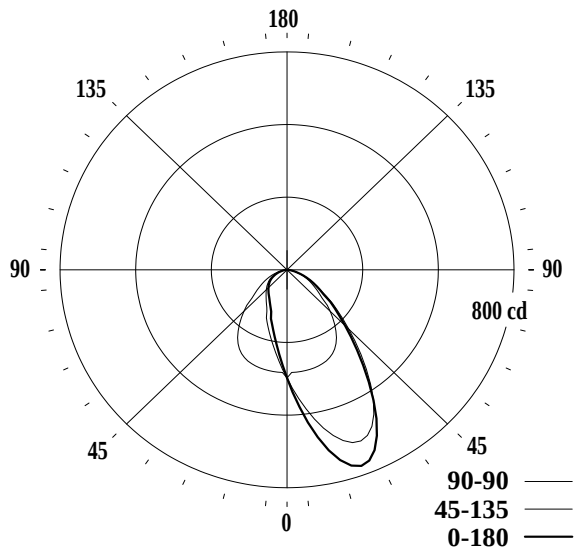
LEDALITE - TRUGROOVE RECESSED MICRO

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**23x8LCMQxx04**
Lamp Type:	LED	**Description:**	ASYMMETRIC 1000LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	927 lm 100.0%
Input Watts:	120 VAC 9.8	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 94.6
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGMR23 F38884Color S38920-3

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	397	397	397	397	397	
5	505	474	377	335	312	39
15	723	630	372	240	206	121
25	730	671	355	168	141	186
35	503	514	304	128	112	194
45	289	308	215	103	93	157
55	158	170	128	82	74	112
65	89	90	77	57	51	73
75	38	37	36	29	25	36
85	7	7	8	8	7	9
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	Meets RP-1-12 recommendations for VDT-Critical spaces			
Direct: Peak Candela & Angle (0deg)			765.9	20.0
Direct: Peak Candela & Angle (180deg)			396.7	0.0
Spacing Criteria (0deg, 90deg, 180deg)		1.60	1.25	0.49
Indirect: Peak Candela & Angle			N/A	N/A
Indirect: Zenith Candela, Peak to Zenith			N/A	N/A
Luminous Length, Width, Height (ft)		0.1500	4.0000	0.0000
UGR (4H x 8H, 0.25H)				N/A
Ballast Factor, Multiplication Factor			1.000	0.317
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4308	0.3998	3071	0.0009
CRI (Ra), R9			84	16
120V: P(W), I(A), THD(%), PF	9.8	0.083	14.5	0.984
277V: P(W), I(A), THD(%), PF	10.2	0.041	19.9	0.902
347V: P(W), I(A), THD(%), PF	10.4	0.033	16.7	0.916

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	106	103	99	108	104	101	100	97	95	87
2	102	95	89	84	99	93	87	89	85	81	75
3	94	85	77	72	92	83	76	80	74	70	65
4	87	76	68	62	85	75	67	72	66	61	57
5	80	69	61	55	78	68	60	66	59	54	51
6	75	63	54	49	73	62	54	60	53	48	45
7	70	57	49	44	68	56	49	55	48	43	41
8	65	53	45	39	64	52	44	51	44	39	37
9	61	49	41	36	60	48	41	47	40	35	33
10	57	45	38	33	56	45	37	44	37	32	31

*Based on a floor reflectance of 0.2

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixture	%Lamp
0-30	346	37.3%	37.3%
0-40	540	58.3%	58.3%
0-60	809	87.3%	87.3%
0-90	927	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	927	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	7114	7114	7114
5	9093	6786	5615
15	13426	6912	3816
25	14451	7031	2784
35	11007	6648	2455
45	7331	5443	2353
55	4924	4004	2307
65	3772	3282	2146
75	2618	2504	1742
85	1513	1565	1376

LUMINAIRE SECTION

LEDALITE

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