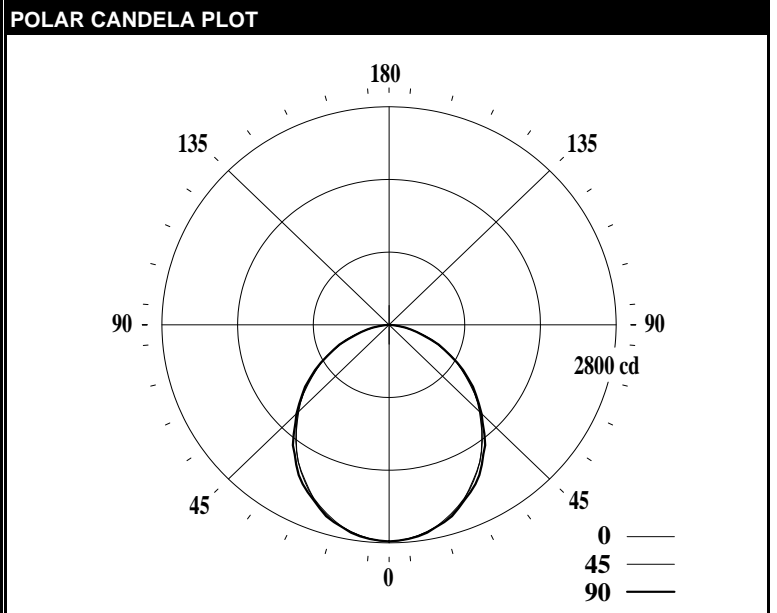


LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	CATALOG NO:	4224x1STL83070AxDE
Lamp Type:	LED	Description:	SILKSPACE DEFINITION 2X4 7000LM 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	6898 lm 100.0%
Input Watts:	120 VAC 54.2	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 127.3
CIE-IES Classification:	Direct	Report:	LNG00516

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	2782	2782	2782	2782	2782	
5	2756	2765	2757	2766	2759	262
15	2620	2618	2603	2632	2624	738
25	2332	2373	2344	2395	2373	1089
35	1985	2039	1988	2052	2028	1263
45	1576	1617	1591	1654	1613	1244
55	1155	1200	1175	1214	1185	1062
65	741	782	736	778	752	755
75	371	390	359	381	352	395
85	68	82	65	75	53	91
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)	2782.0	0.0	
Direct: Peak Candela & Angle (90deg)	2782.0	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	0.4288	0.4004	3112 0.0003
CRI (Ra), R9			83 11
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	2089	30.3%	30.3%
0-40	3352	48.6%	48.6%
0-60	5657	82.0%	82.0%
0-90	6898	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	6898	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	4019	4019	4019
5	3996	3998	4001
15	3918	3892	3924
25	3717	3737	3781
35	3501	3505	3575
45	3219	3251	3295
55	2910	2958	2984
65	2533	2517	2571
75	2072	2006	1967
85	1127	1082	885

LUMINAIRE SECTION	



LEDALITE

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