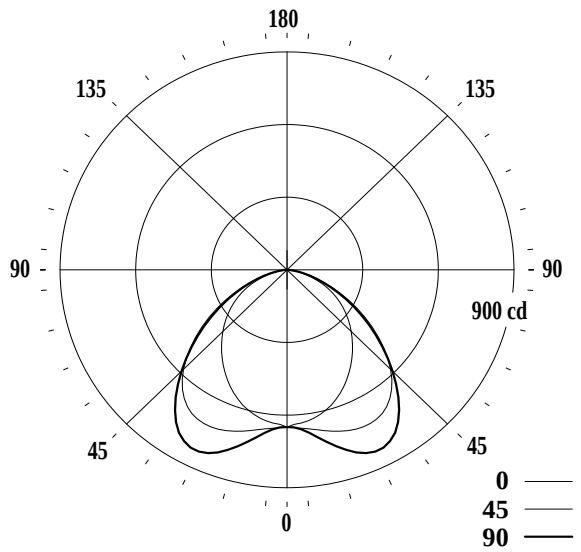
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x1LCGQxx04**
Lamp Type:	LED	**Description:**	MESO FLUSH 2200LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2057 lm 100.0%
Input Watts:	120 VAC 20.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 100.3
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1282 F38541Color S38545-1

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	649	649	649	649	649	
5	635	646	656	667	662	63
15	599	628	690	746	754	194
25	532	590	715	811	828	322
35	448	527	689	769	768	404
45	360	436	581	608	592	404
55	271	321	413	413	398	331
65	177	198	238	235	225	217
75	80	86	99	99	95	100
85	14	15	18	19	18	21
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)			649.4	0.0
Direct: Peak Candela & Angle (90deg)			828.3	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	1.389
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4334	0.4017	3040	0.0006
CRI (Ra), R9			84	16
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	579	28.2%	28.2%
0-40	983	47.8%	47.8%
0-60	1718	83.5%	83.5%
0-90	2057	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	2057	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	6987	6987	6987
5	6861	7090	7147
15	6669	7682	8402
25	6318	8493	9833
35	5886	9053	10084
45	5474	8835	9004
55	5089	7744	7468
65	4495	6069	5722
75	3326	4117	3961
85	1766	2178	2246

LUMINAIRE SECTION

LEDALITE

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