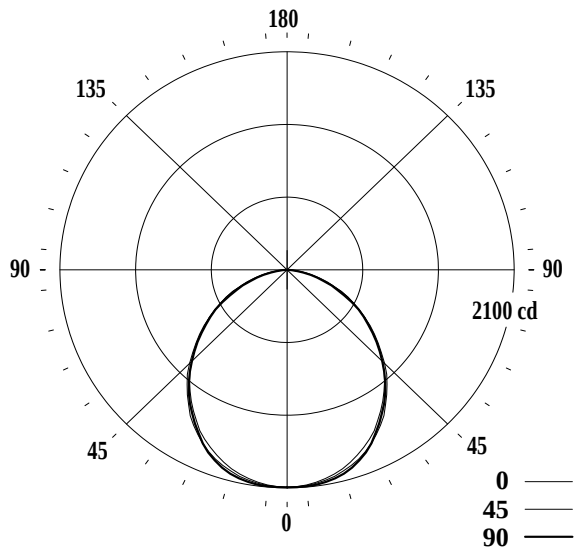
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3324x1STL83555AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X4 5500LM 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5471 lm 100.0%
Input Watts:	120 VAC 41.3	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 132.5
CIE-IES Classification:	Direct	**Report:**	LNG00399

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2095	2095	2095	2095	2095	
5	2079	2084	2085	2091	2092	198
15	1984	2000	2006	2039	2032	568
25	1802	1838	1845	1864	1844	848
35	1544	1610	1587	1601	1567	993
45	1246	1296	1276	1286	1246	984
55	926	976	938	966	915	847
65	622	653	620	619	583	615
75	319	337	301	313	288	334
85	75	81	59	68	46	83
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)			2095.1	0.0
Direct: Peak Candela & Angle (90deg)			2095.1	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)				19.2
Ballast Factor, Multiplication Factor			1.000	1.000
DLC (120/277), DLC (347)			premium	premium
x, y, CCT ,Duv	0.4061	0.3934	3505	0.0010
CRI (Ra), R9			82	9
120V: P(W), I(A), THD(%), PF	41.3	0.346	7.5	0.994
277V: P(W), I(A), THD(%), PF	41.2	0.157	9.9	0.946
347V: P(W), I(A), THD(%), PF	41.0	0.122	7.4	0.970

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	1614	29.5%	29.5%
0-40	2607	47.7%	47.7%
0-60	4439	81.1%	81.1%
0-90	5471	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	5471	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3026	3026	3026
5	3015	3024	3033
15	2966	3000	3039
25	2871	2941	2940
35	2722	2799	2763
45	2546	2607	2545
55	2333	2362	2305
65	2127	2118	1993
75	1781	1682	1606
85	1245	975	754

LUMINAIRE SECTION

LEDALITE

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