



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL736LEDHTLOWT50ASYM120-277V\_S.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Photopia 2017.2.1 see: [www.ltioptics.com/ies](http://www.ltioptics.com/ies)

[ISSUEDATE]

[TESTDATE] Fri Oct 27 15:31:30 2017

[TEST] 1

[MANUFAC] BEGHELLI

[LUMCAT]

[LUMINAIRE] BL736LEDHTLOWT50ASYM120-277V

[LAMP] LED 0.1885W Nichia Warm White LED (65mA)

[LAMPCAT] NFSL757DT-V1

[OTHER]

IESNA:LM-63-2002

[TEST] 6,552

[TESTLAB] CSA Group

[ISSUEDATE] 7/24/2013 1:09:24 PM

[OTHER] Luminous shape: Rectangle

[OTHER] Luminous dimensions (feet)

[OTHER] 0 - 180 Axis: 4.2

[OTHER] 90 - 270 Axis: 0.6

[OTHER] Height: 0.1

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	16276
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	109
Total Luminaire Watts	150
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.32
Spacing Criterion (90-270)	1.42
Spacing Criterion (Diagonal)	1.56
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.39 ft
Luminous Width (90-270)	1.37 ft
Luminous Height	0.40 ft

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5751	7008	25746
55	3092	4540	12412
65	1514	2053	4560
75	877	920	1832
85	445	335	506

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**CANDELA TABULATION**

	<b>0</b>	<b>10</b>	<b>20</b>	<b>30</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>70</b>	<b>80</b>	<b>90</b>
<b>0.0</b>	6288.71	6288.71	6288.71	6288.71	6288.71	6288.71	6288.71	6288.71	6288.71	6288.71
<b>2.5</b>	5229.15	5303.63	5263.04	5360.35	5431.19	5506.33	5667.86	5765.60	5973.74	5928.70
<b>5.0</b>	4376.41	4462.84	4520.91	4592.91	4747.83	4995.71	5265.13	5432.14	5716.24	5982.99
<b>7.5</b>	3712.50	3744.35	3896.09	4008.28	4310.89	4465.22	4754.48	5155.44	5539.59	5928.49
<b>10.0</b>	2993.32	3060.73	3179.88	3379.28	3667.08	3991.12	4441.29	4946.50	5446.80	6028.00
<b>12.5</b>	2387.27	2459.76	2588.84	2826.42	3145.56	3581.39	4047.70	4681.40	5317.58	5947.20
<b>15.0</b>	1903.95	1928.43	2103.46	2287.21	2632.42	3133.86	3726.76	4455.84	5321.11	6035.57
<b>17.5</b>	1536.83	1585.26	1681.16	1898.48	2226.51	2708.50	3360.87	4209.39	5125.41	6052.89
<b>20.0</b>	1310.75	1332.06	1442.90	1573.20	1860.50	2307.95	3014.37	3948.47	4976.25	6081.76
<b>22.5</b>	1192.31	1213.58	1268.67	1393.24	1625.96	2025.24	2704.71	3681.97	4820.01	6060.18
<b>25.0</b>	1183.59	1187.78	1214.31	1280.96	1466.71	1801.58	2435.36	3408.44	4681.95	6021.19
<b>27.5</b>	1198.63	1190.03	1220.26	1229.33	1364.89	1619.78	2175.71	3147.89	4502.61	6023.49
<b>30.0</b>	1207.59	1215.91	1222.15	1229.73	1304.15	1520.37	1981.85	2906.13	4314.18	5920.47
<b>32.5</b>	1269.03	1259.76	1253.43	1263.34	1313.70	1454.46	1836.94	2682.03	4131.13	5929.62
<b>35.0</b>	1253.88	1277.19	1285.27	1286.79	1328.27	1425.03	1726.13	2463.81	3891.94	5822.74
<b>37.5</b>	1220.37	1234.18	1259.03	1271.50	1334.61	1401.62	1606.59	2274.69	3665.26	5566.61
<b>40.0</b>	1156.09	1153.32	1189.94	1243.08	1325.38	1385.02	1504.26	2029.99	3317.36	5239.02
<b>42.5</b>	1047.50	1073.60	1115.12	1170.48	1280.93	1338.10	1424.38	1819.11	2949.18	4766.65
<b>45.0</b>	927.25	948.95	1001.56	1085.36	1203.46	1270.34	1306.90	1597.76	2557.86	4167.49
<b>47.5</b>	801.10	824.55	883.93	975.78	1090.20	1181.61	1203.81	1385.73	2167.03	3551.01
<b>50.0</b>	677.50	691.56	751.89	842.12	960.15	1066.10	1080.26	1207.58	1808.65	2958.85
<b>52.5</b>	540.05	569.11	617.78	711.92	826.76	916.35	934.82	1005.56	1443.11	2318.82
<b>55.0</b>	442.72	461.39	508.03	584.21	686.73	774.28	789.93	816.35	1133.71	1786.70
<b>57.5</b>	353.59	363.59	401.14	458.08	553.24	629.46	637.62	669.80	878.65	1345.01
<b>60.0</b>	279.90	288.34	316.58	371.60	435.34	499.62	516.60	530.66	680.97	993.45
<b>62.5</b>	225.65	232.77	250.71	289.87	349.21	399.75	408.54	419.10	519.77	745.31
<b>65.0</b>	182.93	187.45	202.72	231.82	275.66	300.83	316.61	329.28	404.35	554.76
<b>67.5</b>	148.15	151.24	166.48	180.62	207.95	235.64	249.30	264.27	313.58	431.86
<b>70.0</b>	121.43	124.15	134.30	145.33	165.05	178.38	189.56	206.23	237.26	319.34
<b>72.5</b>	99.86	102.15	110.42	117.13	128.32	140.33	145.86	162.85	188.31	244.76
<b>75.0</b>	83.11	87.62	87.22	97.64	103.16	109.54	119.42	126.35	143.50	175.24
<b>77.5</b>	73.24	74.46	75.45	77.64	85.29	88.17	90.70	95.13	109.81	131.46
<b>80.0</b>	61.31	64.23	63.76	63.92	66.59	68.96	69.58	74.18	82.53	98.08
<b>82.5</b>	51.58	49.56	49.71	53.14	52.04	52.16	54.91	52.90	60.71	64.31
<b>85.0</b>	29.33	29.50	31.17	28.99	29.43	29.03	32.35	32.23	31.62	33.78
<b>87.5</b>	7.14	7.21	6.13	5.66	6.04	6.64	6.07	7.24	7.31	8.79
<b>90.0</b>	0.03	0.04	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00
<b>92.5</b>	0.07	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
<b>95.0</b>	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>97.5</b>	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>100.0</b>	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>102.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>105.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>107.5</b>	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>110.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>112.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>115.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>117.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>120.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>122.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>125.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>127.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>130.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>132.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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**CANDELA TABULATION - (Cont.)**

135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Vert.  
Angles**

**Horizontal Angles**

	<u>100</u>	<u>110</u>	<u>120</u>	<u>130</u>	<u>140</u>	<u>150</u>	<u>160</u>	<u>170</u>	<u>180</u>	<u>190</u>
0.0	6288.71	6288.71	6288.71	6288.71	6288.71	6288.71	6288.71	6288.71	6288.71	6288.71
2.5	6143.41	6251.95	6264.23	6436.03	6314.29	6697.45	6660.00	6710.00	6739.03	6654.80
5.0	6149.14	6421.53	6580.78	6787.14	6934.24	6983.81	7153.38	7154.64	7205.66	7227.46
7.5	6282.15	6668.86	6896.70	7227.62	7418.46	7602.36	7738.60	7786.17	7734.53	7746.57
10.0	6489.06	6951.22	7289.35	7668.42	7929.35	8062.83	8200.18	8357.28	8392.35	8419.02
12.5	6586.90	7223.92	7674.02	8017.80	8416.67	8636.14	8792.29	8917.69	8919.70	8871.26
15.0	6823.76	7504.87	8040.43	8515.97	8822.70	9181.26	9315.01	9469.78	9420.59	9410.22
17.5	6933.14	7758.72	8308.21	8940.31	9399.82	9660.22	9815.29	10035.10	9972.09	9997.06
20.0	7141.63	7998.93	8713.27	9391.00	9717.39	10172.51	10375.88	10492.96	10617.41	10610.36
22.5	7259.49	8226.70	8985.32	9689.57	10219.20	10642.89	10891.60	11104.62	11110.75	11117.30
25.0	7332.37	8448.57	9348.97	10002.44	10634.15	11175.17	11431.85	11649.11	11788.79	11652.34
27.5	7399.54	8586.69	9627.09	10399.26	11020.08	11569.46	11889.01	12153.27	12204.96	12151.17
30.0	7483.87	8847.28	9827.12	10763.29	11436.54	12070.08	12309.59	12551.09	12629.35	12549.46
32.5	7568.54	9027.89	10161.90	11069.78	11787.35	12355.51	12698.10	12872.91	12972.30	12907.59
35.0	7638.53	9177.47	10412.03	11293.64	12059.37	12617.60	12878.34	12965.47	12936.27	12949.67
37.5	7473.42	9146.93	10462.78	11415.45	12117.97	12513.40	12657.99	12676.93	12664.45	12703.92
40.0	7162.40	8916.82	10313.58	11258.81	11805.94	12077.20	12113.91	11984.68	11954.60	12006.50
42.5	6638.19	8424.05	9943.91	10859.38	11277.39	11285.16	11146.24	10917.53	10808.80	10932.58
45.0	5957.82	7695.01	9268.14	10151.32	10374.70	10210.49	9837.24	9574.82	9440.36	9607.69
47.5	5151.72	6827.93	8340.37	9178.13	9231.78	8896.30	8431.54	8113.08	7957.29	8096.44
50.0	4304.21	5841.23	7253.62	8047.83	7927.92	7500.09	6951.44	6590.71	6415.84	6593.21
52.5	3425.39	4740.08	6024.28	6709.83	6560.53	6030.86	5533.14	5150.56	5012.70	5162.25
55.0	2635.67	3734.14	4865.98	5387.21	5200.81	4680.28	4200.14	3890.97	3767.06	3896.65
57.5	1988.13	2859.53	3745.93	4177.52	3970.86	3532.63	3115.14	2850.39	2762.20	2858.97
60.0	1466.79	2127.50	2799.26	3123.87	2953.63	2581.63	2274.90	2073.02	1987.46	2054.87
62.5	1074.03	1560.59	2063.09	2264.99	2136.24	1860.91	1638.50	1479.79	1440.70	1471.73
65.0	786.30	1123.87	1470.74	1616.33	1517.14	1327.35	1178.45	1062.61	1032.04	1069.87
67.5	585.71	810.17	1034.80	1138.20	1072.25	942.10	848.77	790.23	760.98	774.87
70.0	428.42	579.48	720.92	783.58	756.88	685.68	619.69	577.35	553.53	568.83
72.5	319.81	407.31	502.22	544.98	532.65	488.39	449.74	419.98	401.59	418.92
75.0	229.76	283.54	351.77	382.03	368.93	353.68	318.92	296.40	297.68	299.70
77.5	163.10	203.27	244.37	258.65	260.04	242.06	225.99	210.82	208.48	211.08
80.0	112.23	137.44	158.36	170.38	169.73	163.81	152.67	150.06	146.84	144.02

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**CANDELA TABULATION - (Cont.)**

82.5	74.40	86.74	96.05	100.72	102.96	98.14	98.14	92.50	89.60	93.08
85.0	38.56	44.36	45.85	50.09	50.47	49.10	45.80	44.13	46.40	45.01
87.5	8.19	9.51	9.50	10.95	9.80	9.45	8.94	8.52	7.38	9.36
90.0	0.00	0.00	0.01	0.00	0.03	0.01	0.01	0.03	0.08	0.03
92.5	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.07
95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Vert.  
Angles**

**Horizontal Angles**

	<u>200</u>	<u>210</u>	<u>220</u>	<u>230</u>	<u>240</u>	<u>250</u>	<u>260</u>	<u>270</u>	<u>280</u>	<u>290</u>
0.0	6288.71	6288.71	6288.71	6288.71	6288.71	6288.71	6288.71	6288.71	6288.71	6288.71
2.5	6614.33	6632.52	6607.84	6363.52	6351.50	6170.02	6077.12	6066.24	5894.46	5856.80
5.0	7280.63	7152.10	6851.90	6792.40	6589.43	6522.14	6140.08	5844.69	5670.13	5464.06
7.5	7698.34	7586.75	7498.46	7340.76	7017.74	6612.24	6307.63	5964.85	5610.92	5212.55
10.0	8333.50	8102.45	8024.25	7626.29	7352.53	6969.59	6504.17	6061.81	5389.03	4953.64
12.5	8772.37	8604.93	8352.32	8076.46	7666.87	7176.87	6653.05	6037.28	5337.46	4654.11
15.0	9284.75	9117.01	8768.94	8484.94	8003.93	7464.92	6800.27	6041.63	5224.36	4427.70
17.5	9872.80	9682.95	9363.34	8926.20	8382.92	7742.02	6929.89	6079.69	5110.38	4186.37
20.0	10476.31	10157.04	9811.60	9277.95	8726.32	8018.77	7096.20	6071.52	5052.50	3943.32
22.5	10948.19	10637.99	10244.21	9704.93	8994.43	8172.48	7222.65	6081.76	4865.49	3652.49
25.0	11475.63	11134.30	10669.58	10065.58	9310.35	8453.92	7288.73	6022.98	4647.61	3436.42
27.5	11934.77	11550.16	11070.72	10371.89	9511.50	8571.79	7350.41	5961.68	4461.45	3118.02

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL736LEDHTLOWT50ASYM120-277V\_S.IES**

**CANDELA TABULATION - (Cont.)**

30.0	12388.49	12003.02	11486.09	10715.14	9806.77	8727.42	7428.90	5903.11	4265.43	2873.02
32.5	12706.14	12375.81	11742.80	11007.00	10082.57	8895.69	7509.61	5829.11	4047.34	2671.08
35.0	12880.42	12560.29	12016.65	11228.07	10308.61	9002.75	7467.33	5708.00	3841.92	2455.54
37.5	12701.17	12467.24	12045.04	11316.56	10219.69	8970.54	7367.37	5434.65	3584.25	2235.36
40.0	12139.51	12079.53	11747.94	11169.76	10132.90	8709.37	7042.18	5132.50	3273.12	2002.13
42.5	11148.44	11299.53	11112.90	10680.09	9681.18	8216.21	6501.81	4664.09	2911.71	1779.66
45.0	9900.06	10205.05	10236.95	10005.00	9016.02	7523.13	5855.14	4112.88	2499.12	1581.27
47.5	8479.78	8850.48	9159.07	9019.47	8184.54	6699.85	5054.17	3510.63	2136.82	1365.79
50.0	6997.68	7468.97	7863.42	7874.59	7119.99	5715.81	4247.01	2902.60	1772.59	1181.94
52.5	5522.86	6007.97	6479.51	6581.57	5983.22	4711.43	3405.38	2302.51	1426.83	996.81
55.0	4227.95	4646.44	5118.49	5314.65	4784.37	3706.42	2632.03	1783.00	1128.64	818.21
57.5	3086.62	3488.61	3906.36	4109.68	3704.36	2833.90	1988.95	1349.00	867.67	654.83
60.0	2279.82	2558.52	2921.45	3061.52	2780.56	2120.95	1464.89	999.46	674.30	527.48
62.5	1633.72	1842.75	2106.61	2214.07	2024.95	1532.42	1073.26	740.57	518.70	428.33
65.0	1179.86	1315.95	1502.32	1587.84	1463.73	1107.39	780.52	547.63	405.19	333.80
67.5	849.10	945.66	1054.96	1112.53	1027.37	796.47	572.04	414.86	307.93	261.62
70.0	617.33	675.57	745.03	784.79	711.14	571.97	425.09	316.68	236.26	204.56
72.5	442.76	483.39	514.99	532.18	497.98	399.16	309.97	236.47	181.94	156.44
75.0	313.97	334.33	370.65	369.52	334.16	282.75	226.19	173.31	141.58	122.79
77.5	224.79	243.47	252.11	253.71	235.19	197.63	162.52	129.20	110.50	96.91
80.0	149.89	159.53	163.17	165.83	151.77	131.78	108.51	91.40	81.50	74.58
82.5	93.60	99.78	102.57	97.75	92.32	81.88	70.69	62.32	57.06	54.06
85.0	44.58	46.23	49.43	48.50	50.09	40.80	35.86	35.79	33.11	31.35
87.5	8.55	8.67	9.58	9.66	9.33	8.89	8.37	7.33	7.05	7.51
90.0	0.02	0.03	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL736LEDHTLOWT50ASYM120-277V\_S.IES**

**CANDELA TABULATION - (Cont.)**

<b>170.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>172.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>175.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>177.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>180.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Vert. Horizontal Angles**  
**Angles**

	<b><u>300</u></b>	<b><u>310</u></b>	<b><u>320</u></b>	<b><u>330</u></b>	<b><u>340</u></b>	<b><u>350</u></b>	<b><u>360</u></b>
<b>0.0</b>	6288.71	6288.71	6288.71	6288.71	6288.71	6288.71	6288.71
<b>2.5</b>	5546.53	5513.12	5271.34	5483.39	5317.39	5257.60	5229.15
<b>5.0</b>	5168.47	4948.98	4749.39	4730.92	4489.85	4492.42	4376.41
<b>7.5</b>	4809.55	4574.00	4151.69	4059.93	3852.34	3735.87	3712.50
<b>10.0</b>	4453.92	4016.66	3689.94	3404.59	3131.69	3056.07	2993.32
<b>12.5</b>	4070.04	3554.68	3135.51	2822.53	2564.12	2449.58	2387.27
<b>15.0</b>	3728.25	3078.34	2652.90	2306.02	2082.15	1933.55	1903.95
<b>17.5</b>	3371.68	2714.38	2205.60	1875.85	1703.58	1599.46	1536.83
<b>20.0</b>	3035.87	2340.70	1879.55	1599.88	1427.02	1355.36	1310.75
<b>22.5</b>	2725.17	2072.48	1637.47	1405.99	1274.15	1205.98	1192.31
<b>25.0</b>	2421.35	1807.52	1447.35	1298.53	1210.84	1178.76	1183.59
<b>27.5</b>	2193.90	1634.62	1343.12	1235.69	1203.11	1190.61	1198.63
<b>30.0</b>	1984.94	1502.50	1300.48	1230.11	1210.72	1217.70	1207.59
<b>32.5</b>	1816.76	1464.43	1311.53	1260.05	1243.99	1287.10	1269.03
<b>35.0</b>	1691.97	1426.01	1313.83	1270.98	1255.66	1255.22	1253.88
<b>37.5</b>	1615.64	1397.14	1332.83	1287.87	1261.86	1236.12	1220.37
<b>40.0</b>	1500.57	1375.19	1297.53	1236.79	1194.71	1166.41	1156.09
<b>42.5</b>	1402.46	1327.36	1258.79	1173.40	1110.84	1066.53	1047.50
<b>45.0</b>	1314.61	1261.64	1190.59	1076.76	989.14	942.57	927.25
<b>47.5</b>	1187.30	1168.71	1095.18	966.98	871.60	821.36	801.10
<b>50.0</b>	1076.03	1048.71	954.55	837.71	747.52	688.35	677.50
<b>52.5</b>	928.00	920.37	820.74	706.86	617.24	566.32	540.05
<b>55.0</b>	774.61	764.12	674.26	575.83	494.81	450.62	442.72
<b>57.5</b>	638.83	622.24	554.04	459.68	404.39	362.36	353.59
<b>60.0</b>	514.42	505.93	433.85	366.27	317.75	291.13	279.90
<b>62.5</b>	407.03	386.69	338.54	291.80	259.09	231.07	225.65
<b>65.0</b>	314.81	299.84	266.68	227.57	205.02	184.42	182.93
<b>67.5</b>	241.11	234.15	211.81	185.95	164.36	154.70	148.15
<b>70.0</b>	193.21	182.15	166.48	145.20	130.04	119.34	121.43
<b>72.5</b>	147.27	137.37	130.39	122.69	110.48	102.15	99.86
<b>75.0</b>	113.39	110.33	102.88	94.36	87.02	88.18	83.11
<b>77.5</b>	92.96	88.73	80.27	82.18	73.01	73.48	73.24
<b>80.0</b>	71.95	72.33	66.19	69.23	63.98	64.78	61.31
<b>82.5</b>	51.38	50.90	50.12	50.55	53.71	51.99	51.58
<b>85.0</b>	29.49	30.99	29.38	29.74	28.89	28.01	29.33
<b>87.5</b>	5.60	5.99	6.27	5.34	5.92	6.80	7.14
<b>90.0</b>	0.00	0.00	0.00	0.05	0.00	0.03	0.03
<b>92.5</b>	0.00	0.03	0.00	0.00	0.00	0.06	0.07
<b>95.0</b>	0.00	0.00	0.00	0.01	0.02	0.03	0.03
<b>97.5</b>	0.00	0.00	0.00	0.00	0.01	0.00	0.03
<b>100.0</b>	0.00	0.00	0.00	0.01	0.00	0.00	0.03
<b>102.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>105.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>107.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>110.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>112.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>115.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : BL736LEDHTLOWT50ASYM120-277V\_S.IES

CANDELA TABULATION - (Cont.)

117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.01	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL736LEDHTLOWT50ASYM120-277V\_S.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	2218.62	N.A.	13.60
0-30	5051.99	N.A.	31.00
0-40	9047.93	N.A.	55.60
0-60	15199.8	N.A.	93.40
0-80	16229.49	N.A.	99.70
0-90	16276.22	N.A.	100.00
10-90	15714.59	N.A.	96.50
20-40	6829.31	N.A.	42.00
20-50	10749.44	N.A.	66.00
40-70	6942.8	N.A.	42.70
60-80	1029.69	N.A.	6.30
70-80	238.77	N.A.	1.50
80-90	46.72	N.A.	0.30
90-110	0.01	N.A.	0.00
90-120	0.01	N.A.	0.00
90-130	0.01	N.A.	0.00
90-150	0.01	N.A.	0.00
90-180	0.01	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	16276.22	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	561.63
10-20	1656.99
20-30	2833.37
30-40	3995.94
40-50	3920.13
50-60	2231.74
60-70	790.93
70-80	238.77
80-90	46.72
90-100	0.01
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

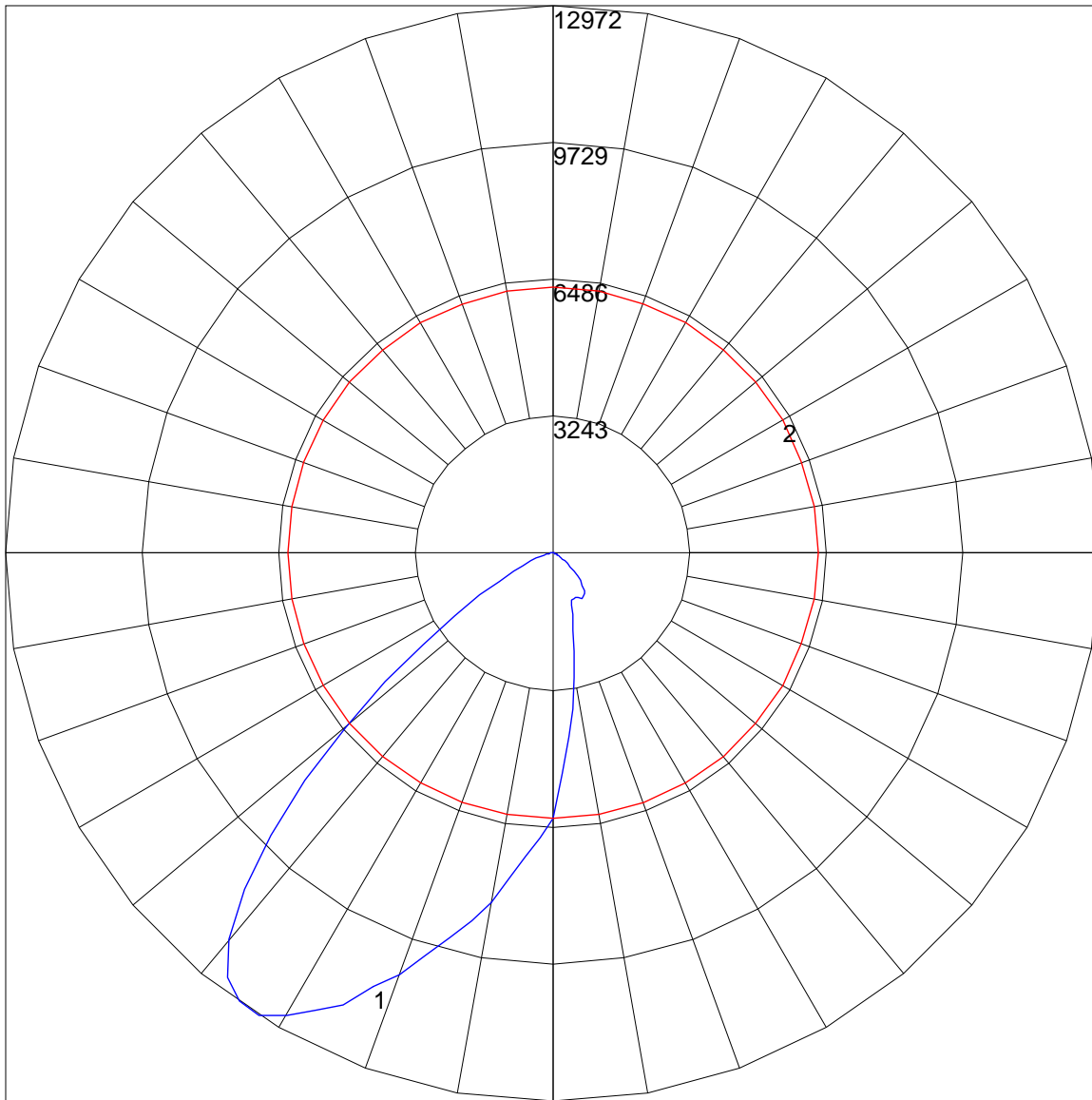
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL736LEDHTLOWT50ASYM120-277V\_S.IES**

**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	104	101	108	105	102	99	101	98	96	97	95	93	93	92	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	80	84	81	79	77
3	95	85	78	73	92	84	77	72	81	76	71	78	74	70	76	72	69	67
4	87	77	69	63	85	75	68	62	73	67	62	71	65	61	69	64	60	58
5	80	69	61	55	79	68	60	54	66	59	54	64	58	53	62	57	53	51
6	74	62	54	48	73	61	54	48	60	53	48	58	52	47	56	51	47	45
7	69	56	48	43	67	56	48	42	54	47	42	53	47	42	52	46	42	40
8	64	52	44	38	63	51	43	38	50	43	38	48	42	37	47	42	37	35
9	60	47	39	34	59	47	39	34	46	39	34	44	38	34	43	38	34	32
10	56	43	36	31	55	43	36	31	42	35	31	41	35	31	40	34	30	29

POLAR GRAPH



Maximum Candela = 12972.3 Located At Horizontal Angle = 180, Vertical Angle = 32.5  
# 1 - Vertical Plane Through Horizontal Angles (180 - 0) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0)