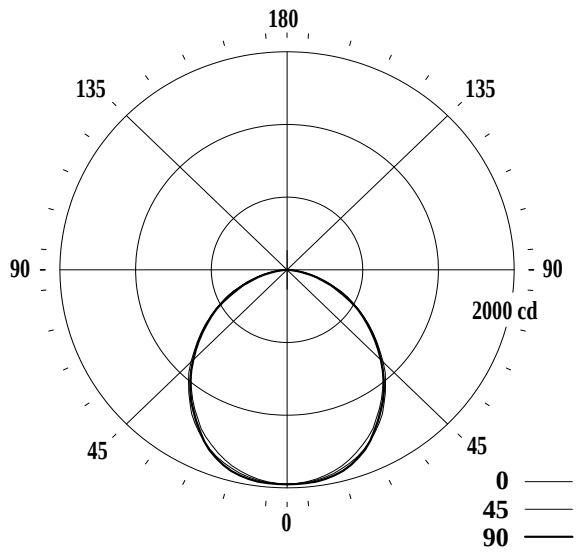
LEDALITE - SHINE

TEST DATE:	18 Oct 2019	**CATALOG NO:**	**3324x1STL82755AxDE**
Lamp Type:	LED	**Description:**	SHINE 2X4 5500LM 827
No. of Lamps:	176		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	5136 lm 100.0%
Input Watts:	120 VAC 41.3	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 124.4
CIE-IES Classification:	Direct	**Report:**	LNG00381

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1967	1967	1967	1967	1967	
5	1952	1957	1958	1964	1964	186
15	1862	1878	1884	1914	1908	533
25	1692	1725	1733	1750	1732	796
35	1449	1511	1490	1504	1471	933
45	1170	1217	1198	1207	1170	924
55	870	916	881	907	860	795
65	584	613	582	581	548	578
75	300	317	283	294	270	313
85	71	76	55	64	43	78
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)			1967.1	0.0
Direct: Peak Candela & Angle (90deg)			1967.1	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	0.4554	0.4074	2737	0.0008
CRI (Ra), R9			82	6
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	1516	29.5%	29.5%
0-40	2448	47.7%	47.7%
0-60	4168	81.1%	81.1%
0-90	5136	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	5136	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	2841	2841	2841
5	2831	2839	2848
15	2785	2817	2854
25	2696	2761	2760
35	2556	2628	2594
45	2390	2447	2389
55	2190	2218	2165
65	1997	1989	1871
75	1672	1579	1509
85	1168	915	708

LUMINAIRE SECTION

LEDALITE

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