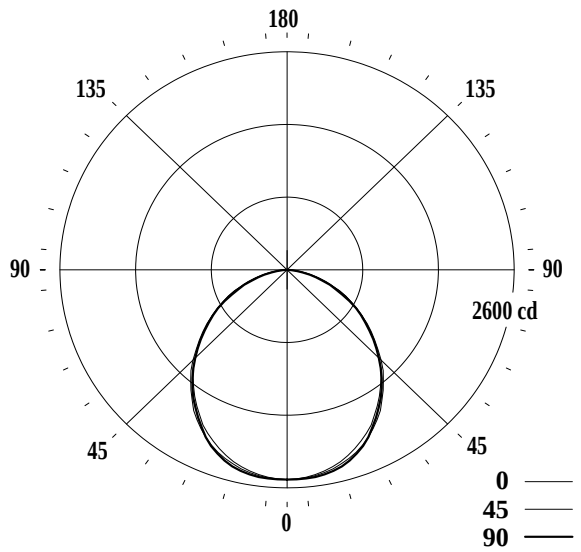
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3324x1STL85065AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X4 6500LM 850
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6531 lm 100.0%
Input Watts:	120 VAC 49.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 131.9
CIE-IES Classification:	Direct	**Report:**	LNG00419

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2501	2501	2501	2501	2501	
5	2482	2488	2489	2497	2497	237
15	2368	2387	2395	2434	2426	678
25	2151	2194	2203	2225	2202	1013
35	1843	1922	1895	1912	1870	1186
45	1488	1547	1523	1535	1487	1175
55	1106	1165	1120	1153	1093	1011
65	743	780	740	739	696	734
75	381	403	360	373	344	399
85	90	96	70	81	54	99
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)			2501.1	0.0
Direct: Peak Candela & Angle (90deg)			2501.1	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)				N/A
Ballast Factor, Multiplication Factor			1.000	1.000
DLC (120/277), DLC (347)			premium	premium
x, y, CCT ,Duv	0.3408	0.3499	5165	0.0009
CRI (Ra), R9			82	13
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	1927	29.5%	29.5%
0-40	3113	47.7%	47.7%
0-60	5299	81.1%	81.1%
0-90	6531	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	6531	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3613	3613	3613
5	3599	3610	3621
15	3541	3582	3628
25	3428	3511	3509
35	3249	3341	3298
45	3039	3112	3038
55	2785	2820	2752
65	2539	2528	2380
75	2126	2008	1918
85	1485	1163	900

LUMINAIRE SECTION

LEDALITE

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