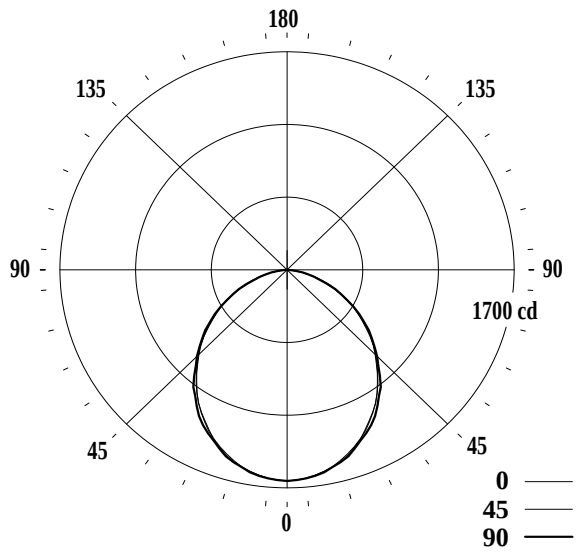
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4222x1STL85040AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X2 4000LM 850
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4080 lm 100.0%
Input Watts:	120 VAC 32.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 125.5
CIE-IES Classification:	Direct	**Report:**	LNG00457

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1646	1646	1646	1646	1646	
5	1630	1635	1631	1636	1632	155
15	1550	1549	1539	1557	1552	437
25	1379	1403	1387	1416	1403	644
35	1174	1206	1176	1214	1199	747
45	932	957	941	978	954	736
55	683	710	695	718	701	628
65	438	463	436	460	445	446
75	220	231	213	225	208	234
85	40	49	39	44	32	54
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)			1645.5	0.0
Direct: Peak Candela & Angle (90deg)			1645.5	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)			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	32.5	0.273	7.6	0.995
277V: P(W), I(A), THD(%), PF	32.5	0.123	8.8	0.956
347V: P(W), I(A), THD(%), PF	33.2	0.099	7.3	0.965

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	1235	30.3%	30.3%
0-40	1983	48.6%	48.6%
0-60	3346	82.0%	82.0%
0-90	4080	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	4080	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4879	4879	4879
5	4852	4854	4857
15	4757	4725	4764
25	4513	4536	4591
35	4250	4256	4341
45	3909	3946	4001
55	3533	3592	3623
65	3075	3056	3121
75	2516	2436	2387
85	1368	1313	1075

LUMINAIRE SECTION

LEDALITE

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