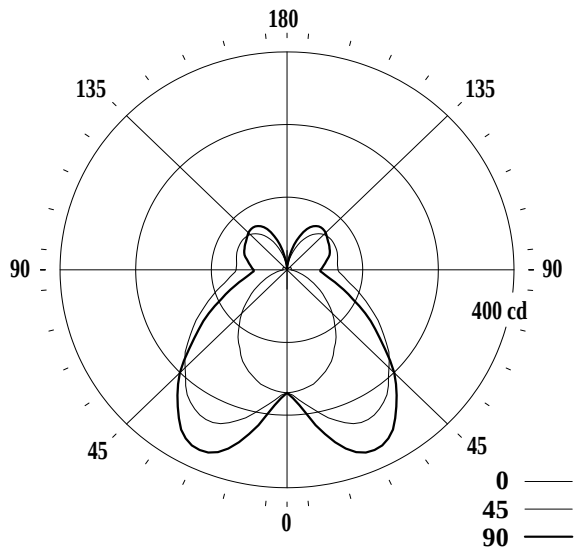
LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	**CATALOG NO:**	**MFxSL83015QN04**
Lamp Type:	LED	**Description:**	MODIFLY SUSPENDED 4FT 1500LM 830
No. of Lamps:	4		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1428 lm 100.0%
Input Watts:	277 VAC 12.1	**Up/Dn Ratio, Efficacy (lm/W):**	28% Up / 72% Dn 118.0
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	MF-EI-08 T20190229 S07412-1

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	226	226	226	226	226	
5	223	228	240	251	249	23
15	209	236	281	320	328	78
25	185	233	309	352	365	134
35	151	216	297	324	332	168
45	113	183	254	266	267	172
55	77	144	208	195	190	153
65	46	116	161	137	128	125
75	23	94	122	97	87	98
85	10	78	97	71	63	77
90	7	72	90	64	59	
95	7	68	89	63	63	70
105	8	63	92	71	73	71
115	8	61	95	78	83	69
125	7	58	96	83	89	64
135	6	50	92	88	96	54
145	4	40	79	86	97	40
155	4	26	57	70	83	23
165	3	12	28	41	48	8
175	3	3	5	9	10	1
180	3	3	3	3	3	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			225.8	0.0
Direct: Peak Candela & Angle (90deg)			364.8	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.12	1.84	N/A
Indirect: Peak Candela & Angle			98.1	142.5
Indirect: Zenith Candela, Peak to Zenith			2.5	38.92
Luminous Length, Width, Height (ft)		3.97	0.18	0.20
UGR (4H x 8H, 0.25H)				17.1
Ballast Factor, Multiplication Factor			1.000	0.700
DLC (120/277), DLC (347)			N/A	N/A
x, y, CCT ,Duv	0.4348	0.4010	3010	-0.0010
CRI (Ra), R9			83	10
120V: P(W), I(A), THD(%), PF	11.8	0.100	13.0	0.987
277V: P(W), I(A), THD(%), PF	12.1	0.048	17.6	0.916
347V: P(W), I(A), THD(%), PF	12.4	0.038	13.0	0.934

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

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	236	16.5%	16.5%
0-40	404	28.3%	28.3%
0-60	729	51.1%	51.1%
0-90	1029	72.0%	72.0%
90-130	274	19.2%	19.2%
90-150	368	25.8%	25.8%
90-180	399	28.0%	28.0%
0-180	1428	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	3401	3401	3401
5	3354	3377	3433
15	3218	3593	3934
25	3006	3714	3992
35	2676	3460	3437
45	2293	2971	2696
55	1881	2511	1925
65	1464	2075	1351
75	1142	1744	986
85	1052	1605	790

LUMINAIRE SECTION

LEDALITE

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