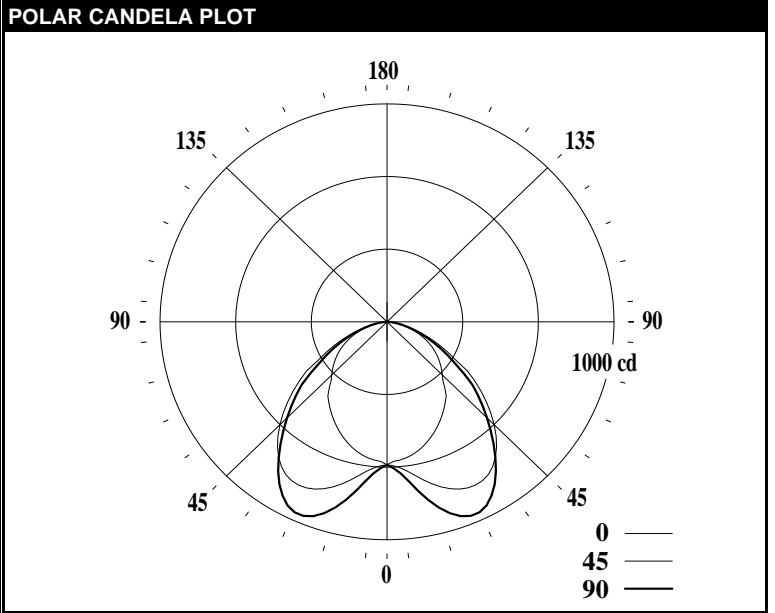


# LEDALITE - TRUGROOVE RECESSED MICRO

<b>TEST DATE:</b>	08 Jan 2019	<b>CATALOG NO:</b>	23x1LBGQxx04
<b>Lamp Type:</b>	LED	<b>Description:</b>	SYMMETRIC 2200LM 835
<b>No. of Lamps:</b>	1		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	2261 lm 100.0%
<b>Input Watts:</b>	120 VAC 22.1	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 102.3
<b>CIE-IES Classification:</b>	Direct	<b>Report (Ele, Col, Photo):</b>	TGMR19 F38888Color S38888-1

CANDELA DISTRIBUTION						
	Flux					
	0	22.5	45	67.5	90	Lumens
0	656	656	656	656	656	
5	637	653	673	693	699	65
15	596	655	770	859	882	215
25	528	644	841	947	964	365
35	448	596	811	849	836	451
45	345	503	668	645	623	443
55	269	352	471	442	413	358
65	184	220	258	240	229	230
75	90	99	109	102	98	109
85	19	20	22	22	21	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)	655.9	0.0	
Direct: Peak Candela & Angle (90deg)	964.4	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	0.717	
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	22.1	0.187	12.1 0.989
277V: P(W), I(A), THD(%), PF	22.4	0.087	17.0 0.932
347V: P(W), I(A), THD(%), PF	22.2	0.068	12.8 0.933

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

**LEDALITE**

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

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	645	28.5%	28.5%
0-40	1096	48.5%	48.5%
0-60	1897	83.9%	83.9%
0-90	2261	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	2261	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	11763	11763	11763
5	11468	12119	12585
15	11069	14297	16376
25	10438	16638	19084
35	9815	17761	18307
45	8758	16931	15811
55	8422	14715	12917
65	7786	10926	9724
75	6235	7541	6821
85	3998	4455	4396

