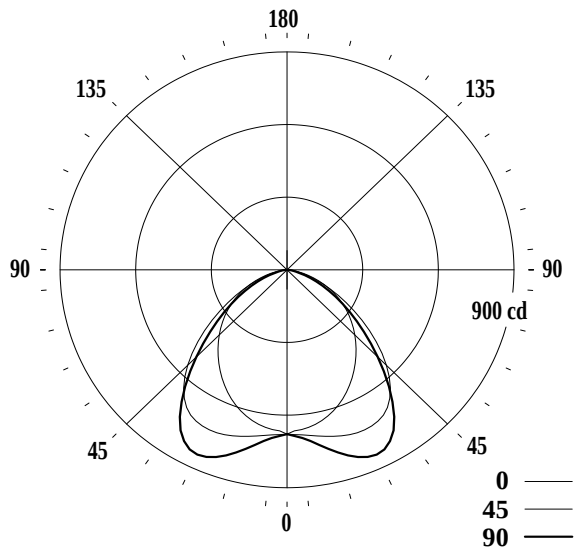
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x1LBGRxx04**
Lamp Type:	LED	**Description:**	MESO REGRESSED 2200LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1946 lm 100.0%
Input Watts:	120 VAC 20.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 94.9
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1282 F38546Color S38549-5

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	679	679	679	679	679	
5	662	673	684	695	697	66
15	625	654	712	765	781	201
25	557	611	729	820	842	329
35	472	544	694	747	741	403
45	380	449	557	533	508	382
55	287	329	363	321	304	293
65	186	197	191	164	156	180
75	87	84	71	57	51	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)			678.6	0.0
Direct: Peak Candela & Angle (90deg)			842.1	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	1.441
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4097	0.3945	3437	0.0007
CRI (Ra), R9			82	10
120V: P(W), I(A), THD(%), PF	20.5	0.173	13.0	0.988
277V: P(W), I(A), THD(%), PF	20.9	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	595	30.6%	30.6%
0-40	998	51.3%	51.3%
0-60	1673	86.0%	86.0%
0-90	1946	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	1946	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	7301	7301	7301
5	7150	7392	7527
15	6962	7928	8700
25	6617	8657	9998
35	6195	9118	9737
45	5785	8479	7736
55	5374	6809	5696
65	4736	4854	3959
75	3594	2935	2139
85	2064	1512	1494

LUMINAIRE SECTION

LEDALITE

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