

**IES INDOOR REPORT  
PHOTOMETRIC FILENAME : LLI010914B.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

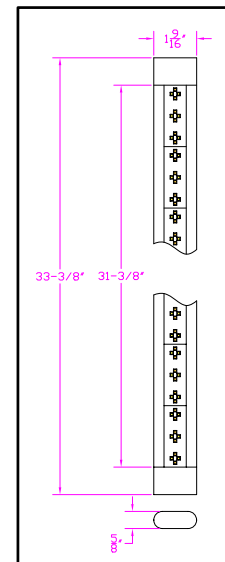
IESNA:LM-63-2002  
[TEST] LLI 0109-14B  
[TESTLAB] LIGHT LABORATORY INC  
[ISSUEDATE] 1/23/2009  
[MANUFAC] ATEX AMERICA, INC  
[LUMCAT] LTA1-09AWH-01  
[LUMINAIRE] 33-3/8"L. X 1-9/16"W. X 5/8"H. LED UNDER SHELF LIGHT  
[MORE] 14 MODULES EACH MODULE HAS 6 WHITE LEDS, 6 AMBER LEDS  
[MORE] ACRYLIC LENS  
[LAMPPOSITION] 0,0  
[LAMPCAT] WHITE AND AMBER LED  
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND  
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.  
[\_INPUT] 24.01VDC, 15.85W

**CHARACTERISTICS**

Total Rated Lamp Lumens	N.A. (absolute photometry)
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	N.A.
Total Luminaire Watts	16
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.28
Spacing Criteria (90-270)	1.28
Spacing Criteria (Diagonal)	1.38
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	2.61 ft
Luminous Width (90-270)	0.08 ft
Luminous Height	0.00 ft

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11326	11253	10962
55	9967	9787	9428
65	7921	7556	7190
75	5572	5174	4577
85	3546	1773	2955



IES INDOOR REPORT  
PHOTOMETRIC FILENAME : LLI010914B.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
<b>0.0</b>	237	237	237	237	237
<b>1.0</b>	241	241	239	234	233
<b>3.0</b>	243	242	240	236	234
<b>5.0</b>	242	242	240	237	235
<b>7.0</b>	241	241	240	237	236
<b>9.0</b>	240	240	239	236	236
<b>11.0</b>	238	238	238	235	235
<b>13.0</b>	236	236	236	233	233
<b>15.0</b>	234	234	234	231	230
<b>17.0</b>	231	231	231	229	227
<b>19.5</b>	227	227	227	225	223
<b>22.5</b>	222	222	221	220	218
<b>25.5</b>	215	215	215	214	213
<b>29.0</b>	207	206	206	206	205
<b>33.0</b>	197	197	197	196	195
<b>37.5</b>	184	184	183	182	181
<b>42.5</b>	166	166	165	163	161
<b>47.5</b>	145	145	144	142	140
<b>55.0</b>	111	111	109	107	105
<b>65.0</b>	65	64	62	60	59
<b>75.0</b>	28	28	26	24	23
<b>85.0</b>	6	5	3	4	5
<b>90.0</b>	0	0	0	0	0

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LLI010914B.IES**

**ZONAL LUMEN SUMMARY**

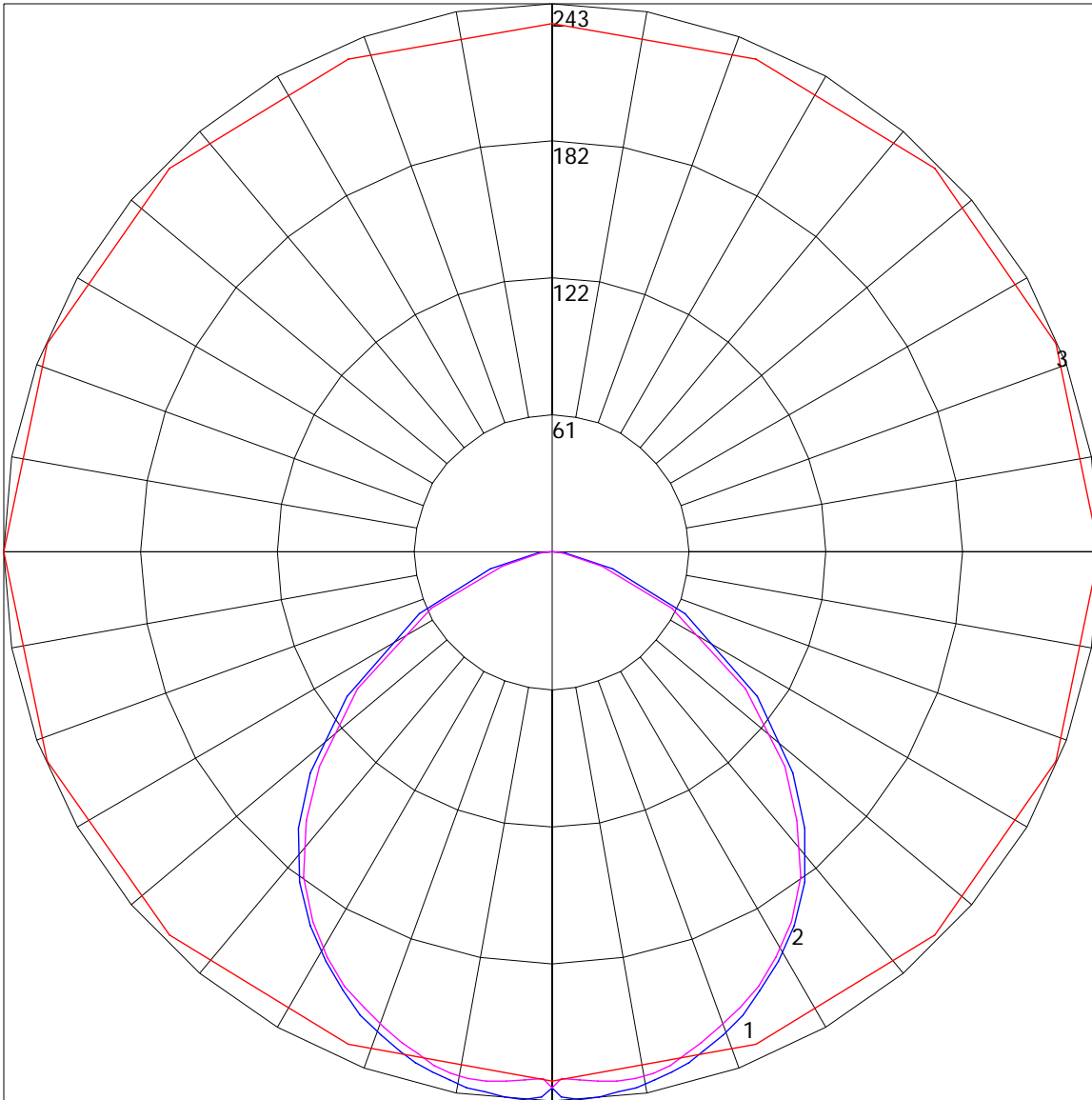
Zone	Lumens	%Lamp	%Fixt
0-30	176.64	N.A.	28.4
0-40	276.11	N.A.	44.4
0-60	477.73	N.A.	76.9
0-90	621.44	N.A.	100
90-120	0	N.A.	0
90-130	0	N.A.	0
90-150	0	N.A.	0
90-180	0	N.A.	0
0-180	621.44	N.A.	100

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	18.48
10-20	65.77
20-30	92.39
30-40	99.47
40-50	120.81
50-60	80.8
60-70	80.98
70-80	45.22
80-90	17.51
90-100	0
100-110	0
110-120	0
120-130	0
130-140	0
140-150	0
150-160	0
160-170	0
170-180	0

POLAR GRAPH



Maximum Candela = 243 Located At Horizontal Angle = 0, Vertical Angle = 3  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.) : BLUE  
# 2 - Vertical Plane Through Horizontal Angles (90 - 270) : MAGENTA  
# 3 - Horizontal Cone Through Vertical Angle (3) (Through Max. Cd.) : RED



**IES INDOOR REPORT  
PHOTOMETRIC FILENAME : LLI010914A.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

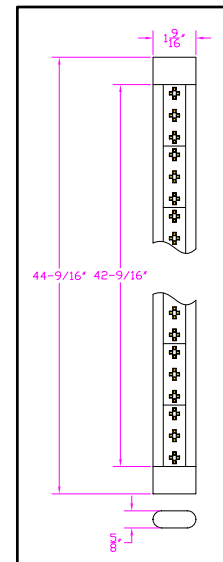
IESNA:LM-63-2002  
[TEST] LLI 0109-14A  
[TESTLAB] LIGHT LABORATORY INC  
[ISSUEDATE] 1/23/2009  
[MANUFAC] ATEX AMERICA, INC  
[LUMCAT] LTA1-12AWH-01  
[LUMINAIRE] 44-9/16"L. X 1-9/16"W. X 5/8"H. LED UNDER SHELF LIGHT  
[MORE] 19 MODULES EACH MODULE HAS 6 WHITE LEDS, 6 AMBER LEDS  
[MORE] ACRYLIC LENS  
[LAMPPOSITION] 0,0  
[LAMPCAT] WHITE AND AMBER LED  
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND  
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.  
[\_INPUT] 24.04VDC, 21.44W

**CHARACTERISTICS**

Total Rated Lamp Lumens	N.A. (absolute photometry)
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	N.A.
Total Luminaire Watts	21
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.32
Spacing Criteria (90-270)	1.28
Spacing Criteria (Diagonal)	1.38
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.55 ft
Luminous Width (90-270)	0.08 ft
Luminous Height	0.00 ft

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11272	11031	10496
55	10035	9638	9044
65	7974	7526	6809
75	5706	5121	4389
85	3476	1738	3041



IES INDOOR REPORT  
PHOTOMETRIC FILENAME : LLI010914A.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
<b>0.0</b>	308	308	308	308	308
<b>1.0</b>	321	322	311	298	294
<b>3.0</b>	323	323	313	301	296
<b>5.0</b>	325	323	315	302	299
<b>7.0</b>	325	324	315	303	300
<b>9.0</b>	324	323	314	303	301
<b>11.0</b>	322	321	313	303	300
<b>13.0</b>	319	319	311	301	298
<b>15.0</b>	316	316	309	299	296
<b>17.0</b>	312	312	306	296	292
<b>19.5</b>	306	307	302	292	288
<b>22.5</b>	299	299	295	286	282
<b>25.5</b>	290	290	287	279	276
<b>29.0</b>	279	279	276	269	266
<b>33.0</b>	266	266	263	256	254
<b>37.5</b>	248	248	245	238	236
<b>42.5</b>	224	224	220	212	210
<b>47.5</b>	197	196	192	185	182
<b>55.0</b>	152	150	146	139	137
<b>65.0</b>	89	87	84	79	76
<b>75.0</b>	39	38	35	32	30
<b>85.0</b>	8	6	4	6	7
<b>90.0</b>	0	0	0	0	0

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : LLI010914A.IES**

**ZONAL LUMEN SUMMARY**

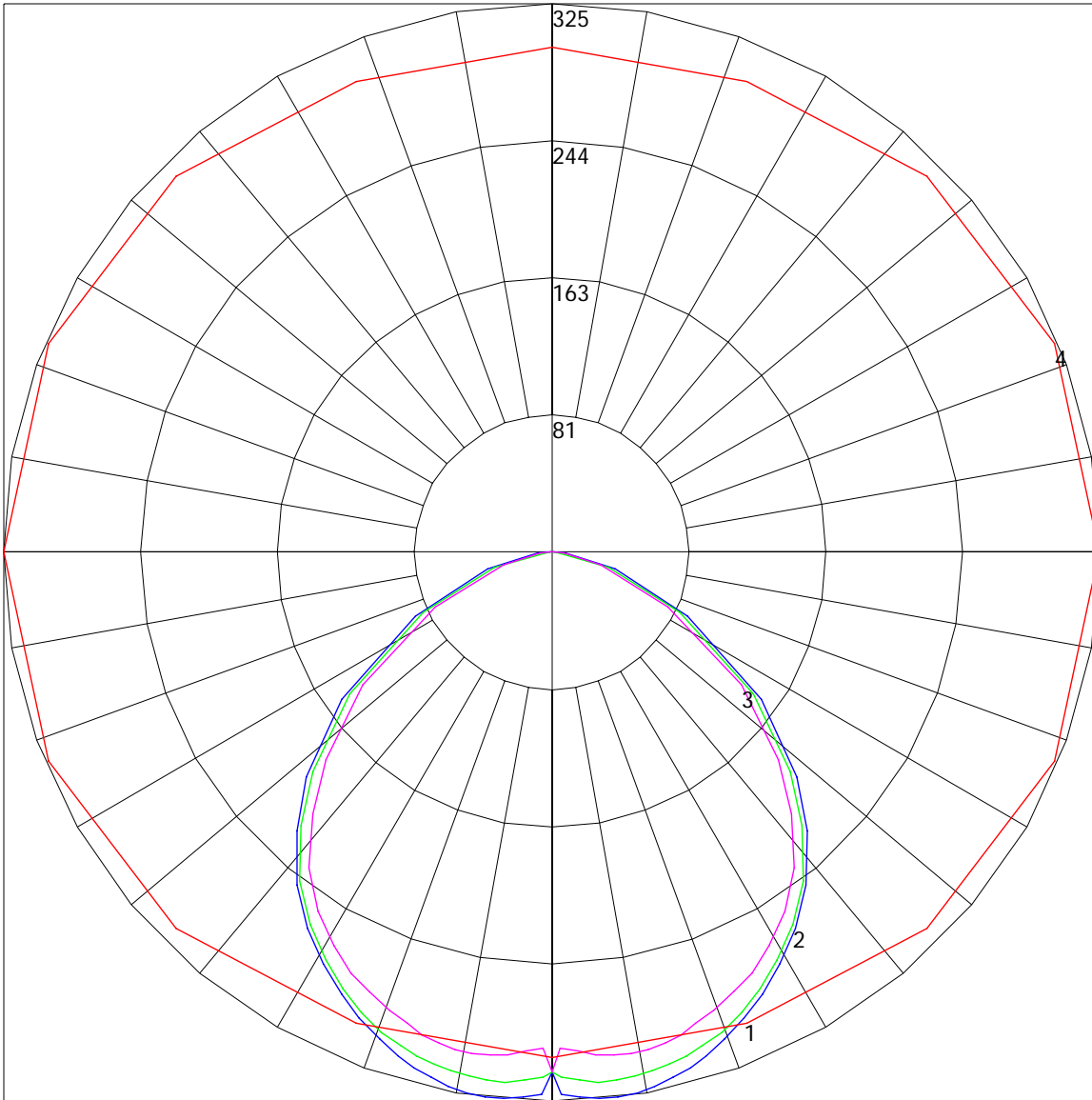
Zone	Lumens	%Lamp	%Fixt
0-30	233.67	N.A.	28.3
0-40	365.96	N.A.	44.3
0-60	634.02	N.A.	76.7
0-90	826.46	N.A.	100
90-120	0	N.A.	0
90-130	0	N.A.	0
90-150	0	N.A.	0
90-180	0	N.A.	0
0-180	826.46	N.A.	100

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	24.2
10-20	86.85
20-30	122.63
30-40	132.29
40-50	160.54
50-60	107.52
60-70	108.13
70-80	60.72
80-90	23.58
90-100	0
100-110	0
110-120	0
120-130	0
130-140	0
140-150	0
150-160	0
160-170	0
170-180	0

POLAR GRAPH



Maximum Candela = 325 Located At Horizontal Angle = 0, Vertical Angle = 5  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.) : BLUE  
# 2 - Vertical Plane Through Horizontal Angles (45 - 225) : GREEN  
# 3 - Vertical Plane Through Horizontal Angles (90 - 270) : MAGENTA  
# 4 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.) : RED