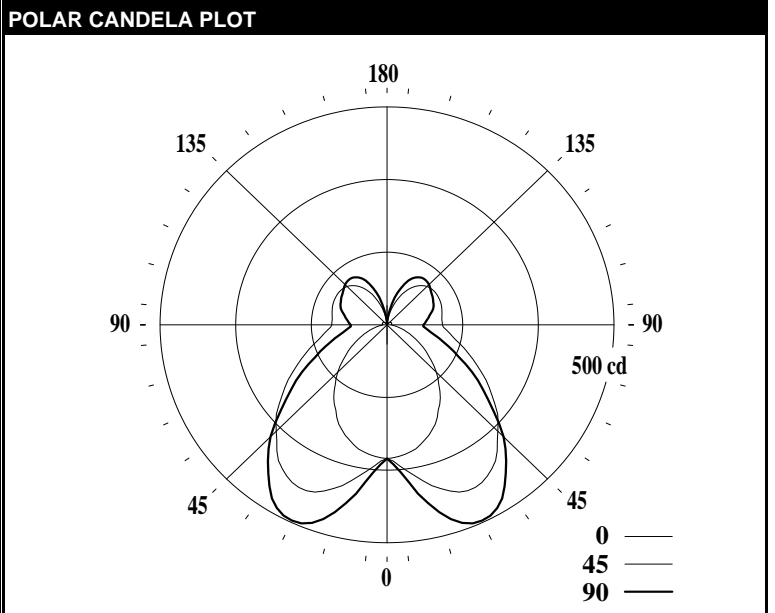


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL83020QN04
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 4FT 2000LM 830
No. of Lamps:	4		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	1940 lm 100.0%
Input Watts:	277 VAC 15.7	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 123.6
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-09 T20190229 S07412-2

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	307	307	307	307	307	
5	303	310	325	341	339	32
15	284	321	382	434	445	107
25	252	317	420	478	496	183
35	205	294	403	440	452	228
45	154	249	345	362	363	234
55	104	196	282	265	258	208
65	62	157	218	186	174	169
75	32	128	166	131	119	133
85	13	105	131	97	85	105
90	10	98	122	87	80	
95	9	93	121	85	86	95
105	11	86	125	96	100	96
115	11	83	129	106	113	94
125	10	78	130	113	121	87
135	8	69	125	119	131	74
145	6	54	108	117	132	54
155	5	35	77	95	113	31
165	3	17	38	56	65	11
175	4	5	7	13	13	1
180	3	3	3	3	3	



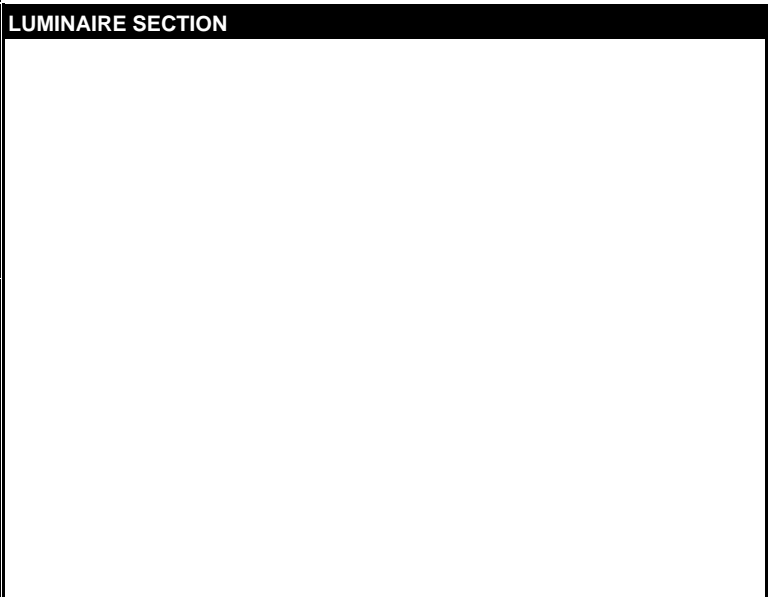
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	306.8		0.0
Direct: Peak Candela & Angle (90deg)	495.6		25.0
Spacing Criteria (0deg, 90deg, 180deg)	1.12	1.84	N/A
Indirect: Peak Candela & Angle	133.3		142.5
Indirect: Zenith Candela, Peak to Zenith		3.4	38.92
Luminous Length, Width, Height (ft)	3.97	0.18	0.20
UGR (4H x 8H, 0.25H)			18.1
Ballast Factor, Multiplication Factor	1.000		0.951
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	15.5	0.130	12.0 0.990
277V: P(W), I(A), THD(%), PF	15.7	0.061	17.6 0.930
347V: P(W), I(A), THD(%), PF	16.0	0.048	11.5 0.954

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	321	16.5%	16.5%
0-40	549	28.3%	28.3%
0-60	991	51.1%	51.1%
0-90	1398	72.0%	72.0%
90-130	372	19.2%	19.2%
90-150	500	25.8%	25.8%
90-180	542	28.0%	28.0%
0-180	1940	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	4620	4620	4620
5	4557	4588	4665
15	4372	4882	5345
25	4083	5046	5424
35	3635	4701	4669
45	3115	4036	3663
55	2556	3411	2616
65	1988	2819	1835
75	1551	2369	1340
85	1429	2180	1073



LEDALITE

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