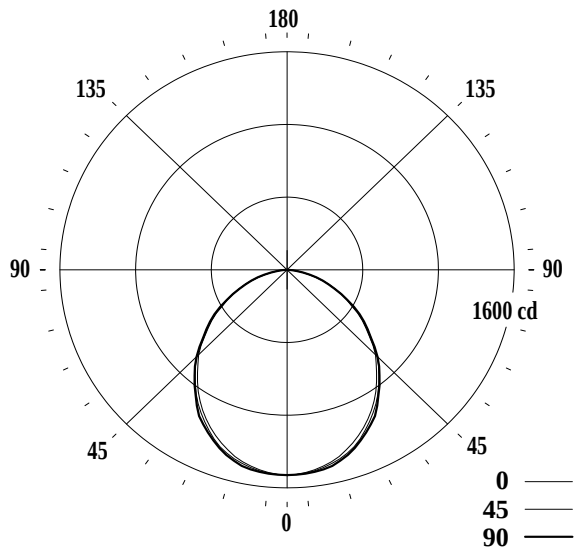
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3322x1STL83040AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X2 4000LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3854 lm 100.0%
Input Watts:	120 VAC 32.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 118.6
CIE-IES Classification:	Direct	**Report:**	LNG00316

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1506	1506	1506	1506	1506	
5	1493	1498	1498	1503	1501	142
15	1418	1432	1436	1459	1449	406
25	1276	1311	1301	1333	1317	604
35	1091	1132	1116	1137	1122	702
45	881	911	900	920	901	696
55	647	667	656	676	662	592
65	421	432	423	441	422	426
75	205	219	211	223	214	230
85	43	52	44	49	40	57
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)			1506.2	0.0
Direct: Peak Candela & Angle (90deg)			1506.2	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	32.5	0.273	7.6	0.995
277V: P(W), I(A), THD(%), PF	32.5	0.123	8.8	0.956
347V: P(W), I(A), THD(%), PF	33.2	0.099	7.3	0.965

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	1152	29.9%	29.9%
0-40	1854	48.1%	48.1%
0-60	3142	81.5%	81.5%
0-90	3854	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	3854	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4466	4466	4466
5	4444	4458	4468
15	4354	4407	4449
25	4175	4255	4310
35	3948	4038	4062
45	3696	3774	3778
55	3344	3388	3422
65	2952	2970	2961
75	2347	2413	2453
85	1453	1480	1368

LUMINAIRE SECTION

LEDALITE

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