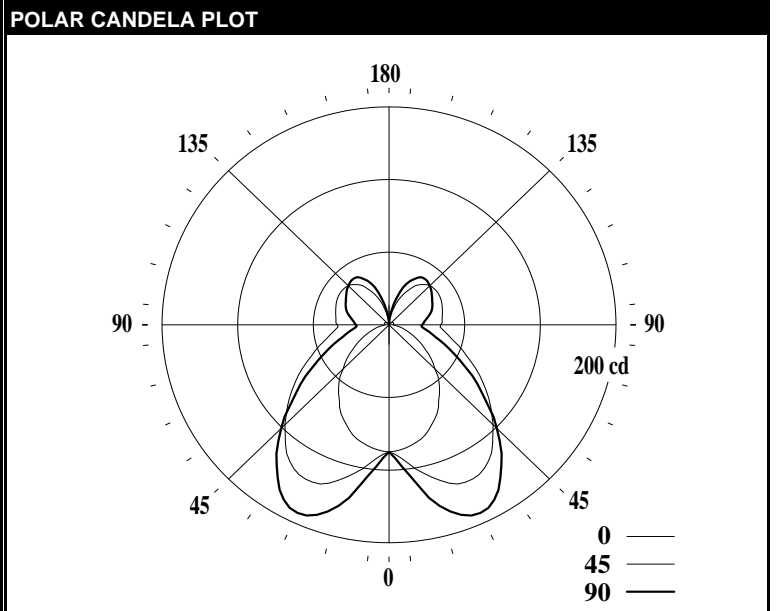


# LEDALITE - MODIFLY

<b>TEST DATE:</b>	09 Apr 2019	<b>CATALOG NO:</b>	MFxSL83515QN02
<b>Lamp Type:</b>	LED	<b>Description:</b>	MODIFLY SUSPENDED 2FT 1500LM 835
<b>No. of Lamps:</b>	2	<b>Flux (lm), Efficiency (%):</b>	729 lm 100.0%
<b>Rated Lamp Lumens:</b>	-1	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	28% Up / 72% Dn 95.9
<b>Input Watts:</b>	277 VAC 7.6	<b>Report (Ele, Col, Photo):</b>	MF-EI-01 T20190203 S07411-8
<b>CIE-IES Classification:</b>	Semi-Direct		

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	117	117	117	117	117	
5	115	118	123	131	131	12
15	109	122	145	167	172	41
25	95	121	159	183	191	70
35	78	111	153	168	171	87
45	57	94	130	134	134	88
55	39	74	104	99	95	77
65	24	58	80	67	64	62
75	13	47	60	46	42	48
85	5	39	47	35	30	38
90	4	36	46	31	29	
95	4	34	47	30	31	35
105	4	31	49	35	37	36
115	4	31	51	39	42	36
125	4	29	52	42	46	33
135	3	26	51	45	51	29
145	2	21	45	45	53	21
155	2	14	32	37	45	12
165	1	6	16	21	25	4
175	1	2	3	5	6	1
180	1	1	1	1	1	



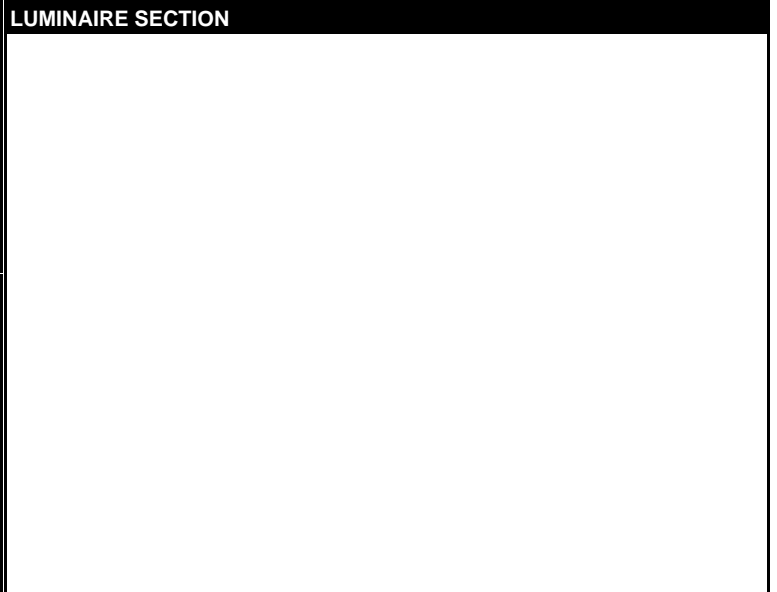
CHARACTERISTICS					
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces				
Direct: Peak Candela & Angle (0deg)	116.7	0.0			
Direct: Peak Candela & Angle (90deg)	190.5	25.0			
Spacing Criteria (0deg, 90deg, 180deg)	1.13	1.83	N/A		
Indirect: Peak Candela & Angle	52.7	142.5			
Indirect: Zenith Candela, Peak to Zenith	1.3	39.53			
Luminous Length, Width, Height (ft)	2.01	0.18	0.20		
UGR (4H x 8H, 0.25H)	16.9				
Ballast Factor, Multiplication Factor	1.000	0.351			
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	7.1	0.062	22.0	0.950	
277V: P(W), I(A), THD(%), PF	7.6	0.035	40.0	0.780	
347V: P(W), I(A), THD(%), PF	7.6	0.026	17.0	0.856	

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	122	16.8%	16.8%
0-40	209	28.7%	28.7%
0-60	374	51.3%	51.3%
0-90	522	71.6%	71.6%
90-130	140	19.2%	19.2%
90-150	190	26.1%	26.1%
90-180	207	28.4%	28.4%
0-180	729	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	3470	3470	3470
5	3408	3406	3554
15	3256	3623	4081
25	2991	3738	4119
35	2632	3466	3493
45	2187	2939	2675
55	1760	2434	1912
65	1370	1978	1321
75	1047	1637	939
85	840	1493	743



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