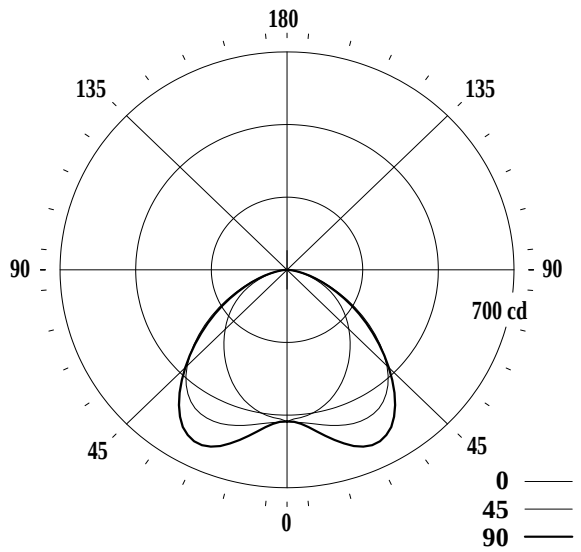
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x1LAKQxx04**
Lamp Type:	LED	**Description:**	MESO FLUSH 1500LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1543 lm 100.0%
Input Watts:	120 VAC 14.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 110.2
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1281 F38547Color S38545-8

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	487	487	487	487	487	
5	477	484	492	501	496	47
15	449	471	517	559	566	146
25	399	443	537	608	621	242
35	336	395	517	577	576	303
45	270	327	436	456	444	303
55	204	241	310	310	299	249
65	132	149	179	177	169	163
75	60	65	74	74	72	75
85	11	11	13	14	14	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-Normal spaces			
Direct: Peak Candela & Angle (0deg)			487.1	0.0
Direct: Peak Candela & Angle (90deg)			621.3	25.0
Spacing Criteria (0deg, 90deg, 180deg)		1.14	1.64	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	105	101	97	107	103	99	99	96	93	85
2	100	92	86	80	97	90	84	87	82	77	72
3	91	81	73	67	89	80	72	77	71	65	61
4	84	72	64	57	82	71	63	68	61	56	52
5	77	65	56	49	75	63	55	61	54	48	45
6	71	58	49	43	69	57	49	55	48	42	40
7	66	53	44	38	64	52	44	50	43	37	35
8	61	48	40	34	60	47	39	46	39	33	31
9	57	44	36	30	56	43	36	42	35	30	28
10	54	40	33	27	52	40	32	39	32	27	25

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	435	28.2%	28.2%
0-40	737	47.8%	47.8%
0-60	1289	83.5%	83.5%
0-90	1543	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	1543	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	5242	5242	5242
5	5147	5319	5362
15	5003	5763	6303
25	4739	6371	7377
35	4415	6792	7565
45	4107	6628	6755
55	3818	5809	5602
65	3372	4552	4292
75	2495	3089	2972
85	1325	1634	1685

LUMINAIRE SECTION

LEDALITE

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