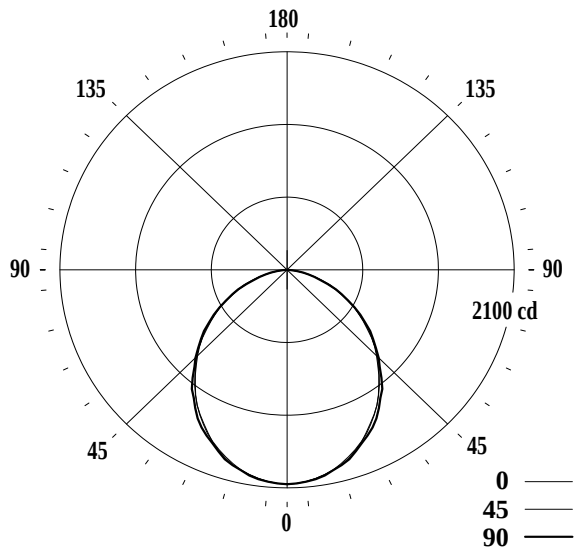
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4222x1STL84050AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X2 5000LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5120 lm 100.0%
Input Watts:	120 VAC 41.2	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 124.3
CIE-IES Classification:	Direct	**Report:**	LNG00453

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2065	2065	2065	2065	2065	
5	2046	2052	2046	2053	2048	194
15	1945	1944	1932	1954	1948	548
25	1731	1761	1740	1778	1761	808
35	1474	1513	1476	1523	1505	938
45	1170	1200	1181	1228	1197	923
55	858	891	872	901	880	788
65	550	581	547	577	558	560
75	276	290	267	283	262	293
85	51	61	48	55	40	67
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)			2064.9	0.0
Direct: Peak Candela & Angle (90deg)			2064.9	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	0.3794	0.3781	4040	0.0010
CRI (Ra), R9			82	10
120V: P(W), I(A), THD(%), PF	41.2	0.345	7.3	0.996
277V: P(W), I(A), THD(%), PF	41.1	0.152	10.7	0.976
347V: P(W), I(A), THD(%), PF	41.2	0.122	7.3	0.971

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	1550	30.3%	30.3%
0-40	2488	48.6%	48.6%
0-60	4199	82.0%	82.0%
0-90	5120	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	5120	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	6122	6122	6122
5	6088	6091	6095
15	5969	5930	5978
25	5663	5693	5761
35	5333	5341	5447
45	4905	4952	5020
55	4433	4507	4546
65	3859	3835	3916
75	3157	3056	2996
85	1718	1647	1347

LUMINAIRE SECTION

LEDALITE

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