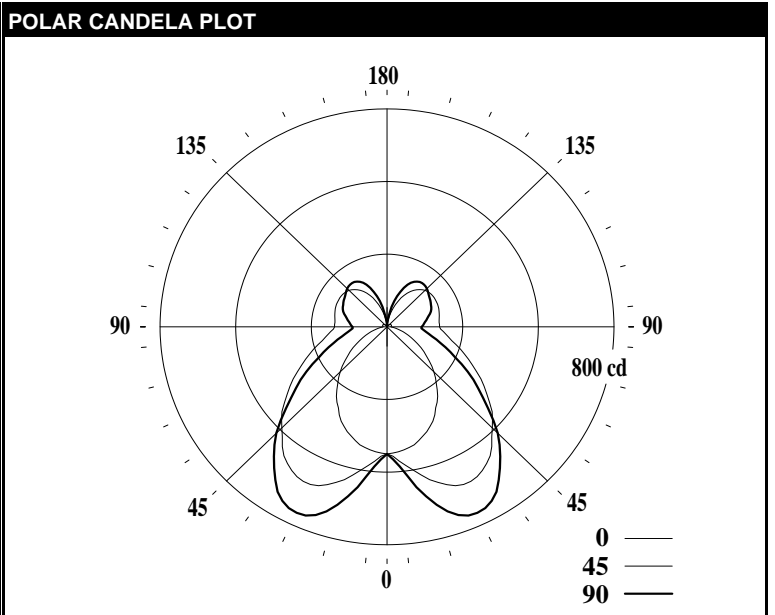


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL83530QN04
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 4FT 3000LM 835
No. of Lamps:	4		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2949 lm 100.0%
Input Watts:	120 VAC 23.5	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 125.5
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-11 T20190203 S07412-B

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	466	466	466	466	466	
5	460	472	495	518	515	48
15	432	488	581	660	676	162
25	382	482	639	727	753	278
35	311	447	612	669	687	347
45	234	378	525	550	552	356
55	159	298	429	403	392	316
65	94	239	332	283	265	257
75	48	195	252	199	180	201
85	20	160	199	148	129	160
90	15	149	185	133	122	
95	14	141	184	130	131	145
105	16	130	190	146	151	146
115	17	126	196	162	172	143
125	15	119	197	172	183	132
135	12	104	190	181	199	112
145	9	82	164	178	201	83
155	7	53	118	144	171	47
165	5	25	58	85	98	16
175	5	7	11	19	20	2
180	5	5	5	5	5	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	466.4	0.0	
Direct: Peak Candela & Angle (90deg)	753.4	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.12	1.84	N/A
Indirect: Peak Candela & Angle	202.6	142.5	
Indirect: Zenith Candela, Peak to Zenith	5.2	38.92	
Luminous Length, Width, Height (ft)	3.97	0.18	0.20
UGR (4H x 8H, 0.25H)			19.6
Ballast Factor, Multiplication Factor	1.000	1.446	
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	23.5	0.198	7.0 0.990
277V: P(W), I(A), THD(%), PF	23.3	0.088	13.0 0.960
347V: P(W), I(A), THD(%), PF	22.8	0.067	8.8 0.983

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	488	16.5%	16.5%
0-40	835	28.3%	28.3%
0-60	1506	51.1%	51.1%
0-90	2125	72.0%	72.0%
90-130	565	19.2%	19.2%
90-150	760	25.8%	25.8%
90-180	825	28.0%	28.0%
0-180	2949	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	7023	7023	7023
5	6928	6975	7091
15	6647	7421	8125
25	6207	7671	8245
35	5526	7146	7098
45	4735	6135	5568
55	3886	5186	3976
65	3023	4285	2789
75	2358	3602	2037
85	2172	3315	1631

LUMINAIRE SECTION	



LEDALITE

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