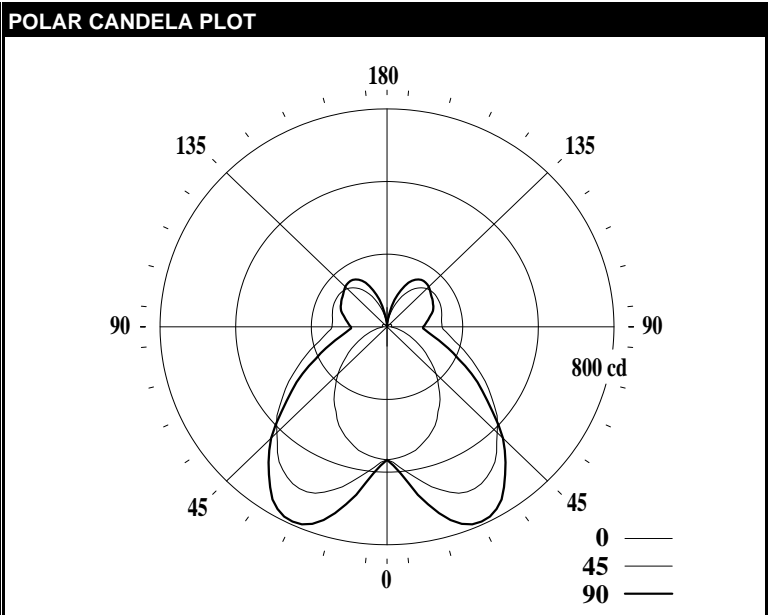


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL84030QN04
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 4FT 3000LM 840
No. of Lamps:	4		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	3087 lm 100.0%
Input Watts:	120 VAC 23.5	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 131.4
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-11 T20190206 S07412-I

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	488	488	488	488	488	
5	482	494	518	542	539	50
15	452	511	608	691	708	170
25	400	504	668	761	789	291
35	326	467	641	701	719	364
45	245	396	549	575	578	372
55	166	311	449	422	410	331
65	98	250	348	296	277	269
75	50	204	263	209	189	211
85	21	168	209	154	135	167
90	15	156	194	139	128	
95	14	148	193	136	137	152
105	17	136	199	153	158	153
115	17	131	206	169	180	150
125	16	124	207	180	192	138
135	12	109	199	190	208	117
145	9	86	171	186	211	87
155	8	56	123	151	179	49
165	6	27	61	89	103	17
175	6	7	12	20	21	2
180	6	6	6	6	6	



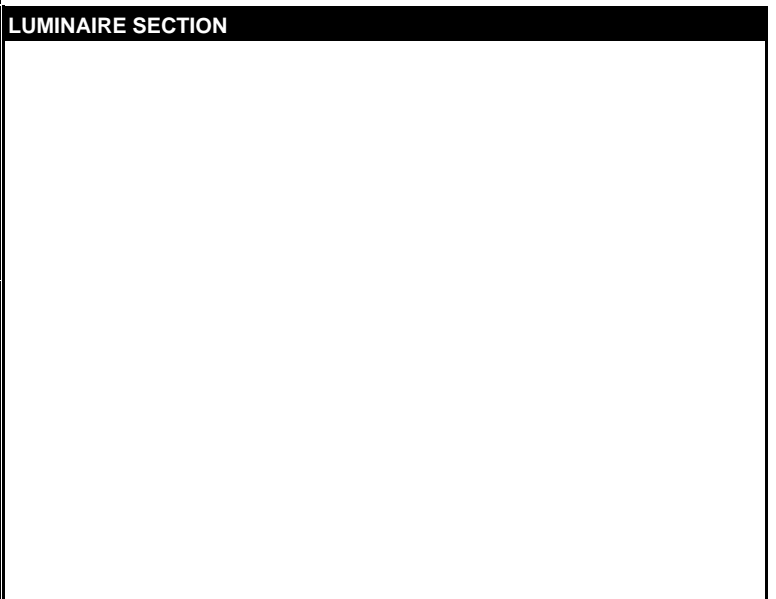
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	488.3	0.0	
Direct: Peak Candela & Angle (90deg)	788.6	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.12	1.84	N/A
Indirect: Peak Candela & Angle	212.1	142.5	
Indirect: Zenith Candela, Peak to Zenith	5.5	38.92	
Luminous Length, Width, Height (ft)	3.97	0.18	0.20
UGR (4H x 8H, 0.25H)			19.7
Ballast Factor, Multiplication Factor	1.000	1.514	
DLC (120/277), DLC (347)	Premium	Premium	
x, y, CCT, Duv	0.3853	0.3831	3918 0.0016
CRI (Ra), R9		81	4
120V: P(W), I(A), THD(%), PF	23.5	0.198	7.0 0.990
277V: P(W), I(A), THD(%), PF	23.3	0.088	13.0 0.960
347V: P(W), I(A), THD(%), PF	22.8	0.067	8.8 0.983

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	511	16.5%	16.5%
0-40	874	28.3%	28.3%
0-60	1577	51.1%	51.1%
0-90	2224	72.0%	72.0%
90-130	592	19.2%	19.2%
90-150	795	25.8%	25.8%
90-180	863	28.0%	28.0%
0-180	3087	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	7352	7352	7352
5	7252	7302	7423
15	6958	7769	8506
25	6498	8030	8631
35	5785	7481	7430
45	4957	6422	5829
55	4067	5429	4162
65	3164	4485	2920
75	2469	3770	2132
85	2274	3470	1707



LEDALITE

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