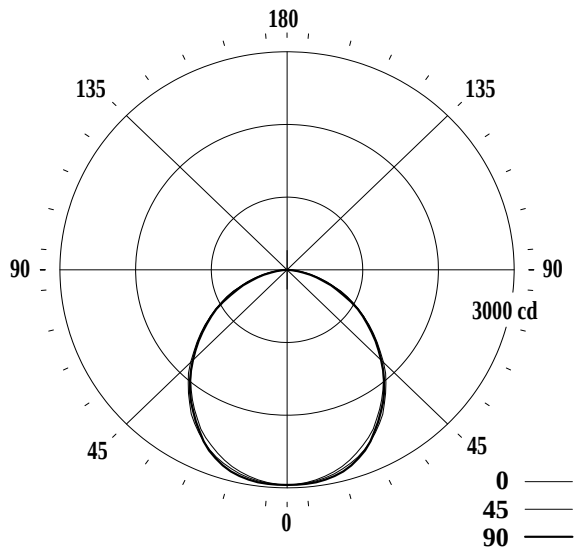
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3324x1STL83080AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X4 8000LM 830
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	7728 lm 100.0%
Input Watts:	120 VAC 62.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 123.6
CIE-IES Classification:	Direct	**Report:**	LNG00395

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2960	2960	2960	2960	2960	
5	2938	2944	2946	2954	2955	280
15	2802	2825	2834	2880	2871	802
25	2545	2596	2607	2633	2606	1198
35	2181	2274	2242	2262	2213	1403
45	1761	1830	1803	1817	1760	1391
55	1309	1378	1325	1365	1293	1197
65	879	923	875	874	824	869
75	451	477	426	442	407	472
85	106	114	83	96	64	117
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)			2959.8	0.0
Direct: Peak Candela & Angle (90deg)			2959.8	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	62.5	0.522	8.2	0.996
277V: P(W), I(A), THD(%), PF	61.7	0.226	9.3	0.985
347V: P(W), I(A), THD(%), PF	62.4	0.184	9.1	0.977

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	2280	29.5%	29.5%
0-40	3683	47.7%	47.7%
0-60	6271	81.1%	81.1%
0-90	7728	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	7728	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	4275	4275	4275
5	4260	4272	4285
15	4190	4238	4294
25	4056	4155	4153
35	3845	3954	3903
45	3597	3682	3595
55	3296	3337	3257
65	3005	2992	2816
75	2516	2376	2269
85	1758	1377	1064

LUMINAIRE SECTION

LEDALITE

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