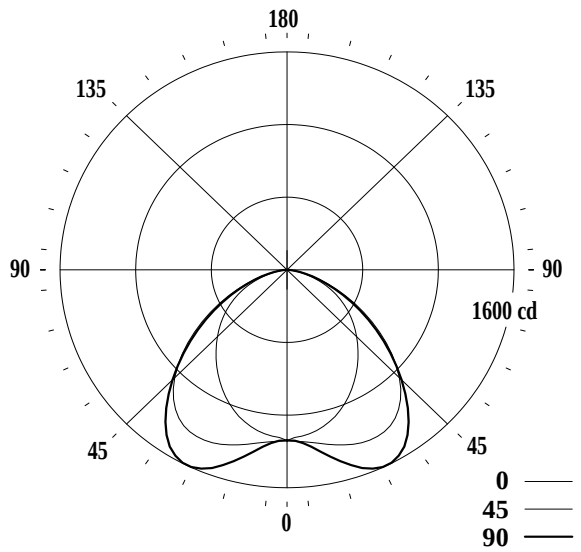
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x1LCDQxx04**
Lamp Type:	LED	**Description:**	MESO FLUSH 4000LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	3967 lm 100.0%
Input Watts:	120 VAC 41.8	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 94.9
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1284 F38541Color S38545-3

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1252	1252	1252	1252	1252	
5	1225	1245	1266	1287	1276	121
15	1155	1211	1330	1438	1455	375
25	1026	1138	1380	1564	1598	621
35	864	1016	1329	1482	1481	779
45	694	840	1120	1172	1141	779
55	523	620	796	797	768	639
65	341	383	460	454	434	418
75	154	167	191	191	184	194
85	28	29	34	36	35	41
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)			1252.4	0.0
Direct: Peak Candela & Angle (90deg)			1597.5	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	2.679
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	41.8	0.350	5.8	0.997
277V: P(W), I(A), THD(%), PF	41.2	0.153	10.5	0.974
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	1117	28.2%	28.2%
0-40	1896	47.8%	47.8%
0-60	3314	83.5%	83.5%
0-90	3967	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	3967	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	13476	13476	13476
5	13233	13675	13785
15	12862	14817	16205
25	12185	16380	18966
35	11352	17461	19450
45	10558	17040	17366
55	9815	14936	14404
65	8669	11705	11036
75	6415	7941	7640
85	3407	4200	4333

LUMINAIRE SECTION

LEDALITE

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