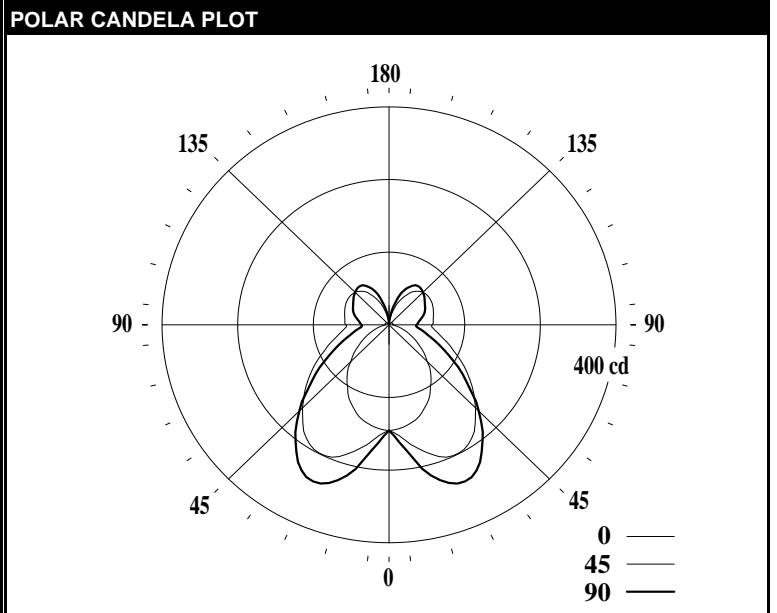


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL83025QN02
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 2FT 2500LM 830
No. of Lamps:	2		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	1213 lm 100.0%
Input Watts:	277 VAC 10.9	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 111.3
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-03 T20190229 S07411-3

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	194	194	194	194	194	
5	192	196	204	218	217	20
15	181	203	241	278	286	68
25	159	201	265	304	317	116
35	129	185	254	280	285	144
45	95	157	216	223	224	146
55	65	124	174	164	159	128
65	39	97	133	112	106	103
75	21	78	99	77	70	80
85	9	65	79	58	50	64
90	6	60	76	52	48	
95	6	57	78	50	52	59
105	7	52	81	58	62	60
115	7	51	85	64	70	59
125	6	49	87	70	77	55
135	5	43	85	75	84	48
145	4	34	74	74	87	36
155	3	23	53	61	74	20
165	2	11	26	35	42	7
175	2	3	5	7	9	1
180	2	2	2	2	2	



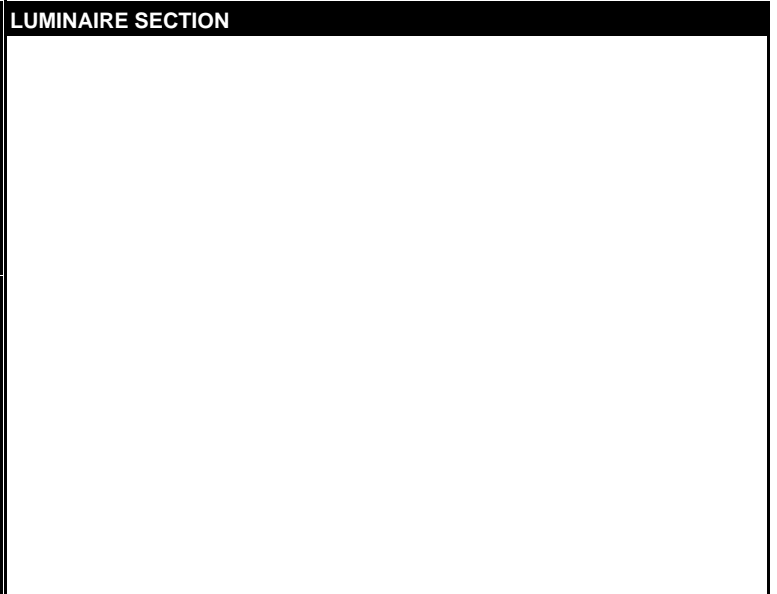
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	194.1	0.0	
Direct: Peak Candela & Angle (90deg)	317.1	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.13	1.83	N/A
Indirect: Peak Candela & Angle	87.7	142.5	
Indirect: Zenith Candela, Peak to Zenith	2.2	39.53	
Luminous Length, Width, Height (ft)	2.01	0.18	0.20
UGR (4H x 8H, 0.25H)			18.6
Ballast Factor, Multiplication Factor	1.000	0.584	
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	10.6	0.090	14.5 0.984
277V: P(W), I(A), THD(%), PF	10.9	0.044	19.5 0.902
347V: P(W), I(A), THD(%), PF	11.1	0.035	13.8 0.921

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	204	16.8%	16.8%
0-40	348	28.7%	28.7%
0-60	622	51.3%	51.3%
0-90	869	71.6%	71.6%
90-130	233	19.2%	19.2%
90-150	316	26.1%	26.1%
90-180	344	28.4%	28.4%
0-180	1213	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	5774	5774	5774
5	5672	5668	5913
15	5418	6029	6791
25	4977	6220	6853
35	4380	5767	5812
45	3638	4890	4452
55	2929	4050	3182
65	2279	3291	2197
75	1742	2724	1563
85	1398	2485	1236



LEDALITE

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