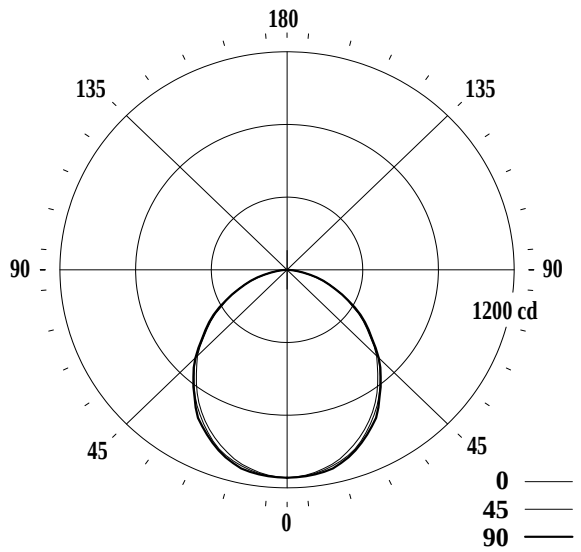
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3322x1STL83530AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X2 3000LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2927 lm 100.0%
Input Watts:	120 VAC 23.8	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 123.0
CIE-IES Classification:	Direct	**Report:**	LNG00320

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1144	1144	1144	1144	1144	
5	1134	1138	1138	1142	1140	108
15	1077	1087	1090	1108	1101	308
25	969	995	988	1012	1001	458
35	828	860	847	864	852	533
45	670	692	684	699	684	528
55	491	507	498	514	503	450
65	320	328	322	335	321	323
75	156	166	160	170	163	175
85	32	39	33	37	31	43
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)			1144.0	0.0
Direct: Peak Candela & Angle (90deg)			1144.0	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)				19.3
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	23.8	0.200	10.8	0.991
277V: P(W), I(A), THD(%), PF	23.7	0.092	10.6	0.927
347V: P(W), I(A), THD(%), PF	24.1	0.074	9.4	0.941

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	875	29.9%	29.9%
0-40	1408	48.1%	48.1%
0-60	2387	81.5%	81.5%
0-90	2928	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	2927	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3392	3392	3392
5	3376	3386	3394
15	3307	3347	3379
25	3171	3232	3273
35	2998	3067	3085
45	2807	2866	2869
55	2540	2574	2599
65	2243	2256	2249
75	1784	1833	1863
85	1102	1126	1041

LUMINAIRE SECTION

LEDALITE

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