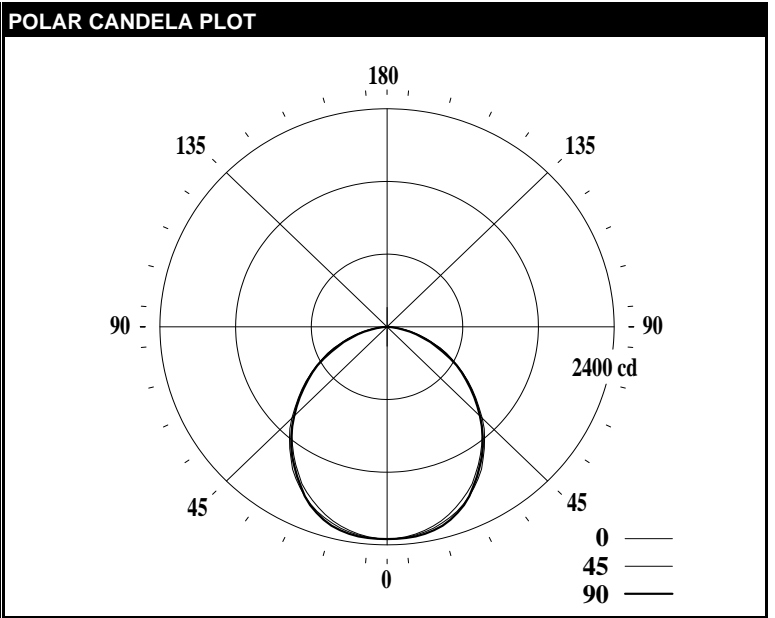


# LEDALITE - SHINE

<b>TEST DATE:</b>	18 Oct 2019	<b>CATALOG NO:</b>	3324x1STL84060AxDE
<b>Lamp Type:</b>	LED	<b>Description:</b>	SHINE 2X4 6000LM 840
<b>No. of Lamps:</b>	176		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	6100 lm 100.0%
<b>Input Watts:</b>	120 VAC 45.4	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 134.4
<b>CIE-IES Classification:</b>	Direct	<b>Report:</b>	LNG00409

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	2336	2336	2336	2336	2336	
5	2319	2324	2325	2332	2332	221
15	2212	2230	2237	2273	2266	633
25	2009	2049	2058	2078	2057	946
35	1721	1795	1770	1786	1747	1107
45	1390	1445	1423	1434	1389	1098
55	1033	1088	1046	1077	1021	944
65	694	728	691	690	650	686
75	356	376	336	349	321	372
85	84	90	66	76	51	93
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	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	2336.1	0.0	
Direct: Peak Candela & Angle (90deg)	2336.1	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	0.3794	0.3781	4040 0.0010
CRI (Ra), R9			82 10
120V: P(W), I(A), THD(%), PF	45.4	0.380	6.9 0.996
277V: P(W), I(A), THD(%), PF	45.2	0.171	9.3 0.953
347V: P(W), I(A), THD(%), PF	44.9	0.132	6.7 0.976

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	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	1800	29.5%	29.5%
0-40	2907	47.7%	47.7%
0-60	4949	81.1%	81.1%
0-90	6100	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	6100	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	3374	3374	3374
5	3362	3371	3382
15	3307	3345	3389
25	3202	3279	3278
35	3035	3121	3080
45	2839	2907	2838
55	2601	2633	2571
65	2372	2362	2222
75	1986	1875	1792
85	1387	1087	840

LUMINAIRE SECTION	



**LEDALITE**

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