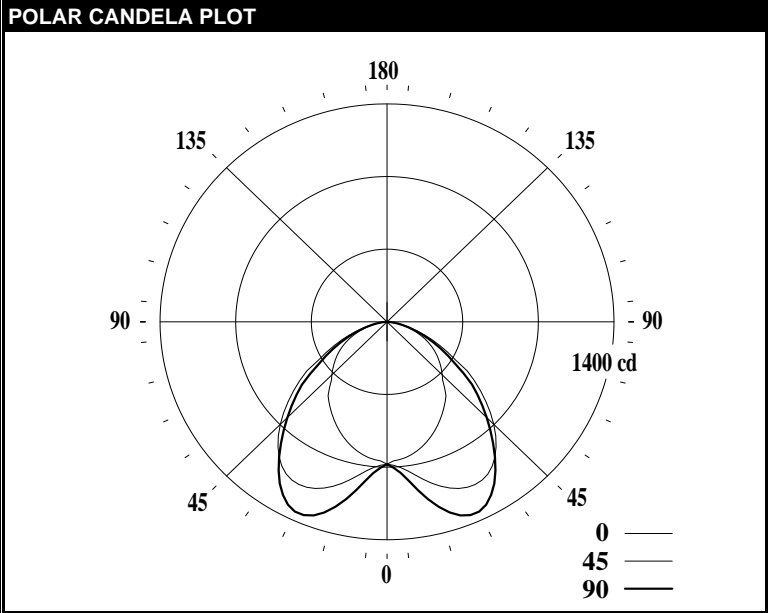


# LEDALITE - TRUGROOVE RECESSED MICRO

<b>TEST DATE:</b>	13 Dec 2017	<b>CATALOG NO:</b>	23x1LBEQxx04
<b>Lamp Type:</b>	LED	<b>Description:</b>	SYMMETRIC 3100LM 835
<b>No. of Lamps:</b>	1		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	3154 lm 100.0%
<b>Input Watts:</b>	120 VAC 31.5	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 100.1
<b>CIE-IES Classification:</b>	Direct	<b>Report (Ele, Col, Photo):</b>	TGMR17 F38888Color F38888

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	915	915	915	915	915	
5	889	911	939	967	975	91
15	832	914	1074	1198	1230	299
25	736	898	1173	1321	1345	509
35	625	831	1132	1184	1166	629
45	482	702	931	899	870	618
55	376	490	656	616	576	499
65	256	307	359	334	320	320
75	126	139	152	143	137	152
85	27	28	30	30	30	36
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	



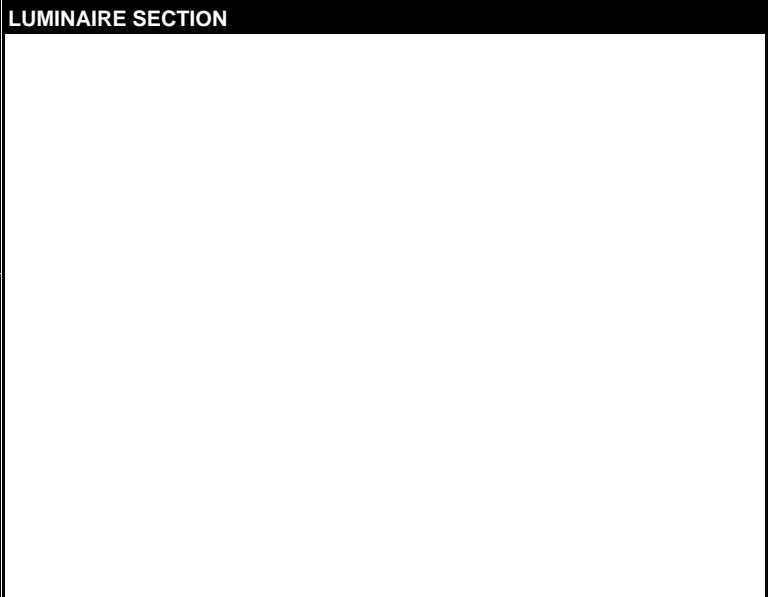
CHARACTERISTICS			
RP1			None
Direct: Peak Candela & Angle (0deg)	914.8		0.0
Direct: Peak Candela & Angle (90deg)	1345.1		25.0
Spacing Criteria (0deg, 90deg, 180deg)	1.12	1.68	N/A
Indirect: Peak Candela & Angle	N/A		N/A
Indirect: Zenith Candela, Peak to Zenith	N/A		N/A
Luminous Length, Width, Height (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	0.4061	0.3917	3490 0.0002
CRI (Ra), R9			82 11
120V: P(W), I(A), THD(%), PF	31.5	0.262	7.3 0.996
277V: P(W), I(A), THD(%), PF	31.7	0.118	13.1 0.961
347V: P(W), I(A), THD(%), PF	31.3	0.086	9.1 0.961

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

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	900	28.5%	28.5%
0-40	1529	48.5%	48.5%
0-60	2646	83.9%	83.9%
0-90	3154	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	3154	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	16405	16405	16405
5	15995	16902	17552
15	15438	19940	22840
25	14557	23205	26616
35	13689	24771	25533
45	12214	23614	22052
55	11747	20523	18015
65	10859	15238	13562
75	8696	10518	9513
85	5576	6214	6132



**LEDALITE**

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