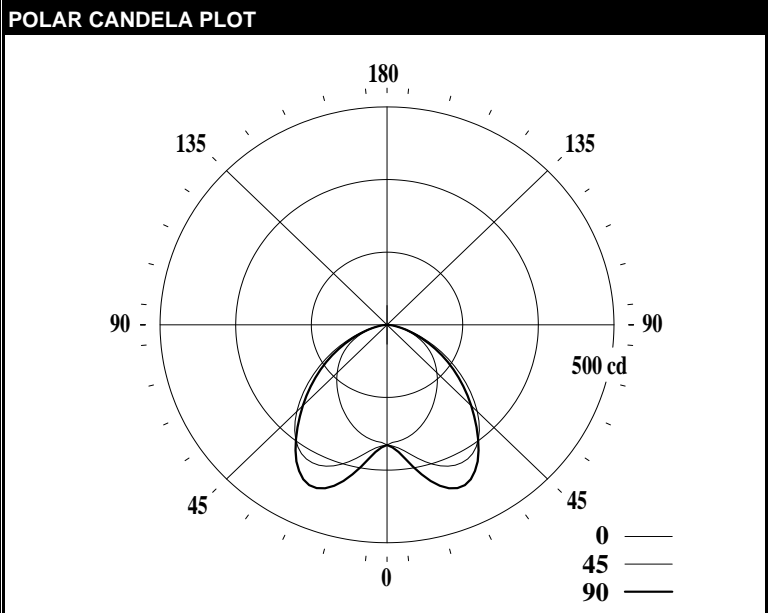


# LEDALITE - TRUGROOVE RECESSED MICRO

<b>TEST DATE:</b>	13 Dec 2017	<b>CATALOG NO:</b>	23x1LCMQxx04
<b>Lamp Type:</b>	LED	<b>Description:</b>	SYMMETRIC 1000LM 830
<b>No. of Lamps:</b>	1		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	965 lm 100.0%
<b>Input Watts:</b>	120 VAC 9.8	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 98.5
<b>CIE-IES Classification:</b>	Direct	<b>Report (Ele, Col, Photo):</b>	TGMR23 F38884Color F38887

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	276	276	276	276	276	
5	268	275	283	291	293	28
15	251	277	325	362	371	91
25	222	273	355	399	406	154
35	189	253	342	357	352	190
45	155	214	281	270	262	188
55	121	159	198	185	179	154
65	82	99	115	106	102	102
75	39	44	48	44	43	48
85	7	8	8	8	8	10
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)	275.7	0.0	
Direct: Peak Candela & Angle (90deg)	405.8	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	1.000	
DesignLights Consortium	N/A		
x, y, CCT, Duv	0.4308	0.3998	3071 0.0009
CRI (Ra), R9	84		16
120V: P(W), I(A), THD(%), PF	9.8	0.083	14.5 0.984
277V: P(W), I(A), THD(%), PF	10.2	0.041	19.9 0.902
347V: P(W), I(A), THD(%), PF	10.4	0.033	16.7 0.916

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	97	107	103	99	99	96	93	85		
2	100	92	86	80	97	90	84	87	82	77	72		
3	91	81	73	67	89	80	72	77	70	65	61		
4	84	72	64	57	81	71	63	68	61	56	52		
5	77	64	56	49	75	63	55	61	54	48	45		
6	71	58	49	43	69	57	49	55	48	42	40		
7	66	53	44	38	64	52	43	50	43	37	35		
8	61	48	39	34	60	47	39	46	39	33	31		
9	57	44	36	30	56	43	35	42	35	30	28		
10	54	40	32	27	52	40	32	39	32	27	25		

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	272	28.2%	28.2%
0-40	463	47.9%	47.9%
0-60	805	83.4%	83.4%
0-90	965	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	965	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	4944	4944	4944
5	4832	5102	5275
15	4666	6034	6886
25	4399	7030	8030
35	4136	7492	7697
45	3939	7127	6650
55	3777	6181	5587
65	3463	4876	4337
75	2723	3298	2966
85	1523	1728	1646

LUMINAIRE SECTION	



**LEDALITE**

Ledalite  
 19750 - 92A Avenue  
 Langley, BC  
 CANADA V1M 3B2  
 Phone: 604-888-6811  
 Fax: 800-665-5332  
 604-888-2003