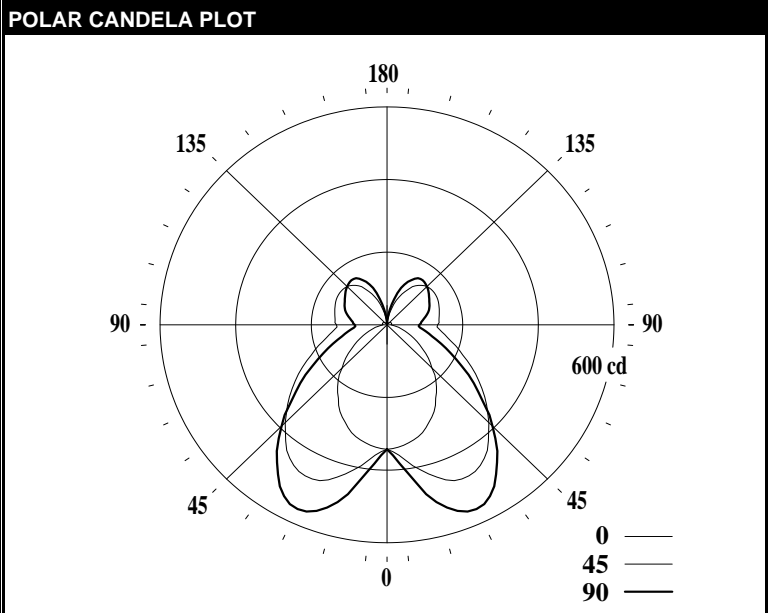


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL83045QN02
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 2FT 4500LM 830
No. of Lamps:	2		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2141 lm 100.0%
Input Watts:	277 VAC 18.0	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 118.9
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-07 T20190229 S07411-7

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	343	343	343	343	343	
5	338	346	360	385	384	36
15	319	358	425	490	505	120
25	280	354	468	537	560	205
35	228	326	448	494	502	255
45	168	277	381	394	394	257
55	114	219	306	290	280	227
65	69	170	234	198	186	182
75	37	138	176	136	124	142
85	16	114	139	102	88	112
90	11	105	134	92	85	
95	11	100	138	89	91	104
105	13	92	143	102	109	105
115	12	91	150	113	124	104
125	11	86	153	123	136	98
135	8	76	149	132	149	84
145	7	61	131	131	154	63
155	6	40	94	108	131	36
165	4	18	46	63	74	12
175	4	6	9	13	17	1
180	4	4	4	4	4	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	342.7	0.0	
Direct: Peak Candela & Angle (90deg)	559.6	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.13	1.83	N/A
Indirect: Peak Candela & Angle	154.8	142.5	
Indirect: Zenith Candela, Peak to Zenith	3.9	39.53	
Luminous Length, Width, Height (ft)	2.01	0.18	0.20
UGR (4H x 8H, 0.25H)			20.6
Ballast Factor, Multiplication Factor	1.000	1.031	
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	17.9	0.150	9.3 0.992
277V: P(W), I(A), THD(%), PF	18.0	0.068	13.4 0.956
347V: P(W), I(A), THD(%), PF	18.3	0.055	10.6 0.963

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	360	16.8%	16.8%
0-40	614	28.7%	28.7%
0-60	1098	51.3%	51.3%
0-90	1533	71.6%	71.6%
90-130	411	19.2%	19.2%
90-150	558	26.1%	26.1%
90-180	608	28.4%	28.4%
0-180	2141	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	10191	10191	10191
5	10011	10004	10437
15	9563	10642	11986
25	8784	10978	12096
35	7731	10179	10259
45	6422	8632	7858
55	5170	7148	5617
65	4023	5808	3878
75	3074	4808	2759
85	2468	4386	2182

LUMINAIRE SECTION	