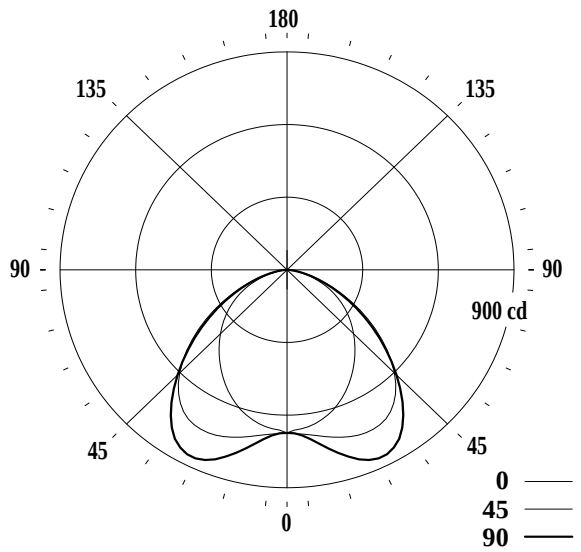
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x1LBGQxx04**
Lamp Type:	LED	**Description:**	MESO FLUSH 2200LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2134 lm 100.0%
Input Watts:	120 VAC 20.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 104.1
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1282 F38546Color S38545-5

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	674	674	674	674	674	
5	659	670	681	692	687	65
15	621	651	716	774	783	202
25	552	612	742	841	859	334
35	465	547	715	797	796	419
45	373	452	602	630	614	419
55	281	333	428	429	413	344
65	183	206	247	244	233	225
75	83	90	103	103	99	104
85	15	16	18	20	19	22
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)			673.7	0.0
Direct: Peak Candela & Angle (90deg)			859.3	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	1.441
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	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	601	28.2%	28.2%
0-40	1020	47.8%	47.8%
0-60	1782	83.5%	83.5%
0-90	2134	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	2134	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	7249	7249	7249
5	7118	7356	7415
15	6918	7970	8716
25	6554	8811	10202
35	6106	9392	10462
45	5679	9166	9341
55	5279	8034	7747
65	4663	6296	5936
75	3451	4271	4110
85	1832	2259	2331

LUMINAIRE SECTION

LEDALITE

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