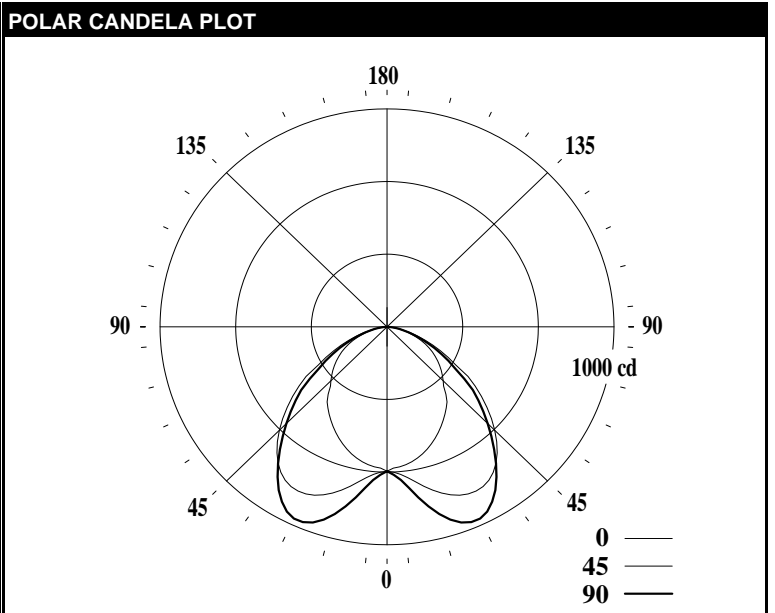


LEDALITE - TRUGROOVE RECESSED MICRO

TEST DATE:	08 Jan 2019	CATALOG NO:	23x1LAGQxx04
Lamp Type:	LED	Description:	SYMMETRIC 2200LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	2277 lm 100.0%
Input Watts:	120 VAC 21.9	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 104.0
CIE-IES Classification:	Direct	Report (Ele, Col, Photo):	TGMR19 F38889Color S38889-1

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	663	663	663	663	663	
5	645	660	679	700	706	66
15	604	661	776	865	889	217
25	534	649	846	954	971	368
35	455	599	816	855	841	454
45	350	506	671	649	627	446
55	273	353	474	444	416	360
65	186	221	259	240	231	231
75	91	100	110	103	99	110
85	19	20	22	22	22	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)	662.5	0.0	
Direct: Peak Candela & Angle (90deg)	970.8	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	0.3798	0.3782	4027 0.0009
CRI (Ra), R9	84		16
120V: P(W), I(A), THD(%), PF	21.9	0.185	12.1 0.989
277V: P(W), I(A), THD(%), PF	22.2	0.086	17.0 0.932
347V: P(W), I(A), THD(%), PF	22.0	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	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	650	28.6%	28.6%
0-40	1104	48.5%	48.5%
0-60	1911	83.9%	83.9%
0-90	2277	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	2277	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	45	90
0	11881	11881	11881
5	11604	12231	12701
15	11205	14401	16507
25	10574	16744	19210
35	9952	17855	18409
45	8876	17019	15908
55	8519	14809	12991
65	7877	11002	9782
75	6280	7591	6886
85	3983	4529	4470

LUMINAIRE SECTION



LEDALITE

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