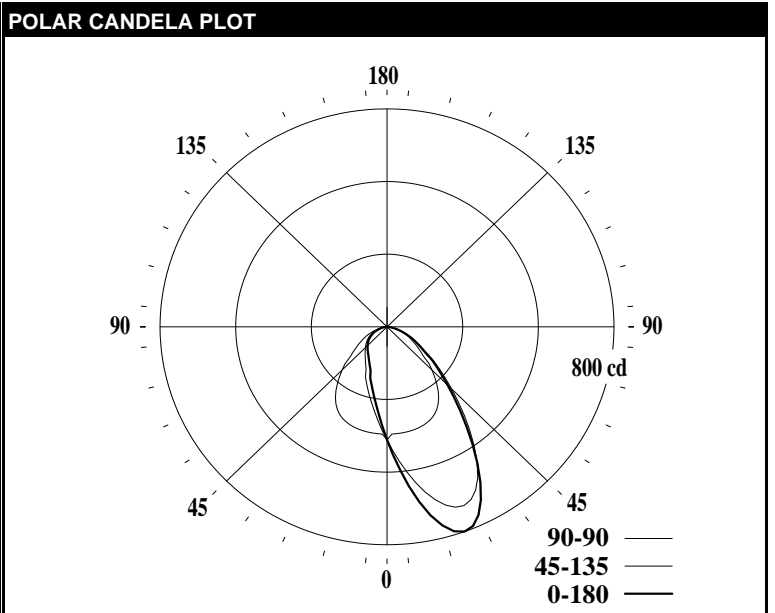


# LEDALITE - TRUGROOVE RECESSED MICRO

<b>TEST DATE:</b>	08 Jan 2019	<b>CATALOG NO:</b>	23x8LAMQxx04
<b>Lamp Type:</b>	LED	<b>Description:</b>	ASYMMETRIC 1000LM 840
<b>No. of Lamps:</b>	1		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	967 lm 100.0%
<b>Input Watts:</b>	120 VAC 9.6	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 100.7
<b>CIE-IES Classification:</b>	Direct	<b>Report (Ele, Col, Photo):</b>	TGMR23 F38889Color S38920-B

CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	Lumens
0	414	414	414	414	414	
5	527	495	394	349	326	41
15	755	657	389	250	215	126
25	763	700	371	175	147	194
35	525	536	317	134	117	203
45	302	321	224	108	97	164
55	164	177	134	85	77	117
65	93	94	81	59	53	76
75	40	39	38	30	26	38
85	8	7	8	8	7	9
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)	799.7	20.0	
Direct: Peak Candela & Angle (180deg)	414.2	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	0.331	
DesignLights Consortium	N/A		
x, y, CCT, Duv	0.3798	0.3782	4027 0.0009
CRI (Ra), R9	84		16
120V: P(W), I(A), THD(%), PF	9.6	0.081	14.5 0.984
277V: P(W), I(A), THD(%), PF	10.0	0.040	19.9 0.902
347V: P(W), I(A), THD(%), PF	10.2	0.032	16.7 0.916

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	111	100	
	1	110	106	103	99	108	104	101	100	97	95	87	87	
	2	102	95	89	84	99	93	87	89	85	81	75	75	
	3	94	85	77	72	92	83	76	80	74	70	65	65	
	4	87	76	68	62	85	75	67	72	66	61	57	57	
	5	80	69	61	55	78	68	60	66	59	54	51	51	
	6	75	63	54	49	73	62	54	60	53	48	45	45	
	7	70	57	49	44	68	56	49	55	48	43	41	41	
	8	65	53	45	39	64	52	44	51	44	39	37	37	
	9	61	49	41	36	60	48	41	47	40	35	33	33	
	10	57	45	38	33	56	45	37	44	37	32	31	31	

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	361	37.3%	37.3%
0-40	564	58.3%	58.3%
0-60	845	87.3%	87.3%
0-90	968	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	967	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	90	180
0	7428	7428	7428
5	9494	7085	5863
15	14019	7218	3984
25	15089	7341	2907
35	11493	6942	2563
45	7654	5683	2457
55	5141	4181	2409
65	3938	3427	2240
75	2734	2615	1819
85	1580	1635	1437

LUMINAIRE SECTION	



**LEDALITE**

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