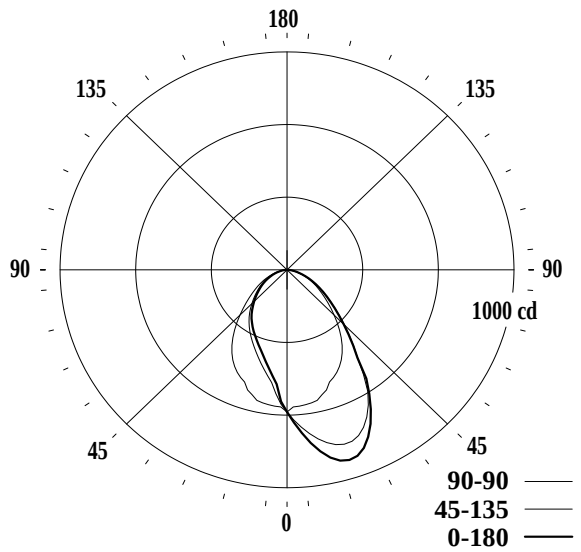
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x8LAKQxx04**
Lamp Type:	LED	**Description:**	ASYMMETRIC 1500LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1338 lm 100.0%
Input Watts:	120 VAC 14.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 95.6
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1281 F38547Color S38555-8

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	652	652	652	652	652	
5	752	725	628	570	526	61
15	906	830	594	444	407	178
25	846	797	519	362	333	260
35	609	587	423	292	273	270
45	353	358	294	219	206	222
55	214	213	187	155	145	165
65	123	121	114	100	92	110
75	56	53	54	51	46	56
85	15	13	14	15	13	16
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-Critical spaces			
Direct: Peak Candela & Angle (0deg)			914.9	17.5
Direct: Peak Candela & Angle (180deg)			652.2	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.41	1.11	0.66
Indirect: Peak Candela & Angle			N/A	N/A
Indirect: Zenith Candela, Peak to Zenith			N/A	N/A
Luminous Length, Width, Height (ft)		0.2500	4.0000	0.0000
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	1.042
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.3836	0.3813	3948	0.0013
CRI (Ra), R9			84	14
120V: P(W), I(A), THD(%), PF	14.0	0.118	11.3	0.990
277V: P(W), I(A), THD(%), PF	14.2	0.054	15.4	0.940
347V: P(W), I(A), THD(%), PF	N/A	N/A	N/A	N/A

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	106	102	99	108	104	100	100	97	94	87
2	102	94	88	83	99	92	87	89	84	80	75
3	94	84	77	71	91	83	76	80	74	69	65
4	87	76	68	62	84	74	67	72	66	61	57
5	80	69	60	54	78	67	60	65	59	54	50
6	75	62	54	48	73	61	54	60	53	48	45
7	70	57	49	43	68	56	49	55	48	43	40
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	33	31

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	500	37.3%	37.3%
0-40	769	57.5%	57.5%
0-60	1157	86.4%	86.4%
0-90	1338	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	1338	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	7018	7018	7018
5	8117	6779	5685
15	10094	6612	4533
25	10046	6161	3959
35	7999	5560	3583
45	5374	4467	3127
55	4007	3507	2713
65	3133	2889	2348
75	2335	2244	1906
85	1814	1711	1634

LUMINAIRE SECTION

LEDALITE

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