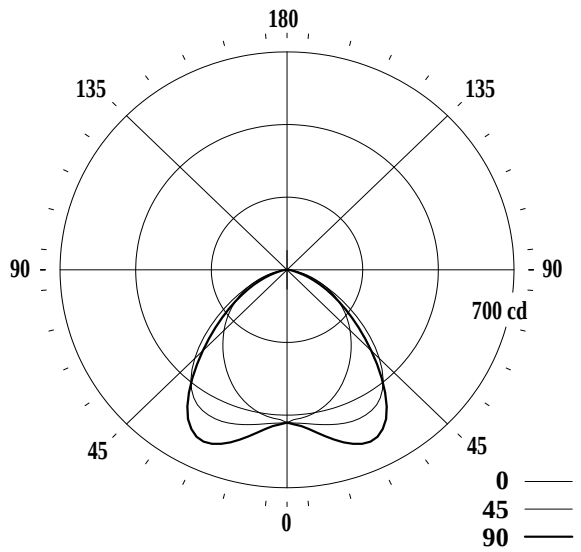
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x1LAKRxx04**
Lamp Type:	LED	**Description:**	MESO REGRESSED 1500LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1407 lm 100.0%
Input Watts:	120 VAC 14.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 100.5
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1281 F38547Color S38549-8

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	491	491	491	491	491	
5	479	487	495	503	504	47
15	452	473	515	553	565	145
25	403	442	527	593	609	238
35	341	393	502	540	536	291
45	275	325	403	385	368	276
55	207	238	263	232	220	212
65	135	143	138	119	112	130
75	63	61	51	41	37	55
85	12	10	9	9	9	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	

POLAR CANDELA PLOT



CHARACTERISTICS

RP1	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			490.7	0.0
Direct: Peak Candela & Angle (90deg)			608.9	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.14	1.54	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	0.2500	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	98	107	103	100	99	96	94	86
2	101	93	87	82	98	91	86	88	83	79	74
3	92	83	75	69	90	81	74	78	72	67	63
4	85	74	65	59	83	72	65	70	63	58	54
5	78	66	58	51	76	65	57	63	56	50	47
6	72	60	51	45	71	59	51	57	50	44	42
7	67	54	46	40	66	53	45	52	45	39	37
8	63	50	41	36	61	49	41	48	40	35	33
9	58	45	37	32	57	45	37	44	37	32	30
10	55	42	34	29	54	41	34	40	34	29	27

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	431	30.6%	30.6%
0-40	722	51.3%	51.3%
0-60	1210	86.0%	86.0%
0-90	1407	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	1407	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5280	5280	5280
5	5170	5345	5443
15	5034	5733	6291
25	4785	6260	7230
35	4480	6593	7041
45	4183	6132	5594
55	3886	4924	4119
65	3425	3510	2863
75	2599	2123	1547
85	1492	1093	1081

LUMINAIRE SECTION

LEDALITE

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