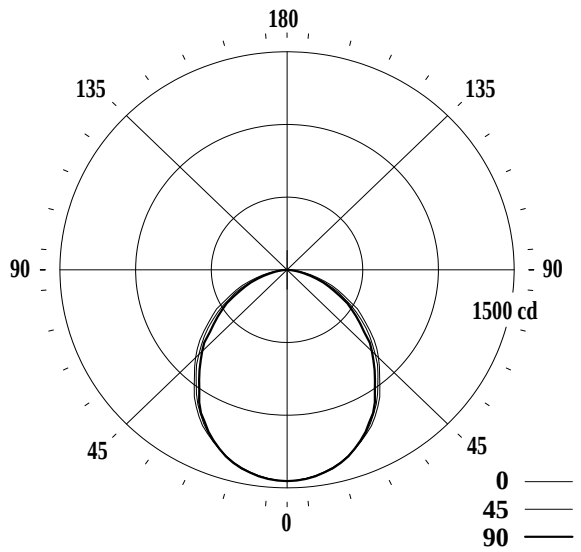
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4214x1STL83535AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 1X4 3500LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3574 lm 100.0%
Input Watts:	120 VAC 31.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 114.9
CIE-IES Classification:	Direct	**Report:**	LNG00480

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1454	1454	1454	1454	1454	
5	1440	1446	1442	1445	1444	137
15	1370	1383	1372	1379	1374	388
25	1243	1259	1235	1244	1229	572
35	1068	1086	1043	1040	1011	657
45	854	870	825	812	793	642
55	634	642	598	586	558	543
65	410	420	381	377	343	384
75	209	210	180	179	159	201
85	51	53	37	39	28	50
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	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			1453.7	0.0
Direct: Peak Candela & Angle (90deg)			1453.7	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)				20.3
Ballast Factor, Multiplication Factor			1.000	1.000
DLC (120/277), DLC (347)			standard	standard
x, y, CCT ,Duv	0.4061	0.3934	3505	0.0010
CRI (Ra), R9			82	9
120V: P(W), I(A), THD(%), PF	31.1	0.260	8.1	0.994
277V: P(W), I(A), THD(%), PF	31.0	0.118	8.9	0.951
347V: P(W), I(A), THD(%), PF	31.7	0.095	7.5	0.962

COEFFICIENTS OF UTILIZATION (%)

Pc---	80				70			50			0
Pw---	70	50	30	10	70	50	30	50	30	10	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	1097	30.7%	30.7%
0-40	1754	49.1%	49.1%
0-60	2939	82.2%	82.2%
0-90	3574	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	3574	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4407	4407	4407
5	4383	4389	4395
15	4299	4307	4314
25	4158	4132	4111
35	3953	3860	3743
45	3662	3536	3400
55	3352	3161	2947
65	2942	2735	2462
75	2448	2113	1863
85	1774	1287	984

LUMINAIRE SECTION

LEDALITE

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