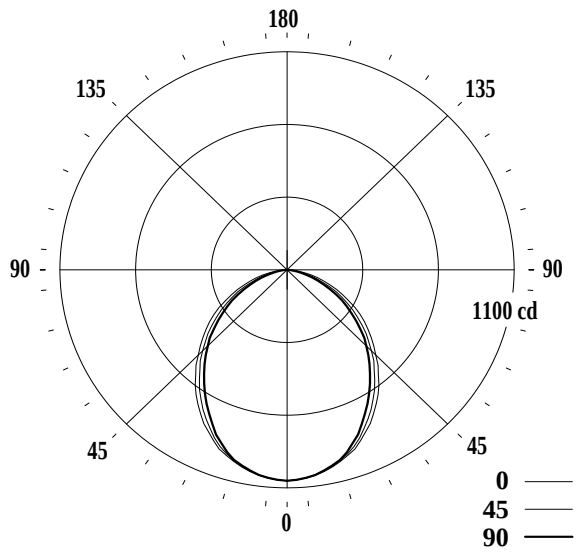
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3314x1STL83525AxDE**
Lamp Type:	LED	**Description:**	SHINE 1X4 2500LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2517 lm 100.0%
Input Watts:	277 VAC 22.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 111.9
CIE-IES Classification:	Direct	**Report:**	LNG00355

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1064	1064	1064	1064	1064	
5	1055	1057	1053	1055	1053	100
15	1000	1006	995	998	993	281
25	901	910	883	876	857	409
35	769	780	739	725	700	465
45	608	618	578	554	543	451
55	459	458	417	408	381	380
65	297	297	264	248	227	265
75	153	154	122	105	96	135
85	35	35	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)			1064.1	0.0
Direct: Peak Candela & Angle (90deg)			1064.1	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)				19.1
Ballast Factor, Multiplication Factor			1.000	1.000
DLC (120/277), DLC (347)			standard	standard
x, y, CCT ,Duv	0.4061	0.3934	3505	0.0010
CRI (Ra), R9			82	9
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	790	31.4%	31.4%
0-40	1255	49.9%	49.9%
0-60	2086	82.9%	82.9%
0-90	2517	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	2517	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3226	3226	3226
5	3211	3206	3206
15	3140	3123	3116
25	3014	2952	2867
35	2845	2736	2592
45	2606	2480	2329
55	2426	2203	2013
65	2134	1892	1626
75	1792	1428	1129
85	1214	703	570

LUMINAIRE SECTION

LEDALITE

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