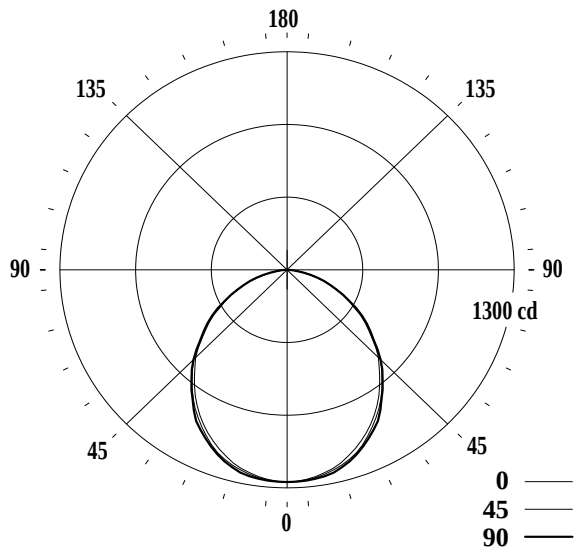
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3322x1STL82735AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X2 3500LM 827
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3238 lm 100.0%
Input Watts:	120 VAC 28.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 115.2
CIE-IES Classification:	Direct	**Report:**	LNG00309

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1266	1266	1266	1266	1266	
5	1255	1259	1258	1263	1261	120
15	1192	1203	1206	1226	1218	341
25	1072	1101	1093	1120	1107	507
35	916	951	937	955	943	590
45	741	765	756	773	757	584
55	544	560	551	568	556	498
65	354	363	356	371	355	358
75	172	184	177	188	180	193
85	36	43	37	41	34	48
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				None
Direct: Peak Candela & Angle (0deg)			1265.5	0.0
Direct: Peak Candela & Angle (90deg)			1265.5	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.18	1.22	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)		1.90	1.91	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	0.4559	0.4075	2732	0.0008
CRI (Ra), R9			82	6
120V: P(W), I(A), THD(%), PF	28.1	0.236	9.1	0.993
277V: P(W), I(A), THD(%), PF	28.0	0.108	9.3	0.941
347V: P(W), I(A), THD(%), PF	28.7	0.087	8.2	0.955

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	102	99	98	95	92	85
2	100	92	85	80	97	90	84	86	81	77	71
3	91	81	73	67	89	79	72	76	70	65	61
4	84	72	63	57	81	71	63	68	61	56	52
5	77	64	56	49	75	63	55	61	54	48	45
6	71	58	49	43	69	57	49	55	48	43	40
7	66	53	44	38	64	52	44	51	43	38	35
8	62	48	40	34	60	48	40	46	39	34	32
9	58	44	36	31	56	44	36	43	36	31	29
10	54	41	33	28	53	41	33	40	33	28	26

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	968	29.9%	29.9%
0-40	1558	48.1%	48.1%
0-60	2640	81.5%	81.5%
0-90	3238	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	3238	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3752	3752	3752
5	3734	3745	3754
15	3658	3702	3738
25	3508	3575	3621
35	3317	3393	3412
45	3105	3171	3174
55	2810	2847	2875
65	2481	2496	2488
75	1973	2027	2061
85	1221	1245	1150

LUMINAIRE SECTION

LEDALITE

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