
0-60	6687	82.0%	82.0%
0-90	8153	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	8153	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	4750	4750	4750
5	4724	4725	4729
15	4631	4601	4638
25	4394	4416	4470
35	4138	4143	4226
45	3805	3842	3895
55	3439	3497	3527
65	2994	2975	3039
75	2450	2371	2325
85	1333	1278	1046

LUMINAIRE SECTION	



**LEDALITE**

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