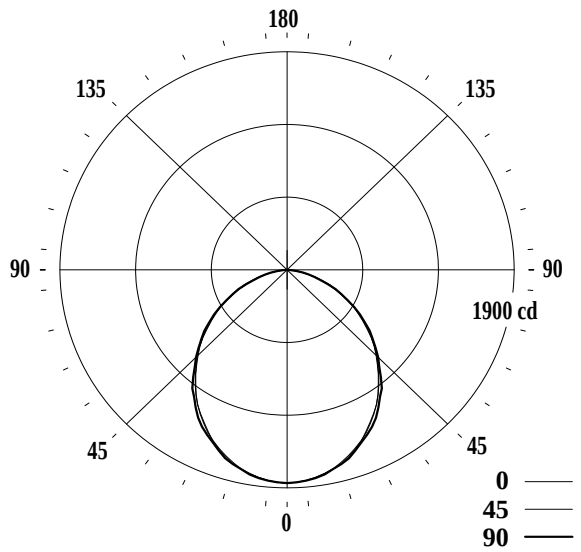
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4222x1STL82750AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 2X2 5000LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4609 lm 100.0%
Input Watts:	120 VAC 41.2	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 111.9
CIE-IES Classification:	Direct	**Report:**	LNG00435

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1859	1859	1859	1859	1859	
5	1842	1847	1842	1848	1843	175
15	1751	1750	1739	1759	1753	493
25	1558	1585	1566	1600	1585	727
35	1326	1362	1328	1371	1355	844
45	1053	1081	1063	1105	1078	831
55	772	802	785	811	792	709
65	495	523	492	520	503	504
75	248	261	240	255	235	264
85	45	55	44	50	36	61
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)			1858.8	0.0
Direct: Peak Candela & Angle (90deg)			1858.8	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)			standard	standard
x, y, CCT ,Duv	0.4542	0.4060	2745	0.0012
CRI (Ra), R9			82	6
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	1395	30.3%	30.3%
0-40	2240	48.6%	48.6%
0-60	3780	82.0%	82.0%
0-90	4609	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	4609	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5511	5511	5511
5	5481	5483	5487
15	5374	5338	5381
25	5098	5125	5186
35	4801	4808	4903
45	4415	4458	4519
55	3991	4057	4093
65	3474	3452	3525
75	2842	2751	2697
85	1544	1483	1211

LUMINAIRE SECTION

LEDALITE

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