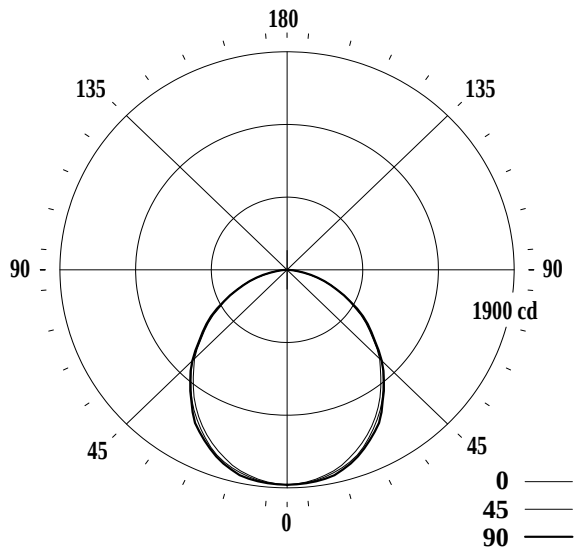
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3322x1STL83050AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X2 5000LM 830
No. of Lamps:	88		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4792 lm 100.0%
Input Watts:	120 VAC 41.2	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 116.3
CIE-IES Classification:	Direct	**Report:**	LNG00318

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1873	1873	1873	1873	1873	
5	1857	1862	1862	1869	1867	177
15	1764	1780	1785	1815	1802	505
25	1587	1630	1617	1657	1638	750
35	1356	1408	1387	1414	1395	873
45	1096	1133	1119	1144	1120	865
55	804	829	815	841	823	736
65	523	537	526	549	525	529
75	255	272	262	278	266	286
85	53	64	54	60	50	71
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)			1872.7	0.0
Direct: Peak Candela & Angle (90deg)			1872.7	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	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	1432	29.9%	29.9%
0-40	2305	48.1%	48.1%
0-60	3907	81.5%	81.5%
0-90	4792	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	4792	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5553	5553	5553
5	5526	5543	5555
15	5414	5479	5532
25	5192	5290	5359
35	4909	5021	5050
45	4595	4692	4697
55	4158	4214	4255
65	3671	3693	3681
75	2919	2999	3050
85	1806	1840	1701

LUMINAIRE SECTION

LEDALITE

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