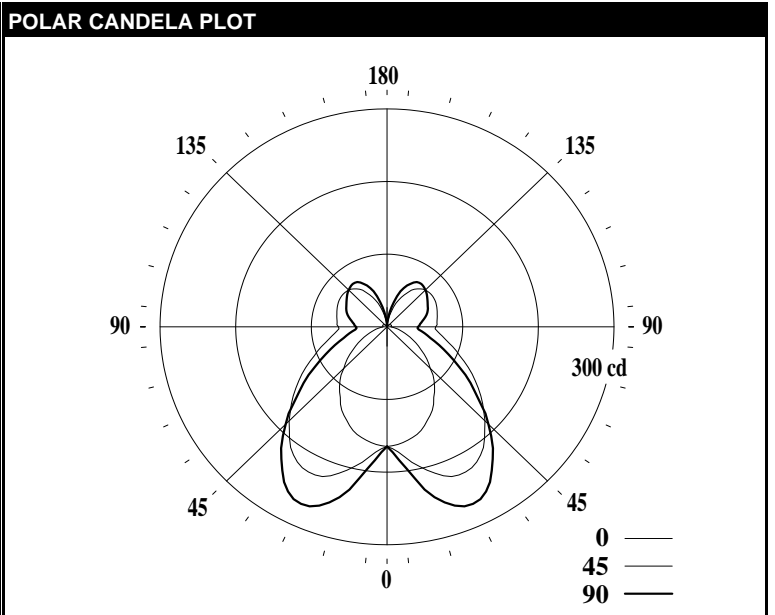


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL84020QN02
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 2FT 2000LM 840
No. of Lamps:	2		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	1029 lm 100.0%
Input Watts:	277 VAC 9.3	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 110.6
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-02 T20190206 S07411-G

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	165	165	165	165	165	
5	163	167	173	185	184	17
15	153	172	204	236	243	57
25	135	170	225	258	269	98
35	110	157	216	237	242	122
45	81	133	183	189	190	124
55	55	105	147	139	135	109
65	33	82	113	95	90	88
75	18	67	84	65	59	68
85	7	55	67	49	42	54
90	5	51	64	44	41	
95	5	48	66	43	44	50
105	6	44	69	49	53	51
115	6	44	72	54	60	50
125	5	41	74	59	65	47
135	4	37	72	63	72	40
145	3	29	63	63	74	30
155	3	19	45	52	63	17
165	2	9	22	30	35	6
175	2	3	5	6	8	1
180	2	2	2	2	2	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	164.7	0.0	
Direct: Peak Candela & Angle (90deg)	268.9	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.13	1.83	N/A
Indirect: Peak Candela & Angle	74.4	142.5	
Indirect: Zenith Candela, Peak to Zenith	1.9	39.53	
Luminous Length, Width, Height (ft)	2.01	0.18	0.20
UGR (4H x 8H, 0.25H)			18.0
Ballast Factor, Multiplication Factor	1.000	0.495	
DLC (120/277), DLC (347)	N/A	N/A	
x, y, CCT, Duv	0.3853	0.3831	3918 0.0016
CRI (Ra), R9		81	4
120V: P(W), I(A), THD(%), PF	8.9	0.076	17.0 0.970
277V: P(W), I(A), THD(%), PF	9.3	0.040	34.0 0.830
347V: P(W), I(A), THD(%), PF	9.3	0.030	15.0 0.896

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	173	16.8%	16.8%
0-40	295	28.7%	28.7%
0-60	528	51.3%	51.3%
0-90	737	71.6%	71.6%
90-130	197	19.2%	19.2%
90-150	268	26.1%	26.1%
90-180	292	28.4%	28.4%
0-180	1029	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	4898	4898	4898
5	4811	4808	5016
15	4596	5114	5760
25	4222	5276	5813
35	3715	4892	4930
45	3086	4148	3776
55	2485	3435	2699
65	1933	2791	1864
75	1477	2311	1326
85	1186	2108	1049

LUMINAIRE SECTION	



LEDALITE

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