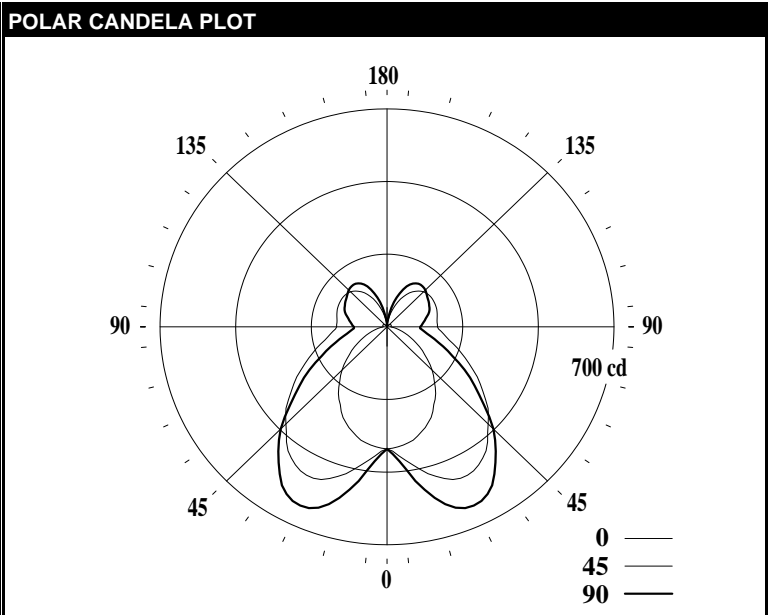


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL83525QN04
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 4FT 2500LM 835
No. of Lamps:	4		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2479 lm 100.0%
Input Watts:	277 VAC 19.3	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 128.4
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-10 T20190203 S07412-A

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	392	392	392	392	392	
5	387	397	416	436	433	41
15	363	410	488	555	569	136
25	322	405	537	611	633	233
35	262	375	515	563	577	292
45	196	318	441	462	464	299
55	133	250	361	339	329	265
65	79	201	279	238	223	216
75	41	164	212	168	152	169
85	17	135	168	124	109	134
90	12	125	156	112	102	
95	12	119	155	109	110	122
105	14	110	160	123	127	123
115	14	106	165	136	145	120
125	13	100	166	145	154	111
135	10	88	159	153	167	94
145	7	69	138	150	169	69
155	6	45	99	121	144	40
165	4	21	49	71	83	14
175	5	6	9	16	17	2
180	4	4	4	4	4	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	392.1	0.0	
Direct: Peak Candela & Angle (90deg)	633.3	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.12	1.84	N/A
Indirect: Peak Candela & Angle	170.3	142.5	
Indirect: Zenith Candela, Peak to Zenith	4.4	38.92	
Luminous Length, Width, Height (ft)	3.97	0.18	0.20
UGR (4H x 8H, 0.25H)			19.0
Ballast Factor, Multiplication Factor	1.000	1.216	
DLC (120/277), DLC (347)	Premium	Standard	
x, y, CCT, Duv	0.4093	0.3910	3417 -0.0007
CRI (Ra), R9		84	11
120V: P(W), I(A), THD(%), PF	19.2	0.162	9.0 0.990
277V: P(W), I(A), THD(%), PF	19.3	0.073	17.6 0.950
347V: P(W), I(A), THD(%), PF	19.7	0.059	10.3 0.967

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	410	16.5%	16.5%
0-40	702	28.3%	28.3%
0-60	1266	51.1%	51.1%
0-90	1786	72.0%	72.0%
90-130	475	19.2%	19.2%
90-150	639	25.8%	25.8%
90-180	693	28.0%	28.0%
0-180	2479	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	5904	5904	5904
5	5824	5864	5961
15	5588	6238	6831
25	5218	6448	6931
35	4646	6008	5967
45	3981	5157	4681
55	3266	4360	3342
65	2541	3602	2345
75	1983	3028	1712
85	1826	2786	1371

LUMINAIRE SECTION	



LEDALITE

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