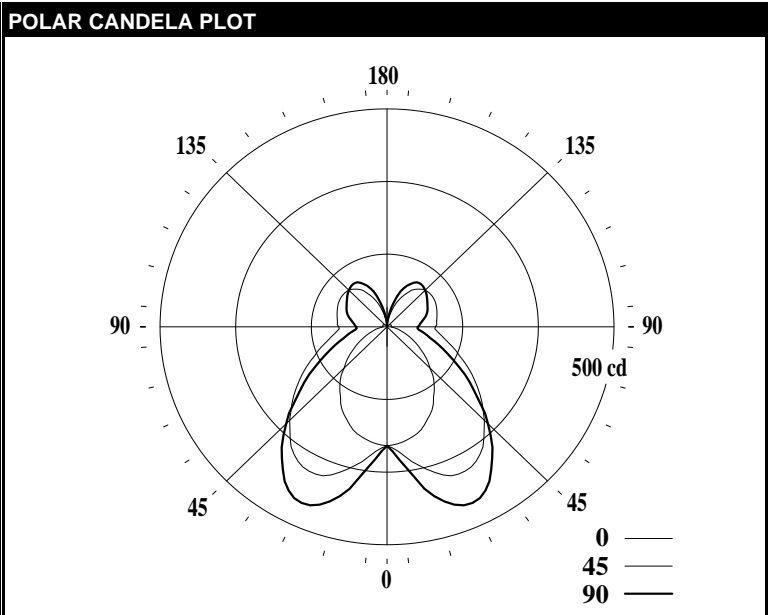


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL83535QN02
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 2FT 3500LM 835
No. of Lamps:	2		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	1705 lm 100.0%
Input Watts:	277 VAC 14.5	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 117.6
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-05 T20190203 S07411-C

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	273	273	273	273	273	
5	269	276	287	306	306	28
15	254	285	338	391	402	95
25	223	282	373	428	446	163
35	181	260	357	393	400	203
45	134	221	303	314	314	205
55	91	174	244	231	223	181
65	55	136	186	157	149	145
75	29	110	140	108	98	113
85	12	91	110	81	70	89
90	9	84	107	73	68	
95	9	80	110	71	73	82
105	10	74	114	81	87	84
115	10	72	119	90	99	83
125	9	69	122	98	108	78
135	7	61	119	105	119	67
145	5	48	105	104	123	50
155	4	32	75	86	104	29
165	3	15	36	50	59	10
175	3	5	8	10	13	1
180	3	3	3	3	3	



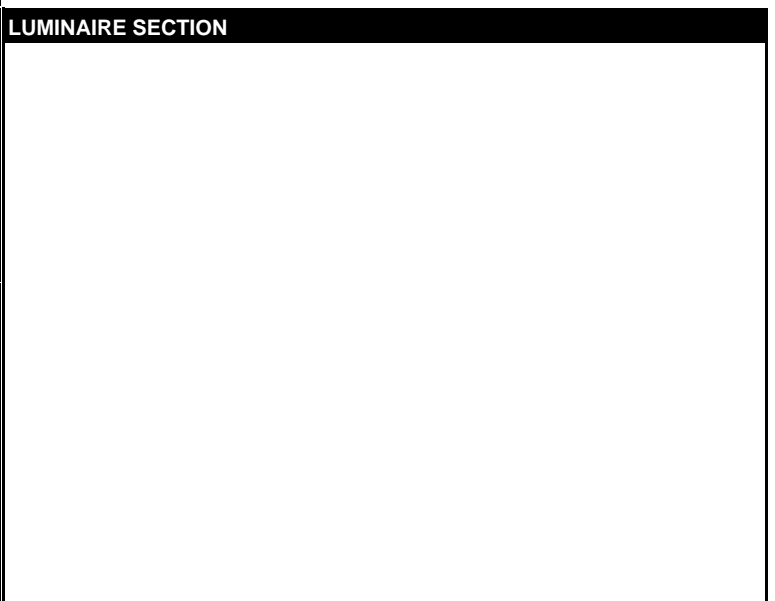
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	272.9	0.0	
Direct: Peak Candela & Angle (90deg)	445.7	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.13	1.83	N/A
Indirect: Peak Candela & Angle	123.3	142.5	
Indirect: Zenith Candela, Peak to Zenith	3.1	39.53	
Luminous Length, Width, Height (ft)	2.01	0.18	0.20
UGR (4H x 8H, 0.25H)		19.8	
Ballast Factor, Multiplication Factor	1.000	0.821	
DLC (120/277), DLC (347)	Standard	Standard	
x, y, CCT, Duv	0.4093	0.3910	3417 -0.0007
CRI (Ra), R9		84	11
120V: P(W), I(A), THD(%), PF	14.3	0.121	11.6 0.988
277V: P(W), I(A), THD(%), PF	14.5	0.056	16.0 0.937
347V: P(W), I(A), THD(%), PF	14.6	0.044	12.0 0.948

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	286	16.8%	16.8%
0-40	489	28.7%	28.7%
0-60	874	51.3%	51.3%
0-90	1221	71.6%	71.6%
90-130	327	19.2%	19.2%
90-150	444	26.1%	26.1%
90-180	484	28.4%	28.4%
0-180	1705	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	8117	8117	8117
5	7973	7967	8312
15	7616	8476	9546
25	6996	8743	9634
35	6157	8107	8171
45	5115	6875	6258
55	4118	5693	4473
65	3204	4626	3089
75	2448	3829	2197
85	1966	3493	1738



LEDALITE

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