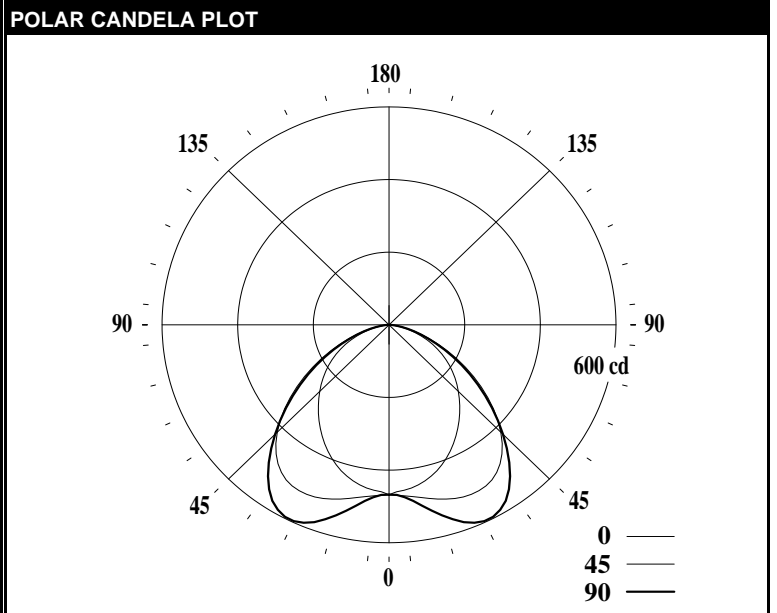


# LEDALITE - TRUGROOVE LED

<b>TEST DATE:</b>	18 Oct 2017	<b>CATALOG NO:</b>	39x1LCKQxx04
<b>Lamp Type:</b>	LED	<b>Description:</b>	MESO FLUSH 1500LM 830
<b>No. of Lamps:</b>	1		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	1481 lm 100.0%
<b>Input Watts:</b>	120 VAC 14.1	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 105.0
<b>CIE-IES Classification:</b>	Direct	<b>Report (Ele, Col, Photo):</b>	ET1281 F38541Color F38545

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	468	468	468	468	468	
5	457	465	473	481	476	45
15	431	452	497	537	543	140
25	383	425	515	584	596	232
35	323	379	496	553	553	291
45	259	314	418	438	426	291
55	195	231	297	297	287	239
65	127	143	172	169	162	156
75	58	62	71	71	69	72
85	10	11	13	14	13	15
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	



CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	467.5	0.0	
Direct: Peak Candela & Angle (90deg)	596.3	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	1.000	
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	14.1	0.119	11.3 0.990
277V: P(W), I(A), THD(%), PF	14.3	0.055	15.4 0.940
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	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	417	28.2%	28.2%
0-40	708	47.8%	47.8%
0-60	1237	83.5%	83.5%
0-90	1481	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	1481	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	5030	5030	5030
5	4939	5105	5146
15	4801	5531	6049
25	4548	6114	7079
35	4238	6518	7260
45	3941	6361	6482
55	3664	5575	5376
65	3236	4369	4119
75	2395	2964	2852
85	1272	1568	1617

LUMINAIRE SECTION	



**LEDALITE**

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