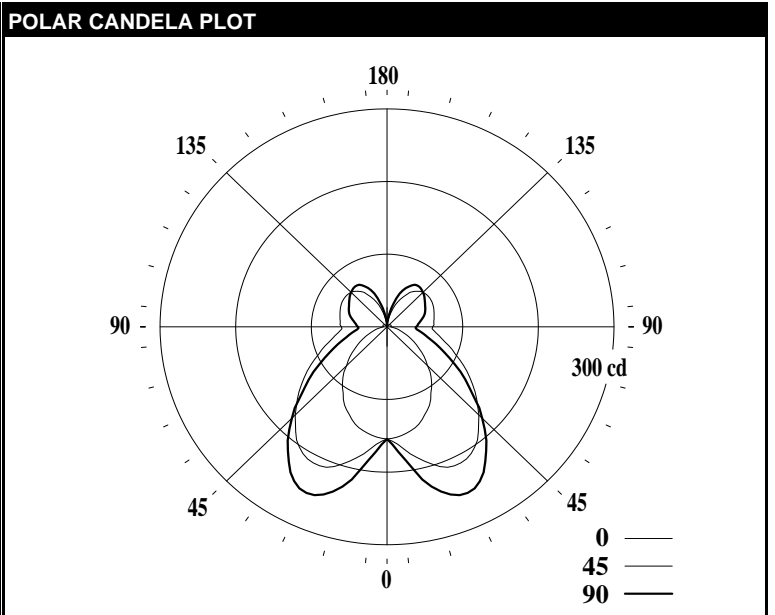


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL83020QN02
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 2FT 2000LM 830
No. of Lamps:	2		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	965 lm 100.0%
Input Watts:	277 VAC 9.3	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 103.8
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-02 T20190229 S07411-2

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	154	154	154	154	154	
5	152	156	162	173	173	16
15	144	161	192	221	228	54
25	126	160	211	242	252	92
35	103	147	202	222	226	115
45	76	125	172	178	178	116
55	51	99	138	131	126	102
65	31	77	106	89	84	82
75	17	62	79	61	56	64
85	7	51	63	46	40	51
90	5	47	60	41	39	
95	5	45	62	40	41	47
105	6	42	64	46	49	47
115	6	41	68	51	56	47
125	5	39	69	56	61	44
135	4	34	67	59	67	38
145	3	27	59	59	70	28
155	3	18	42	49	59	16
165	2	8	21	28	33	6
175	2	3	4	6	7	1
180	2	2	2	2	2	



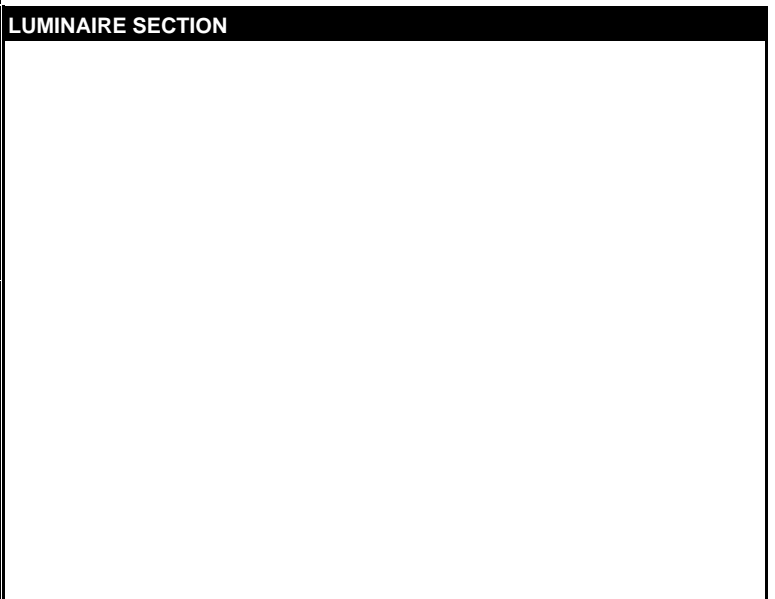
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	154.4	0.0	
Direct: Peak Candela & Angle (90deg)	252.2	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.13	1.83	N/A
Indirect: Peak Candela & Angle	69.8	142.5	
Indirect: Zenith Candela, Peak to Zenith	1.8	39.53	
Luminous Length, Width, Height (ft)	2.01	0.18	0.20
UGR (4H x 8H, 0.25H)			17.8
Ballast Factor, Multiplication Factor	1.000	0.465	
DLC (120/277), DLC (347)	N/A	N/A	
x, y, CCT, Duv	0.4348	0.4010	3010 -0.0010
CRI (Ra), R9		83	10
120V: P(W), I(A), THD(%), PF	8.9	0.076	17.0 0.970
277V: P(W), I(A), THD(%), PF	9.3	0.040	34.0 0.830
347V: P(W), I(A), THD(%), PF	9.3	0.030	15.0 0.896

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	162	16.8%	16.8%
0-40	277	28.7%	28.7%
0-60	495	51.3%	51.3%
0-90	691	71.6%	71.6%
90-130	185	19.2%	19.2%
90-150	251	26.1%	26.1%
90-180	274	28.4%	28.4%
0-180	965	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	4593	4593	4593
5	4512	4509	4704
15	4310	4796	5402
25	3959	4948	5452
35	3484	4588	4624
45	2894	3890	3542
55	2330	3222	2532
65	1813	2618	1748
75	1386	2167	1243
85	1112	1977	983



LEDALITE

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