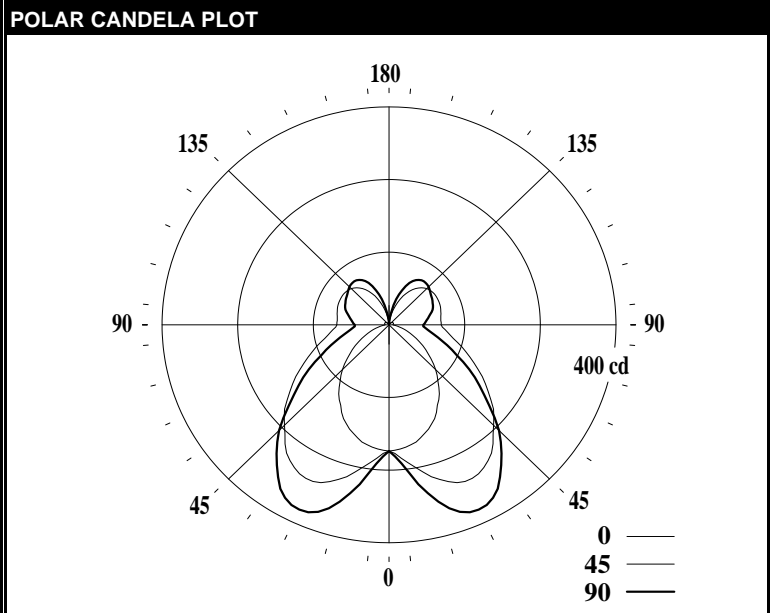


# LEDALITE - MODIFLY

<b>TEST DATE:</b>	09 Apr 2019	<b>CATALOG NO:</b>	MFxSL83515QN04
<b>Lamp Type:</b>	LED	<b>Description:</b>	MODIFLY SUSPENDED 4FT 1500LM 835
<b>No. of Lamps:</b>	4		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	1465 lm 100.0%
<b>Input Watts:</b>	277 VAC 12.1	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	28% Up / 72% Dn 121.1
<b>CIE-IES Classification:</b>	Semi-Direct	<b>Report (Ele, Col, Photo):</b>	MF-EI-08 T20190203 S07412-8

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	232	232	232	232	232	
5	229	234	246	257	256	24
15	215	242	289	328	336	81
25	190	239	317	361	374	138
35	155	222	304	333	341	173
45	116	188	261	273	274	177
55	79	148	213	200	195	157
65	47	119	165	141	132	128
75	24	97	125	99	90	100
85	10	80	99	73	64	79
90	7	74	92	66	61	
95	7	70	92	65	65	72
105	8	65	95	73	75	72
115	8	62	98	80	85	71
125	8	59	98	86	91	65
135	6	52	94	90	99	56
145	4	41	81	88	100	41
155	4	26	59	72	85	23
165	3	13	29	42	49	8
175	3	4	6	9	10	1
180	3	3	3	3	3	



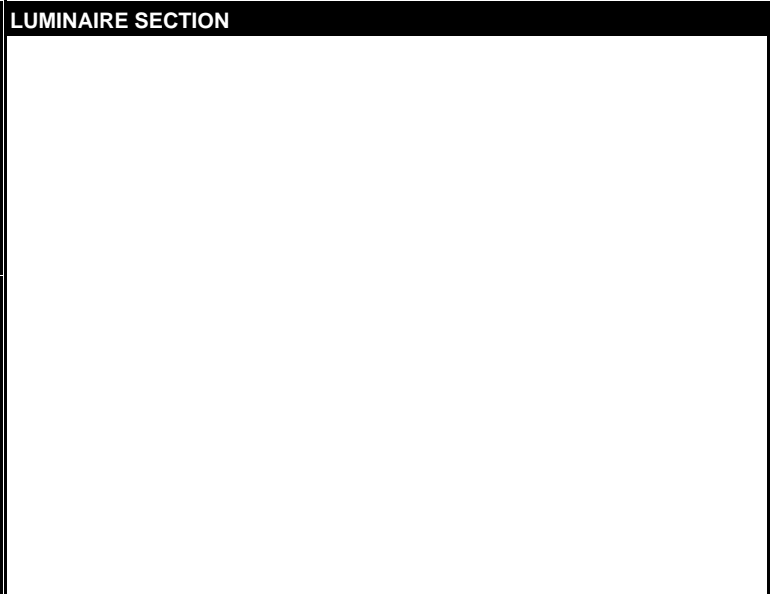
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	231.7		0.0
Direct: Peak Candela & Angle (90deg)	374.3		25.0
Spacing Criteria (0deg, 90deg, 180deg)	1.12	1.84	N/A
Indirect: Peak Candela & Angle	100.7		142.5
Indirect: Zenith Candela, Peak to Zenith		2.6	38.92
Luminous Length, Width, Height (ft)	3.97	0.18	0.20
UGR (4H x 8H, 0.25H)			17.2
Ballast Factor, Multiplication Factor	1.000		0.719
DLC (120/277), DLC (347)	N/A		N/A
x, y, CCT, Duv	0.4093	0.3910	3417 -0.0007
CRI (Ra), R9			84 11
120V: P(W), I(A), THD(%), PF	11.8	0.100	13.0 0.987
277V: P(W), I(A), THD(%), PF	12.1	0.048	17.6 0.916
347V: P(W), I(A), THD(%), PF	12.4	0.038	13.0 0.934

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	242	16.5%	16.5%
0-40	415	28.3%	28.3%
0-60	748	51.1%	51.1%
0-90	1055	72.0%	72.0%
90-130	281	19.2%	19.2%
90-150	377	25.8%	25.8%
90-180	410	28.0%	28.0%
0-180	1465	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	3489	3489	3489
5	3442	3465	3523
15	3302	3687	4037
25	3084	3811	4096
35	2745	3550	3526
45	2352	3048	2766
55	1930	2576	1975
65	1502	2129	1386
75	1172	1789	1012
85	1079	1647	810



**LEDALITE**

Ledalite  
19750 - 92A Avenue  
Langley, BC  
CANADA V1M 3B2  
Phone: 604-888-6811  
Fax: 800-665-5332  
604-888-2003