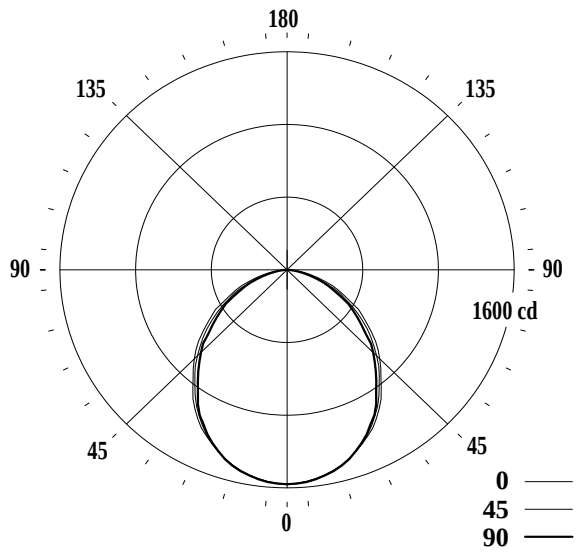
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4214x1STL82740AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 1X4 4000LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3868 lm 100.0%
Input Watts:	120 VAC 36.4	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 106.3
CIE-IES Classification:	Direct	**Report:**	LNG00469

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1573	1573	1573	1573	1573	
5	1559	1565	1561	1564	1563	148
15	1482	1496	1485	1493	1487	420
25	1345	1363	1337	1346	1330	619
35	1156	1175	1129	1126	1095	711
45	924	941	893	879	858	695
55	686	695	647	634	603	587
65	444	455	413	408	372	416
75	226	228	195	194	172	218
85	55	57	40	42	31	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)			1573.2	0.0
Direct: Peak Candela & Angle (90deg)			1573.2	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.19	1.17	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)		3.90	0.91	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	0.4073	2755	0.0007
CRI (Ra), R9			82	6
120V: P(W), I(A), THD(%), PF	36.4	0.304	6.6	0.997
277V: P(W), I(A), THD(%), PF	36.3	0.136	8.6	0.966
347V: P(W), I(A), THD(%), PF	37.1	0.110	6.6	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	86	80	97	90	84	87	82	77	72
3	91	81	73	67	89	80	72	77	71	65	61
4	84	72	64	57	82	71	63	69	62	56	53
5	77	65	56	50	75	64	56	62	55	49	46
6	72	59	50	44	70	58	50	56	49	43	40
7	67	53	45	39	65	53	44	51	44	38	36
8	62	49	41	35	61	48	40	47	40	34	32
9	58	45	37	31	57	44	37	43	36	31	29
10	54	42	34	29	53	41	34	40	33	28	26

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1187	30.7%	30.7%
0-40	1898	49.1%	49.1%
0-60	3180	82.2%	82.2%
0-90	3868	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	3868	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4770	4770	4770
5	4743	4750	4757
15	4652	4661	4669
25	4500	4471	4449
35	4278	4178	4051
45	3963	3827	3679
55	3628	3421	3189
65	3184	2961	2665
75	2650	2287	2015
85	1920	1391	1068

LUMINAIRE SECTION

LEDALITE

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