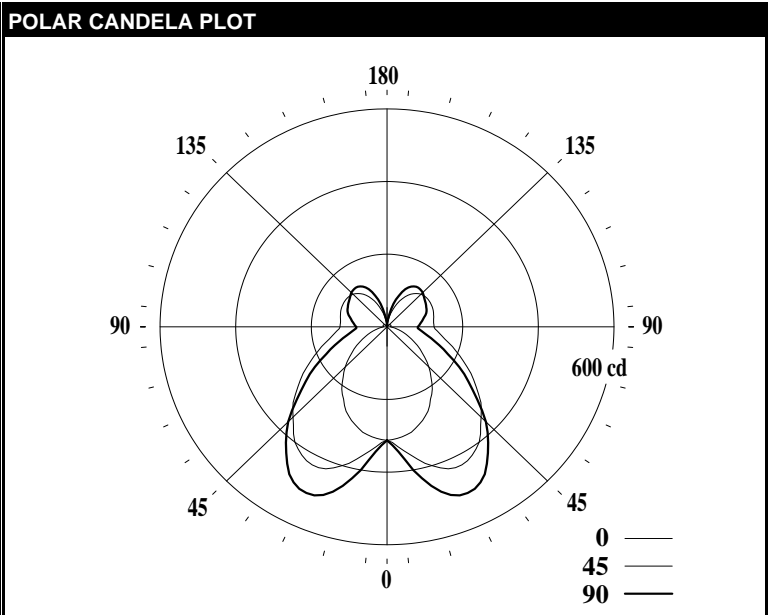


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL83520QN04
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 4FT 2000LM 835
No. of Lamps:	4		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	1976 lm 100.0%
Input Watts:	277 VAC 15.7	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 125.9
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-09 T20190203 S07412-9

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	313	313	313	313	313	
5	309	316	331	347	345	32
15	290	327	389	442	453	109
25	256	323	428	487	505	186
35	209	299	410	449	460	233
45	157	253	352	368	370	238
55	106	199	288	270	263	212
65	63	160	223	190	177	172
75	32	130	169	134	121	135
85	13	107	134	99	87	107
90	10	100	124	89	82	
95	9	95	124	87	88	97
105	11	87	128	98	101	98
115	11	84	132	108	115	96
125	10	80	132	115	123	88
135	8	70	127	122	133	75
145	6	55	110	119	135	55
155	5	36	79	96	115	32
165	4	17	39	57	66	11
175	4	5	7	13	13	1
180	4	4	4	4	4	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	312.5	0.0	
Direct: Peak Candela & Angle (90deg)	504.8	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.12	1.84	N/A
Indirect: Peak Candela & Angle	135.8	142.5	
Indirect: Zenith Candela, Peak to Zenith	3.5	38.92	
Luminous Length, Width, Height (ft)	3.97	0.18	0.20
UGR (4H x 8H, 0.25H)			18.2
Ballast Factor, Multiplication Factor	1.000	0.969	
DLC (120/277), DLC (347)	Standard	Standard	
x, y, CCT, Duv	0.4093	0.3910	3417 -0.0007
CRI (Ra), R9		84	11
120V: P(W), I(A), THD(%), PF	15.5	0.130	12.0 0.990
277V: P(W), I(A), THD(%), PF	15.7	0.061	17.6 0.930
347V: P(W), I(A), THD(%), PF	16.0	0.048	11.5 0.954

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	327	16.5%	16.5%
0-40	559	28.3%	28.3%
0-60	1009	51.1%	51.1%
0-90	1424	72.0%	72.0%
90-130	379	19.2%	19.2%
90-150	509	25.8%	25.8%
90-180	553	28.0%	28.0%
0-180	1976	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	4706	4706	4706
5	4642	4674	4751
15	4454	4973	5445
25	4159	5140	5524
35	3703	4789	4756
45	3173	4111	3731
55	2604	3475	2664
65	2025	2871	1869
75	1580	2413	1365
85	1456	2221	1093

LUMINAIRE SECTION	



LEDALITE

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