



Filename: CITLB232MV

Manufacturer: TEXAS FLUORESCENT

Luminaire: 2/32W T8 LAMP 52x7x4"SUSPENDED ENCLOSED/GASKETED LUMINAIRE WHITE REFLECTOR w/CLEAR LINEAL RIBBED ACRYLIC DROP LENS SYLVANIA BALLAST #QTP2x32T8/UNV ISH-SC WATTS=67 REFL=88%

Luminaire Cat: CITLB232MV

Lamp Cat: F32T8/835/RS

Lamp Output: 2 lamps, rated Lumens/lamp: 2950

Max Candela: 1,111.0 at Horizontal: 90°, Vertical: 20°

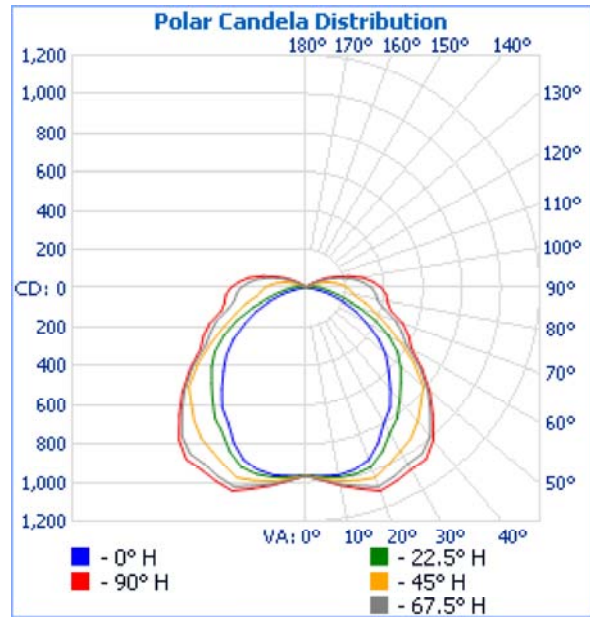
Input Wattage: 67

Luminous Opening: Rectangle w/Luminous Sides (L: 50.75", W: 6", H: 1.93")

Test: BALLABS TEST NO. 14520.0

Test Lab: BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC

Photometry : Type C



Roadway Summary

Cutoff Classification:	NONCUTOFF	
Distribution:	TYPE II, VERY SHORT	
Max Cd, 90 Deg Vert:	387.0	
Max Cd, 80 to <90 Deg:	425.0	
	Lumens % Lamp	
Downward Street Side:	1,818.1	30.8%
Downward House Side:	1,818.1	30.8%
Downward Total:	3,636.1	61.6%
Upward Street Side:	186.5	3.2%
Upward House Side:	186.5	3.2%
Upward Total:	372.9	6.3%
Total Lumens:	4,009.1	68%

Flood Summary

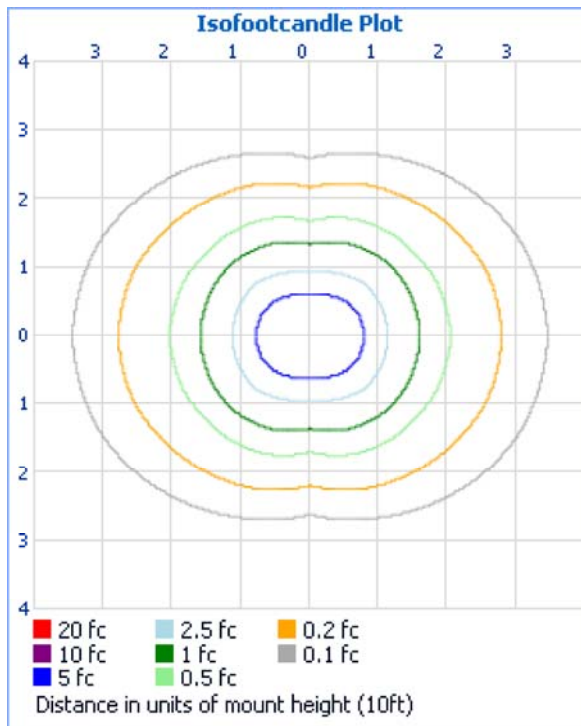
	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	66.1%	3,900.2	n/a	163.8
Beam (50%):	44.2%	2,605.0	134.7	108
Total:	68%	4,009.6		

Zonal Lumen Summary

Zone	Lumens	% Lamp	% Luminaire
0-30	842.7	14.3%	21%
0-40	1,418.4	24%	35.4%
0-60	2,602.4	44.1%	64.9%
60-90	1,032.9	17.5%	25.8%
70-100	769.8	13%	19.2%
90-120	354.8	6%	8.9%
0-90	3,635.3	61.6%	90.7%
90-180	373.1	6.3%	9.3%
0-180	4,008.4	67.9%	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	94.7	2.4%	90-100	190.7	4.8%
10-20	289.5	7.2%	100-110	115.8	2.9%
20-30	458.5	11.4%	110-120	48.3	1.2%
30-40	575.7	14.4%	120-130	14.1	0.4%
40-50	615.8	15.4%	130-140	3.7	0.1%
50-60	568.2	14.2%	140-150	0.5	0%
60-70	453.7	11.3%	150-160	0	0%
70-80	330.5	8.2%	160-170	0	0%
80-90	248.7	6.2%	170-180	0	0%



	Center Beam fc	Beam Width	
1.7R	334 fc	4.7 ft	8.2 ft
3.3R	88.6 fc	9.1 ft	15.8 ft
5.0R	38.6 fc	13.8 ft	24.0 ft
6.7R	21.5 fc	18.4 ft	32.1 ft
8.3R	14.0 fc	22.8 ft	39.8 ft
10.0R	9.65 fc	27.5 ft	48.0 ft

■ Vert. Spread: 108.0°
■ Horiz. Spread: 134.7°

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30				10				0
RW %:	70	50	30	0	70	50	30	0	50	30	20	0	50	30	20	0	50	30	20	0	0
RCR: 0	.79	.79	.79	.79	.77	.77	.77	.62	.72	.72	.72	.68	.68	.68	.68	.64	.64	.64	.64	.62	.62
1	.71	.67	.64	.61	.68	.65	.62	.49	.61	.58	.56	.57	.55	.53	.54	.52	.50	.49	.49	.49	.49
2	.64	.58	.53	.48	.62	.56	.51	.40	.53	.49	.45	.49	.46	.43	.46	.44	.41	.40	.40	.40	.40
3	.58	.50	.44	.40	.56	.49	.43	.34	.46	.41	.37	.43	.39	.36	.41	.37	.35	.33	.33	.33	.33
4	.53	.44	.38	.33	.51	.43	.37	.29	.41	.36	.32	.38	.34	.30	.36	.32	.29	.28	.28	.28	.28
5	.49	.40	.33	.28	.47	.38	.32	.25	.36	.31	.27	.34	.30	.26	.32	.28	.25	.24	.24	.24	.24
6	.45	.35	.29	.25	.43	.34	.29	.22	.33	.27	.24	.31	.26	.23	.29	.25	.22	.21	.21	.21	.21
7	.41	.32	.26	.22	.40	.31	.25	.19	.30	.24	.21	.28	.23	.20	.27	.23	.20	.18	.18	.18	.18
8	.39	.29	.23	.19	.37	.28	.23	.17	.27	.22	.18	.26	.21	.18	.24	.20	.17	.16	.16	.16	.16
9	.36	.27	.21	.17	.35	.26	.21	.15	.25	.20	.16	.24	.19	.16	.22	.19	.16	.14	.14	.14	.14
10	.34	.25	.19	.15	.32	.24	.19	.14	.23	.18	.15	.22	.18	.15	.21	.17	.14	.13	.13	.13	.13

Candela Table - Type C

	0	22.5	45	67.5	90
0	965	965	965	965	965
5	970	974	983	992	995
10	975	987	1009	1025	1032
15	965	989	1025	1054	1069
20	938	976	1037	1086	1111
25	876	926	1000	1069	1096
30	800	860	966	1043	1076
35	751	816	939	1038	1073
40	674	748	893	991	1016
45	600	687	834	902	920
50	534	633	786	816	830

55	453	573	677	715	729
60	362	488	562	597	625
65	282	394	465	543	581
70	198	287	385	490	527
75	124	203	327	416	450
80	62	140	260	373	425
85	25	96	233	359	413
90	9	70	212	337	387
95	0	47	183	297	346
100	0	30	146	253	297
105	0	17	106	197	233
110	0	4	67	140	171
115	0	0	35	91	119
120	0	0	15	53	74
125	0	0	7	30	42
130	0	0	0	15	23
135	0	0	0	11	15
140	0	0	0	8	8
145	0	0	0	0	0
150	0	0	0	0	0
155	0	0	0	0	0
160	0	0	0	0	0
165	0	0	0	0	0
170	0	0	0	0	0
175	0	0	0	0	0
180	0	0	0	0	0

Luminaire Report Summary

IESNA:LM-63-2002

[TEST]BALLABS TEST NO. 14520.0

[TESTLAB] BUILDING ACOUSTICS & LIGHTING LABORATORIES, INC

[ISSUEDATE] 17-MAR-2009

[MANUFAC] TEXAS FLUORESCENT

[LUMINAIRE] 2/32W T8 LAMP 52x7x4"SUSPENDEDED ENCLOSED/GASKETED LUMINAIRE

[MORE] WHITE REFLECTOR w/CLEAR LINEAL RIBBED ACRYLIC DROP LENS

[MORE] SYLVANIA BALLAST #QTP2x32T8/UNV ISH-SC WATTS=67 REFL=88%

[LUMCAT] CITLB232MV

[LAMPCAT] F32T8/835/RS

FILE: CANDELA MULTIPLIER: 1

FILE: VERTICAL ANGLES: 37, HORIZONTAL ANGLES: 5

FILE: COORDINATE SYSTEM: TYPE C

FILE: UNIT OF MEASURE: STANDARD

FILE: BALLAST FACTOR: 1

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Reported data calculated from manufacturer's data file, based on IES recommended methods.