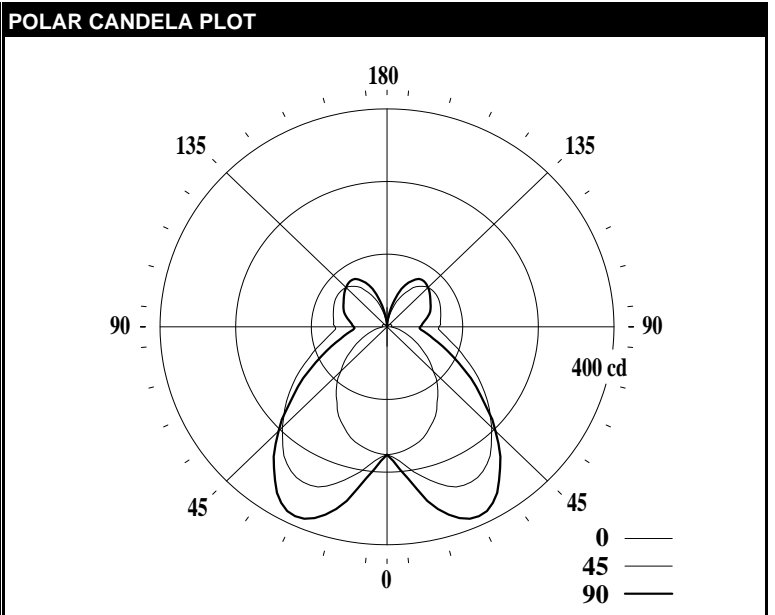


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL83530QN02
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 2FT 3000LM 835
No. of Lamps:	2		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	1467 lm 100.0%
Input Watts:	277 VAC 12.5	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 117.4
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-04 T20190203 S07411-B

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	235	235	235	235	235	
5	232	237	247	264	263	24
15	219	245	291	336	346	82
25	192	243	321	368	384	140
35	156	223	307	338	344	175
45	115	190	261	270	270	176
55	78	150	210	199	192	155
65	48	117	160	135	128	125
75	25	95	120	93	85	97
85	11	78	95	70	60	77
90	8	72	92	63	59	
95	7	68	94	61	62	71
105	9	63	98	70	75	72
115	9	62	103	78	85	72
125	8	59	105	84	93	67
135	6	52	102	90	102	58
145	5	42	90	90	106	43
155	4	27	64	74	90	25
165	3	13	31	43	50	9
175	3	4	6	9	11	1
180	3	3	3	3	3	



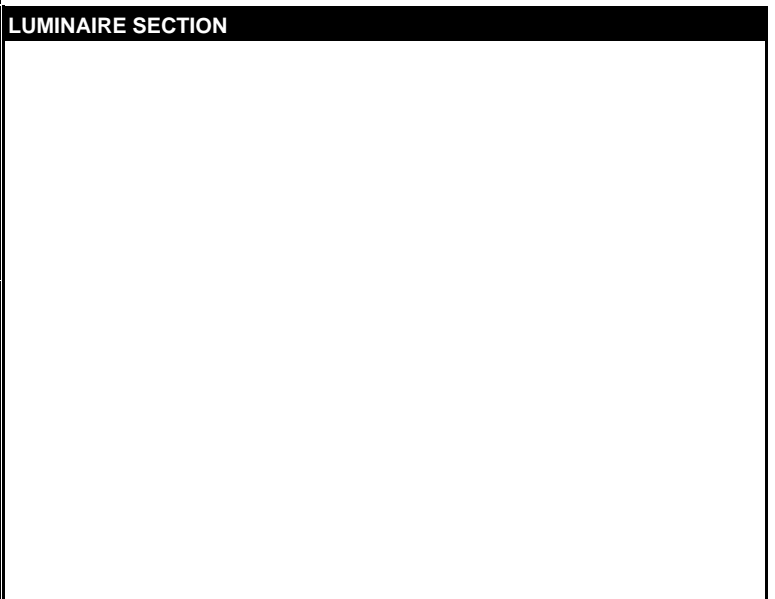
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	234.8		0.0
Direct: Peak Candela & Angle (90deg)	383.5		25.0
Spacing Criteria (0deg, 90deg, 180deg)	1.13	1.83	N/A
Indirect: Peak Candela & Angle	106.1		142.5
Indirect: Zenith Candela, Peak to Zenith		2.7	39.53
Luminous Length, Width, Height (ft)	2.01	0.18	0.20
UGR (4H x 8H, 0.25H)			19.2
Ballast Factor, Multiplication Factor		1.000	0.706
DLC (120/277), DLC (347)		Standard	Standard
x, y, CCT, Duv	0.4093	0.3910	3417 -0.0007
CRI (Ra), R9			84 11
120V: P(W), I(A), THD(%), PF	12.2	0.103	13.1 0.985
277V: P(W), I(A), THD(%), PF	12.5	0.049	17.6 0.922
347V: P(W), I(A), THD(%), PF	12.7	0.039	13.0 0.936

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	246	16.8%	16.8%
0-40	421	28.7%	28.7%
0-60	752	51.3%	51.3%
0-90	1051	71.6%	71.6%
90-130	281	19.2%	19.2%
90-150	382	26.1%	26.1%
90-180	416	28.4%	28.4%
0-180	1467	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	6983	6983	6983
5	6860	6855	7152
15	6553	7292	8213
25	6019	7523	8289
35	5297	6975	7030
45	4401	5915	5384
55	3543	4898	3849
65	2756	3980	2658
75	2107	3294	1890
85	1691	3005	1495



LEDALITE

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