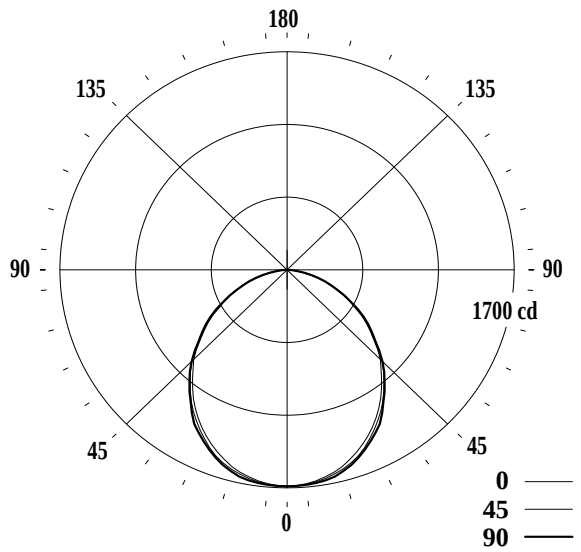
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3322x1STL83045AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X2 4500LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4320 lm 100.0%
Input Watts:	120 VAC 37.6	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 114.9
CIE-IES Classification:	Direct	**Report:**	LNG00317

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1688	1688	1688	1688	1688	
5	1674	1679	1679	1685	1683	160
15	1590	1604	1609	1636	1624	455
25	1430	1469	1458	1493	1476	676
35	1222	1269	1250	1274	1258	787
45	988	1021	1009	1031	1010	780
55	725	748	735	758	742	664
65	472	484	475	494	473	477
75	230	245	236	250	240	258
85	48	58	49	54	45	64
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)			1688.1	0.0
Direct: Peak Candela & Angle (90deg)			1688.1	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	0.4288	0.4004	3112	0.0003
CRI (Ra), R9			83	11
120V: P(W), I(A), THD(%), PF	37.6	0.314	6.0	0.997
277V: P(W), I(A), THD(%), PF	37.1	0.139	8.6	0.967
347V: P(W), I(A), THD(%), PF	37.9	0.112	6.5	0.972

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	1291	29.9%	29.9%
0-40	2078	48.1%	48.1%
0-60	3522	81.5%	81.5%
0-90	4320	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	4320	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5005	5005	5005
5	4981	4996	5008
15	4880	4939	4986
25	4680	4769	4830
35	4425	4526	4552
45	4142	4230	4233
55	3748	3798	3835
65	3309	3329	3318
75	2631	2704	2748
85	1630	1660	1534

LUMINAIRE SECTION

LEDALITE

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