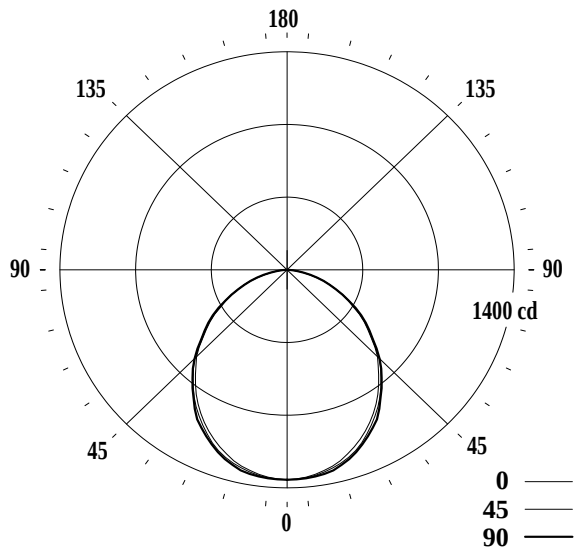
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3322x1STL83535AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X2 3500LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3449 lm 100.0%
Input Watts:	120 VAC 28.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 122.7
CIE-IES Classification:	Direct	**Report:**	LNG00321

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1348	1348	1348	1348	1348	
5	1336	1340	1340	1345	1343	127
15	1269	1281	1285	1306	1297	363
25	1142	1173	1164	1192	1179	540
35	976	1013	998	1017	1004	628
45	789	815	805	823	806	623
55	579	597	587	605	592	530
65	377	386	379	395	378	381
75	183	196	188	200	192	206
85	38	46	39	43	36	51
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)			1347.8	0.0
Direct: Peak Candela & Angle (90deg)			1347.8	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)				19.8
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	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	1031	29.9%	29.9%
0-40	1659	48.1%	48.1%
0-60	2812	81.5%	81.5%
0-90	3449	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	3449	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3996	3996	3996
5	3977	3989	3998
15	3896	3943	3981
25	3736	3807	3857
35	3533	3613	3634
45	3307	3377	3380
55	2993	3032	3062
65	2642	2658	2649
75	2101	2158	2195
85	1300	1327	1225

LUMINAIRE SECTION

LEDALITE

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