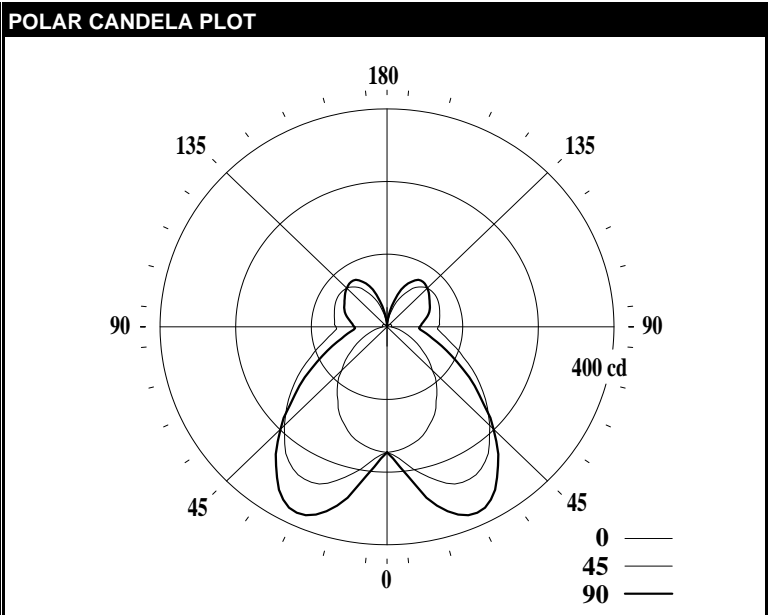


# LEDALITE - MODIFLY

<b>TEST DATE:</b>	09 Apr 2019	<b>CATALOG NO:</b>	MFxSL83030QN02
<b>Lamp Type:</b>	LED	<b>Description:</b>	MODIFLY SUSPENDED 2FT 3000LM 830
<b>No. of Lamps:</b>	2		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	1440 lm 100.0%
<b>Input Watts:</b>	277 VAC 12.5	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	28% Up / 72% Dn 115.2
<b>CIE-IES Classification:</b>	Semi-Direct	<b>Report (Ele, Col, Photo):</b>	MF-EI-04 T20190229 S07411-4

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	231	231	231	231	231	
5	228	233	242	259	258	24
15	215	241	286	330	340	80
25	188	238	315	361	376	138
35	153	219	302	332	338	171
45	113	186	256	265	265	173
55	77	147	206	195	189	152
65	47	115	157	133	125	123
75	25	93	118	92	83	95
85	10	77	93	69	59	75
90	8	71	90	62	58	
95	7	67	93	60	61	70
105	8	62	96	68	73	71
115	8	61	101	76	83	70
125	7	58	103	83	91	66
135	6	51	100	89	100	57
145	4	41	88	88	104	42
155	4	27	63	73	88	24
165	3	12	31	42	49	8
175	3	4	6	9	11	1
180	3	3	3	3	3	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	230.5		0.0
Direct: Peak Candela & Angle (90deg)	376.4		25.0
Spacing Criteria (0deg, 90deg, 180deg)	1.13	1.83	N/A
Indirect: Peak Candela & Angle	104.1		142.5
Indirect: Zenith Candela, Peak to Zenith		2.6	39.53
Luminous Length, Width, Height (ft)	2.01	0.18	0.20
UGR (4H x 8H, 0.25H)			19.2
Ballast Factor, Multiplication Factor		1.000	0.693
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	12.2	0.103	13.1 0.985
277V: P(W), I(A), THD(%), PF	12.5	0.049	17.6 0.922
347V: P(W), I(A), THD(%), PF	12.7	0.039	13.0 0.936

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	242	16.8%	16.8%
0-40	413	28.7%	28.7%
0-60	738	51.3%	51.3%
0-90	1031	71.6%	71.6%
90-130	276	19.2%	19.2%
90-150	375	26.1%	26.1%
90-180	409	28.4%	28.4%
0-180	1440	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	6855	6855	6855
5	6733	6729	7020
15	6432	7158	8062
25	5909	7384	8136
35	5200	6847	6900
45	4320	5806	5285
55	3478	4808	3778
65	2706	3907	2609
75	2068	3234	1856
85	1660	2950	1468

LUMINAIRE SECTION	



**LEDALITE**

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