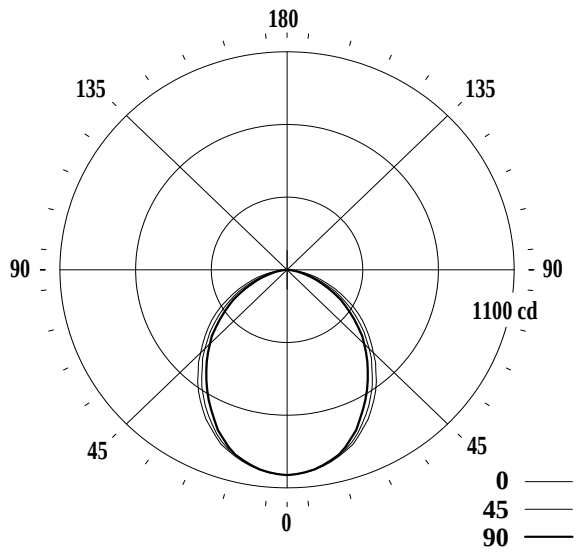
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3314x1STL83025AxDE**
Lamp Type:	LED	**Description:**	SHINE 1X4 2500LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2449 lm 100.0%
Input Watts:	277 VAC 22.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 108.8
CIE-IES Classification:	Direct	**Report:**	LNG00349

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1035	1035	1035	1035	1035	
5	1027	1028	1025	1027	1025	97
15	973	979	968	971	966	274
25	877	886	859	853	834	398
35	748	759	719	705	681	453
45	591	601	563	539	529	439
55	447	446	406	397	371	370
65	289	289	257	241	221	258
75	149	149	119	102	94	131
85	34	34	20	21	16	30
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)			1035.4	0.0
Direct: Peak Candela & Angle (90deg)			1035.4	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	0.4288	0.4004	3112	0.0003
CRI (Ra), R9			83	11
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	769	31.4%	31.4%
0-40	1221	49.9%	49.9%
0-60	2030	82.9%	82.9%
0-90	2449	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	2449	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3139	3139	3139
5	3124	3119	3119
15	3055	3039	3032
25	2933	2873	2790
35	2768	2662	2522
45	2536	2413	2266
55	2360	2144	1958
65	2076	1842	1583
75	1744	1389	1099
85	1183	685	557

LUMINAIRE SECTION

LEDALITE

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