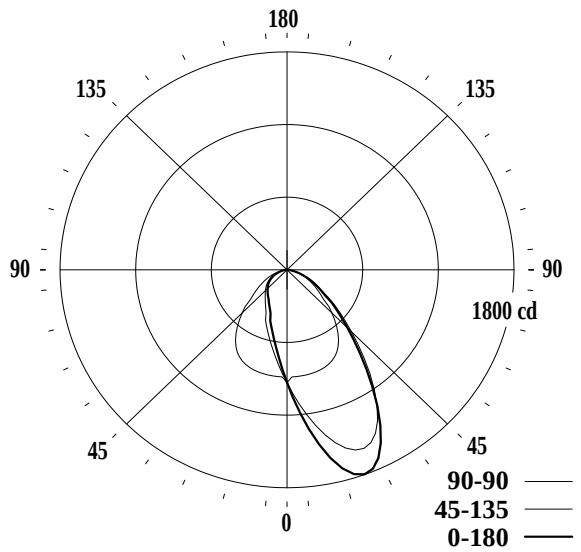
LEDALITE - TRUGROOVE RECESSED MICRO

TEST DATE:	08 Jan 2019	**CATALOG NO:**	**23x8LBGQxx04**
Lamp Type:	LED	**Description:**	ASYMMETRIC 2200LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	**Flux (lm), Efficiency (%):**	2175 lm 100.0%
Input Watts:	120 VAC 22.0	**Up/Dn Ratio, Efficacy (lm/W):**	0% Up / 100% Dn 98.9
CIE-IES Classification:	Direct	**Report (Ele, Col, Photo):**	TGMR19 F38888Color S38920-5

CANDELA DISTRIBUTION

	0	45	90	135	180	Flux Lumens
0	931	931	931	931	931	
5	1186	1113	885	785	732	91
15	1697	1478	874	563	482	284
25	1714	1574	834	394	330	437
35	1180	1206	713	301	263	456
45	678	722	504	242	218	369
55	370	399	301	191	173	262
65	209	211	182	133	119	171
75	89	88	85	68	59	84
85	17	16	18	18	16	21
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)			1797.5	20.0
Direct: Peak Candela & Angle (180deg)			931.0	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	0.744
DesignLights Consortium				N/A
x, y, CCT ,Duv	0.4061	0.3917	3490	0.0002
CRI (Ra), R9			82	11
120V: P(W), I(A), THD(%), PF	22.0	0.186	12.1	0.989
277V: P(W), I(A), THD(%), PF	22.3	0.087	17.0	0.932
347V: P(W), I(A), THD(%), PF	22.1	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	811	37.3%	37.3%
0-40	1268	58.3%	58.3%
0-60	1899	87.3%	87.3%
0-90	2175	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	2175	100.0%	100.0%

AVG LUMINANCE (cd/m^2)

	0	90	180
0	16697	16697	16697
5	21341	15926	13179
15	31512	16223	8955
25	33916	16502	6533
35	25833	15604	5761
45	17205	12774	5523
55	11556	9398	5415
65	8852	7703	5036
75	6145	5877	4088
85	3552	3674	3230

LUMINAIRE SECTION

LEDALITE

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