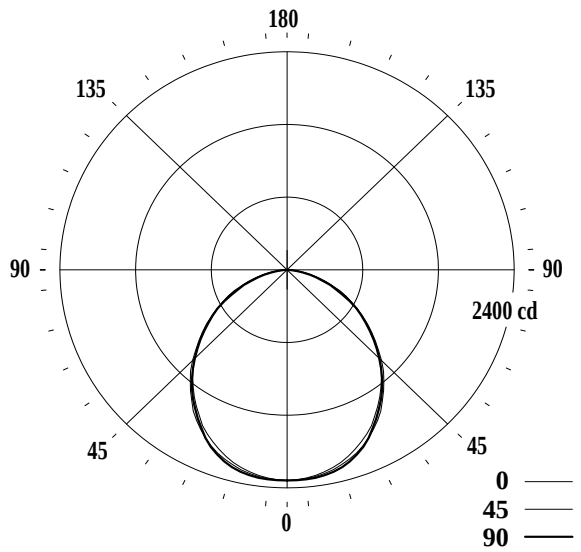
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3324x1STL82765AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X4 6500LM 827
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	6054 lm 100.0%
Input Watts:	120 VAC 49.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 122.3
CIE-IES Classification:	Direct	**Report:**	LNG00383

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	2319	2319	2319	2319	2319	
5	2301	2306	2308	2314	2315	220
15	2195	2213	2220	2256	2249	628
25	1994	2034	2042	2063	2041	939
35	1708	1781	1756	1772	1734	1099
45	1379	1434	1412	1423	1379	1089
55	1025	1080	1038	1069	1013	937
65	689	723	686	685	645	681
75	353	373	334	346	319	369
85	83	89	65	76	50	92
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)			2318.6	0.0
Direct: Peak Candela & Angle (90deg)			2318.6	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	0.4554	0.4074	2737	0.0008
CRI (Ra), R9			82	6
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	1786	29.5%	29.5%
0-40	2885	47.7%	47.7%
0-60	4912	81.1%	81.1%
0-90	6054	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	6054	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3349	3349	3349
5	3337	3346	3356
15	3283	3320	3363
25	3178	3255	3253
35	3012	3097	3057
45	2817	2885	2816
55	2582	2614	2551
65	2354	2344	2206
75	1971	1861	1778
85	1377	1079	834

LUMINAIRE SECTION

LEDALITE

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