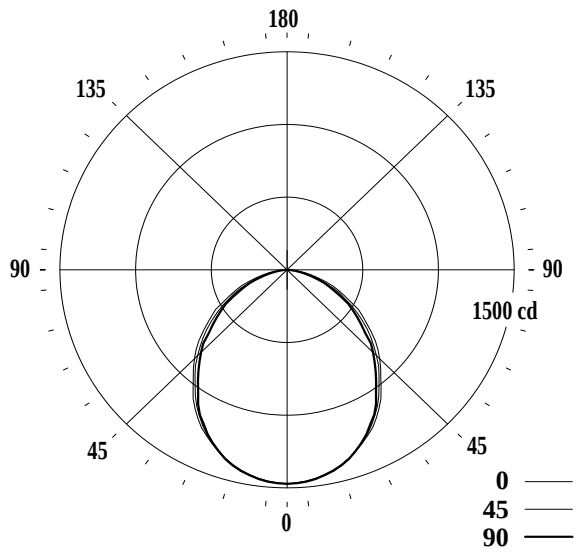
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4214x1STL85035AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 1X4 3500LM 850
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3620 lm 100.0%
Input Watts:	120 VAC 31.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 116.4
CIE-IES Classification:	Direct	**Report:**	LNG00492

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1472	1472	1472	1472	1472	
5	1459	1465	1461	1464	1463	139
15	1387	1400	1390	1397	1392	393
25	1259	1275	1251	1260	1245	579
35	1082	1100	1056	1053	1024	666
45	865	881	835	823	803	650
55	642	650	606	593	565	549
65	415	426	386	382	348	389
75	212	213	183	182	161	204
85	52	53	38	39	29	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)			1472.3	0.0
Direct: Peak Candela & Angle (90deg)			1472.3	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	0.3425	0.3523	5101	0.0014
CRI (Ra), R9			82	13
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	1111	30.7%	30.7%
0-40	1777	49.1%	49.1%
0-60	2976	82.2%	82.2%
0-90	3620	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	3620	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4464	4464	4464
5	4439	4445	4452
15	4354	4362	4369
25	4211	4185	4163
35	4003	3910	3791
45	3709	3582	3443
55	3395	3202	2985
65	2980	2771	2494
75	2480	2140	1886
85	1795	1304	998

LUMINAIRE SECTION

LEDALITE

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