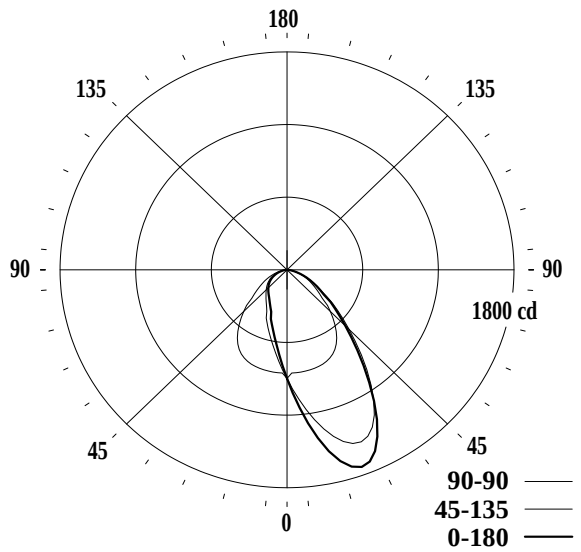
LEDALITE - TRUGROOVE RECESSED MICRO

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**23x8LCGQxx04**
Lamp Type:	LED	**Description:**	ASYMMETRIC 2200LM 830
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2096 lm 100.0%
Input Watts:	120 VAC 22.1	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 94.8
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGMR19 F38884Color S38920-1

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	897	897	897	897	897	
5	1143	1073	853	757	706	88
15	1636	1424	842	542	465	274
25	1652	1517	804	379	318	421
35	1137	1162	687	290	254	440
45	654	696	485	234	210	356
55	356	384	290	184	167	253
65	201	203	175	129	114	165
75	86	85	82	66	57	81
85	17	16	17	18	15	20
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-Normal spaces			
Direct: Peak Candela & Angle (0deg)			1732.3	20.0
Direct: Peak Candela & Angle (180deg)			897.3	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	0.717
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	22.1	0.187	12.1	0.989
277V: P(W), I(A), THD(%), PF	22.4	0.087	17.0	0.932
347V: P(W), I(A), THD(%), PF	22.2	0.068	12.8	0.933

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	782	37.3%	37.3%
0-40	1222	58.3%	58.3%
0-60	1830	87.3%	87.3%
0-90	2096	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	2096	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	16091	16091	16091
5	20567	15348	12701
15	30368	15635	8630
25	32685	15903	6296
35	24895	15038	5552
45	16580	12311	5323
55	11137	9057	5219
65	8531	7424	4853
75	5922	5664	3940
85	3423	3541	3113

LUMINAIRE SECTION

LEDALITE

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