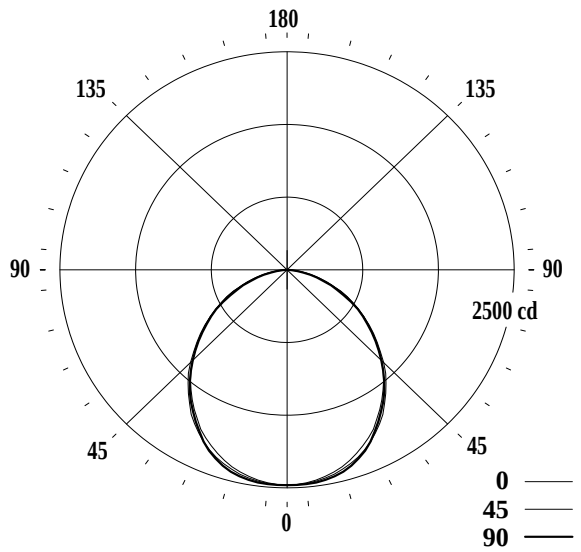
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3324x1STL83565AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X4 6500LM 835
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6448 lm 100.0%
Input Watts:	120 VAC 49.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 130.3
CIE-IES Classification:	Direct	**Report:**	LNG00401

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2470	2470	2470	2470	2470	
5	2451	2456	2458	2465	2466	234
15	2338	2357	2365	2403	2396	669
25	2124	2166	2175	2197	2174	1000
35	1819	1897	1871	1888	1847	1171
45	1469	1527	1504	1516	1468	1160
55	1092	1150	1106	1139	1079	998
65	734	770	730	729	687	725
75	376	398	355	369	339	393
85	89	95	69	80	54	98
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)			2469.5	0.0
Direct: Peak Candela & Angle (90deg)			2469.5	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)				19.8
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	49.5	0.414	6.3	0.997
277V: P(W), I(A), THD(%), PF	49.3	0.185	8.7	0.959
347V: P(W), I(A), THD(%), PF	48.8	0.144	6.1	0.979

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	1903	29.5%	29.5%
0-40	3073	47.7%	47.7%
0-60	5232	81.1%	81.1%
0-90	6448	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	6448	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3567	3567	3567
5	3554	3564	3575
15	3496	3536	3582
25	3384	3467	3465
35	3208	3299	3256
45	3001	3072	3000
55	2750	2784	2717
65	2507	2496	2350
75	2099	1982	1894
85	1467	1149	888

LUMINAIRE SECTION

LEDALITE

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