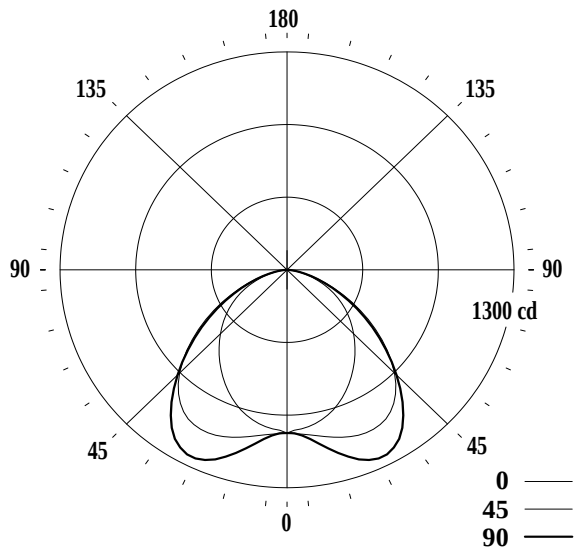
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x1LAEQxx04**
Lamp Type:	LED	**Description:**	MESO FLUSH 3000LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3083 lm 100.0%
Input Watts:	120 VAC 29.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 104.5
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1283 F38547Color S38545-A

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	973	973	973	973	973	
5	952	968	984	1000	992	94
15	897	941	1034	1118	1131	291
25	798	884	1072	1216	1242	483
35	672	790	1033	1152	1151	605
45	539	653	870	911	887	606
55	407	482	619	619	597	497
65	265	297	357	353	337	325
75	120	130	148	148	143	150
85	21	23	26	28	27	32
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				None
Direct: Peak Candela & Angle (0deg)			973.3	0.0
Direct: Peak Candela & Angle (90deg)			1241.5	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	2.082
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	29.5	0.247	7.3	0.995
277V: P(W), I(A), THD(%), PF	29.4	0.110	10.4	0.960
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	868	28.2%	28.2%
0-40	1473	47.8%	47.8%
0-60	2575	83.5%	83.5%
0-90	3083	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	3083	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	10473	10473	10473
5	10284	10628	10713
15	9996	11515	12594
25	9470	12730	14739
35	8823	13570	15115
45	8206	13243	13496
55	7628	11608	11194
65	6737	9096	8577
75	4986	6171	5938
85	2647	3264	3367

LUMINAIRE SECTION

LEDALITE

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