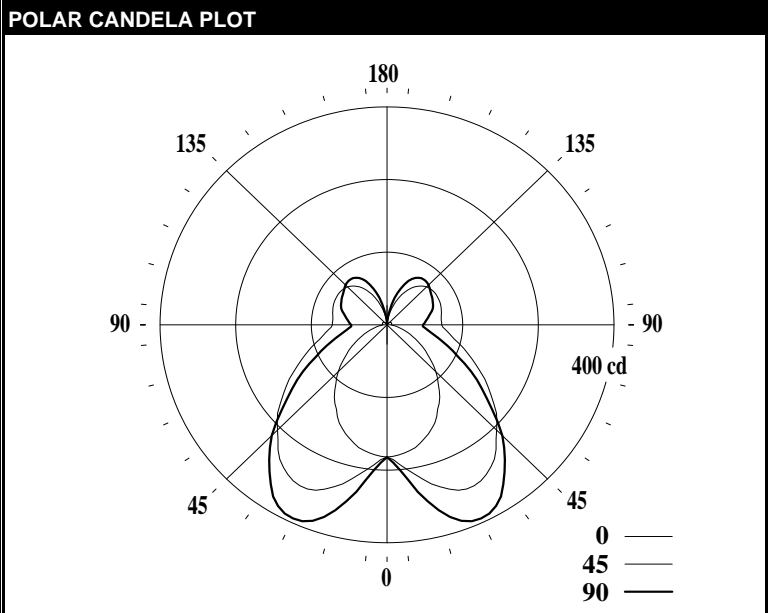


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL84015QN04
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 4FT 1500LM 840
No. of Lamps:	4		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	1535 lm 100.0%
Input Watts:	277 VAC 12.1	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 126.9
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-08 T20190206 S07412-F

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	243	243	243	243	243	
5	240	246	258	270	268	25
15	225	254	302	344	352	84
25	199	251	332	378	392	144
35	162	232	319	348	357	181
45	122	197	273	286	287	185
55	83	155	223	210	204	164
65	49	124	173	147	138	134
75	25	101	131	104	94	105
85	10	83	104	77	67	83
90	8	77	96	69	63	
95	7	74	96	68	68	75
105	8	68	99	76	79	76
115	9	65	102	84	90	75
125	8	62	103	90	96	69
135	6	54	99	94	104	58
145	5	43	85	93	105	43
155	4	28	61	75	89	24
165	3	13	30	44	51	8
175	3	4	6	10	10	1
180	3	3	3	3	3	



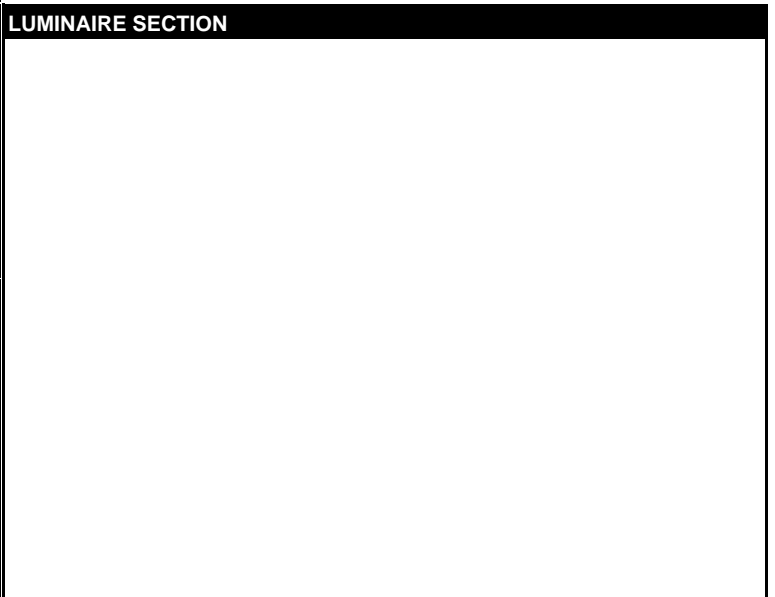
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	242.8		0.0
Direct: Peak Candela & Angle (90deg)	392.1		25.0
Spacing Criteria (0deg, 90deg, 180deg)	1.12	1.84	N/A
Indirect: Peak Candela & Angle	105.5		142.5
Indirect: Zenith Candela, Peak to Zenith		2.7	38.92
Luminous Length, Width, Height (ft)	3.97	0.18	0.20
UGR (4H x 8H, 0.25H)			17.4
Ballast Factor, Multiplication Factor	1.000		0.753
DLC (120/277), DLC (347)	Premium		Standard
x, y, CCT, Duv	0.3853	0.3831	3918 0.0016
CRI (Ra), R9			81 4
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	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	254	16.5%	16.5%
0-40	435	28.3%	28.3%
0-60	784	51.1%	51.1%
0-90	1106	72.0%	72.0%
90-130	294	19.2%	19.2%
90-150	395	25.8%	25.8%
90-180	429	28.0%	28.0%
0-180	1535	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	3656	3656	3656
5	3606	3631	3691
15	3460	3863	4229
25	3231	3993	4291
35	2876	3720	3694
45	2465	3193	2898
55	2022	2699	2070
65	1573	2230	1452
75	1228	1875	1060
85	1131	1725	849



LEDALITE

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