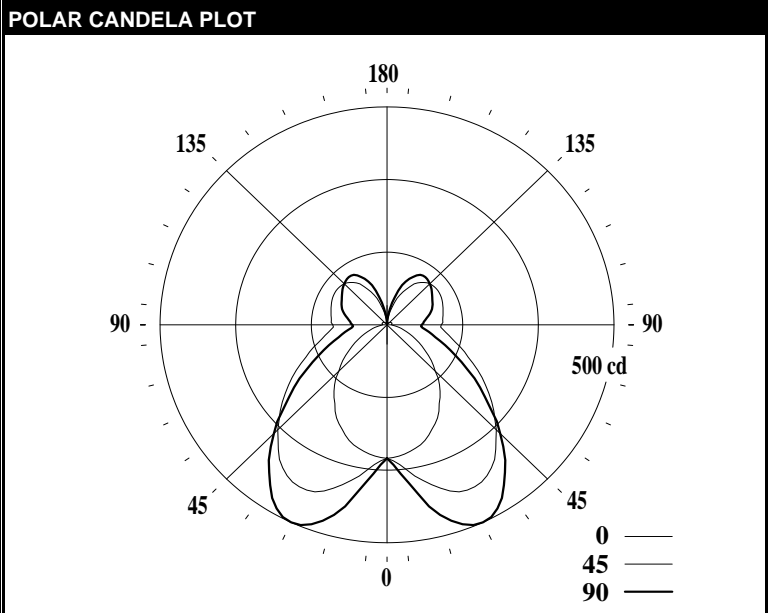


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL83040QN02
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 2FT 4000LM 830
No. of Lamps:	2		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	1913 lm 100.0%
Input Watts:	277 VAC 16.3	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 117.4
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-06 T20190229 S07411-6


CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	306	306	306	306	306	
5	302	310	322	344	343	32
15	285	320	380	438	451	107
25	250	317	418	480	500	183
35	204	291	401	441	449	228
45	150	247	340	352	352	230
55	102	195	274	259	250	203
65	62	152	209	176	167	163
75	33	124	157	122	110	126
85	14	102	124	91	78	100
90	10	94	119	82	76	
95	10	89	123	80	81	92
105	11	83	128	91	98	94
115	11	81	134	101	111	93
125	10	77	137	110	121	87
135	8	68	133	118	133	75
145	6	54	117	117	138	56
155	5	36	84	97	117	32
165	4	17	41	56	66	11
175	4	5	8	12	15	1
180	4	4	4	4	4	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	306.2	0.0	
Direct: Peak Candela & Angle (90deg)	500.0	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.13	1.83	N/A
Indirect: Peak Candela & Angle	138.3	142.5	
Indirect: Zenith Candela, Peak to Zenith	3.5	39.53	
Luminous Length, Width, Height (ft)	2.01	0.18	0.20
UGR (4H x 8H, 0.25H)			20.2
Ballast Factor, Multiplication Factor	1.000	0.921	
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	16.1	0.135	10.3 0.991
277V: P(W), I(A), THD(%), PF	16.3	0.062	14.4 0.947
347V: P(W), I(A), THD(%), PF	16.5	0.050	11.2 0.956

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	321	16.8%	16.8%
0-40	549	28.7%	28.7%
0-60	981	51.3%	51.3%
0-90	1370	71.6%	71.6%
90-130	367	19.2%	19.2%
90-150	498	26.1%	26.1%
90-180	543	28.4%	28.4%
0-180	1913	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	9106	9106	9106
5	8945	8939	9326
15	8545	9509	10710
25	7849	9810	10809
35	6908	9095	9167
45	5738	7713	7021
55	4620	6387	5019
65	3594	5190	3466
75	2747	4296	2465
85	2205	3919	1950

LUMINAIRE SECTION