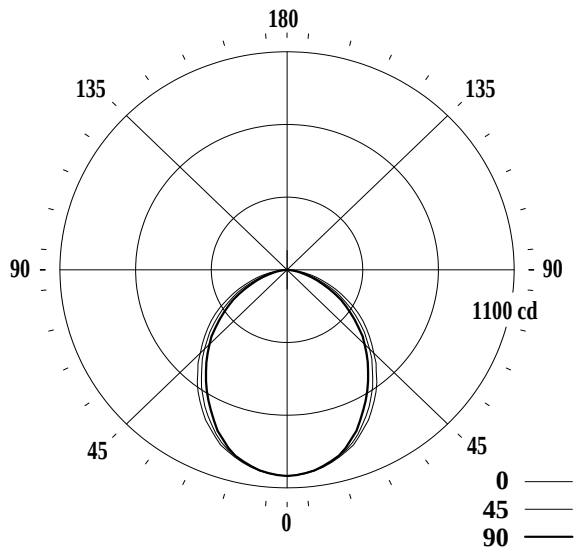
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3314x1STL93525AxDE**
Lamp Type:	LED	**Description:**	SHINE 1X4 2500LM 935
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2461 lm 100.0%
Input Watts:	120 VAC 27.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 91.1
CIE-IES Classification:	Direct	**Report:**	LNG00373

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1040	1040	1040	1040	1040	
5	1031	1033	1030	1032	1030	98
15	978	984	973	976	971	275
25	881	890	863	857	838	400
35	751	762	723	709	685	455
45	594	604	565	542	531	441
55	449	448	408	398	372	372
65	291	290	258	242	222	259
75	150	150	119	103	94	132
85	34	34	20	21	16	31
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)			1040.2	0.0
Direct: Peak Candela & Angle (90deg)			1040.2	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)			N/A	N/A
x, y, CCT ,Duv	0.4064	0.3901	3471	0.0005
CRI (Ra), R9			92	77
120V: P(W), I(A), THD(%), PF	27.0	0.227	9.5	0.993
277V: P(W), I(A), THD(%), PF	27.0	0.104	9.6	0.938
347V: P(W), I(A), THD(%), PF	27.5	0.083	8.4	0.951

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	772	31.4%	31.4%
0-40	1227	49.9%	49.9%
0-60	2039	82.9%	82.9%
0-90	2461	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	2461	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3154	3154	3154
5	3138	3134	3134
15	3069	3053	3046
25	2947	2886	2803
35	2781	2674	2534
45	2548	2424	2276
55	2371	2154	1968
65	2085	1850	1590
75	1752	1396	1103
85	1186	689	560

LUMINAIRE SECTION

LEDALITE

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