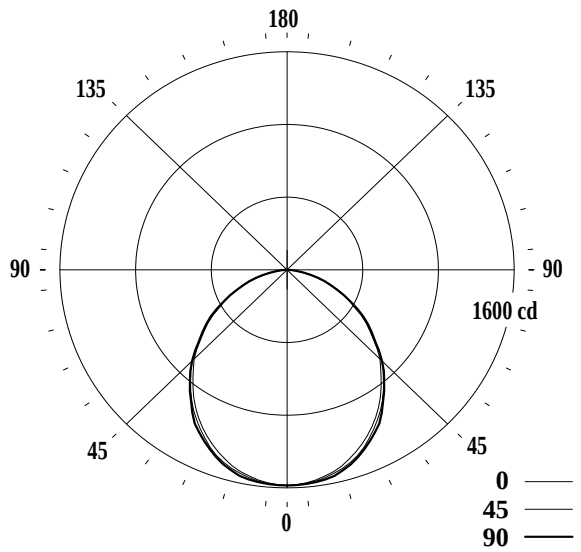
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3322x1STL84040AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X2 4000LM 840
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4049 lm 100.0%
Input Watts:	120 VAC 32.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 124.6
CIE-IES Classification:	Direct	**Report:**	LNG00328

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1582	1582	1582	1582	1582	
5	1569	1574	1573	1579	1577	150
15	1490	1504	1508	1533	1523	427
25	1341	1377	1366	1400	1384	634
35	1146	1189	1172	1194	1179	738
45	926	957	946	967	946	731
55	680	701	689	711	695	622
65	442	453	445	463	443	447
75	215	230	221	235	225	241
85	45	54	46	51	42	60
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)			1582.3	0.0
Direct: Peak Candela & Angle (90deg)			1582.3	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)			premium	standard
x, y, CCT ,Duv	0.3794	0.3781	4040	0.0010
CRI (Ra), R9			82	10
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	1210	29.9%	29.9%
0-40	1948	48.1%	48.1%
0-60	3301	81.5%	81.5%
0-90	4049	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	4049	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4692	4692	4692
5	4669	4683	4694
15	4574	4629	4673
25	4386	4470	4527
35	4147	4242	4267
45	3882	3965	3968
55	3513	3560	3595
65	3102	3120	3110
75	2466	2534	2576
85	1527	1555	1439

LUMINAIRE SECTION

LEDALITE

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