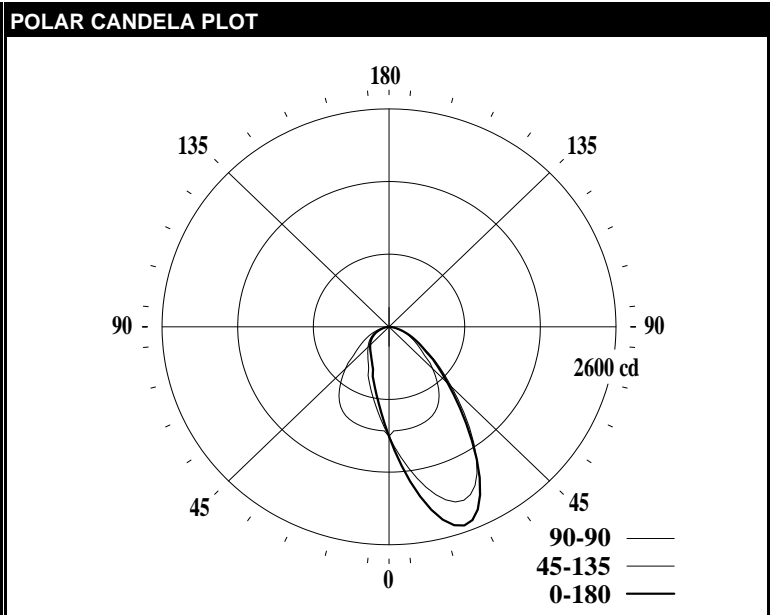


# LEDALITE - TRUGROOVE RECESSED MICRO

<b>TEST DATE:</b>	08 Jan 2019	<b>CATALOG NO:</b>	23x8LAEQxx04
<b>Lamp Type:</b>	LED	<b>Description:</b>	ASYMMETRIC 3100LM 840
<b>No. of Lamps:</b>	1		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	3052 lm 100.0%
<b>Input Watts:</b>	120 VAC 31.2	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 97.8
<b>CIE-IES Classification:</b>	Direct	<b>Report (Ele, Col, Photo):</b>	TGMR17 F38889Color S38920-8

CANDELA DISTRIBUTION		Flux				
	0	45	90	135	180	Lumens
0	1307	1307	1307	1307	1307	
5	1664	1562	1241	1102	1027	128
15	2382	2073	1226	789	677	398
25	2405	2208	1170	552	463	613
35	1656	1692	1000	423	369	640
45	952	1014	707	340	306	518
55	519	559	422	268	243	368
65	293	296	255	187	167	240
75	124	123	119	96	83	118
85	24	23	25	26	22	29
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)	2522.3	20.0	
Direct: Peak Candela & Angle (180deg)	1306.5	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.60	1.25	0.49
Indirect: Peak Candela & Angle	N/A	N/A	
Indirect: Zenith Candela, Peak to Zenith	N/A	N/A	
Luminous Length, Width, Height (ft)	0.1500	4.0000	0.0000
UGR (4H x 8H, 0.25H)	N/A		
Ballast Factor, Multiplication Factor	1.000	1.044	
DesignLights Consortium	N/A		
x, y, CCT, Duv	0.3798	0.3782	4027 0.0009
CRI (Ra), R9			84 16
120V: P(W), I(A), THD(%), PF	31.2	0.260	7.3 0.996
277V: P(W), I(A), THD(%), PF	31.4	0.117	13.1 0.961
347V: P(W), I(A), THD(%), PF	31.0	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	106	103	99	108	104	101	100	97	95	87		
2	102	95	89	84	99	93	87	89	85	81	75		
3	94	85	77	72	92	83	76	80	74	70	65		
4	87	76	68	62	85	75	67	72	66	61	57		
5	80	69	61	55	78	68	60	66	59	54	51		
6	75	63	54	49	73	62	54	60	53	48	45		
7	70	57	49	44	68	56	49	55	48	43	41		
8	65	53	45	39	64	52	44	51	44	39	37		
9	61	49	41	36	60	48	41	47	40	35	33		
10	57	45	38	33	56	45	37	44	37	32	31		

\*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY			
Zone	Lumens	%Fixture	%Lamp
0-30	1139	37.3%	37.3%
0-40	1779	58.3%	58.3%
0-60	2665	87.3%	87.3%
0-90	3052	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	3052	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	90	180
0	23429	23429	23429
5	29946	22348	18493
15	44218	22765	12566
25	47592	23155	9168
35	36249	21896	8084
45	24142	17925	7750
55	16216	13187	7599
65	12422	10809	7066
75	8623	8247	5736
85	4984	5156	4533

LUMINAIRE SECTION	



**LEDALITE**

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