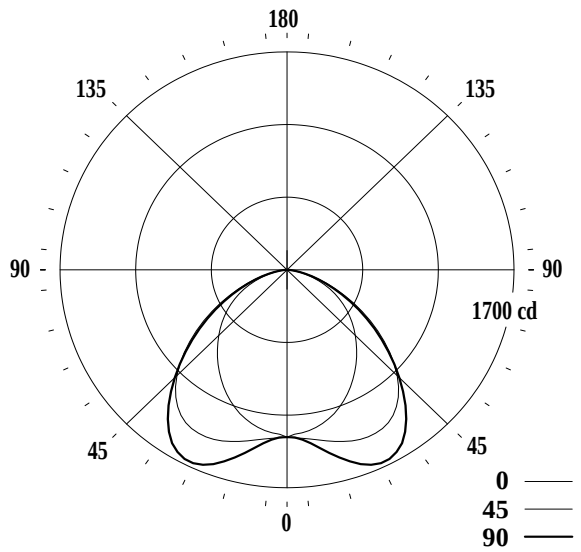
LEDALITE - TRUGROOVE LED

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**39x1LADQxx04**
Lamp Type:	LED	**Description:**	MESO FLUSH 4000LM 840
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	4133 lm 100.0%
Input Watts:	120 VAC 41.5	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 99.6
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	ET1284 F38547Color S38545-B

CANDELA DISTRIBUTION

	0	22.5	45	67.5	90	Flux Lumens
0	1305	1305	1305	1305	1305	
5	1276	1297	1319	1341	1330	126
15	1203	1262	1386	1498	1516	391
25	1069	1185	1437	1629	1664	647
35	900	1059	1385	1544	1543	811
45	723	875	1167	1221	1189	812
55	545	646	830	830	800	666
65	355	399	479	473	452	436
75	161	174	199	198	192	202
85	29	30	35	38	37	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)			1304.8	0.0
Direct: Peak Candela & Angle (90deg)			1664.3	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	2.791
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.3836	0.3813	3948	0.0013
CRI (Ra), R9			84	14
120V: P(W), I(A), THD(%), PF	41.5	0.347	5.8	0.997
277V: P(W), I(A), THD(%), PF	40.9	0.152	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	1164	28.2%	28.2%
0-40	1975	47.8%	47.8%
0-60	3452	83.5%	83.5%
0-90	4133	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	4133	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	45	90
0	14040	14040	14040
5	13786	14247	14361
15	13400	15436	16882
25	12694	17065	19759
35	11827	18191	20263
45	11000	17753	18092
55	10225	15561	15006
65	9032	12194	11497
75	6683	8273	7960
85	3549	4376	4514

LUMINAIRE SECTION

LEDALITE

Ledalite
19750 - 92A Avenue
Langley, BC
CANADA V1M 3B2
Phone: 604-888-6811
Fax: 800-665-5332
604-888-2003