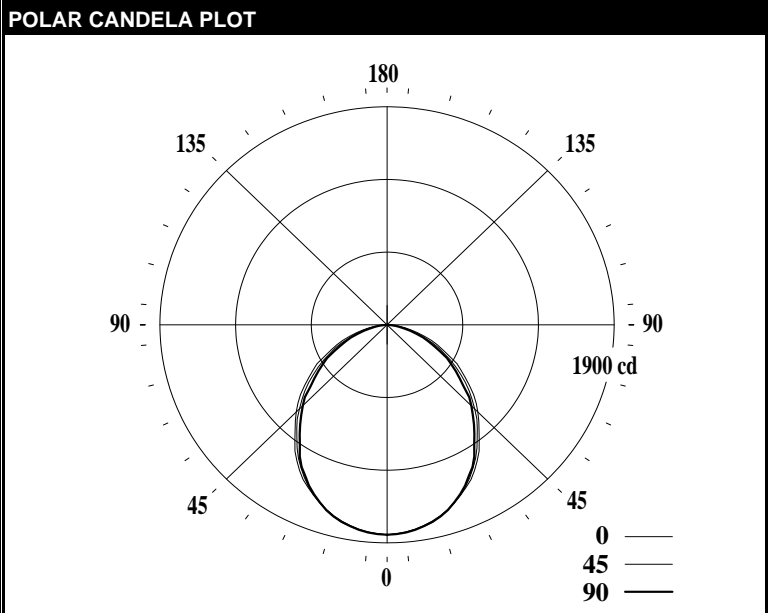


LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	CATALOG NO:	4214x1STL83045AxDE
Lamp Type:	LED	Description:	SILKSPACE DEFINITION 1X4 4500LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4496 lm 100.0%
Input Watts:	120 VAC 41.6	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 108.1
CIE-IES Classification:	Direct	Report:	LNG00476

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	1829	1829	1829	1829	1829	
5	1812	1819	1814	1818	1817	172
15	1723	1739	1726	1735	1729	488
25	1564	1584	1554	1565	1546	720
35	1343	1366	1312	1308	1272	827
45	1074	1094	1038	1022	997	808
55	798	808	752	737	701	682
65	516	529	480	475	432	483
75	263	265	227	226	200	253
85	64	66	47	49	36	63
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)	1828.6		0.0
Direct: Peak Candela & Angle (90deg)	1828.6		0.0
Spacing Criteria (0deg, 90deg, 180deg)	1.19	1.17	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	0.91	0.00
UGR (4H x 8H, 0.25H)			N/A
Ballast Factor, Multiplication Factor	1.000		1.000
DLC (120/277), DLC (347)	standard		standard
x, y, CCT, Duv	0.4288	0.4004	3112 0.0003
CRI (Ra), R9			83 11
120V: P(W), I(A), THD(%), PF	41.6	0.349	7.5 0.994
277V: P(W), I(A), THD(%), PF	41.5	0.158	9.8 0.947
347V: P(W), I(A), THD(%), PF	41.3	0.123	7.4 0.971

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	86	80	97	90	84	87	82	77	72		
3	91	81	73	67	89	80	72	77	71	65	61		
4	84	72	64	57	82	71	63	69	62	56	53		
5	77	65	56	50	75	64	56	62	55	49	46		
6	72	59	50	44	70	58	50	56	49	43	40		
7	67	53	45	39	65	53	44	51	44	38	36		
8	62	49	41	35	61	48	40	47	40	34	32		
9	58	45	37	31	57	44	37	43	36	31	29		
10	54	42	34	29	53	41	34	40	33	28	26		

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1380	30.7%	30.7%
0-40	2206	49.1%	49.1%
0-60	3697	82.2%	82.2%
0-90	4496	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	4496	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	5544	5544	5544
5	5513	5520	5529
15	5407	5418	5426
25	5230	5197	5171
35	4972	4856	4708
45	4606	4448	4276
55	4217	3977	3707
65	3701	3441	3098
75	3080	2658	2342
85	2230	1618	1238

LUMINAIRE SECTION



LEDALITE

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