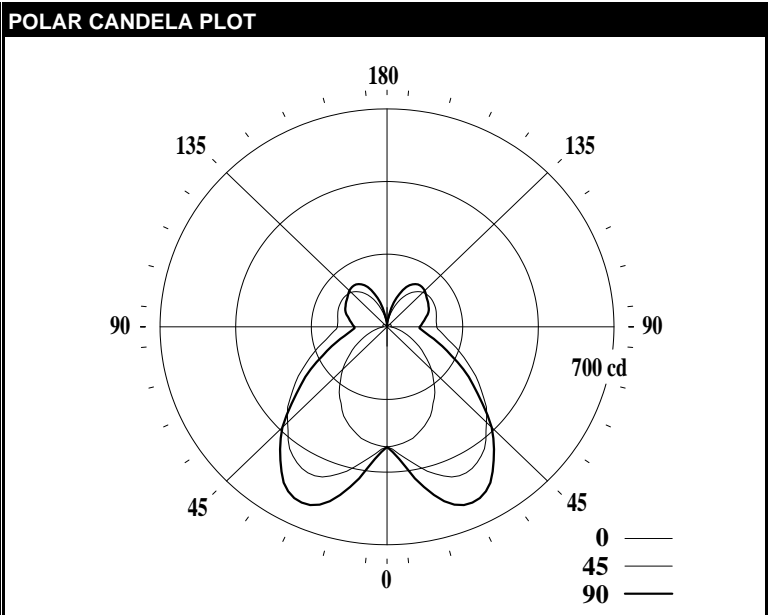


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL83025QN04
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 4FT 2500LM 830
No. of Lamps:	4		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2438 lm 100.0%
Input Watts:	277 VAC 19.3	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 126.3
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-10 T20190229 S07412-3

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	386	386	386	386	386	
5	381	390	409	428	426	40
15	357	403	480	546	559	134
25	316	398	528	601	623	229
35	257	369	506	553	568	287
45	193	313	434	454	456	294
55	131	246	355	333	324	261
65	78	198	275	234	219	213
75	40	161	208	165	149	167
85	16	132	165	122	107	132
90	12	123	153	110	101	
95	11	117	153	107	108	120
105	13	108	157	121	125	121
115	14	104	162	134	142	118
125	13	98	163	142	152	109
135	10	86	157	150	164	93
145	7	68	135	147	166	68
155	6	44	97	119	141	39
165	4	21	48	70	81	13
175	4	6	9	16	16	1
180	4	4	4	4	4	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	385.6		0.0
Direct: Peak Candela & Angle (90deg)	622.8		25.0
Spacing Criteria (0deg, 90deg, 180deg)	1.12	1.84	N/A
Indirect: Peak Candela & Angle	167.5		142.5
Indirect: Zenith Candela, Peak to Zenith		4.3	38.92
Luminous Length, Width, Height (ft)	3.97	0.18	0.20
UGR (4H x 8H, 0.25H)			18.9
Ballast Factor, Multiplication Factor		1.000	1.196
DLC (120/277), DLC (347)		Standard	Standard
x, y, CCT, Duv	0.4348	0.4010	3010 -0.0010
CRI (Ra), R9			83 10
120V: P(W), I(A), THD(%), PF	19.2	0.162	9.0 0.990
277V: P(W), I(A), THD(%), PF	19.3	0.073	17.6 0.950
347V: P(W), I(A), THD(%), PF	19.7	0.059	10.3 0.967

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	403	16.5%	16.5%
0-40	690	28.3%	28.3%
0-60	1245	51.1%	51.1%
0-90	1756	72.0%	72.0%
90-130	467	19.2%	19.2%
90-150	628	25.8%	25.8%
90-180	682	28.0%	28.0%
0-180	2438	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	5806	5806	5806
5	5727	5767	5862
15	5495	6135	6718
25	5132	6342	6816
35	4569	5908	5868
45	3915	5072	4604
55	3212	4287	3287
65	2499	3542	2306
75	1950	2977	1684
85	1796	2740	1348

LUMINAIRE SECTION	



LEDALITE

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