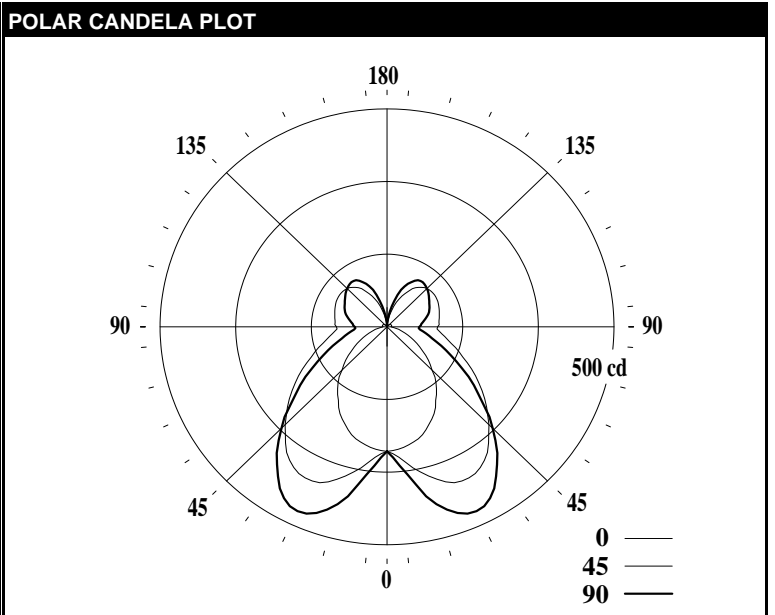


# LEDALITE - MODIFLY

<b>TEST DATE:</b>	09 Apr 2019	<b>CATALOG NO:</b>	MFxSL84035QN02
<b>Lamp Type:</b>	LED	<b>Description:</b>	MODIFLY SUSPENDED 2FT 3500LM 840
<b>No. of Lamps:</b>	2		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	1785 lm 100.0%
<b>Input Watts:</b>	277 VAC 14.5	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	28% Up / 72% Dn 123.1
<b>CIE-IES Classification:</b>	Semi-Direct	<b>Report (Ele, Col, Photo):</b>	MF-EI-05 T20190206 S07411-J

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	286	286	286	286	286	
5	282	289	300	321	320	30
15	266	299	354	409	421	100
25	234	295	390	448	467	171
35	190	272	374	412	419	212
45	140	231	318	328	329	214
55	95	182	256	242	234	189
65	58	142	195	165	155	152
75	31	115	146	114	103	118
85	13	95	116	85	73	93
90	9	88	112	77	71	
95	9	83	115	74	76	86
105	10	77	119	85	91	88
115	10	75	125	94	103	87
125	9	72	128	103	113	81
135	7	64	124	110	124	70
145	6	51	110	109	129	53
155	5	33	78	90	109	30
165	3	15	38	52	61	10
175	3	5	8	11	14	1
180	3	3	3	3	3	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	285.7		0.0
Direct: Peak Candela & Angle (90deg)	466.6		25.0
Spacing Criteria (0deg, 90deg, 180deg)	1.13	1.83	N/A
Indirect: Peak Candela & Angle	129.1		142.5
Indirect: Zenith Candela, Peak to Zenith		3.3	39.53
Luminous Length, Width, Height (ft)	2.01	0.18	0.20
UGR (4H x 8H, 0.25H)			19.9
Ballast Factor, Multiplication Factor		1.000	0.859
DLC (120/277), DLC (347)		Standard	Standard
x, y, CCT, Duv	0.3853	0.3831	3918 0.0016
CRI (Ra), R9			81 4
120V: P(W), I(A), THD(%), PF	14.3	0.121	11.6 0.988
277V: P(W), I(A), THD(%), PF	14.5	0.056	16.0 0.937
347V: P(W), I(A), THD(%), PF	14.6	0.044	12.0 0.948

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	300	16.8%	16.8%
0-40	512	28.7%	28.7%
0-60	915	51.3%	51.3%
0-90	1279	71.6%	71.6%
90-130	342	19.2%	19.2%
90-150	465	26.1%	26.1%
90-180	507	28.4%	28.4%
0-180	1785	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	8497	8497	8497
5	8347	8341	8702
15	7973	8873	9994
25	7324	9154	10086
35	6446	8487	8554
45	5355	7197	6552
55	4311	5960	4683
65	3354	4843	3234
75	2563	4009	2300
85	2058	3657	1819

LUMINAIRE SECTION	



**LEDALITE**

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