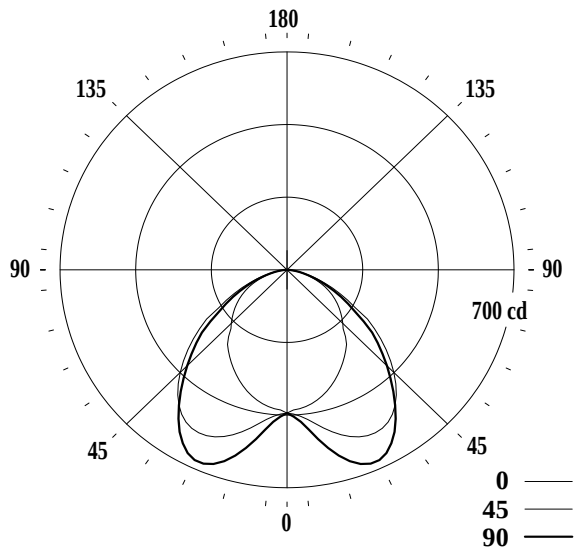
LEDALITE - TRUGROOVE RECESSED MICRO

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**23x1LAKQxx04**
Lamp Type:	LED	**Description:**	SYMMETRIC 1500LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1581 lm 100.0%
Input Watts:	120 VAC 14.7	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 107.6
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGMR21 F38889Color S38889-2

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	460	460	460	460	460	
5	448	458	472	486	490	46
15	419	459	539	601	618	150
25	371	451	588	662	674	255
35	316	416	567	594	584	316
45	243	351	466	451	436	310
55	189	245	329	308	289	250
65	129	153	180	167	160	160
75	63	69	76	72	69	76
85	13	14	15	15	15	18
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	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Normal spaces			
Direct: Peak Candela & Angle (0deg)			460.2	0.0
Direct: Peak Candela & Angle (90deg)			674.3	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	0.498
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	14.7	0.122	11.4	0.991
277V: P(W), I(A), THD(%), PF	14.9	0.057	17.8	0.942
347V: P(W), I(A), THD(%), PF	15.1	0.045	13.1	0.954

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	452	28.6%	28.6%
0-40	767	48.5%	48.5%
0-60	1327	83.9%	83.9%
0-90	1581	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	1581	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	8252	8252	8252
5	8059	8495	8821
15	7782	10002	11465
25	7344	11630	13342
35	6912	12402	12786
45	6165	11820	11049
55	5917	10286	9023
65	5471	7641	6794
75	4362	5273	4783
85	2767	3146	3105

LUMINAIRE SECTION

LEDALITE

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