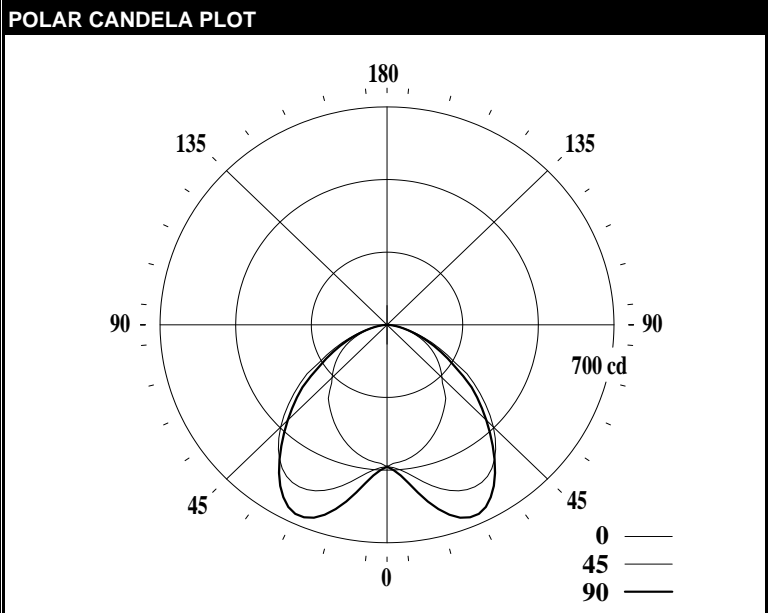


# LEDALITE - TRUGROOVE RECESSED MICRO

<b>TEST DATE:</b>	08 Jan 2019	<b>CATALOG NO:</b>	23x1LBKQxx04
<b>Lamp Type:</b>	LED	<b>Description:</b>	SYMMETRIC 1500LM 835
<b>No. of Lamps:</b>	1		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	1571 lm 100.0%
<b>Input Watts:</b>	120 VAC 14.8	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 106.1
<b>CIE-IES Classification:</b>	Direct	<b>Report (Ele, Col, Photo):</b>	TGMR21 F38888Color S38888-2

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	456	456	456	456	456	
5	443	454	468	482	486	45
15	414	455	535	597	613	149
25	366	447	584	658	670	254
35	311	414	564	590	581	313
45	240	350	464	448	433	308
55	187	244	327	307	287	248
65	127	153	179	166	159	159
75	63	69	76	71	68	76
85	14	14	15	15	15	18
90	0	0	0	0	0	
95	0	0	0	0	0	0
105	0	0	0	0	0	0
115	0	0	0	0	0	0
125	0	0	0	0	0	0
135	0	0	0	0	0	0
145	0	0	0	0	0	0
155	0	0	0	0	0	0
165	0	0	0	0	0	0
175	0	0	0	0	0	0
180	0	0	0	0	0	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Normal spaces		
Direct: Peak Candela & Angle (0deg)	455.6	0.0	
Direct: Peak Candela & Angle (90deg)	669.9	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.12	1.68	N/A
Indirect: Peak Candela & Angle	N/A	N/A	
Indirect: Zenith Candela, Peak to Zenith	N/A	N/A	
Luminous Length, Width, Height (ft)	4.0000	0.1500	0.0000
UGR (4H x 8H, 0.25H)	N/A		
Ballast Factor, Multiplication Factor	1.000	0.498	
DesignLights Consortium	N/A		
x, y, CCT, Duv	0.4061	0.3917	3490 0.0002
CRI (Ra), R9	82		11
120V: P(W), I(A), THD(%), PF	14.8	0.123	11.4 0.991
277V: P(W), I(A), THD(%), PF	15.0	0.057	17.8 0.942
347V: P(W), I(A), THD(%), PF	15.2	0.046	13.1 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	119	119	119	119	116	116	116	111	111	111	100	
1	110	105	101	98	107	103	99	99	96	93	85		
2	100	92	86	80	98	90	84	87	82	78	72		
3	92	81	74	67	89	80	73	77	71	66	61		
4	84	72	64	57	82	71	63	69	62	56	53		
5	77	65	56	49	75	64	55	61	54	49	46		
6	71	58	49	43	69	57	49	56	48	43	40		
7	66	53	44	38	64	52	44	50	43	38	35		
8	61	48	40	34	60	47	39	46	39	34	31		
9	57	44	36	30	56	43	36	42	35	30	28		
10	54	41	33	28	52	40	33	39	32	27	25		

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	448	28.5%	28.5%
0-40	762	48.5%	48.5%
0-60	1318	83.9%	83.9%
0-90	1571	100.0%	100.0%
90-130	0	0.0%	0.0%
90-150	0	0.0%	0.0%
90-180	0	0.0%	0.0%
0-180	1571	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	8170	8170	8170
5	7965	8417	8741
15	7688	9930	11374
25	7250	11556	13255
35	6817	12336	12716
45	6083	11760	10982
55	5850	10220	8972
65	5408	7589	6754
75	4330	5238	4738
85	2777	3095	3054

LUMINAIRE SECTION	



**LEDALITE**

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