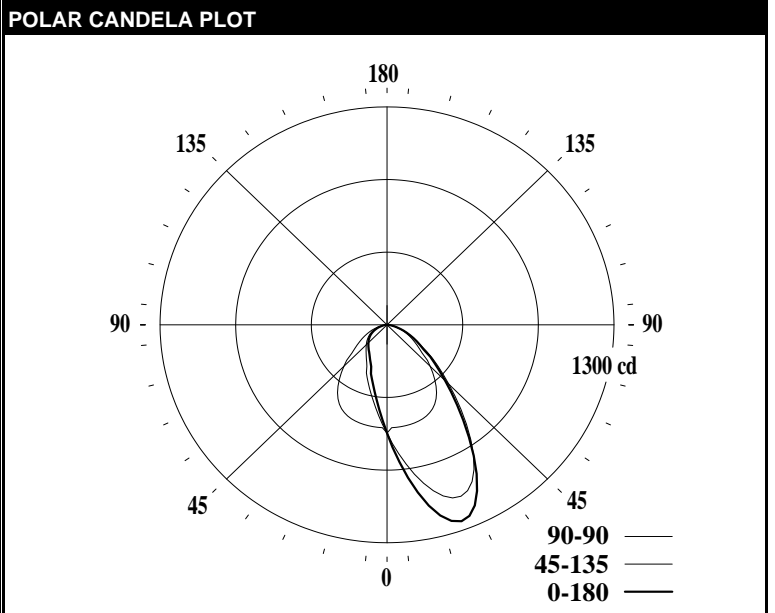


# LEDALITE - TRUGROOVE RECESSED MICRO

<b>TEST DATE:</b>	08 Jan 2019	<b>CATALOG NO:</b>	23x8LBKQxx04
<b>Lamp Type:</b>	LED	<b>Description:</b>	ASYMMETRIC 1500LM 835
<b>No. of Lamps:</b>	1		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	1508 lm 100.0%
<b>Input Watts:</b>	120 VAC 14.8	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 101.9
<b>CIE-IES Classification:</b>	Direct	<b>Report (Ele, Col, Photo):</b>	TGMR21 F38888Color S38920-6

CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	Lumens
0	646	646	646	646	646	
5	822	772	614	545	508	63
15	1177	1025	606	390	335	197
25	1189	1092	578	273	229	303
35	818	836	494	209	183	316
45	471	501	349	168	151	256
55	256	277	209	133	120	182
65	145	146	126	93	82	118
75	62	61	59	47	41	59
85	12	11	12	13	11	14
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-Critical spaces		
Direct: Peak Candela & Angle (0deg)	1246.7	20.0	
Direct: Peak Candela & Angle (180deg)	645.7	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.60	1.25	0.49
Indirect: Peak Candela & Angle	N/A	N/A	
Indirect: Zenith Candela, Peak to Zenith	N/A	N/A	
Luminous Length, Width, Height (ft)	0.1500	4.0000	0.0000
UGR (4H x 8H, 0.25H)	N/A		
Ballast Factor, Multiplication Factor	1.000	0.516	
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	50	30	10	0
RCR														
0	119	119	119	119	116	116	116	111	111	111	100			
1	110	106	103	99	108	104	101	100	97	95	87			
2	102	95	89	84	99	93	87	89	85	81	75			
3	94	85	77	72	92	83	76	80	74	70	65			
4	87	76	68	62	85	75	67	72	66	61	57			
5	80	69	61	55	78	68	60	66	59	54	51			
6	75	63	54	49	73	62	54	60	53	48	45			
7	70	57	49	44	68	56	49	55	48	43	41			
8	65	53	45	39	64	52	44	51	44	39	37			
9	61	49	41	36	60	48	41	47	40	35	33			
10	57	45	38	33	56	45	37	44	37	32	31			

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	563	37.3%	37.3%
0-40	879	58.3%	58.3%
0-60	1317	87.3%	87.3%
0-90	1508	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	1508	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	90	180
0	11580	11580	11580
5	14801	11045	9140
15	21855	11252	6211
25	23522	11445	4531
35	17916	10822	3996
45	11932	8860	3830
55	8015	6518	3756
65	6140	5343	3492
75	4262	4076	2835
85	2463	2548	2240

LUMINAIRE SECTION



**LEDALITE**

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