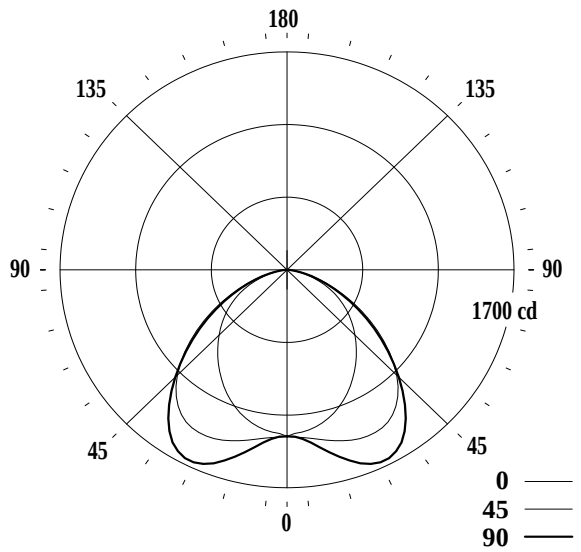
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x1LBDQxx04**
Lamp Type:	LED	**Description:**	MESO FLUSH 4000LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4115 lm 100.0%
Input Watts:	120 VAC 41.8	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 98.4
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1284 F38546Color S38545-7

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1299	1299	1299	1299	1299	
5	1271	1291	1313	1335	1324	126
15	1198	1256	1380	1492	1509	389
25	1065	1180	1431	1622	1657	644
35	897	1054	1379	1538	1536	808
45	720	872	1162	1216	1184	808
55	543	643	826	827	797	663
65	353	397	477	471	450	434
75	160	173	198	198	191	201
85	29	30	35	38	36	43
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)			1299.2	0.0
Direct: Peak Candela & Angle (90deg)			1657.1	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	2.779
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	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	1159	28.2%	28.2%
0-40	1967	47.8%	47.8%
0-60	3437	83.5%	83.5%
0-90	4115	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	4115	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	13979	13979	13979
5	13726	14186	14300
15	13342	15370	16810
25	12640	16992	19674
35	11776	18113	20176
45	10953	17676	18015
55	10181	15494	14941
65	8993	12141	11448
75	6655	8237	7926
85	3534	4357	4494

LUMINAIRE SECTION

LEDALITE

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