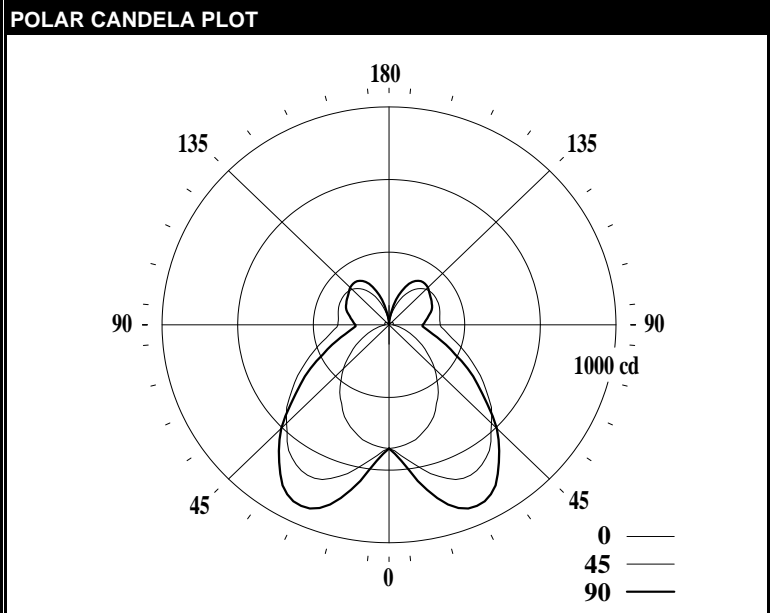


# LEDALITE - MODIFLY

<b>TEST DATE:</b>	09 Apr 2019	<b>CATALOG NO:</b>	MFxSL84035QN04
<b>Lamp Type:</b>	LED	<b>Description:</b>	MODIFLY SUSPENDED 4FT 3500LM 840
<b>No. of Lamps:</b>	4		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	3588 lm 100.0%
<b>Input Watts:</b>	120 VAC 27.4	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	28% Up / 72% Dn 130.9
<b>CIE-IES Classification:</b>	Semi-Direct	<b>Report (Ele, Col, Photo):</b>	MF-EI-12 T20190206 S07412-J

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	568	568	568	568	568	
5	560	574	602	630	626	59
15	526	593	707	803	823	197
25	465	586	777	884	917	338
35	379	543	745	814	835	423
45	284	460	638	669	672	433
55	193	362	522	490	477	384
65	114	291	404	344	322	313
75	59	237	306	243	219	245
85	24	195	243	180	157	194
90	18	181	225	162	148	
95	17	172	224	158	159	176
105	20	159	232	178	184	177
115	20	153	239	197	209	174
125	19	145	240	209	223	160
135	14	127	231	221	242	136
145	11	100	199	216	245	101
155	9	65	143	175	208	57
165	6	31	70	103	120	20
175	7	9	13	23	24	2
180	6	6	6	6	6	



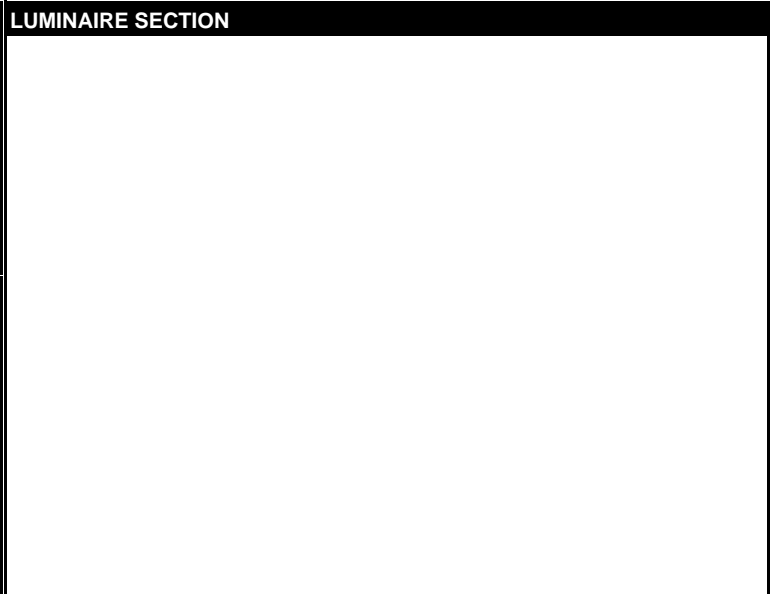
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	567.5	0.0	
Direct: Peak Candela & Angle (90deg)	916.6	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.12	1.84	N/A
Indirect: Peak Candela & Angle	246.5	142.5	
Indirect: Zenith Candela, Peak to Zenith	6.3	38.92	
Luminous Length, Width, Height (ft)	3.97	0.18	0.20
UGR (4H x 8H, 0.25H)			20.3
Ballast Factor, Multiplication Factor	1.000	1.760	
DLC (120/277), DLC (347)	Premium	Premium	
x, y, CCT, Duv	0.3853	0.3831	3918 0.0016
CRI (Ra), R9		81	4
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	593	16.5%	16.5%
0-40	1016	28.3%	28.3%
0-60	1833	51.1%	51.1%
0-90	2585	72.0%	72.0%
90-130	688	19.2%	19.2%
90-150	924	25.8%	25.8%
90-180	1003	28.0%	28.0%
0-180	3588	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	8545	8545	8545
5	8429	8487	8627
15	8087	9029	9886
25	7552	9333	10031
35	6724	8695	8636
45	5761	7464	6775
55	4727	6310	4838
65	3678	5213	3394
75	2870	4382	2478
85	2643	4033	1984



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