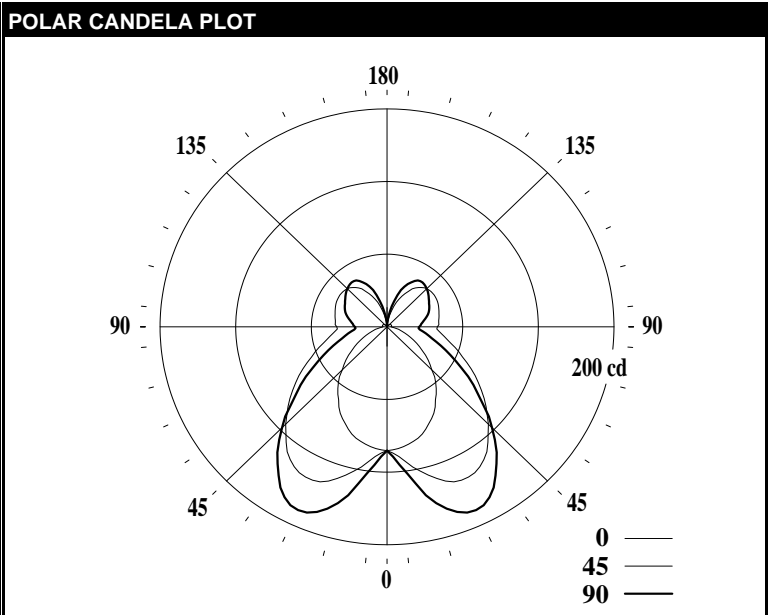


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL83015QN02
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 2FT 1500LM 830
No. of Lamps:	2		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	710 lm 100.0%
Input Watts:	277 VAC 7.6	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 93.4
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-01 T20190229 S07411-1

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	114	114	114	114	114	
5	112	115	120	128	127	12
15	106	119	141	163	168	40
25	93	118	155	178	186	68
35	76	108	149	164	167	85
45	56	92	126	131	131	85
55	38	73	102	96	93	75
65	23	57	78	66	62	60
75	12	46	58	45	41	47
85	5	38	46	34	29	37
90	4	35	44	31	28	
95	4	33	46	30	30	34
105	4	31	47	34	36	35
115	4	30	50	38	41	35
125	4	29	51	41	45	32
135	3	25	50	44	49	28
145	2	20	44	43	51	21
155	2	13	31	36	43	12
165	1	6	15	21	24	4
175	1	2	3	4	6	1
180	1	1	1	1	1	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	113.6	0.0	
Direct: Peak Candela & Angle (90deg)	185.6	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.13	1.83	N/A
Indirect: Peak Candela & Angle	51.3	142.5	
Indirect: Zenith Candela, Peak to Zenith	1.3	39.53	
Luminous Length, Width, Height (ft)	2.01	0.18	0.20
UGR (4H x 8H, 0.25H)	16.8		
Ballast Factor, Multiplication Factor	1.000	0.342	
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	7.1	0.062	22.0 0.950
277V: P(W), I(A), THD(%), PF	7.6	0.035	40.0 0.780
347V: P(W), I(A), THD(%), PF	7.6	0.026	17.0 0.856

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	119	16.8%	16.8%
0-40	204	28.7%	28.7%
0-60	364	51.3%	51.3%
0-90	509	71.6%	71.6%
90-130	136	19.2%	19.2%
90-150	185	26.1%	26.1%
90-180	202	28.4%	28.4%
0-180	710	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	3380	3380	3380
5	3320	3318	3461
15	3172	3529	3975
25	2913	3641	4012
35	2564	3376	3402
45	2130	2863	2606
55	1715	2371	1863
65	1334	1926	1286
75	1020	1595	915
85	819	1455	724

LUMINAIRE SECTION	



LEDALITE

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