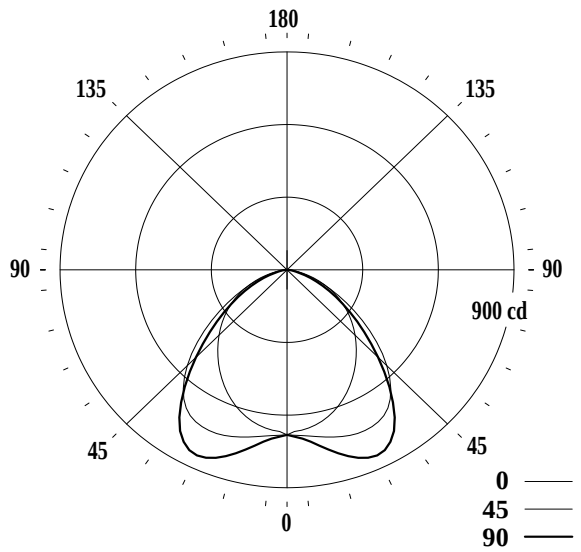
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x1LAGRxx04**
Lamp Type:	LED	**Description:**	MESO REGRESSED 2200LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1954 lm 100.0%
Input Watts:	120 VAC 20.4	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 95.8
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1282 F38547Color S38549-9

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	681	681	681	681	681	
5	665	676	687	698	700	66
15	628	656	715	768	784	202
25	560	614	732	823	846	330
35	474	546	697	750	744	404
45	382	451	560	535	511	383
55	288	330	365	322	305	294
65	187	198	191	165	156	181
75	87	84	71	57	52	77
85	17	13	12	12	12	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)			681.4	0.0
Direct: Peak Candela & Angle (90deg)			845.6	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	1.447
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	20.4	0.172	13.0	0.988
277V: P(W), I(A), THD(%), PF	20.8	0.081	17.6	0.924
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	598	30.6%	30.6%
0-40	1002	51.3%	51.3%
0-60	1680	86.0%	86.0%
0-90	1954	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	1954	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	7332	7332	7332
5	7180	7422	7558
15	6991	7961	8736
25	6645	8693	10040
35	6221	9156	9777
45	5809	8515	7768
55	5396	6838	5719
65	4756	4874	3975
75	3609	2948	2148
85	2072	1518	1501

LUMINAIRE SECTION

LEDALITE

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