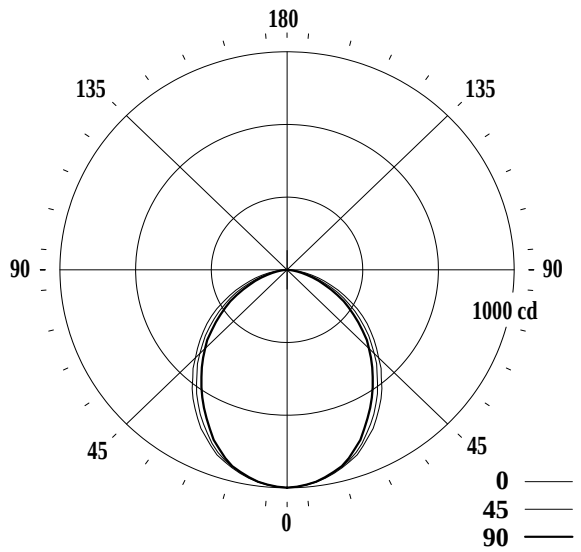
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3314x1STL82725AxDE**
Lamp Type:	LED	**Description:**	SHINE 1X4 2500LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2363 lm 100.0%
Input Watts:	277 VAC 22.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 105.0
CIE-IES Classification:	Direct	**Report:**	LNG00343

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	999	999	999	999	999	
5	991	992	989	991	989	94
15	939	945	934	937	932	264
25	846	855	829	823	805	384
35	722	732	694	681	658	437
45	571	580	543	520	510	423
55	431	430	391	383	358	357
65	279	279	248	233	213	249
75	144	144	114	99	91	127
85	33	33	19	20	15	29
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)			999.1	0.0
Direct: Peak Candela & Angle (90deg)			999.1	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.18	1.11	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	110	105	101	97	107	103	99	99	96	93	85
2	100	92	86	81	98	91	85	87	82	78	72
3	92	82	74	68	89	80	73	77	71	66	62
4	84	73	64	58	82	72	64	69	62	57	53
5	78	65	57	50	76	64	56	62	55	50	46
6	72	59	50	44	70	58	50	56	49	44	41
7	67	54	45	39	65	53	45	51	44	39	36
8	62	49	41	35	61	49	41	47	40	35	33
9	58	45	37	32	57	45	37	44	37	32	30
10	55	42	34	29	54	41	34	40	34	29	27

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	742	31.4%	31.4%
0-40	1179	49.9%	49.9%
0-60	1958	82.9%	82.9%
0-90	2363	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	2363	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3029	3029	3029
5	3015	3010	3010
15	2948	2932	2926
25	2830	2772	2692
35	2671	2569	2434
45	2447	2329	2187
55	2277	2068	1890
65	2003	1777	1527
75	1683	1340	1060
85	1141	661	536

LUMINAIRE SECTION

LEDALITE

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