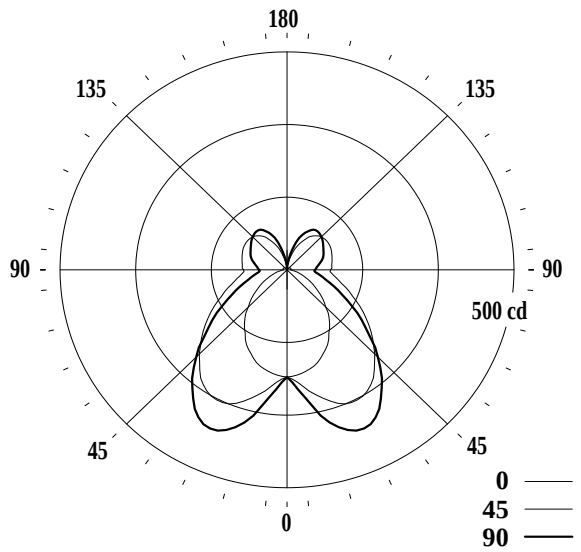
LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	**CATALOG NO:**	**MFxSL84030QN02**
Lamp Type:	LED	**Description:**	MODIFLY SUSPENDED 2FT 3000LM 840
No. of Lamps:	2		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1536 lm 100.0%
Input Watts:	277 VAC 12.5	**Up/Dn Ratio, Efficacy (lm/W):**	28% Up / 72% Dn 122.9
CIE-IES Classification:	Semi-Direct	**Report (Ele, Col, Photo):**	MF-EI-04 T20190206 S07411-I

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	246	246	246	246	246	
5	243	249	258	276	275	26
15	229	257	305	352	363	86
25	201	254	336	385	402	147
35	163	234	322	354	361	183
45	120	199	273	283	283	184
55	82	157	220	208	201	163
65	50	122	168	142	134	131
75	26	99	126	98	89	102
85	11	82	99	73	63	80
90	8	75	96	66	61	
95	8	72	99	64	65	74
105	9	66	103	73	78	75
115	9	65	107	81	89	75
125	8	62	110	88	97	70
135	6	55	107	95	107	60
145	5	44	94	94	111	45
155	4	29	67	78	94	26
165	3	13	33	45	53	9
175	3	4	7	9	12	1
180	3	3	3	3	3	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1				None
Direct: Peak Candela & Angle (0deg)			245.9	0.0
Direct: Peak Candela & Angle (90deg)			401.5	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.13	1.83	N/A
Indirect: Peak Candela & Angle			111.1	142.5
Indirect: Zenith Candela, Peak to Zenith			2.8	39.53
Luminous Length, Width, Height (ft)		2.01	0.18	0.20
UGR (4H x 8H, 0.25H)				19.4
Ballast Factor, Multiplication Factor			1.000	0.739
DLC (120/277), DLC (347)			Standard	Standard
x, y, CCT ,Duv	0.3853	0.3831	3918	0.0016
CRI (Ra), R9			81	4
120V: P(W), I(A), THD(%), PF	12.2	0.103	13.1	0.985
277V: P(W), I(A), THD(%), PF	12.5	0.049	17.6	0.922
347V: P(W), I(A), THD(%), PF	12.7	0.039	13.0	0.936

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	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

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	258	16.8%	16.8%
0-40	441	28.7%	28.7%
0-60	788	51.3%	51.3%
0-90	1100	71.6%	71.6%
90-130	295	19.2%	19.2%
90-150	400	26.1%	26.1%
90-180	436	28.4%	28.4%
0-180	1536	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	7312	7312	7312
5	7182	7177	7488
15	6861	7635	8599
25	6302	7876	8678
35	5546	7303	7360
45	4607	6193	5637
55	3709	5128	4030
65	2886	4167	2783
75	2206	3449	1979
85	1771	3147	1565

LUMINAIRE SECTION

LEDALITE

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