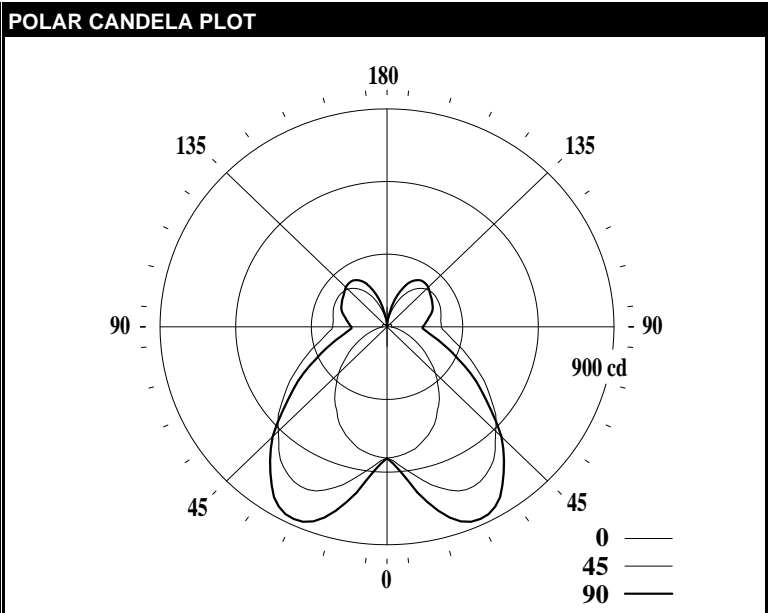


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL83535QN04
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 4FT 3500LM 835
No. of Lamps:	4		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3428 lm 100.0%
Input Watts:	120 VAC 27.4	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 125.1
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-12 T20190203 S07412-C

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	542	542	542	542	542	
5	535	548	575	602	598	56
15	502	567	675	767	786	188
25	445	560	742	845	876	323
35	362	519	712	778	798	404
45	272	440	610	639	642	413
55	184	346	499	468	455	367
65	109	278	386	329	308	299
75	56	226	293	232	210	234
85	23	186	232	172	150	186
90	17	173	215	154	142	
95	16	164	214	151	152	168
105	19	152	221	170	176	169
115	19	146	228	188	200	166
125	18	138	230	200	213	153
135	14	121	220	211	231	130
145	10	95	190	207	234	96
155	8	62	137	167	199	55
165	6	29	67	99	114	19
175	6	8	13	22	23	2
180	6	6	6	6	6	



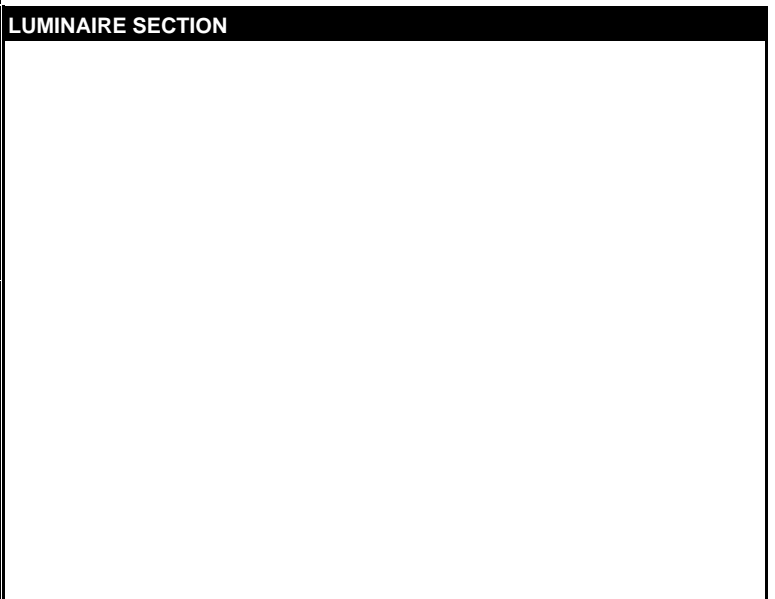
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	542.2		0.0
Direct: Peak Candela & Angle (90deg)	875.7		25.0
Spacing Criteria (0deg, 90deg, 180deg)	1.12	1.84	N/A
Indirect: Peak Candela & Angle	235.5		142.5
Indirect: Zenith Candela, Peak to Zenith		6.1	38.92
Luminous Length, Width, Height (ft)	3.97	0.18	0.20
UGR (4H x 8H, 0.25H)			20.1
Ballast Factor, Multiplication Factor	1.000		1.681
DLC (120/277), DLC (347)	Standard		Premium
x, y, CCT, Duv	0.4093	0.3910	3417 -0.0007
CRI (Ra), R9			84 11
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	567	16.5%	16.5%
0-40	971	28.3%	28.3%
0-60	1751	51.1%	51.1%
0-90	2470	72.0%	72.0%
90-130	657	19.2%	19.2%
90-150	883	25.8%	25.8%
90-180	959	28.0%	28.0%
0-180	3428	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	8164	8164	8164
5	8053	8108	8243
15	7726	8627	9445
25	7216	8917	9584
35	6424	8307	8251
45	5504	7131	6473
55	4517	6028	4622
65	3514	4981	3242
75	2742	4186	2368
85	2525	3853	1895



LEDALITE

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