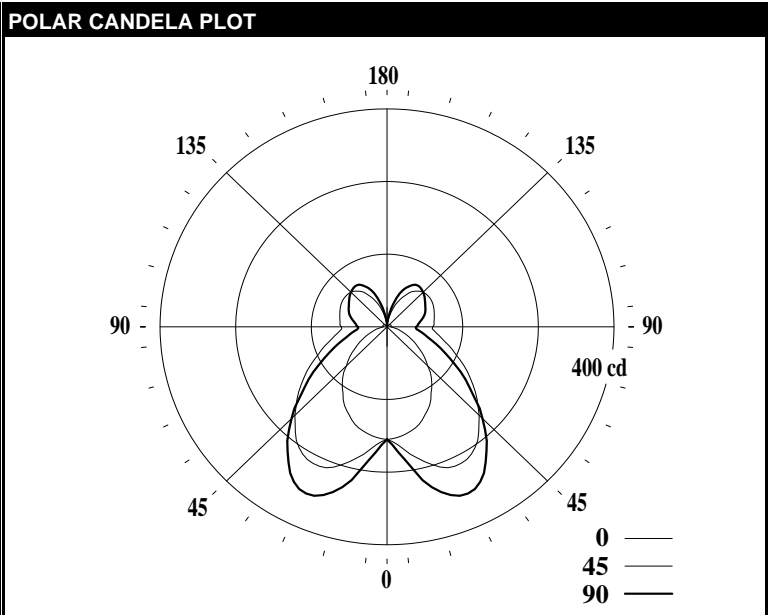


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL84025QN02
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 2FT 2500LM 840
No. of Lamps:	2		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	1291 lm 100.0%
Input Watts:	277 VAC 10.9	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 118.4
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-03 T20190206 S07411-H

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	207	207	207	207	207	
5	204	209	217	232	231	21
15	192	216	256	296	305	72
25	169	214	282	324	338	123
35	137	197	270	298	303	154
45	101	167	230	238	238	155
55	69	132	185	175	169	137
65	42	103	141	119	112	110
75	22	84	106	82	75	85
85	9	69	84	62	53	68
90	7	63	81	55	52	
95	6	60	83	54	55	62
105	8	56	86	61	66	63
115	8	55	90	68	75	63
125	7	52	92	74	82	59
135	5	46	90	79	90	51
145	4	37	79	79	93	38
155	3	24	56	65	79	22
165	2	11	28	38	44	8
175	2	4	6	8	10	1
180	2	2	2	2	2	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	206.6	0.0	
Direct: Peak Candela & Angle (90deg)	337.5	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.13	1.83	N/A
Indirect: Peak Candela & Angle	93.3	142.5	
Indirect: Zenith Candela, Peak to Zenith	2.4	39.53	
Luminous Length, Width, Height (ft)	2.01	0.18	0.20
UGR (4H x 8H, 0.25H)		18.8	
Ballast Factor, Multiplication Factor	1.000	0.622	
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	10.6	0.090	14.5 0.984
277V: P(W), I(A), THD(%), PF	10.9	0.044	19.5 0.902
347V: P(W), I(A), THD(%), PF	11.1	0.035	13.8 0.921

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

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	217	16.8%	16.8%
0-40	370	28.7%	28.7%
0-60	662	51.3%	51.3%
0-90	925	71.6%	71.6%
90-130	248	19.2%	19.2%
90-150	336	26.1%	26.1%
90-180	366	28.4%	28.4%
0-180	1291	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	6146	6146	6146
5	6037	6033	6294
15	5767	6418	7228
25	5297	6620	7295
35	4662	6138	6187
45	3873	5205	4739
55	3118	4311	3387
65	2426	3503	2339
75	1854	2899	1664
85	1488	2645	1316

LUMINAIRE SECTION	



LEDALITE

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