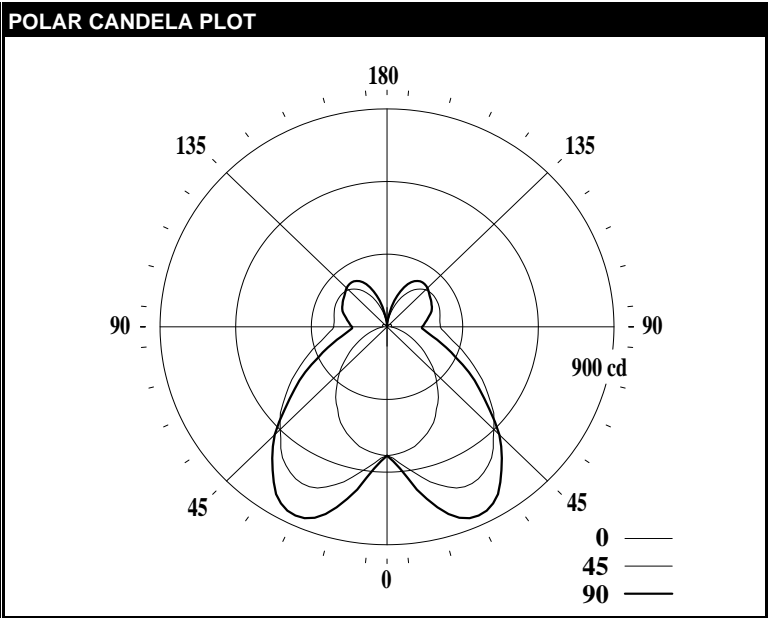


# LEDALITE - MODIFLY

<b>TEST DATE:</b>	09 Apr 2019	<b>CATALOG NO:</b>	MFxSL83035QN04
<b>Lamp Type:</b>	LED	<b>Description:</b>	MODIFLY SUSPENDED 4FT 3500LM 830
<b>No. of Lamps:</b>	4		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	3365 lm 100.0%
<b>Input Watts:</b>	120 VAC 27.4	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	28% Up / 72% Dn 122.8
<b>CIE-IES Classification:</b>	Semi-Direct	<b>Report (Ele, Col, Photo):</b>	MF-EI-12 T20190229 S07412-5

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	532	532	532	532	532	
5	525	538	564	591	587	55
15	493	557	663	753	772	185
25	436	550	729	829	860	317
35	355	509	699	764	783	396
45	267	431	599	627	630	406
55	181	340	490	460	447	360
65	107	273	379	323	302	294
75	55	222	287	228	206	230
85	23	183	227	168	148	182
90	17	170	211	152	139	
95	16	161	210	148	149	165
105	18	149	217	167	173	166
115	19	143	224	185	196	163
125	17	136	225	196	209	150
135	13	119	216	207	227	128
145	10	93	187	203	230	94
155	8	61	134	164	195	54
165	6	29	66	97	112	18
175	6	8	13	22	22	2
180	6	6	6	6	6	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	532.2	0.0	
Direct: Peak Candela & Angle (90deg)	859.6	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.12	1.84	N/A
Indirect: Peak Candela & Angle	231.2	142.5	
Indirect: Zenith Candela, Peak to Zenith	5.9	38.92	
Luminous Length, Width, Height (ft)	3.97	0.18	0.20
UGR (4H x 8H, 0.25H)			20.0
Ballast Factor, Multiplication Factor	1.000	1.650	
DLC (120/277), DLC (347)	Standard	Standard	
x, y, CCT, Duv	0.4348	0.4010	3010 -0.0010
CRI (Ra), R9		83	10
120V: P(W), I(A), THD(%), PF	27.4	0.231	6.0 0.990
277V: P(W), I(A), THD(%), PF	27.1	0.101	12.0 0.970
347V: P(W), I(A), THD(%), PF	27.0	0.079	7.6 0.987

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	112	112	112	112	107	107	107	96	96	96	72	
	1	101	95	90	86	95	90	86	81	77	74	56	
	2	91	82	75	69	86	78	71	70	65	60	46	
	3	83	72	63	57	78	68	60	61	55	50	38	
	4	75	63	54	48	71	60	52	54	47	42	32	
	5	69	56	47	41	65	53	45	48	41	36	27	
	6	64	50	41	35	60	48	40	43	36	31	24	
	7	59	45	37	31	55	43	35	39	32	27	21	
	8	55	41	33	27	51	39	31	36	29	24	19	
	9	51	38	29	24	48	36	28	33	26	22	17	
	10	47	34	27	22	45	33	26	30	24	19	15	

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	556	16.5%	16.5%
0-40	953	28.3%	28.3%
0-60	1719	51.1%	51.1%
0-90	2424	72.0%	72.0%
90-130	645	19.2%	19.2%
90-150	867	25.8%	25.8%
90-180	941	28.0%	28.0%
0-180	3365	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	8014	8014	8014
5	7905	7959	8091
15	7584	8468	9272
25	7083	8753	9408
35	6306	8154	8099
45	5403	7000	6354
55	4434	5918	4537
65	3449	4889	3183
75	2691	4110	2324
85	2479	3782	1861

LUMINAIRE SECTION	



**LEDALITE**

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