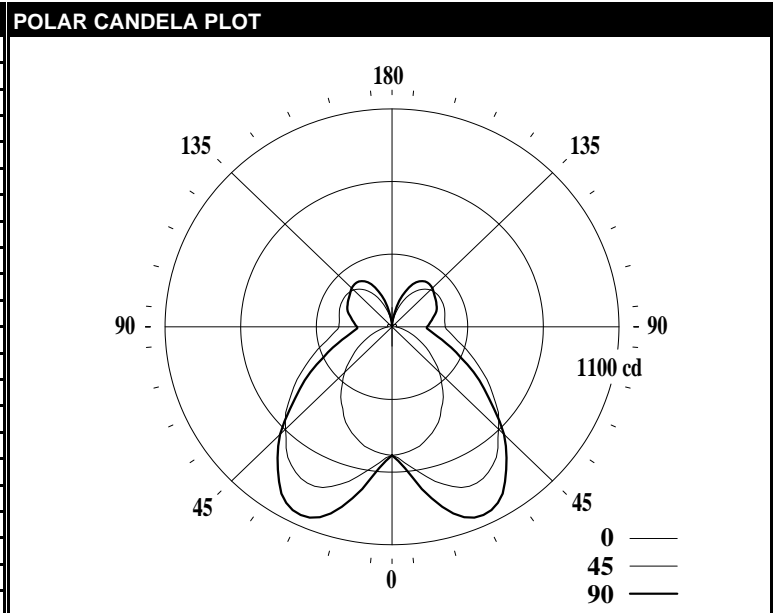


# LEDALITE - MODIFLY

<b>TEST DATE:</b>	09 Apr 2019		<b>CATALOG NO:</b>	MFxSL84040QN04		
<b>Lamp Type:</b>	LED		<b>Description:</b>	MODIFLY SUSPENDED 4FT 4000LM 840		
<b>No. of Lamps:</b>	4		<b>Flux (lm), Efficiency (%):</b>	4101 lm	100.0%	
<b>Rated Lamp Lumens:</b>	-1		<b>Up/Dn Ratio, Efficacy (lm/W):</b>	28% Up / 72% Dn		130.6
<b>Input Watts:</b>	120 VAC	31.4	<b>Report (Ele, Col, Photo):</b>	MF-EI-13	T20190206	S07412-K
<b>CIE-IES Classification:</b>	Semi-Direct					


CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	649	649	649	649	649	
5	640	656	688	720	716	67
15	601	678	808	918	941	225
25	532	670	888	1011	1048	386
35	433	621	852	931	955	483
45	325	526	730	764	768	494
55	221	414	597	560	545	439
65	131	333	462	394	368	358
75	67	271	350	277	251	280
85	28	223	277	205	180	222
90	20	207	257	185	169	
95	19	196	256	181	182	201
105	22	181	265	204	210	203
115	23	175	273	225	239	199
125	21	165	275	239	255	183
135	16	145	264	252	277	156
145	12	114	228	247	280	115
155	10	74	164	200	238	65
165	7	35	81	118	137	22
175	7	10	15	26	27	2
180	7	7	7	7	7	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	648.6		0.0
Direct: Peak Candela & Angle (90deg)	1047.7		25.0
Spacing Criteria (0deg, 90deg, 180deg)	1.12	1.84	N/A
Indirect: Peak Candela & Angle	281.8		142.5
Indirect: Zenith Candela, Peak to Zenith	7.2		38.92
Luminous Length, Width, Height (ft)	3.97	0.18	0.20
UGR (4H x 8H, 0.25H)			20.7
Ballast Factor, Multiplication Factor	1.000		2.011
DLC (120/277), DLC (347)	Premium		Premium
x, y, CCT, Duv	0.3853	0.3831	3918 0.0016
CRI (Ra), R9			81 4
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		
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



**LEDALITE**

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 19750 - 92A Avenue  
 Langley, BC  
 CANADA V1M 3B2  
 Phone: 604-888-6811  
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 604-888-2003

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	678	16.5%	16.5%
0-40	1161	28.3%	28.3%
0-60	2095	51.1%	51.1%
0-90	2954	72.0%	72.0%
90-130	786	19.2%	19.2%
90-150	1057	25.8%	25.8%
90-180	1147	28.0%	28.0%
0-180	4101	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	9767	9767	9767
5	9634	9700	9861
15	9244	10320	11300
25	8632	10668	11466
35	7685	9938	9871
45	6585	8532	7744
55	5403	7212	5529
65	4204	5959	3879
75	3280	5008	2833
85	3021	4610	2267

### LUMINAIRE SECTION