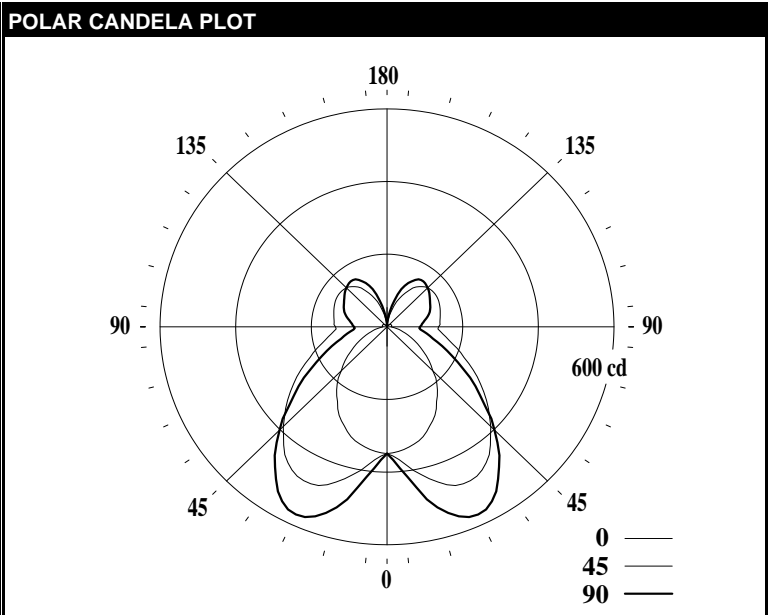


# LEDALITE - MODIFLY

<b>TEST DATE:</b>	09 Apr 2019	<b>CATALOG NO:</b>	MFxSL83545QN02
<b>Lamp Type:</b>	LED	<b>Description:</b>	MODIFLY SUSPENDED 2FT 4500LM 835
<b>No. of Lamps:</b>	2		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	2181 lm 100.0%
<b>Input Watts:</b>	277 VAC 18.0	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	28% Up / 72% Dn 121.2
<b>CIE-IES Classification:</b>	Semi-Direct	<b>Report (Ele, Col, Photo):</b>	MF-EI-07 T20190203 S07411-E

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	349	349	349	349	349	
5	345	353	367	392	391	36
15	325	365	433	499	515	122
25	285	361	477	547	570	208
35	232	332	457	503	512	260
45	171	282	388	401	402	262
55	116	223	312	295	286	231
65	71	173	238	201	190	186
75	37	141	179	139	126	144
85	16	116	141	104	89	114
90	11	107	136	94	87	
95	11	102	140	91	93	105
105	13	94	146	104	111	107
115	13	92	153	115	126	106
125	11	88	156	126	138	99
135	9	78	152	134	152	86
145	7	62	134	133	157	64
155	6	41	95	110	133	37
165	4	19	47	64	75	13
175	4	6	10	13	17	1
180	4	4	4	4	4	



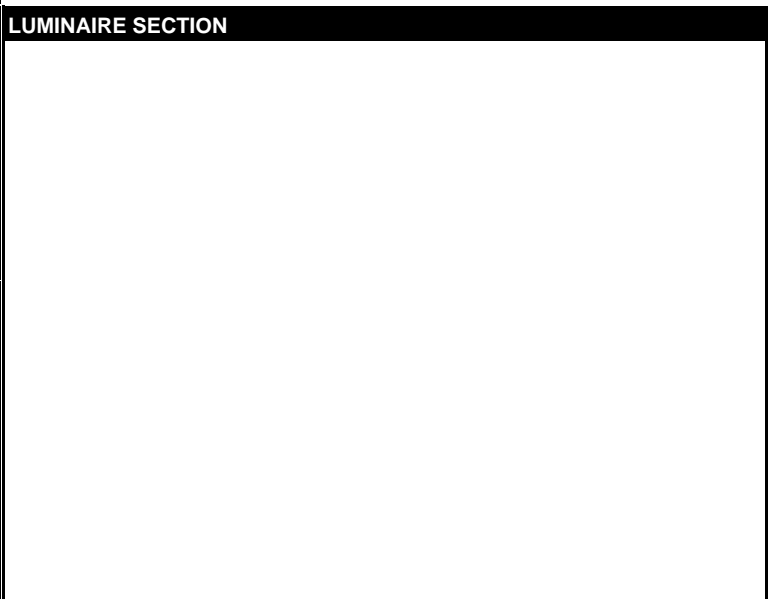
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	349.1		0.0
Direct: Peak Candela & Angle (90deg)	570.1		25.0
Spacing Criteria (0deg, 90deg, 180deg)	1.13	1.83	N/A
Indirect: Peak Candela & Angle	157.7		142.5
Indirect: Zenith Candela, Peak to Zenith		4.0	39.53
Luminous Length, Width, Height (ft)	2.01	0.18	0.20
UGR (4H x 8H, 0.25H)			20.6
Ballast Factor, Multiplication Factor		1.000	1.050
DLC (120/277), DLC (347)		Standard	Standard
x, y, CCT, Duv	0.4093	0.3910	3417 -0.0007
CRI (Ra), R9			84 11
120V: P(W), I(A), THD(%), PF	17.9	0.150	9.3 0.992
277V: P(W), I(A), THD(%), PF	18.0	0.068	13.4 0.956
347V: P(W), I(A), THD(%), PF	18.3	0.055	10.6 0.963

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	106	106	106	95	95	95	72	
	1	101	95	91	86	95	90	86	81	77	74	56	
	2	91	82	75	69	86	78	72	70	65	60	46	
	3	83	72	64	57	78	68	61	61	55	50	38	
	4	75	63	55	48	71	60	52	54	48	42	32	
	5	69	56	47	41	65	54	45	48	42	36	28	
	6	64	51	42	35	60	48	40	43	37	32	24	
	7	59	46	37	31	55	43	35	39	33	28	21	
	8	55	41	33	27	52	39	32	36	29	25	19	
	9	51	38	30	24	48	36	29	33	26	22	17	
	10	48	35	27	22	45	33	26	30	24	20	15	

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	366	16.8%	16.8%
0-40	626	28.7%	28.7%
0-60	1118	51.3%	51.3%
0-90	1562	71.6%	71.6%
90-130	418	19.2%	19.2%
90-150	568	26.1%	26.1%
90-180	619	28.4%	28.4%
0-180	2181	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	10382	10382	10382
5	10198	10191	10632
15	9742	10841	12211
25	8949	11184	12323
35	7875	10370	10451
45	6542	8793	8005
55	5267	7282	5722
65	4098	5917	3951
75	3132	4898	2811
85	2514	4468	2223



**LEDALITE**

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