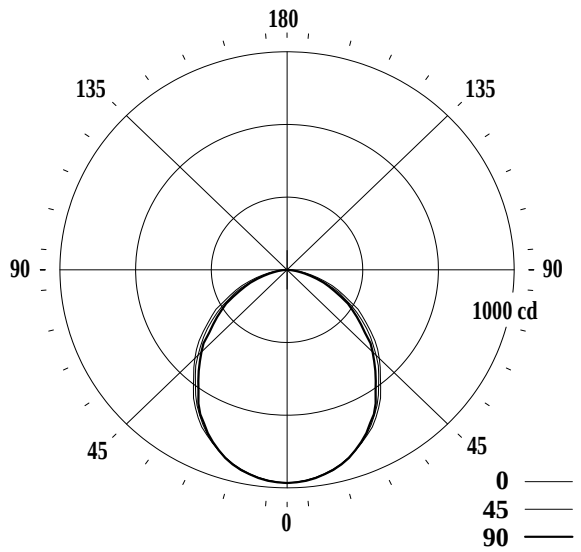
LEDALITE - SILKSPACE DEFINITION

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**4214x1STL82725AxDE**
Lamp Type:	LED	**Description:**	SILKSPACE DEFINITION 1X4 2500LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2403 lm 100.0%
Input Watts:	277 VAC 22.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 106.8
CIE-IES Classification:	Direct	**Report:**	LNG00466

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	978	978	978	978	978	
5	968	973	970	972	971	92
15	921	930	923	928	924	261
25	836	847	831	837	826	385
35	718	730	701	699	680	442
45	574	585	555	546	533	432
55	427	432	402	394	375	365
65	276	283	256	254	231	258
75	141	142	121	121	107	135
85	34	36	25	26	19	33
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	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			977.5	0.0
Direct: Peak Candela & Angle (90deg)			977.5	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	22.0	0.185	12.0	0.989
277V: P(W), I(A), THD(%), PF	22.5	0.086	12.4	0.938
347V: P(W), I(A), THD(%), PF	22.3	0.069	10.0	0.933

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	738	30.7%	30.7%
0-40	1180	49.1%	49.1%
0-60	1976	82.2%	82.2%
0-90	2403	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	2403	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2964	2964	2964
5	2947	2951	2956
15	2891	2896	2901
25	2796	2778	2764
35	2658	2596	2517
45	2462	2378	2286
55	2254	2125	1982
65	1979	1839	1656
75	1646	1421	1252
85	1193	866	661

LUMINAIRE SECTION

LEDALITE

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