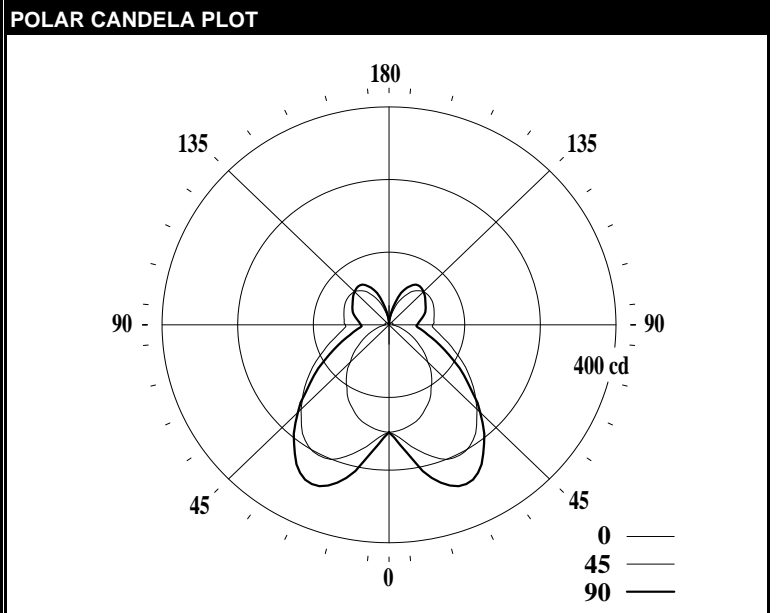


LEDALITE - MODIFLY

TEST DATE:	09 Apr 2019	CATALOG NO:	MFxSL83525QN02
Lamp Type:	LED	Description:	MODIFLY SUSPENDED 2FT 2500LM 835
No. of Lamps:	2		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	1233 lm 100.0%
Input Watts:	277 VAC 10.9	Up/Dn Ratio, Efficacy (lm/W):	28% Up / 72% Dn 113.1
CIE-IES Classification:	Semi-Direct	Report (Ele, Col, Photo):	MF-EI-03 T20190203 S07411-A

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	197	197	197	197	197	
5	195	200	207	222	221	20
15	184	206	245	282	291	69
25	161	204	270	309	322	118
35	131	188	258	284	289	147
45	97	160	219	227	227	148
55	66	126	176	167	161	131
65	40	98	135	114	107	105
75	21	80	101	78	71	82
85	9	66	80	59	50	65
90	7	61	77	53	49	
95	6	58	79	51	53	60
105	7	53	82	59	63	61
115	7	52	86	65	71	60
125	6	50	88	71	78	56
135	5	44	86	76	86	49
145	4	35	76	75	89	36
155	3	23	54	62	75	21
165	2	11	26	36	42	7
175	2	3	5	8	10	1
180	2	2	2	2	2	



CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	197.3	0.0	
Direct: Peak Candela & Angle (90deg)	322.3	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.13	1.83	N/A
Indirect: Peak Candela & Angle	89.1	142.5	
Indirect: Zenith Candela, Peak to Zenith	2.3	39.53	
Luminous Length, Width, Height (ft)	2.01	0.18	0.20
UGR (4H x 8H, 0.25H)			18.6
Ballast Factor, Multiplication Factor	1.000	0.594	
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	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	207	16.8%	16.8%
0-40	354	28.7%	28.7%
0-60	632	51.3%	51.3%
0-90	883	71.6%	71.6%
90-130	236	19.2%	19.2%
90-150	321	26.1%	26.1%
90-180	350	28.4%	28.4%
0-180	1233	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	5869	5869	5869
5	5765	5761	6010
15	5507	6128	6903
25	5059	6322	6966
35	4452	5862	5908
45	3698	4971	4525
55	2977	4116	3235
65	2317	3345	2233
75	1770	2769	1589
85	1421	2526	1257

LUMINAIRE SECTION	



LEDALITE

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