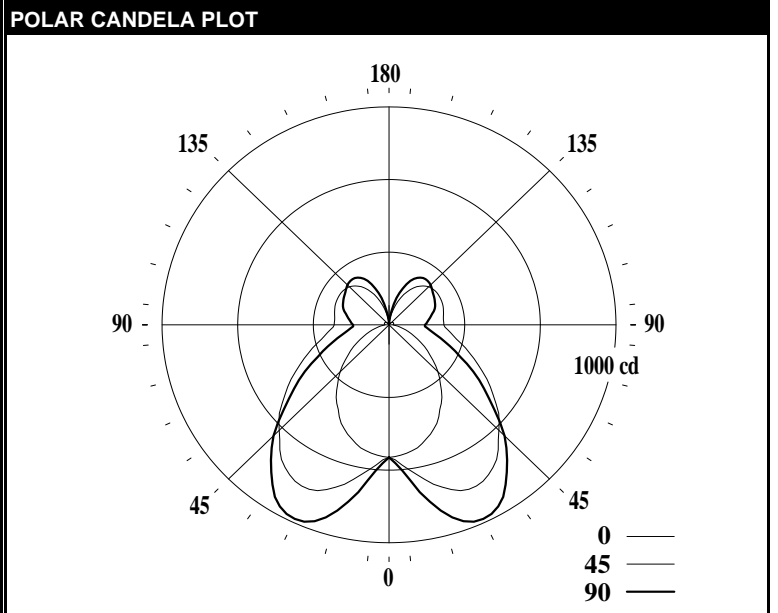


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL83040QN04
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 4FT 4000LM 830
No. of Lamps:	4		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3846 lm 100.0%
Input Watts:	120 VAC 31.4	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 122.5
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-13 T20190229 S07412-6

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	608	608	608	608	608	
5	600	615	645	676	671	63
15	564	636	758	861	882	211
25	499	628	833	948	983	362
35	406	582	799	873	895	453
45	305	493	684	717	720	464
55	207	388	560	526	511	412
65	123	312	433	369	345	336
75	63	254	328	260	235	263
85	26	209	260	192	169	208
90	19	194	241	173	159	
95	18	184	241	169	170	189
105	21	170	248	191	197	190
115	22	164	256	211	224	187
125	20	155	258	225	239	172
135	15	136	247	237	259	146
145	11	107	214	232	262	108
155	9	69	154	188	223	61
165	7	33	75	111	128	21
175	7	9	14	25	26	2
180	7	7	7	7	7	



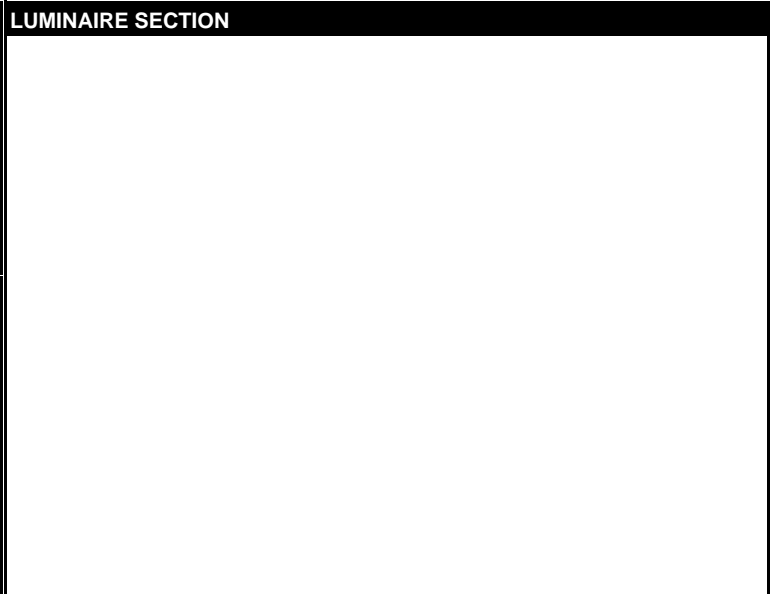
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	608.3	0.0	
Direct: Peak Candela & Angle (90deg)	982.5	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.12	1.84	N/A
Indirect: Peak Candela & Angle	264.3	142.5	
Indirect: Zenith Candela, Peak to Zenith	6.8	38.92	
Luminous Length, Width, Height (ft)	3.97	0.18	0.20
UGR (4H x 8H, 0.25H)			20.5
Ballast Factor, Multiplication Factor	1.000	1.886	
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	31.4	0.264	5.0 0.990
277V: P(W), I(A), THD(%), PF	30.9	0.115	11.0 0.970
347V: P(W), I(A), THD(%), PF	30.6	0.089	6.8 0.989

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	107	107	107	96	96	96	72	
	1	101	95	90	86	95	90	86	81	77	74	56	
	2	91	82	75	69	86	78	71	70	65	60	46	
	3	83	72	63	57	78	68	60	61	55	50	38	
	4	75	63	54	48	71	60	52	54	47	42	32	
	5	69	56	47	41	65	53	45	48	41	36	27	
	6	64	50	41	35	60	48	40	43	36	31	24	
	7	59	45	37	31	55	43	35	39	32	27	21	
	8	55	41	33	27	51	39	31	36	29	24	19	
	9	51	38	29	24	48	36	28	33	26	22	17	
	10	47	34	27	22	45	33	26	30	24	19	15	

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	636	16.5%	16.5%
0-40	1089	28.3%	28.3%
0-60	1964	51.1%	51.1%
0-90	2771	72.0%	72.0%
90-130	737	19.2%	19.2%
90-150	991	25.8%	25.8%
90-180	1075	28.0%	28.0%
0-180	3846	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	9159	9159	9159
5	9035	9097	9248
15	8669	9678	10597
25	8095	10004	10753
35	7207	9320	9257
45	6176	8001	7262
55	5067	6763	5185
65	3942	5588	3637
75	3076	4697	2657
85	2833	4323	2126



LEDALITE

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