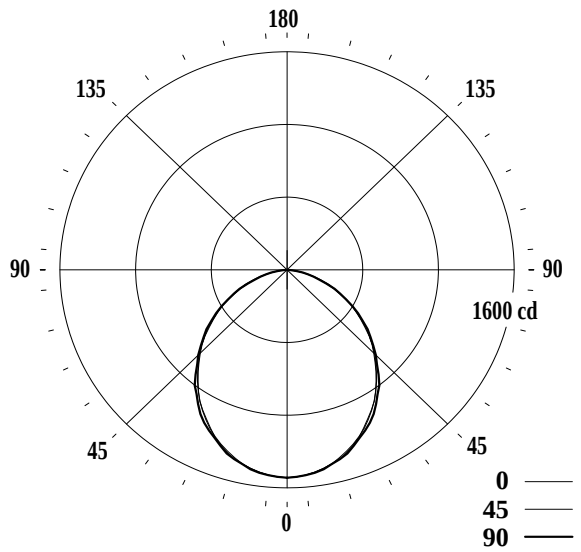
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4222x1STL82740AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X2 4000LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3782 lm 100.0%
Input Watts:	120 VAC 32.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 116.4
CIE-IES Classification:	Direct	**Report:**	LNG00433

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1525	1525	1525	1525	1525	
5	1511	1516	1512	1517	1513	144
15	1437	1436	1427	1443	1439	405
25	1279	1301	1285	1313	1301	597
35	1089	1118	1090	1125	1112	693
45	864	887	873	907	885	682
55	634	658	644	665	650	582
65	406	429	404	427	412	414
75	204	214	197	209	193	217
85	37	45	36	41	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)			1525.4	0.0
Direct: Peak Candela & Angle (90deg)			1525.4	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	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	1145	30.3%	30.3%
0-40	1838	48.6%	48.6%
0-60	3102	82.0%	82.0%
0-90	3782	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	3782	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4523	4523	4523
5	4498	4500	4503
15	4410	4381	4416
25	4184	4205	4256
35	3940	3945	4024
45	3623	3659	3709
55	3275	3330	3359
65	2851	2833	2893
75	2332	2258	2213
85	1269	1218	997

LUMINAIRE SECTION

LEDALITE

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