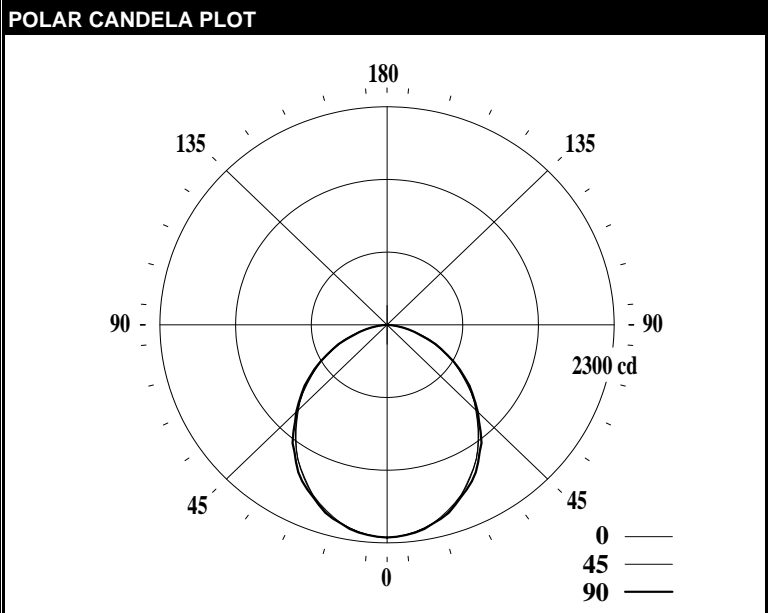


LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	CATALOG NO:	4224x1STL83555AxDE
Lamp Type:	LED	Description:	SILKSPACE DEFINITION 2X4 5500LM 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	5564 lm 100.0%
Input Watts:	120 VAC 41.3	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 134.7
CIE-IES Classification:	Direct	Report:	LNG00522

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	2244	2244	2244	2244	2244	
5	2223	2230	2224	2231	2225	211
15	2113	2112	2099	2123	2116	595
25	1881	1914	1891	1932	1914	878
35	1601	1645	1604	1655	1635	1019
45	1271	1304	1283	1334	1301	1003
55	932	968	947	979	956	856
65	598	631	594	627	607	609
75	300	315	290	307	284	319
85	55	66	53	60	43	73
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)	2244.0	0.0	
Direct: Peak Candela & Angle (90deg)	2244.0	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)			18.8
Ballast Factor, Multiplication Factor	1.000	1.000	
DLC (120/277), DLC (347)	premium	premium	
x, y, CCT, Duv	0.4061	0.3934	3505 0.0010
CRI (Ra), R9			82 9
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
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	1685	30.3%	30.3%
0-40	2704	48.6%	48.6%
0-60	4563	82.0%	82.0%
0-90	5564	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	5564	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	3241	3241	3241
5	3223	3225	3227
15	3160	3140	3165
25	2998	3014	3050
35	2824	2828	2884
45	2597	2622	2658
55	2347	2386	2407
65	2043	2030	2074
75	1672	1618	1586
85	908	872	713

LUMINAIRE SECTION	



LEDALITE

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