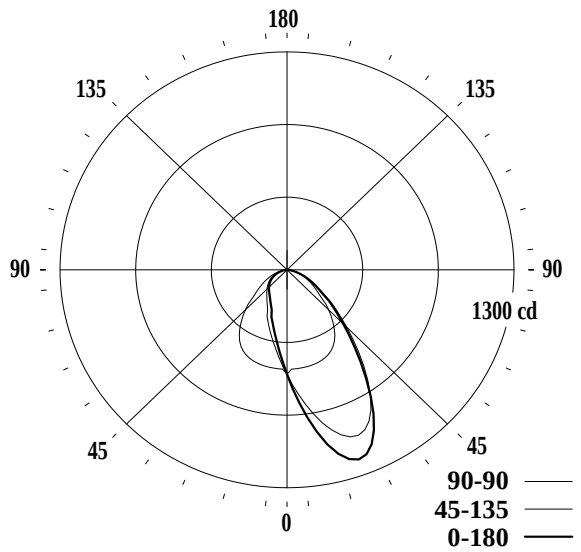
LEDALITE - TRUGROOVE RECESSED MICRO

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**23x8LCKQxx04**
Lamp Type:	LED	**Description:**	ASYMMETRIC 1500LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	1456 lm 100.0%
Input Watts:	120 VAC 14.9	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 97.7
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGMR21 F38884Color S38920-2

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	623	623	623	623	623	
5	794	745	592	526	490	61
15	1136	989	585	377	323	190
25	1147	1053	558	263	221	292
35	790	807	477	202	176	305
45	454	484	337	162	146	247
55	247	267	201	128	116	176
65	140	141	122	89	79	114
75	59	59	57	46	40	56
85	12	11	12	12	11	14
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)			1203.2	20.0
Direct: Peak Candela & Angle (180deg)			623.2	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	0.498
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	14.9	0.124	11.4	0.991
277V: P(W), I(A), THD(%), PF	15.1	0.057	17.8	0.942
347V: P(W), I(A), THD(%), PF	15.3	0.046	13.1	0.954

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	543	37.3%	37.3%
0-40	848	58.3%	58.3%
0-60	1271	87.3%	87.3%
0-90	1456	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	1456	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	11176	11176	11176
5	14285	10660	8821
15	21093	10859	5994
25	22702	11045	4373
35	17291	10445	3856
45	11516	8551	3697
55	7735	6290	3625
65	5925	5156	3371
75	4113	3934	2736
85	2377	2459	2162

LUMINAIRE SECTION

LEDALITE

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