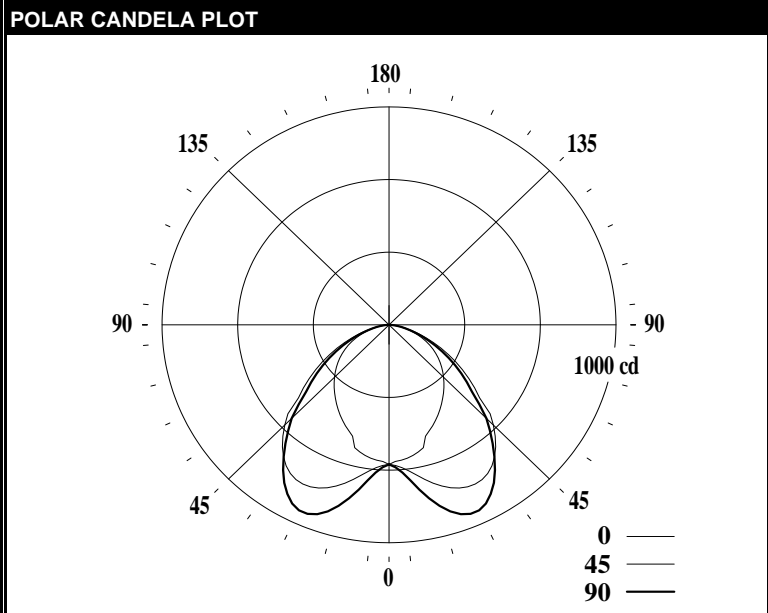


# LEDALITE - TRUGROOVE RECESSED MICRO

<b>TEST DATE:</b>	13 Dec 2017	<b>CATALOG NO:</b>	23x1LCGQxx04
<b>Lamp Type:</b>	LED	<b>Description:</b>	SYMMETRIC 2200LM 830
<b>No. of Lamps:</b>	1	<b>Flux (lm), Efficiency (%):</b>	2181 lm 100.0%
<b>Rated Lamp Lumens:</b>	-1	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 98.2
<b>Input Watts:</b>	120 VAC 22.2	<b>Report (Ele, Col, Photo):</b>	TGMR19 F38884Color F38885
<b>CIE-IES Classification:</b>	Direct		

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	641	641	641	641	641	
5	624	640	658	677	680	64
15	584	642	752	838	860	209
25	484	631	820	923	939	354
35	412	583	790	826	814	436
45	339	462	650	627	607	423
55	265	345	430	403	389	336
65	181	217	252	234	225	225
75	90	99	108	101	97	108
85	21	21	23	22	22	26
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)	640.5	0.0	
Direct: Peak Candela & Angle (90deg)	939.4	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.06	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	22.2	0.187	12.1 0.989
277V: P(W), I(A), THD(%), PF	22.5	0.087	17.0 0.932
347V: P(W), I(A), THD(%), PF	22.3	0.069	12.8 0.933

COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	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	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	50	75	64	55	62	54	49	46	
	6	71	58	50	43	69	57	49	56	48	43	40	
	7	66	53	44	38	64	52	44	51	43	38	35	
	8	62	48	40	34	60	47	39	46	39	34	31	
	9	57	44	36	31	56	44	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	628	28.8%	28.8%
0-40	1063	48.7%	48.7%
0-60	1822	83.5%	83.5%
0-90	2181	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	2181	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	11486	11486	11486
5	11224	11845	12247
15	10837	13965	15965
25	9585	16231	18588
35	9024	17299	17812
45	8608	16480	15387
55	8276	13432	12150
65	7664	10693	9526
75	6201	7469	6721
85	4218	4650	4527

LUMINAIRE SECTION



**LEDALITE**

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