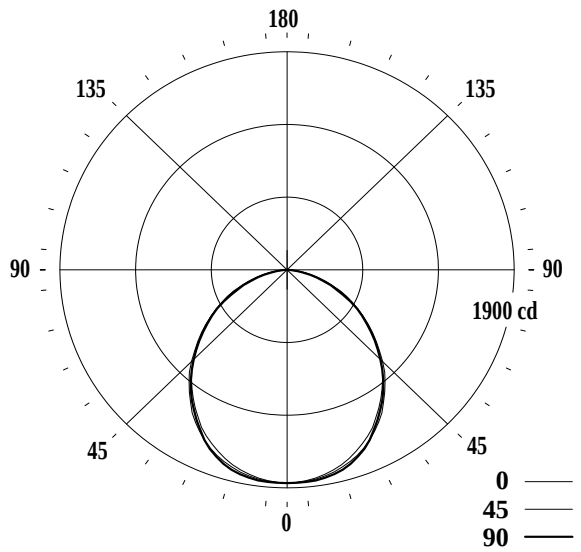
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3324x1STL83050AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X4 5000LM 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4851 lm 100.0%
Input Watts:	120 VAC 37.2	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 130.4
CIE-IES Classification:	Direct	**Report:**	LNG00389

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1858	1858	1858	1858	1858	
5	1844	1848	1849	1855	1855	176
15	1759	1773	1779	1808	1802	503
25	1598	1630	1636	1653	1636	752
35	1369	1427	1407	1420	1389	881
45	1105	1149	1132	1140	1105	873
55	821	865	832	857	812	751
65	552	579	550	549	517	545
75	283	299	267	277	255	296
85	67	72	52	61	40	74
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)			1857.9	0.0
Direct: Peak Candela & Angle (90deg)			1857.9	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	37.2	0.311	6.3	0.997
277V: P(W), I(A), THD(%), PF	37.2	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	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	1431	29.5%	29.5%
0-40	2312	47.7%	47.7%
0-60	3936	81.1%	81.1%
0-90	4851	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	4851	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2684	2684	2684
5	2674	2681	2690
15	2630	2661	2695
25	2546	2608	2607
35	2414	2482	2450
45	2258	2312	2257
55	2069	2095	2044
65	1886	1878	1767
75	1579	1491	1425
85	1104	863	668

LUMINAIRE SECTION

LEDALITE

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