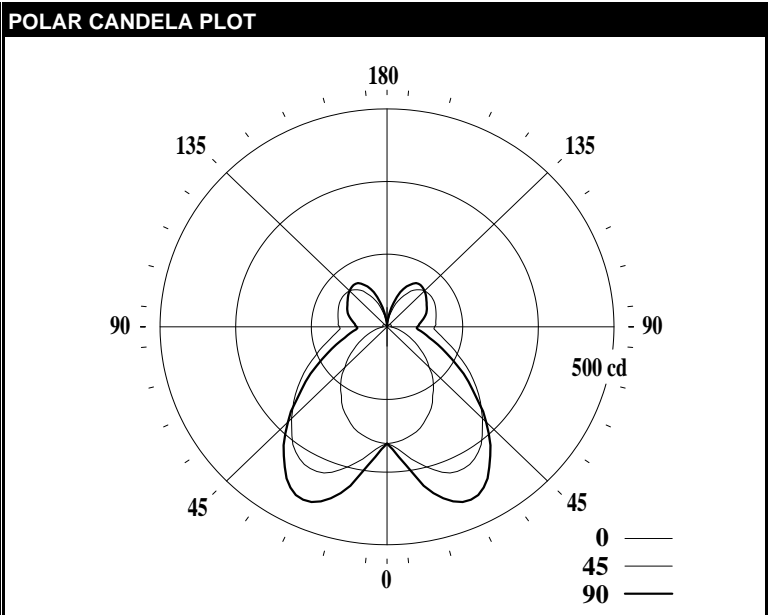


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL83035QN02
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 2FT 3500LM 830
No. of Lamps:	2		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	1674 lm 100.0%
Input Watts:	277 VAC 14.5	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 115.4
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-05 T20190229 S07411-5

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	268	268	268	268	268	
5	265	271	282	301	300	28
15	249	280	332	383	395	93
25	219	277	366	420	438	160
35	178	255	351	386	393	199
45	131	217	298	308	308	201
55	89	171	240	227	219	177
65	54	133	183	154	146	142
75	29	108	137	106	97	111
85	12	89	108	80	69	88
90	9	82	105	72	67	
95	8	78	108	70	71	81
105	10	72	112	80	85	82
115	10	71	117	89	97	82
125	9	67	120	96	106	76
135	7	60	117	103	117	66
145	5	47	103	102	121	49
155	4	31	73	85	102	28
165	3	14	36	49	58	10
175	3	5	7	10	13	1
180	3	3	3	3	3	



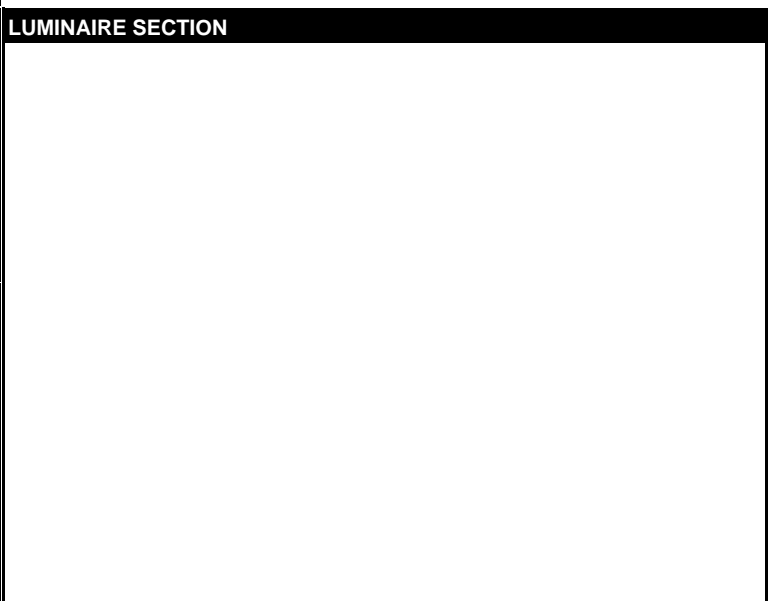
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	267.9	0.0	
Direct: Peak Candela & Angle (90deg)	437.5	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.13	1.83	N/A
Indirect: Peak Candela & Angle	121.0	142.5	
Indirect: Zenith Candela, Peak to Zenith	3.1	39.53	
Luminous Length, Width, Height (ft)	2.01	0.18	0.20
UGR (4H x 8H, 0.25H)			19.7
Ballast Factor, Multiplication Factor	1.000	0.806	
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	14.3	0.121	11.6 0.988
277V: P(W), I(A), THD(%), PF	14.5	0.056	16.0 0.937
347V: P(W), I(A), THD(%), PF	14.6	0.044	12.0 0.948

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	281	16.8%	16.8%
0-40	480	28.7%	28.7%
0-60	858	51.3%	51.3%
0-90	1199	71.6%	71.6%
90-130	321	19.2%	19.2%
90-150	436	26.1%	26.1%
90-180	475	28.4%	28.4%
0-180	1674	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	7968	7968	7968
5	7827	7822	8160
15	7477	8321	9372
25	6868	8584	9458
35	6044	7959	8021
45	5021	6749	6144
55	4042	5589	4392
65	3145	4541	3032
75	2404	3759	2157
85	1930	3429	1706



LEDALITE

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