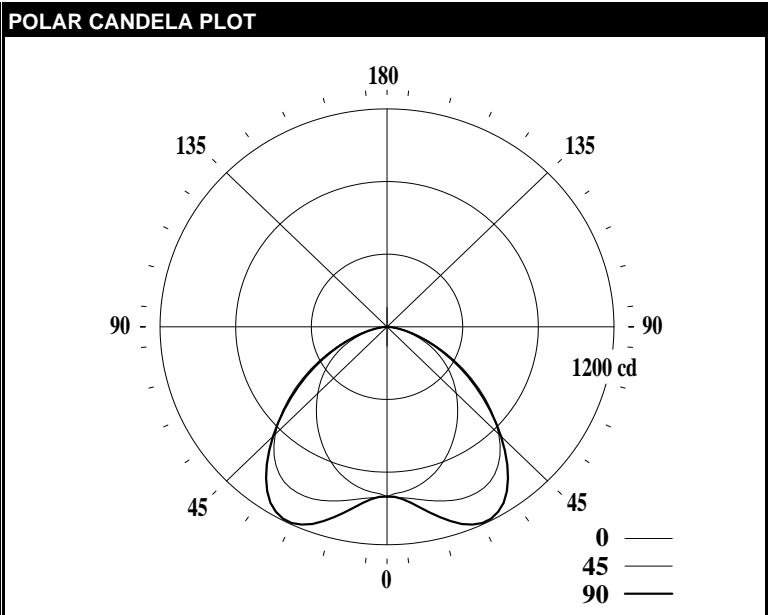


# LEDALITE - TRUGROOVE LED

<b>TEST DATE:</b>	08 Jan 2019	<b>CATALOG NO:</b>	39x1LCEQxx04
<b>Lamp Type:</b>	LED	<b>Description:</b>	MESO FLUSH 3000LM 830
<b>No. of Lamps:</b>	1		
<b>Rated Lamp Lumens:</b>	-1	<b>Flux (lm), Efficiency (%):</b>	2960 lm 100.0%
<b>Input Watts:</b>	120 VAC 29.7	<b>Up/Dn Ratio, Efficacy (lm/W):</b>	0% Up / 100% Dn 99.7
<b>CIE-IES Classification:</b>	Direct	<b>Report (Ele, Col, Photo):</b>	ET1283 F38541Color S38545-2

CANDELA DISTRIBUTION						Flux
	0	22.5	45	67.5	90	Lumens
0	935	935	935	935	935	
5	914	929	945	961	952	91
15	862	904	993	1073	1086	280
25	766	849	1030	1167	1192	463
35	645	758	992	1106	1105	581
45	518	627	836	875	852	581
55	390	463	594	595	573	477
65	254	286	343	339	323	312
75	115	124	143	142	137	144
85	21	22	25	27	26	31
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			None
Direct: Peak Candela & Angle (0deg)	934.5		0.0
Direct: Peak Candela & Angle (90deg)	1192.0		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		1.999
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	29.7	0.249	7.3 0.995
277V: P(W), I(A), THD(%), PF	29.6	0.111	10.4 0.960
347V: P(W), I(A), THD(%), PF	N/A	N/A	N/A N/A

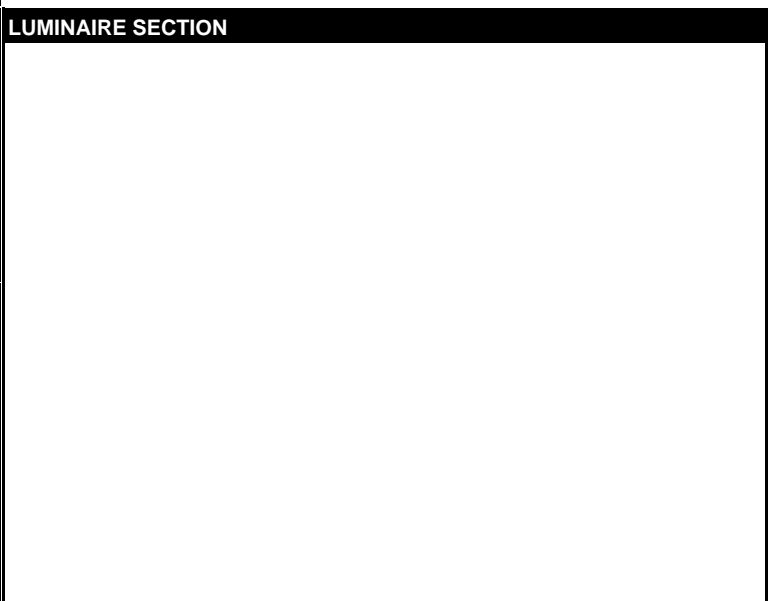
COEFFICIENTS OF UTILIZATION (%)													
Pc---	80				70				50				0
Pw---	70	50	30	10	70	50	30	50	30	10	0	0	
RCR	0	119	119	119	119	116	116	116	111	111	111	100	
	1	110	105	101	97	107	103	99	99	96	93	85	
	2	100	92	86	80	97	90	84	87	82	77	72	
	3	91	81	73	67	89	80	72	77	71	65	61	
	4	84	72	64	57	82	71	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	834	28.2%	28.2%
0-40	1415	47.8%	47.8%
0-60	2473	83.5%	83.5%
0-90	2960	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	2960	100.0%	100.0%

AVG LUMINANCE (cd/m <sup>2</sup> )			
	0	45	90
0	10056	10056	10056
5	9874	10204	10286
15	9598	11056	12092
25	9092	12222	14152
35	8471	13029	14513
45	7878	12715	12958
55	7324	11145	10748
65	6469	8734	8235
75	4787	5925	5701
85	2542	3134	3233



**LEDALITE**

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