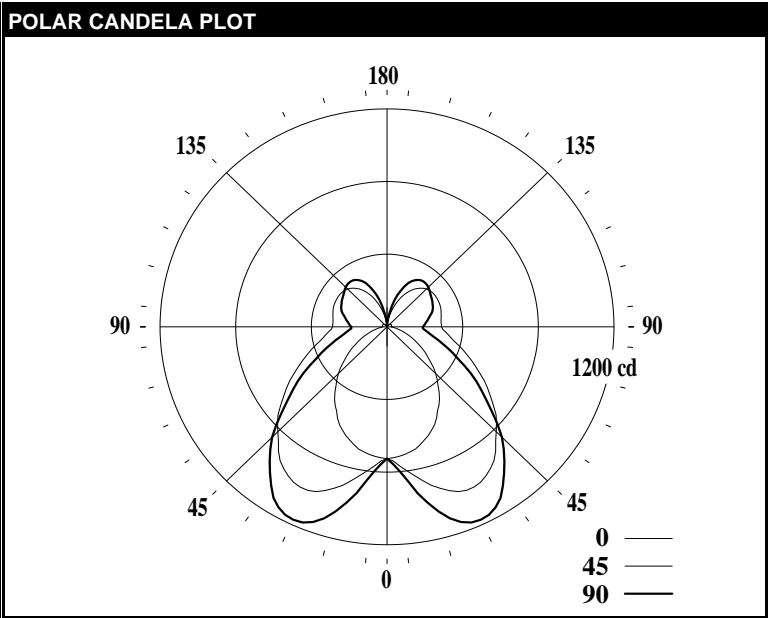


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL84045QN04
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 4FT 4500LM 840
No. of Lamps:	4		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	4588 lm 100.0%
Input Watts:	120 VAC 35.4	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 129.6
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-14 T20190206 S07412-L

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	726	726	726	726	726	
5	716	734	770	806	801	75
15	672	759	904	1027	1052	252
25	595	750	993	1131	1172	432
35	484	695	953	1041	1068	540
45	363	588	816	855	859	553
55	247	463	668	627	610	491
65	146	372	517	440	412	400
75	75	303	392	310	280	313
85	31	249	310	230	201	248
90	23	231	288	207	190	
95	21	220	287	202	203	225
105	25	203	296	228	235	227
115	26	195	306	252	268	223
125	24	185	307	268	285	205
135	18	162	295	282	309	174
145	14	127	255	277	313	129
155	11	83	183	224	266	73
165	8	39	90	132	153	25
175	8	11	17	30	31	3
180	8	8	8	8	8	



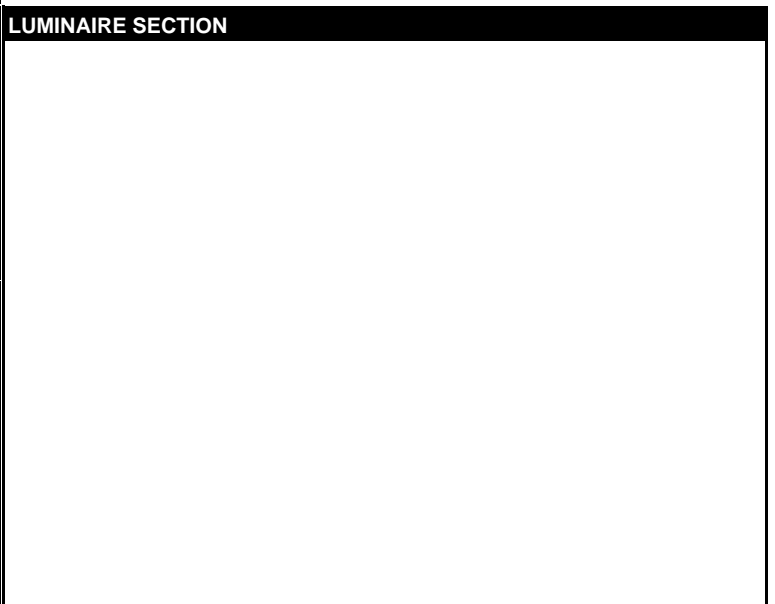
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	725.7		0.0
Direct: Peak Candela & Angle (90deg)	1172.1		25.0
Spacing Criteria (0deg, 90deg, 180deg)	1.12	1.84	N/A
Indirect: Peak Candela & Angle	315.2		142.5
Indirect: Zenith Candela, Peak to Zenith	8.1		38.92
Luminous Length, Width, Height (ft)	3.97	0.18	0.20
UGR (4H x 8H, 0.25H)			21.1
Ballast Factor, Multiplication Factor	1.000		2.250
DLC (120/277), DLC (347)	Premium		Premium
x, y, CCT, Duv	0.3853	0.3831	3918 0.0016
CRI (Ra), R9			81 4
120V: P(W), I(A), THD(%), PF	35.4	0.298	5.0 0.990
277V: P(W), I(A), THD(%), PF	34.8	0.128	10.0 0.980
347V: P(W), I(A), THD(%), PF	34.5	0.100	6.0 0.992

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	759	16.5%	16.5%
0-40	1299	28.3%	28.3%
0-60	2343	51.1%	51.1%
0-90	3305	72.0%	72.0%
90-130	879	19.2%	19.2%
90-150	1182	25.8%	25.8%
90-180	1283	28.0%	28.0%
0-180	4588	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	10926	10926	10926
5	10778	10852	11032
15	10341	11546	12641
25	9657	11934	12827
35	8598	11118	11043
45	7367	9544	8663
55	6045	8068	6186
65	4703	6666	4339
75	3669	5603	3169
85	3380	5157	2537



LEDALITE

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