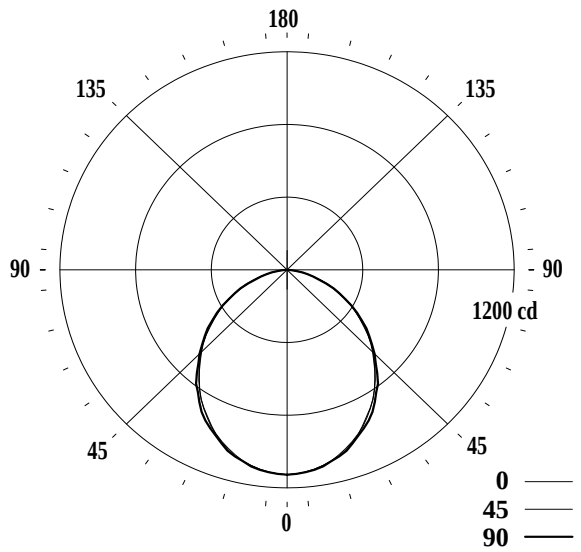
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4222x1STL82730AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X2 3000LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2795 lm 100.0%
Input Watts:	120 VAC 23.8	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 117.4
CIE-IES Classification:	Direct	**Report:**	LNG00431

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1127	1127	1127	1127	1127	
5	1117	1120	1117	1121	1118	106
15	1062	1061	1055	1067	1063	299
25	945	962	950	971	962	441
35	805	826	806	832	822	512
45	639	655	645	670	654	504
55	468	486	476	492	480	430
65	300	317	298	315	305	306
75	151	158	146	154	143	160
85	28	33	27	30	22	37
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)			1127.4	0.0
Direct: Peak Candela & Angle (90deg)			1127.4	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	0.4559	0.4075	2732	0.0008
CRI (Ra), R9			82	6
120V: P(W), I(A), THD(%), PF	23.8	0.200	10.8	0.991
277V: P(W), I(A), THD(%), PF	23.7	0.092	10.6	0.927
347V: P(W), I(A), THD(%), PF	24.1	0.074	9.4	0.941

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	846	30.3%	30.3%
0-40	1358	48.6%	48.6%
0-60	2293	82.0%	82.0%
0-90	2795	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	2795	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3343	3343	3343
5	3324	3325	3328
15	3259	3238	3264
25	3092	3108	3146
35	2912	2916	2974
45	2678	2704	2741
55	2420	2461	2482
65	2107	2094	2138
75	1724	1668	1636
85	936	902	735

LUMINAIRE SECTION

LEDALITE

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