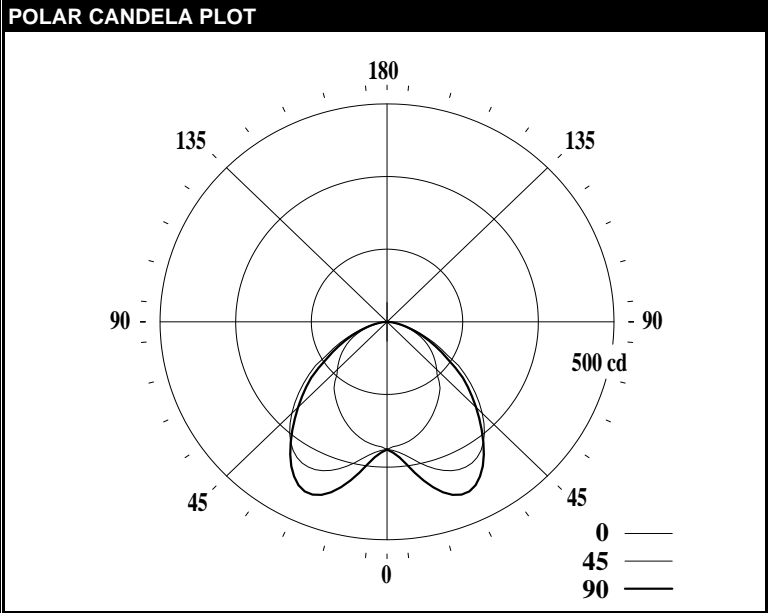


LEDALITE - TRUGROOVE RECESSED MICRO

TEST DATE:	08 Jan 2019	CATALOG NO:	23x1LAMQxx04
Lamp Type:	LED	Description:	SYMMETRIC 1000LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	1007 lm 100.0%
Input Watts:	120 VAC 9.7	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 103.8
CIE-IES Classification:	Direct	Report (Ele, Col, Photo):	TGMR23 F38889Color S38889-3

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	293	293	293	293	293	
5	285	292	300	309	312	29
15	267	292	343	383	393	96
25	236	287	374	422	429	163
35	201	265	361	378	372	201
45	155	224	297	287	277	197
55	121	156	209	196	184	159
65	82	98	115	106	102	102
75	40	44	48	46	44	49
85	9	9	10	10	10	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)	292.9	0.0	
Direct: Peak Candela & Angle (90deg)	429.2	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	0.317	
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	9.7	0.082	14.5 0.984
277V: P(W), I(A), THD(%), PF	10.1	0.040	19.9 0.902
347V: P(W), I(A), THD(%), PF	10.3	0.032	16.7 0.916

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	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	50	75	64	55	61	54	49	46		
6	71	58	50	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	287	28.6%	28.6%
0-40	488	48.5%	48.5%
0-60	845	83.9%	83.9%
0-90	1007	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	1007	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	5253	5253	5253
5	5130	5408	5615
15	4954	6367	7298
25	4675	7403	8493
35	4400	7894	8139
45	3924	7524	7033
55	3766	6547	5744
65	3483	4864	4325
75	2776	3356	3044
85	1761	2002	1976

LUMINAIRE SECTION



LEDALITE

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