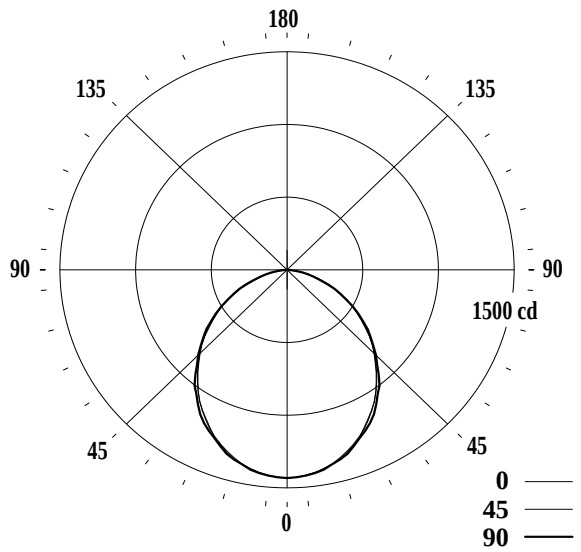
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4222x1STL85035AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X2 3500LM 850
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3552 lm 100.0%
Input Watts:	120 VAC 28.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 126.4
CIE-IES Classification:	Direct	**Report:**	LNG00456

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1433	1433	1433	1433	1433	
5	1419	1424	1420	1425	1421	135
15	1349	1349	1341	1356	1351	380
25	1201	1222	1207	1233	1222	561
35	1022	1050	1024	1057	1044	651
45	812	833	820	852	831	641
55	595	618	605	625	610	547
65	382	403	379	401	387	389
75	191	201	185	196	182	203
85	35	42	34	38	28	47
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)			1432.8	0.0
Direct: Peak Candela & Angle (90deg)			1432.8	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)		1.90	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	standard
x, y, CCT ,Duv	0.3425	0.3523	5101	0.0014
CRI (Ra), R9			82	13
120V: P(W), I(A), THD(%), PF	28.1	0.236	9.1	0.993
277V: P(W), I(A), THD(%), PF	28.0	0.108	9.3	0.941
347V: P(W), I(A), THD(%), PF	28.7	0.087	8.2	0.955

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	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	1076	30.3%	30.3%
0-40	1726	48.6%	48.6%
0-60	2914	82.0%	82.0%
0-90	3552	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	3552	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4248	4248	4248
5	4225	4226	4229
15	4142	4115	4148
25	3929	3950	3997
35	3701	3706	3780
45	3404	3436	3484
55	3076	3127	3155
65	2677	2661	2718
75	2190	2120	2079
85	1191	1143	936

LUMINAIRE SECTION

LEDALITE

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