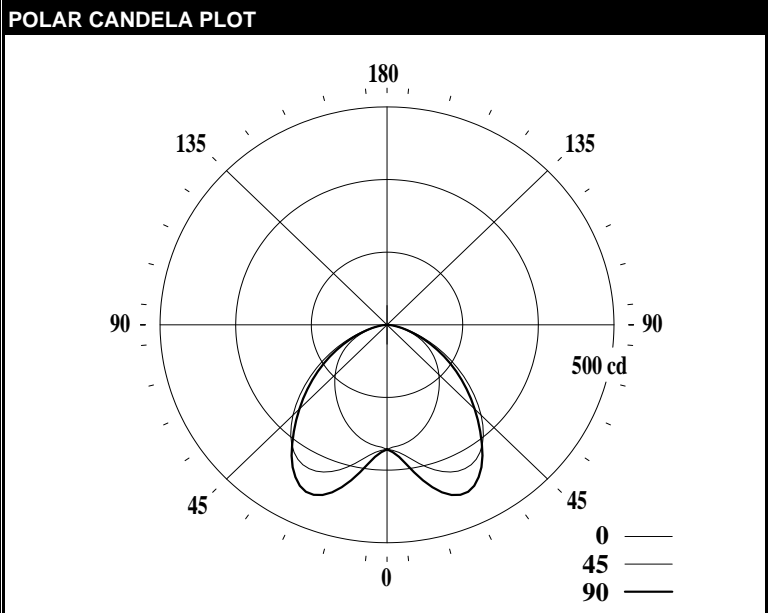


# LEDALITE - TRUGROOVE RECESSED MICRO

<b>TEST DATE:</b>	14 Dec 2017	<b>CATALOG NO:</b>	23x1LSMQxx04
<b>Lamp Type:</b>	LED	<b>Description:</b>	SYMMETRIC 1000LM 935
<b>No. of Lamps:</b>	1		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	1005 lm      100.0%
<b>Input Watts:</b>	120 VAC      11.5	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn      87.4
<b>CIE-IES Classification:</b>	Direct	<b>Report (Ele, Col, Photo):</b>	TGMR31      F38890Color      F38893

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	286	286	286	286	286	
5	279	285	294	302	304	29
15	261	287	338	376	386	94
25	231	284	370	416	423	160
35	197	263	357	372	366	199
45	162	223	293	282	273	196
55	126	166	206	193	186	161
65	85	103	120	111	107	107
75	41	46	50	47	45	50
85	8	8	9	9	8	11
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)	285.8	0.0	
Direct: Peak Candela & Angle (90deg)	422.7	25.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.13	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	0.4035	0.3887	3523      0.0005
CRI (Ra), R9	94		71
120V: P(W), I(A), THD(%), PF	11.5	0.097	14.0      0.986
277V: P(W), I(A), THD(%), PF	11.8	0.046	18.0      0.923
347V: P(W), I(A), THD(%), PF	12.0	0.037	15.8      0.931

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	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	39		
	7	66	52	44	38	64	52	43	50	43	37	35		
	8	61	48	39	34	60	47	39	46	38	33	31		
	9	57	44	36	30	56	43	35	42	35	30	28		
	10	53	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	283	28.2%	28.2%
0-40	482	47.9%	47.9%
0-60	838	83.4%	83.4%
0-90	1005	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	1005	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	5125	5125	5125
5	5021	5285	5473
15	4848	6272	7161
25	4575	7327	8364
35	4302	7820	8021
45	4096	7433	6926
55	3924	6447	5819
65	3611	5096	4523
75	2813	3444	3090
85	1543	1790	1687

LUMINAIRE SECTION



## LEDALITE

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