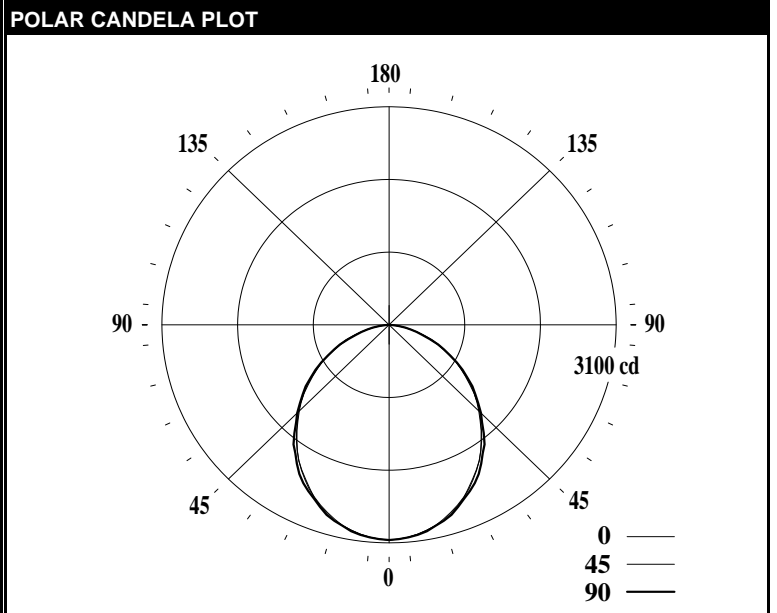


LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	CATALOG NO:	4224x1STL82780AxDE
Lamp Type:	LED	Description:	SILKSPACE DEFINITION 2X4 8000LM 827
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	7584 lm 100.0%
Input Watts:	120 VAC 62.5	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 121.3
CIE-IES Classification:	Direct	Report:	LNG00509

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	3059	3059	3059	3059	3059	
5	3030	3040	3031	3041	3033	288
15	2881	2879	2862	2894	2885	811
25	2564	2609	2578	2633	2609	1197
35	2183	2242	2186	2256	2229	1389
45	1733	1778	1749	1819	1774	1368
55	1270	1319	1291	1334	1303	1167
65	815	860	810	855	827	830
75	408	429	395	419	387	434
85	75	91	72	82	59	100
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)	3058.7		0.0
Direct: Peak Candela & Angle (90deg)	3058.7		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	0.4543	0.4065	2748 0.0010
CRI (Ra), R9			82 6
120V: P(W), I(A), THD(%), PF	62.5	0.522	8.2 0.996
277V: P(W), I(A), THD(%), PF	61.7	0.226	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	2296	30.3%	30.3%
0-40	3685	48.6%	48.6%
0-60	6220	82.0%	82.0%
0-90	7584	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	7584	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	4418	4418	4418
5	4394	4395	4398
15	4308	4279	4314
25	4087	4108	4157
35	3849	3854	3931
45	3540	3574	3623
55	3199	3252	3281
65	2785	2767	2826
75	2278	2205	2162
85	1238	1190	973

LUMINAIRE SECTION	



LEDALITE

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