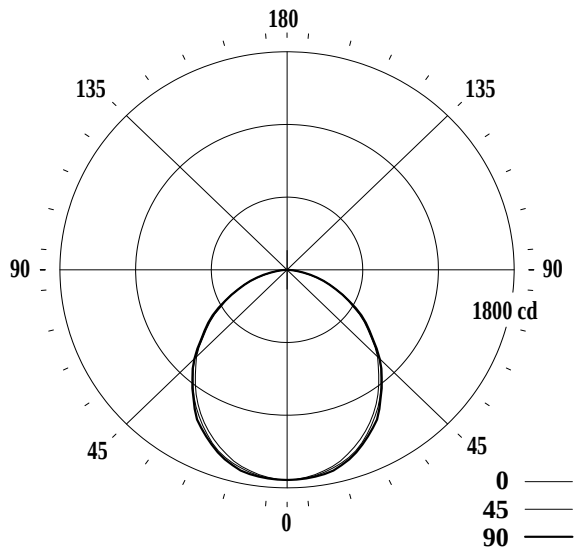
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3322x1STL83545AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X2 4500LM 835
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4439 lm 100.0%
Input Watts:	120 VAC 37.6	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 118.1
CIE-IES Classification:	Direct	**Report:**	LNG00323

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1735	1735	1735	1735	1735	
5	1720	1725	1725	1731	1729	164
15	1634	1649	1653	1681	1669	468
25	1470	1510	1498	1535	1517	695
35	1256	1304	1285	1309	1292	809
45	1015	1049	1037	1060	1038	801
55	745	768	755	779	763	682
65	485	497	488	508	486	490
75	236	252	243	257	247	265
85	49	60	50	56	46	66
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)			1734.8	0.0
Direct: Peak Candela & Angle (90deg)			1734.8	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)				20.7
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	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	1327	29.9%	29.9%
0-40	2136	48.1%	48.1%
0-60	3619	81.5%	81.5%
0-90	4439	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	4439	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5144	5144	5144
5	5119	5134	5146
15	5015	5075	5124
25	4809	4901	4964
35	4547	4651	4678
45	4257	4347	4351
55	3852	3903	3942
65	3401	3421	3410
75	2704	2778	2825
85	1674	1708	1575

LUMINAIRE SECTION

LEDALITE

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