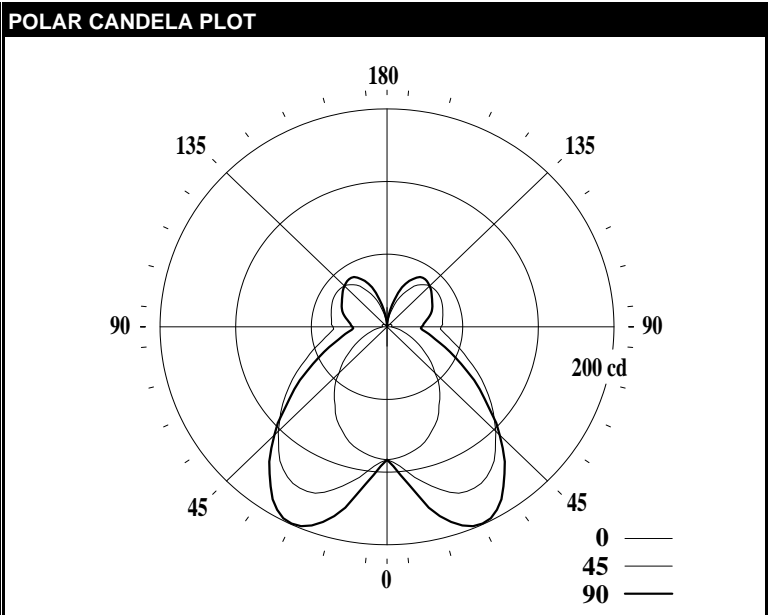


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL84015QN02
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 2FT 1500LM 840
No. of Lamps:	2		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	762 lm 100.0%
Input Watts:	277 VAC 7.6	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 100.3
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-01 T20190206 S07411-F


CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	122	122	122	122	122	
5	120	123	128	137	137	13
15	114	128	151	175	180	43
25	100	126	167	191	199	73
35	81	116	160	176	179	91
45	60	99	136	140	140	92
55	41	78	109	103	100	81
65	25	61	83	70	66	65
75	13	49	63	49	44	50
85	6	41	49	36	31	40
90	4	37	48	33	30	
95	4	36	49	32	32	37
105	4	33	51	36	39	37
115	4	32	53	40	44	37
125	4	31	55	44	48	35
135	3	27	53	47	53	30
145	2	22	47	47	55	22
155	2	14	33	39	47	13
165	1	7	16	22	26	4
175	1	2	3	5	6	1
180	1	1	1	1	1	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	122.0	0.0	
Direct: Peak Candela & Angle (90deg)	199.2	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.13	1.83	N/A
Indirect: Peak Candela & Angle	55.1	142.5	
Indirect: Zenith Candela, Peak to Zenith	1.4	39.53	
Luminous Length, Width, Height (ft)	2.01	0.18	0.20
UGR (4H x 8H, 0.25H)	17.0		
Ballast Factor, Multiplication Factor	1.000	0.367	
DLC (120/277), DLC (347)	N/A	N/A	
x, y, CCT, Duv	0.3853	0.3831	3918 0.0016
CRI (Ra), R9	81	4	
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



LEDALITE

Ledalite
19750 - 92A Avenue
Langley, BC
CANADA V1M 3B2
Phone: 604-888-6811
Fax: 800-665-5332
604-888-2003

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	128	16.8%	16.8%
0-40	219	28.7%	28.7%
0-60	391	51.3%	51.3%
0-90	546	71.6%	71.6%
90-130	146	19.2%	19.2%
90-150	199	26.1%	26.1%
90-180	216	28.4%	28.4%
0-180	762	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	3627	3627	3627
5	3563	3560	3715
15	3403	3788	4266
25	3126	3907	4305
35	2751	3623	3651
45	2286	3072	2797
55	1840	2544	1999
65	1432	2067	1380
75	1094	1711	982
85	878	1561	777

LUMINAIRE SECTION