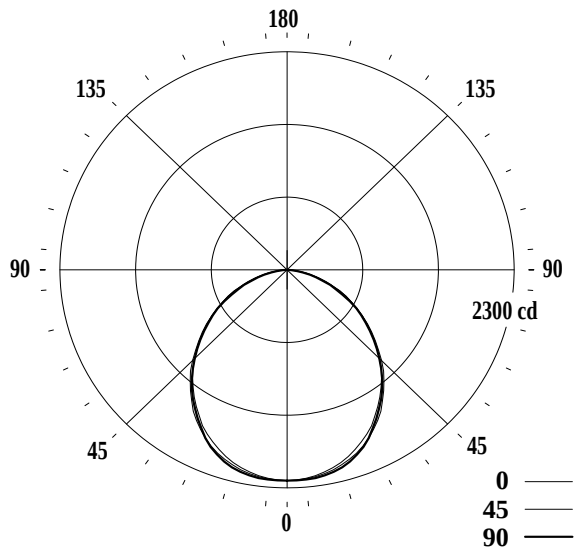
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3324x1STL83060AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X4 6000LM 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5807 lm 100.0%
Input Watts:	120 VAC 45.4	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 127.9
CIE-IES Classification:	Direct	**Report:**	LNG00391

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2224	2224	2224	2224	2224	
5	2207	2212	2213	2220	2220	211
15	2105	2123	2130	2164	2157	603
25	1912	1951	1959	1979	1958	900
35	1638	1709	1685	1700	1663	1054
45	1323	1375	1354	1365	1322	1045
55	983	1036	996	1025	972	899
65	661	693	658	657	619	653
75	339	358	320	332	306	354
85	80	86	62	72	48	88
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)			2223.8	0.0
Direct: Peak Candela & Angle (90deg)			2223.8	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.19	1.21	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)		3.90	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	premium
x, y, CCT ,Duv	0.4288	0.4004	3112	0.0003
CRI (Ra), R9			83	11
120V: P(W), I(A), THD(%), PF	45.4	0.380	6.9	0.996
277V: P(W), I(A), THD(%), PF	45.2	0.171	9.3	0.953
347V: P(W), I(A), THD(%), PF	44.9	0.132	6.7	0.976

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	100	97	106	102	99	98	95	92	85
2	100	92	85	79	97	90	84	86	81	77	71
3	91	81	73	66	89	79	72	76	70	65	60
4	83	72	63	57	81	70	62	68	61	55	52
5	77	64	55	49	75	63	55	61	54	48	45
6	71	58	49	43	69	57	49	55	48	42	39
7	66	53	44	38	64	52	44	50	43	38	35
8	61	48	40	34	60	47	39	46	39	34	31
9	57	44	36	31	56	44	36	42	35	30	28
10	54	41	33	28	53	40	33	39	32	28	26

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	1713	29.5%	29.5%
0-40	2767	47.7%	47.7%
0-60	4711	81.1%	81.1%
0-90	5807	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	5807	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3212	3212	3212
5	3200	3209	3219
15	3148	3185	3226
25	3048	3122	3120
35	2889	2970	2932
45	2702	2767	2701
55	2476	2507	2447
65	2258	2248	2116
75	1890	1785	1705
85	1321	1034	799

LUMINAIRE SECTION

LEDALITE

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