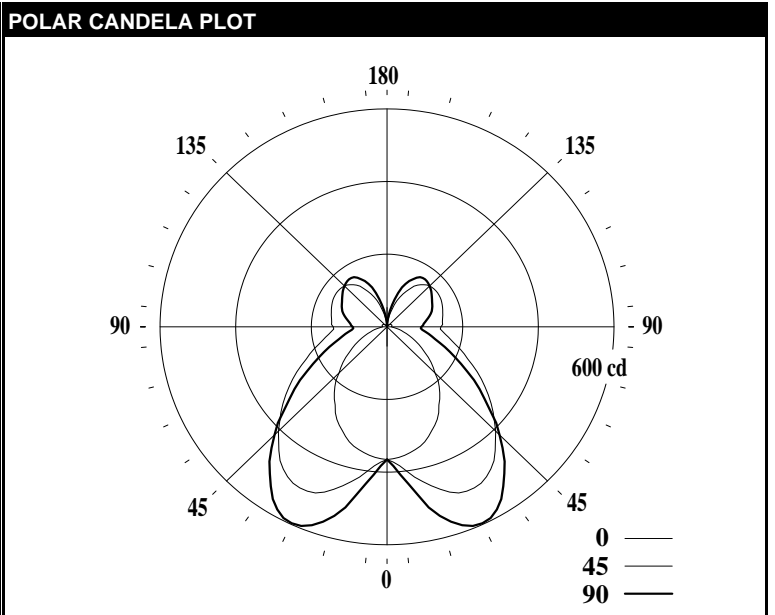


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL84045QN02
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 2FT 4500LM 840
No. of Lamps:	2		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2283 lm 100.0%
Input Watts:	277 VAC 18.0	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 126.8
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-07 T20190206 S07411-L

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	365	365	365	365	365	
5	361	369	384	410	409	38
15	340	382	453	523	539	127
25	299	378	499	572	597	218
35	243	348	478	526	536	272
45	179	295	406	420	421	274
55	121	233	327	309	299	242
65	74	182	250	211	199	194
75	39	148	187	145	132	151
85	17	121	148	109	93	119
90	12	112	143	98	91	
95	11	106	147	95	97	110
105	13	99	152	108	116	112
115	13	97	160	121	132	111
125	12	92	163	131	145	104
135	9	81	159	141	159	90
145	7	65	140	139	165	67
155	6	42	100	115	140	38
165	4	20	49	67	78	13
175	4	6	10	14	18	1
180	4	4	4	4	4	



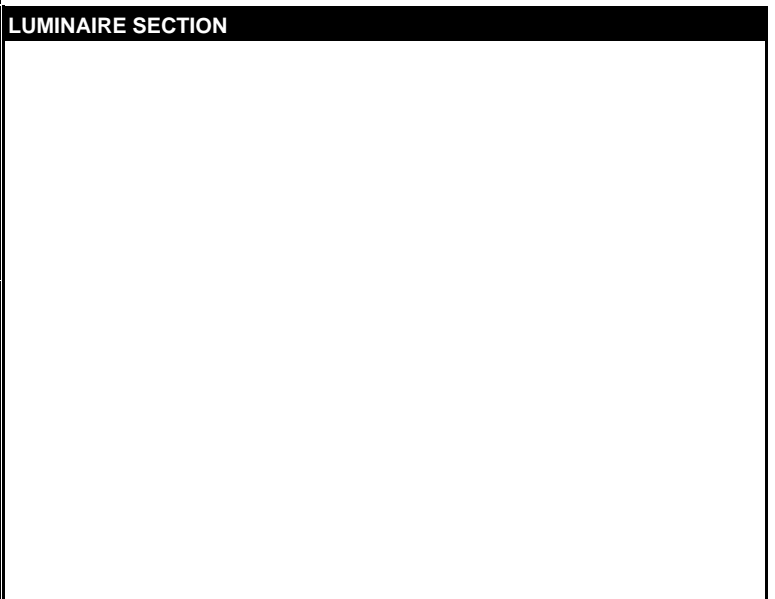
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	365.4	0.0	
Direct: Peak Candela & Angle (90deg)	596.8	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.13	1.83	N/A
Indirect: Peak Candela & Angle	165.1	142.5	
Indirect: Zenith Candela, Peak to Zenith	4.2	39.53	
Luminous Length, Width, Height (ft)	2.01	0.18	0.20
UGR (4H x 8H, 0.25H)			20.8
Ballast Factor, Multiplication Factor	1.000	1.099	
DLC (120/277), DLC (347)	Standard	Standard	
x, y, CCT, Duv	0.3853	0.3831	3918 0.0016
CRI (Ra), R9		81	4
120V: P(W), I(A), THD(%), PF	17.9	0.150	9.3 0.992
277V: P(W), I(A), THD(%), PF	18.0	0.068	13.4 0.956
347V: P(W), I(A), THD(%), PF	18.3	0.055	10.6 0.963

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	383	16.8%	16.8%
0-40	655	28.7%	28.7%
0-60	1171	51.3%	51.3%
0-90	1635	71.6%	71.6%
90-130	438	19.2%	19.2%
90-150	595	26.1%	26.1%
90-180	648	28.4%	28.4%
0-180	2283	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	10868	10868	10868
5	10675	10668	11130
15	10197	11348	12782
25	9367	11707	12899
35	8244	10854	10940
45	6848	9205	8379
55	5513	7622	5990
65	4290	6194	4136
75	3278	5127	2942
85	2632	4677	2327



LEDALITE

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