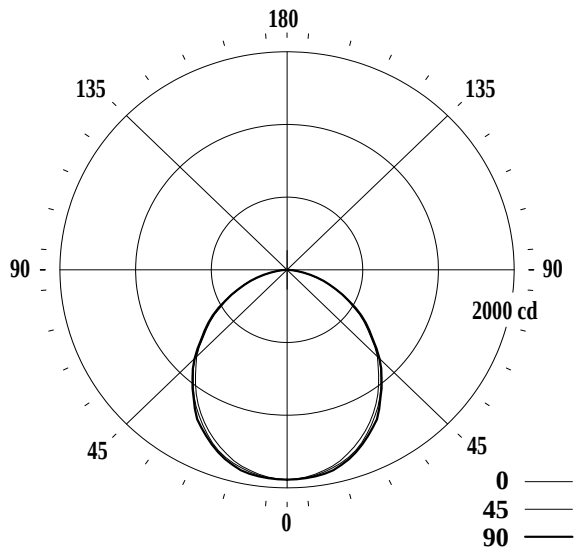
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3322x1STL83550AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X2 5000LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4925 lm 100.0%
Input Watts:	120 VAC 41.2	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 119.5
CIE-IES Classification:	Direct	**Report:**	LNG00324

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1925	1925	1925	1925	1925	
5	1908	1914	1914	1921	1918	182
15	1812	1829	1834	1865	1852	519
25	1631	1675	1662	1703	1683	771
35	1394	1447	1426	1453	1434	897
45	1126	1164	1150	1176	1151	889
55	827	852	838	864	846	757
65	538	552	541	564	539	544
75	262	280	269	285	274	294
85	55	66	56	62	51	73
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)			1924.6	0.0
Direct: Peak Candela & Angle (90deg)			1924.6	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)				21.1
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	41.2	0.345	7.3	0.996
277V: P(W), I(A), THD(%), PF	41.1	0.152	10.7	0.976
347V: P(W), I(A), THD(%), PF	41.2	0.122	7.3	0.971

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	1472	29.9%	29.9%
0-40	2369	48.1%	48.1%
0-60	4015	81.5%	81.5%
0-90	4925	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	4925	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5706	5706	5706
5	5679	5696	5709
15	5563	5631	5685
25	5336	5437	5507
35	5044	5160	5190
45	4722	4822	4827
55	4273	4330	4373
65	3772	3795	3783
75	3000	3083	3133
85	1857	1891	1749

LUMINAIRE SECTION

LEDALITE

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