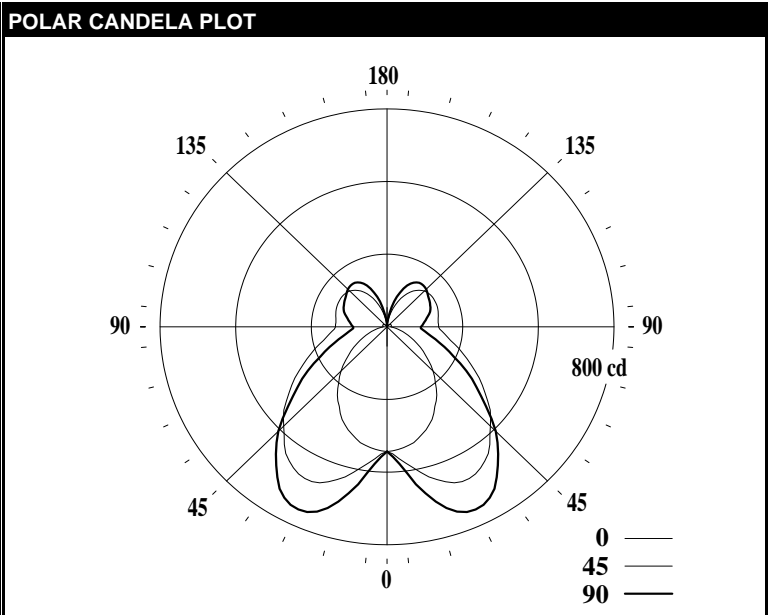


# LEDALITE - MODIFLY

<b>TEST DATE:</b>	09 Apr 2019	<b>CATALOG NO:</b>	MFxSL83030QN04
<b>Lamp Type:</b>	LED	<b>Description:</b>	MODIFLY SUSPENDED 4FT 3000LM 830
<b>No. of Lamps:</b>	4		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	2895 lm 100.0%
<b>Input Watts:</b>	120 VAC 23.5	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	28% Up / 72% Dn 123.2
<b>CIE-IES Classification:</b>	Semi-Direct	<b>Report (Ele, Col, Photo):</b>	MF-EI-11 T20190229 S07412-4

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	458	458	458	458	458	
5	452	463	486	509	505	47
15	424	479	570	648	664	159
25	375	473	627	714	740	272
35	306	438	601	657	674	341
45	229	371	515	540	542	349
55	156	292	421	396	385	310
65	92	235	326	278	260	253
75	47	191	247	196	177	198
85	20	157	196	145	127	157
90	14	146	182	130	120	
95	14	139	181	128	128	142
105	16	128	187	144	149	143
115	16	123	193	159	169	141
125	15	117	194	169	180	129
135	12	102	186	178	195	110
145	9	80	161	175	198	81
155	7	52	116	141	168	46
165	5	25	57	83	97	16
175	5	7	11	19	19	2
180	5	5	5	5	5	



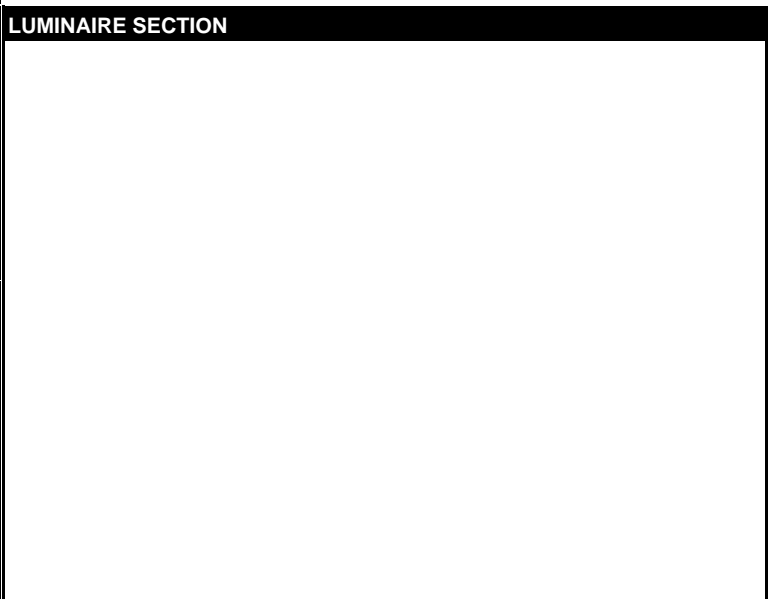
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	457.9	0.0	
Direct: Peak Candela & Angle (90deg)	739.6	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.12	1.84	N/A
Indirect: Peak Candela & Angle	198.9	142.5	
Indirect: Zenith Candela, Peak to Zenith	5.1	38.92	
Luminous Length, Width, Height (ft)	3.97	0.18	0.20
UGR (4H x 8H, 0.25H)			19.5
Ballast Factor, Multiplication Factor	1.000	1.420	
DLC (120/277), DLC (347)	Standard	Premium	
x, y, CCT, Duv	0.4348	0.4010	3010 -0.0010
CRI (Ra), R9		83	10
120V: P(W), I(A), THD(%), PF	23.5	0.198	7.0 0.990
277V: P(W), I(A), THD(%), PF	23.3	0.088	13.0 0.960
347V: P(W), I(A), THD(%), PF	22.8	0.067	8.8 0.983

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	479	16.5%	16.5%
0-40	820	28.3%	28.3%
0-60	1479	51.1%	51.1%
0-90	2086	72.0%	72.0%
90-130	555	19.2%	19.2%
90-150	746	25.8%	25.8%
90-180	809	28.0%	28.0%
0-180	2895	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	6895	6895	6895
5	6801	6847	6961
15	6525	7285	7977
25	6094	7530	8094
35	5425	7016	6968
45	4649	6023	5466
55	3814	5091	3903
65	2967	4206	2738
75	2315	3536	2000
85	2133	3254	1601



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