



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL736LEDHTLOWT40ASYM120-277V\_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)

[ISSUE DATE]

[TEST DATE] Fri Oct 27 15:22:24 2017

[TEST] 1

[MANUFACTURER] BEGHELLI

[LUMEN CATEGORY]

[LUMINAIRE] BL736LEDHTLOWT40ASYM120-277V

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

[LAMP CATEGORY] NFSL757DT-V1

[OTHER]

IESNA:LM-63-2002

[TEST] 6,552

[TESTLAB] CSA Group

[ISSUE DATE] 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	15818
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	105
Total Luminaire Watts	150
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.34
Spacing Criterion (90-270)	1.44
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

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL736LEDHTLOWT40ASYM120-277V\_S.IES**

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5574	6798	24992
55	2990	4400	12062
65	1453	1995	4458
75	856	879	1839
85	442	344	541

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL736LEDHTLOWT40ASYM120-277V\_S.IES**

**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>	6032.04	6032.04	6032.04	6032.04	6032.04	6032.04	6032.04	6032.04	6032.04	6032.04
<b>2.5</b>	5052.29	5054.07	5143.35	5162.54	5324.80	5480.29	5470.91	5579.81	5822.03	5863.29
<b>5.0</b>	4323.79	4359.74	4446.49	4509.93	4705.44	4784.59	5101.83	5302.43	5604.37	5754.73
<b>7.5</b>	3645.61	3613.19	3764.60	3865.44	4073.04	4446.31	4649.98	5032.28	5399.48	5835.20
<b>10.0</b>	2933.98	2967.64	3107.42	3288.56	3512.80	3929.86	4347.56	4803.36	5357.71	5833.93
<b>12.5</b>	2328.10	2385.35	2501.07	2689.87	3006.85	3464.25	3930.96	4565.45	5218.65	5914.10
<b>15.0</b>	1854.62	1911.92	2024.69	2228.05	2587.68	3007.92	3608.52	4353.06	5111.49	5907.80
<b>17.5</b>	1521.85	1550.03	1654.14	1853.22	2211.03	2638.22	3305.04	4066.81	5001.77	5915.12
<b>20.0</b>	1286.70	1326.37	1405.88	1560.66	1842.15	2274.97	2952.38	3821.27	4862.66	5944.36
<b>22.5</b>	1188.70	1206.32	1260.24	1355.03	1581.89	1994.68	2640.89	3575.65	4705.81	5921.24
<b>25.0</b>	1133.25	1159.55	1175.55	1242.27	1418.47	1737.70	2385.42	3315.91	4540.60	5901.48
<b>27.5</b>	1165.42	1171.28	1160.15	1205.48	1305.48	1575.74	2127.21	3054.19	4360.08	5847.77
<b>30.0</b>	1195.71	1197.90	1191.34	1195.18	1283.15	1482.40	1915.52	2858.84	4169.66	5779.67
<b>32.5</b>	1218.83	1225.09	1219.13	1244.40	1295.79	1424.81	1788.76	2620.63	4002.37	5692.18
<b>35.0</b>	1235.80	1238.50	1235.68	1245.49	1291.62	1393.59	1684.80	2406.30	3803.36	5652.75
<b>37.5</b>	1194.04	1196.62	1223.24	1250.85	1313.39	1375.63	1581.55	2201.27	3532.40	5407.84
<b>40.0</b>	1119.86	1122.46	1159.01	1215.90	1289.36	1345.51	1486.90	1964.94	3237.74	5065.74
<b>42.5</b>	1015.34	1022.33	1091.37	1140.04	1231.41	1301.26	1376.48	1755.51	2868.52	4614.21
<b>45.0</b>	898.68	917.84	964.23	1064.53	1166.28	1233.53	1290.68	1541.43	2471.15	4045.45
<b>47.5</b>	776.11	795.70	842.33	954.75	1059.23	1145.61	1148.84	1348.31	2086.60	3454.54
<b>50.0</b>	655.86	681.73	716.75	818.83	932.11	1021.14	1034.41	1153.22	1727.01	2839.08
<b>52.5</b>	536.21	553.59	608.57	695.77	789.62	893.69	900.02	965.04	1398.89	2249.46
<b>55.0</b>	428.24	444.00	489.07	561.28	666.56	749.46	765.06	793.69	1100.32	1736.39
<b>57.5</b>	344.36	356.69	394.29	449.53	546.22	613.46	628.44	641.43	850.73	1317.99
<b>60.0</b>	278.62	282.11	311.25	356.08	424.97	484.25	498.96	517.88	657.63	969.89
<b>62.5</b>	222.95	226.88	248.93	283.16	336.32	376.77	394.34	409.80	500.09	720.28
<b>65.0</b>	175.56	179.43	199.77	223.20	265.26	295.04	310.03	322.01	391.76	542.29
<b>67.5</b>	142.30	147.32	154.90	180.77	201.06	228.01	243.86	256.27	308.81	410.65
<b>70.0</b>	121.05	122.35	124.59	146.35	153.96	180.26	187.31	199.34	236.44	308.24
<b>72.5</b>	98.95	99.67	107.00	116.09	122.94	137.39	144.22	155.43	182.99	229.86
<b>75.0</b>	81.09	86.89	87.99	88.96	97.31	105.91	110.09	121.12	140.83	175.90
<b>77.5</b>	70.45	69.93	74.51	76.67	80.74	85.21	90.85	98.60	107.44	127.46
<b>80.0</b>	61.33	60.84	60.64	64.07	66.33	68.59	70.48	70.18	82.73	95.03
<b>82.5</b>	49.18	48.23	49.74	51.53	51.04	51.66	53.80	54.41	55.30	63.39
<b>85.0</b>	29.11	28.08	29.04	28.14	30.45	29.75	29.76	30.80	31.74	36.09
<b>87.5</b>	6.70	6.83	6.02	5.86	6.45	5.45	5.67	6.58	6.69	7.45
<b>90.0</b>	0.04	0.01	0.04	0.04	0.04	0.00	0.00	0.00	0.00	0.01
<b>92.5</b>	0.03	0.03	0.04	0.00	0.00	0.03	0.00	0.00	0.00	0.00
<b>95.0</b>	0.03	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>97.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>100.0</b>	0.00	0.01	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	0.00	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>	0.03	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

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL736LEDHTLOWT40ASYM120-277V\_S.IES**

**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	0.01	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	0.05	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	6032.04	6032.04	6032.04	6032.04	6032.04	6032.04	6032.04	6032.04	6032.04	6032.04
2.5	6042.25	6022.23	6190.49	6167.22	6304.93	6431.05	6330.03	6459.31	6456.86	6519.00
5.0	6090.31	6213.53	6433.64	6656.71	6829.73	6844.09	6925.30	6928.32	6974.08	6959.35
7.5	6162.12	6464.81	6820.24	6927.32	7268.36	7363.91	7433.27	7585.64	7569.31	7609.74
10.0	6356.90	6744.20	7125.18	7410.57	7628.40	7930.30	8047.81	8103.38	8157.40	8104.84
12.5	6468.83	7011.52	7424.95	7826.95	8115.19	8437.06	8570.35	8634.56	8637.64	8683.84
15.0	6630.62	7213.72	7833.19	8261.96	8533.44	8856.51	9043.37	9195.26	9230.98	9198.48
17.5	6754.16	7523.07	8145.90	8653.95	9042.12	9403.48	9614.45	9736.52	9750.44	9726.99
20.0	6946.08	7774.88	8467.53	8990.03	9512.85	9788.43	10097.51	10302.16	10300.34	10217.89
22.5	7029.29	7954.35	8761.52	9450.07	9885.83	10334.52	10629.04	10750.90	10793.21	10831.95
25.0	7119.15	8234.40	9069.41	9795.99	10358.70	10821.39	11153.90	11320.56	11384.19	11355.36
27.5	7226.04	8400.34	9375.09	10133.63	10753.35	11226.31	11557.81	11833.89	11837.38	11754.99
30.0	7293.74	8579.06	9596.92	10455.75	11118.18	11679.56	12000.08	12198.47	12251.54	12241.43
32.5	7396.83	8775.53	9890.52	10763.20	11491.73	11990.16	12357.16	12551.20	12537.35	12548.14
35.0	7406.37	8870.63	10077.91	11063.15	11697.15	12216.48	12493.05	12563.46	12664.79	12645.08
37.5	7288.56	8882.32	10145.26	11112.54	11784.62	12201.36	12324.24	12297.40	12273.48	12368.77
40.0	6947.60	8637.06	10021.91	11013.58	11535.51	11744.70	11806.14	11672.32	11617.68	11706.00
42.5	6454.80	8173.50	9620.99	10570.69	10957.88	10986.67	10846.90	10590.27	10517.16	10580.90
45.0	5763.25	7458.59	8975.07	9885.35	10117.17	9954.23	9586.14	9317.43	9212.48	9344.24
47.5	4990.30	6602.11	8121.95	8935.26	9008.49	8690.97	8266.72	7859.49	7706.11	7891.75
50.0	4151.12	5613.55	7070.39	7801.32	7735.10	7318.04	6768.00	6408.27	6265.20	6405.64
52.5	3320.46	4611.09	5903.74	6522.07	6370.45	5886.30	5347.99	5002.68	4858.14	5044.07
55.0	2585.09	3621.28	4708.95	5248.11	5070.20	4571.88	4090.79	3763.34	3673.50	3773.72
57.5	1921.94	2757.50	3642.19	4052.49	3857.61	3430.04	3032.11	2795.44	2671.08	2775.48
60.0	1423.14	2052.92	2740.32	3026.65	2862.55	2520.39	2183.85	2007.74	1945.26	1989.98
62.5	1044.18	1487.13	1995.01	2194.59	2087.91	1813.98	1590.26	1445.89	1392.80	1444.52
65.0	770.11	1088.73	1426.32	1566.35	1465.54	1297.76	1138.76	1030.79	999.09	1043.10
67.5	565.97	774.35	1014.11	1090.38	1032.71	921.97	829.07	754.41	730.59	760.58
70.0	419.61	560.11	703.77	774.09	730.15	668.11	592.83	556.29	544.26	548.18
72.5	303.93	396.09	493.31	527.90	514.07	474.06	432.06	402.92	387.87	402.78
75.0	219.99	279.45	336.65	373.93	358.97	336.27	307.52	290.78	285.46	294.56
77.5	159.12	194.87	226.95	247.49	248.82	234.07	223.85	203.06	202.98	206.32
80.0	109.36	128.31	152.66	163.39	166.23	158.30	145.77	142.95	140.71	139.40

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL736LEDHTLOWT40ASYM120-277V\_S.IES**

**CANDELA TABULATION - (Cont.)**

82.5	70.10	82.52	90.57	100.87	98.09	98.25	91.04	89.53	87.46	88.60
85.0	37.41	40.72	44.58	48.71	46.00	47.62	45.98	46.89	43.66	46.15
87.5	8.54	9.09	9.35	10.78	9.46	7.99	7.81	8.99	8.22	7.35
90.0	0.01	0.00	0.01	0.03	0.03	0.00	0.01	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	0.04
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	0.02	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	6032.04	6032.04	6032.04	6032.04	6032.04	6032.04	6032.04	6032.04	6032.04	6032.04
2.5	6471.65	6399.43	6451.90	6391.79	6157.59	6060.93	5943.13	5899.62	5912.76	5505.00
5.0	6910.87	6935.00	6727.00	6537.64	6329.74	6285.91	6014.68	5780.04	5603.07	5168.79
7.5	7504.31	7359.64	7181.39	7007.48	6772.55	6438.58	6132.26	5784.52	5425.92	5095.20
10.0	7964.87	7976.74	7765.62	7400.45	7115.40	6733.05	6294.58	5807.77	5318.03	4831.26
12.5	8572.38	8461.07	8169.07	7821.67	7414.44	7012.76	6508.26	5861.85	5213.47	4536.12
15.0	9125.69	8849.11	8628.19	8255.86	7824.35	7284.50	6666.03	5865.27	5099.93	4365.87
17.5	9555.37	9354.19	9125.90	8650.03	8105.43	7538.90	6773.40	5893.73	5014.80	4131.39
20.0	10047.58	9889.30	9499.94	9092.08	8524.18	7768.26	6919.55	5962.59	4837.69	3831.79
22.5	10670.75	10363.86	9946.71	9411.05	8785.76	7936.04	6972.58	5928.56	4703.43	3582.41
25.0	11142.55	10752.39	10370.46	9764.70	9021.93	8160.55	7050.36	5849.85	4499.58	3294.22
27.5	11615.88	11301.01	10743.42	10067.47	9247.62	8339.73	7166.26	5819.51	4352.29	3042.67

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL736LEDHTLOWT40ASYM120-277V\_S.IES**

**CANDELA TABULATION - (Cont.)**

30.0	12016.44	11641.12	11143.65	10396.46	9465.28	8559.18	7215.42	5708.56	4134.58	2830.29
32.5	12380.23	12018.39	11459.42	10696.45	9780.19	8702.98	7280.29	5632.70	3966.11	2600.81
35.0	12496.51	12222.51	11670.06	10954.48	9950.94	8742.25	7299.50	5509.90	3738.63	2384.87
37.5	12317.12	12101.19	11697.99	10965.51	9981.10	8738.69	7126.97	5320.79	3481.79	2168.70
40.0	11736.27	11722.62	11454.67	10776.92	9837.68	8478.35	6839.10	4979.96	3172.45	1962.28
42.5	10803.03	10927.73	10815.99	10359.67	9431.06	7981.90	6344.33	4529.80	2803.61	1732.46
45.0	9648.11	9882.30	9969.05	9684.31	8773.01	7343.44	5691.44	3982.81	2443.03	1504.10
47.5	8211.49	8653.74	8930.70	8737.45	7913.51	6510.06	4925.15	3412.14	2082.93	1332.07
50.0	6802.41	7236.07	7664.20	7642.22	6905.54	5559.05	4128.68	2820.39	1720.28	1136.52
52.5	5379.16	5848.58	6255.04	6344.85	5791.17	4573.54	3308.97	2248.58	1399.01	964.68
55.0	4083.67	4532.87	4972.40	5128.55	4652.05	3608.84	2551.04	1717.54	1094.64	800.20
57.5	3044.47	3410.12	3807.06	3964.90	3595.52	2750.76	1922.52	1302.40	846.39	644.13
60.0	2211.72	2491.78	2829.34	2976.06	2674.17	2048.37	1425.69	965.26	651.71	515.36
62.5	1594.11	1795.93	2029.62	2174.05	1965.16	1490.67	1039.99	711.09	506.27	403.95
65.0	1125.30	1286.77	1446.06	1531.75	1410.90	1085.15	768.44	538.15	388.99	319.69
67.5	818.18	916.93	1033.99	1075.31	984.52	780.48	563.44	407.62	302.39	249.11
70.0	592.26	659.72	719.90	749.98	688.28	548.07	407.86	308.53	234.50	200.69
72.5	427.16	473.75	503.37	520.13	479.99	381.88	295.72	230.08	180.75	154.70
75.0	308.25	339.52	355.07	355.94	327.21	281.69	220.14	172.67	138.50	119.70
77.5	219.49	228.07	247.31	241.77	224.45	187.85	157.11	126.23	103.14	94.26
80.0	147.01	152.58	158.57	159.50	148.62	125.47	107.27	92.22	79.87	69.20
82.5	92.14	93.46	95.00	96.26	91.95	77.88	69.87	60.58	54.78	49.99
85.0	50.51	45.80	47.96	49.01	43.49	40.64	35.77	33.07	29.69	29.87
87.5	7.96	8.12	8.97	9.15	9.55	8.90	7.21	8.34	7.37	6.89
90.0	0.04	0.00	0.00	0.01	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	0.03	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	0.01	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	0.00	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

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL736LEDHTLOWT40ASYM120-277V\_S.IES**

**CANDELA TABULATION - (Cont.)**

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. Horizontal Angles**  
**Angles**

	<u>300</u>	<u>310</u>	<u>320</u>	<u>330</u>	<u>340</u>	<u>350</u>	<u>360</u>
0.0	6032.04	6032.04	6032.04	6032.04	6032.04	6032.04	6032.04
2.5	5495.39	5392.10	5290.20	5198.27	5112.41	5100.17	5052.29
5.0	5066.55	4839.21	4667.54	4508.47	4387.51	4457.69	4323.79
7.5	4676.57	4358.28	4128.67	3930.31	3805.17	3674.78	3645.61
10.0	4296.48	3934.71	3556.05	3299.71	3075.37	2966.57	2933.98
12.5	3938.87	3462.74	3073.73	2727.76	2501.78	2367.97	2328.10
15.0	3592.40	3027.86	2539.98	2234.81	2039.11	1907.80	1854.62
17.5	3289.33	2627.61	2148.32	1846.99	1637.78	1542.19	1521.96
20.0	2964.91	2283.26	1837.28	1542.75	1403.04	1300.51	1286.70
22.5	2629.12	1988.29	1575.51	1352.58	1241.60	1168.43	1188.70
25.0	2331.55	1761.61	1418.91	1246.60	1180.10	1163.56	1133.25
27.5	2105.65	1559.92	1316.89	1203.34	1162.24	1165.27	1165.42
30.0	1936.58	1470.06	1289.07	1215.07	1194.37	1175.39	1195.71
32.5	1773.53	1417.67	1255.48	1229.05	1218.37	1221.32	1218.83
35.0	1656.74	1375.91	1283.86	1247.98	1231.71	1224.20	1235.80
37.5	1538.82	1357.53	1288.91	1246.28	1215.32	1188.08	1194.04
40.0	1468.13	1325.75	1271.58	1206.78	1177.06	1134.97	1119.86
42.5	1371.68	1278.47	1230.37	1141.74	1075.35	1037.80	1015.35
45.0	1268.53	1222.10	1145.70	1046.66	963.18	922.86	898.68
47.5	1158.70	1128.31	1042.98	932.78	847.97	783.91	776.11
50.0	1041.91	1011.87	934.94	807.33	717.60	671.11	655.86
52.5	894.78	892.75	791.88	685.38	599.77	554.63	536.21
55.0	758.28	752.46	661.37	563.87	486.88	448.74	428.24
57.5	620.48	602.05	535.28	450.65	386.04	349.56	344.36
60.0	501.08	480.22	425.38	356.30	308.25	283.47	278.62
62.5	391.50	377.04	332.81	276.48	247.06	222.87	222.95
65.0	304.14	299.06	259.73	229.97	198.37	181.30	175.56
67.5	241.19	221.70	200.94	179.53	160.13	149.19	142.30
70.0	184.74	178.76	157.62	144.50	131.15	118.91	121.05
72.5	144.34	136.97	127.66	115.44	102.99	97.04	98.95
75.0	108.91	107.78	101.22	91.20	86.51	82.28	81.09
77.5	88.03	85.78	82.31	77.59	73.79	71.05	70.45
80.0	66.08	64.99	62.89	66.16	63.36	59.84	61.33
82.5	53.87	47.82	50.22	49.95	50.25	47.36	49.18
85.0	30.34	31.13	26.86	28.88	28.18	28.99	29.11
87.5	6.30	6.73	5.54	6.23	6.00	5.93	6.70
90.0	0.00	0.00	0.00	0.00	0.08	0.00	0.04
92.5	0.00	0.00	0.00	0.08	0.00	0.00	0.03
95.0	0.00	0.00	0.00	0.00	0.05	0.00	0.03
97.5	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
102.5	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
107.5	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
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.03
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : BL736LEDHTLOWT40ASYM120-277V\_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	0.02	0.00	0.00	0.05	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	0.00	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
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 : BL736LEDHTLOWT40ASYM120-277V\_S.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	2158.38	N.A.	13.60
0-30	4912.68	N.A.	31.10
0-40	8797.32	N.A.	55.60
0-60	14774.12	N.A.	93.40
0-80	15772.97	N.A.	99.70
0-90	15818.24	N.A.	100.00
10-90	15272.23	N.A.	96.50
20-40	6638.95	N.A.	42.00
20-50	10447.86	N.A.	66.00
40-70	6744.19	N.A.	42.60
60-80	998.85	N.A.	6.30
70-80	231.46	N.A.	1.50
80-90	45.26	N.A.	0.30
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.01	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	15818.24	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	546.01
10-20	1612.37
20-30	2754.31
30-40	3884.64
40-50	3808.92
50-60	2167.89
60-70	767.39
70-80	231.46
80-90	45.26
90-100	0.00
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

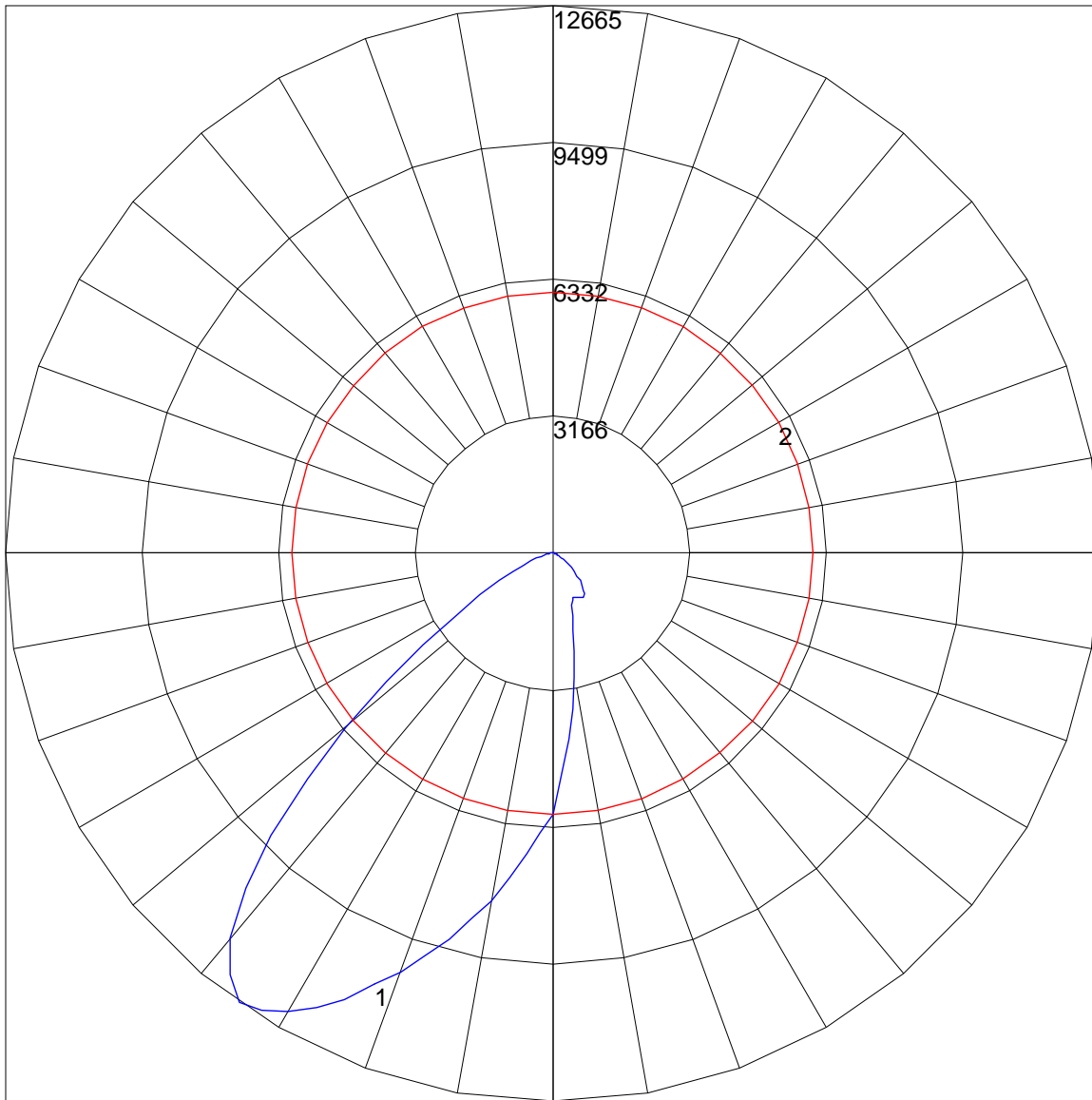
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL736LEDHTLOWT40ASYM120-277V\_S.IES**

**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	81	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	57	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 = 12664.79 Located At Horizontal Angle = 180, Vertical Angle = 35  
# 1 - Vertical Plane Through Horizontal Angles (180 - 0) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0)