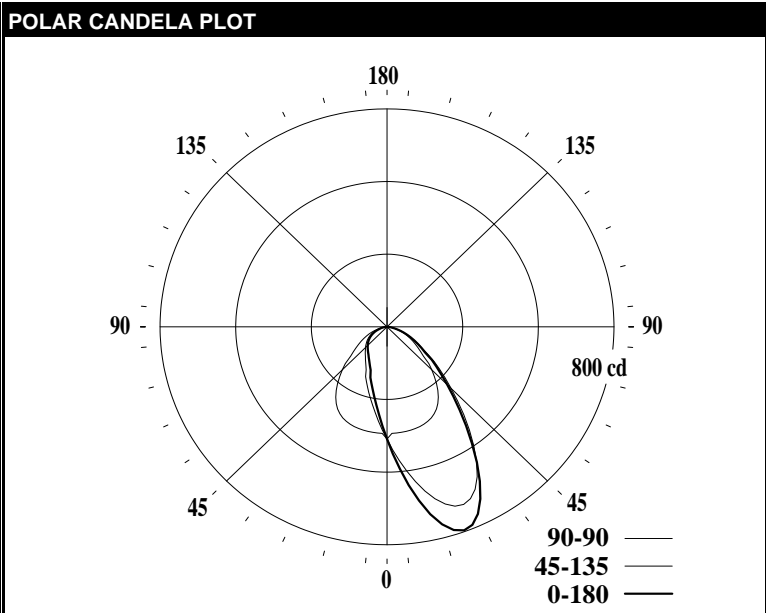


LEDALITE - TRUGROOVE RECESSED MICRO

TEST DATE:	08 Jan 2019	CATALOG NO:	23x8LBMQxx04
Lamp Type:	LED	Description:	ASYMMETRIC 1000LM 835
No. of Lamps:	1		
Rated Lamp Lumens:	-1	Flux (lm), Efficiency (%):	962 lm 100.0%
Input Watts:	120 VAC 9.7	Up/Dn Ratio, Efficacy (lm/W):	0% Up / 100% Dn 99.2
CIE-IES Classification:	Direct	Report (Ele, Col, Photo):	TGMR23 F38888Color S38920-7

CANDELA DISTRIBUTION						Flux
	0	45	90	135	180	Lumens
0	412	412	412	412	412	
5	524	492	391	347	324	40
15	751	653	386	249	213	126
25	758	696	369	174	146	193
35	522	533	315	133	116	202
45	300	320	223	107	96	163
55	163	176	133	85	77	116
65	92	93	80	59	53	76
75	39	39	38	30	26	37
85	8	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	



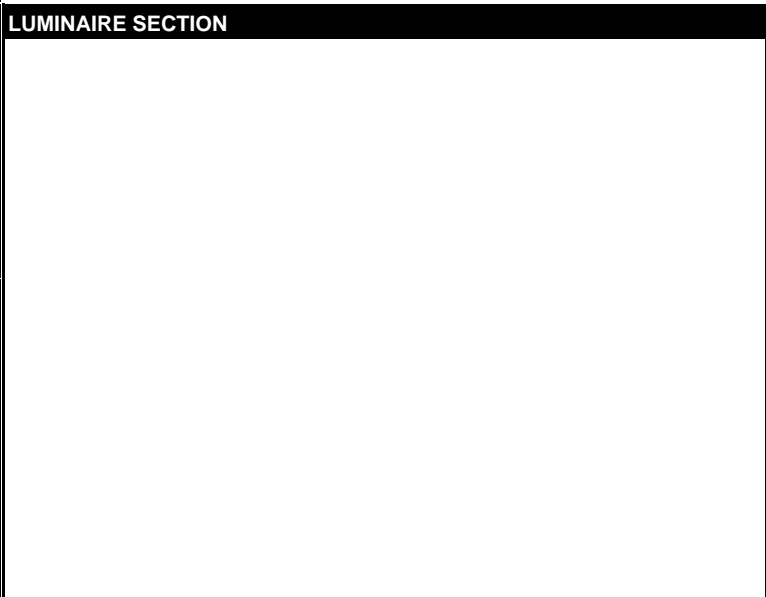
CHARACTERISTICS			
RP1	Meets RP-1-12 recommendations for VDT-Critical spaces		
Direct: Peak Candela & Angle (0deg)	794.9	20.0	
Direct: Peak Candela & Angle (180deg)	411.7	0.0	
Spacing Criteria (0deg, 90deg, 180deg)	1.60	1.25	0.49
Indirect: Peak Candela & Angle	N/A	N/A	
Indirect: Zenith Candela, Peak 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	0.329	
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	9.7	0.082	14.5 0.984
277V: P(W), I(A), THD(%), PF	10.1	0.040	19.9 0.902
347V: P(W), I(A), THD(%), PF	10.3	0.032	16.7 0.916

COEFFICIENTS OF UTILIZATION (%)														
Pc---	80				70				50				0	
Pw---	70	50	30	10	70	50	30	50	30	10	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	359	37.3%	37.3%
0-40	561	58.3%	58.3%
0-60	840	87.3%	87.3%
0-90	962	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	962	100.0%	100.0%

AVG LUMINANCE (cd/m ²)			
	0	90	180
0	7383	7383	7383
5	9437	7043	5828
15	13935	7174	3960
25	14998	7297	2889
35	11423	6900	2548
45	7608	5649	2442
55	5110	4156	2395
65	3915	3406	2227
75	2717	2599	1808
85	1571	1625	1428



LEDALITE

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