



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL736LEDHTHOWBDWT40120-277V\_S.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Photopia 2015.1.1 see: [www.ltioptics.com/ies](http://www.ltioptics.com/ies)

[ISSUEDATE]

[TESTDATE] Mon Aug 08 10:53:15 2016

[TEST] 1

[MANUFAC] BEGHELLI

[LUMCAT]

[LUMINAIRE] BL736LEDHTHOWBDWT40120-277V

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

[LAMPCAT] NFSL757DT-V1

[OTHER] Indoor Photometric Report

[OTHER] LUMINAIRE PROPERTIES

[OTHER] Number of lamps: 512

[OTHER] Lumens per lamp: 58.6

[OTHER] Input watts: 220.4

[OTHER] Distribution: Direct

[OTHER] Symmetry: None

[OTHER] Photometric Type: C

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	24707
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	107
Total Luminaire Watts	230
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.24
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 : BL736LEDHTHOWBDWT40120-277V\_S.IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	18966	31137	20309
55	4252	6900	4393
65	1356	1802	1364
75	512	563	536
85	137	101	122

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL736LEDHTHOWBDWT40120-277V\_S.IES**

**CANDELA TABULATION**

	<u>0</u>	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>50</u>	<u>60</u>	<u>70</u>	<u>80</u>	<u>90</u>
<b>0.0</b>	14502.31	14502.31	14502.31	14502.31	14502.31	14502.31	14502.31	14502.31	14502.31	14502.31
<b>2.5</b>	13883.29	14115.50	13834.92	14123.37	14052.87	13892.28	14066.56	14013.93	14114.73	13906.04
<b>5.0</b>	13941.25	13901.23	14016.30	14073.23	13955.55	14002.64	14031.96	14082.05	13911.17	13735.55
<b>7.5</b>	14465.54	14651.32	14659.46	14539.58	14529.58	14463.98	14488.07	14295.72	14159.74	14278.74
<b>10.0</b>	15248.33	15139.57	15239.30	15385.97	15179.26	15172.44	14942.71	14849.39	14794.98	14577.39
<b>12.5</b>	15606.39	15716.62	15821.63	15696.65	15647.83	15644.05	15457.01	15214.35	15173.39	14914.37
<b>15.0</b>	16038.28	15945.95	16092.70	16199.26	16219.56	16026.00	15946.22	15531.41	15496.84	15252.42
<b>17.5</b>	16152.52	16220.69	16348.64	16446.93	16500.71	16525.79	16240.99	15943.12	15665.53	15460.05
<b>20.0</b>	16023.09	16141.41	16234.72	16601.23	16801.51	16720.04	16466.38	16146.44	15725.70	15578.10
<b>22.5</b>	15636.68	15825.13	16109.91	16568.92	16806.98	16840.75	16713.85	16190.55	15680.66	15342.33
<b>25.0</b>	14945.36	15050.27	15690.57	16154.62	16801.73	16975.02	16808.70	16203.60	15596.44	15210.98
<b>27.5</b>	13932.79	14120.92	14797.70	15689.18	16512.94	16793.80	16413.43	15731.26	15003.63	14543.39
<b>30.0</b>	12569.33	12841.72	13629.39	14730.79	15836.85	16265.29	15863.01	14915.77	13927.24	13507.89
<b>32.5</b>	10929.17	11295.38	12120.61	13473.05	14708.49	15177.24	14707.01	13632.31	12583.95	12068.84
<b>35.0</b>	9261.85	9521.38	10498.87	11915.60	13248.12	13798.75	13191.05	11926.35	10908.32	10342.11
<b>37.5</b>	7494.84	7756.26	8715.43	10154.15	11442.18	11826.77	11215.78	10034.38	8860.03	8395.39
<b>40.0</b>	5816.71	6044.61	6927.30	8234.95	9385.51	9683.00	9089.60	7920.75	6879.79	6426.91
<b>42.5</b>	4314.70	4567.75	5251.77	6386.57	7293.77	7552.19	6950.80	5960.68	5043.33	4719.28
<b>45.0</b>	3057.72	3257.94	3836.27	4706.24	5408.92	5582.49	5016.81	4255.10	3559.12	3287.49
<b>47.5</b>	2114.60	2237.34	2695.03	3314.88	3844.35	3872.31	3535.54	2899.20	2406.74	2209.35
<b>50.0</b>	1407.06	1502.48	1825.62	2241.42	2603.45	2623.16	2341.03	1925.89	1580.08	1452.66
<b>52.5</b>	919.87	980.48	1190.33	1487.80	1689.87	1716.04	1526.62	1241.46	1032.47	956.10
<b>55.0</b>	608.93	648.35	775.36	965.31	1109.70	1110.68	990.99	812.67	682.83	632.32
<b>57.5</b>	426.88	450.83	526.49	652.29	731.43	727.02	656.60	552.46	464.30	434.21
<b>60.0</b>	304.96	314.78	372.28	445.40	493.27	492.13	446.51	376.41	331.75	309.00
<b>62.5</b>	222.24	236.17	268.92	312.02	354.47	346.84	313.34	273.34	237.50	227.42
<b>65.0</b>	163.89	177.17	205.42	222.88	253.02	252.90	223.49	199.20	175.02	165.99
<b>67.5</b>	126.26	124.93	145.35	164.16	175.87	178.31	168.68	145.59	129.52	128.08
<b>70.0</b>	92.63	92.62	105.26	118.41	130.05	125.71	123.38	108.45	97.80	94.66
<b>72.5</b>	71.73	68.57	73.70	87.54	91.80	95.98	87.60	81.11	73.08	71.58
<b>75.0</b>	48.53	50.14	56.68	59.23	62.49	67.65	67.40	57.42	53.22	51.26
<b>77.5</b>	34.17	35.20	39.34	39.85	45.10	47.72	43.89	41.32	35.17	39.30
<b>80.0</b>	23.68	22.36	24.76	28.22	29.83	30.30	31.25	26.99	27.06	24.51
<b>82.5</b>	15.28	14.58	16.63	14.71	16.12	16.53	17.24	17.47	17.03	16.51
<b>85.0</b>	9.01	9.24	8.51	9.31	8.45	9.24	8.29	7.39	8.36	8.17
<b>87.5</b>	1.85	1.80	2.01	1.99	1.44	1.50	1.71	1.91	1.31	1.25
<b>90.0</b>	0.01	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>92.5</b>	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00
<b>95.0</b>	0.00	0.00	0.00	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	0.00	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	0.00	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>	0.00	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

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL736LEDHTHOWBDWT40120-277V\_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	0.00	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**

	<b>100</b>	<b>110</b>	<b>120</b>	<b>130</b>	<b>140</b>	<b>150</b>	<b>160</b>	<b>170</b>	<b>180</b>	<b>190</b>
0.0	14502.31	14502.31	14502.31	14502.31	14502.31	14502.31	14502.31	14502.31	14502.31	14502.31
2.5	13969.94	14032.12	13816.79	13760.08	13833.96	13836.87	13889.72	14086.40	13667.72	13955.21
5.0	13851.32	13923.94	13768.35	13940.22	13910.12	13708.15	13821.58	13725.96	13793.74	13834.08
7.5	14165.27	14225.22	14239.63	14092.52	14164.46	14263.87	14243.37	14090.92	14280.63	14301.40
10.0	14630.53	14721.06	14636.23	14705.32	14726.49	14744.23	14715.11	14630.72	14691.13	14804.25
12.5	14919.01	15000.25	15040.36	15044.64	15081.64	15150.54	15147.41	15092.54	15039.21	15142.48
15.0	15222.35	15415.32	15481.16	15406.83	15481.17	15506.99	15372.90	15273.17	15239.06	15358.24
17.5	15483.93	15588.99	15652.82	15867.68	15655.96	15752.80	15353.82	15354.55	15322.21	15305.39
20.0	15593.49	15707.63	15928.18	16121.60	15969.55	15753.88	15539.37	15273.58	15263.95	15278.29
22.5	15392.98	15731.39	15967.57	16190.09	15994.01	15581.73	15212.70	15008.79	14819.26	14967.25
25.0	15271.37	15628.36	15948.22	16152.94	16010.90	15406.06	14849.23	14491.95	14391.70	14486.10
27.5	14751.79	15207.85	15713.56	15887.10	15590.20	14882.61	14166.72	13700.22	13505.52	13727.54
30.0	13643.11	14289.65	14944.95	15335.88	15085.31	14187.87	13204.17	12533.57	12370.37	12585.05
32.5	12268.00	13005.47	13925.99	14426.58	14148.35	13147.94	12029.25	11247.29	11024.10	11311.00
35.0	10582.46	11390.42	12503.75	13105.74	12881.22	11853.16	10589.92	9761.61	9468.27	9837.38
37.5	8669.70	9500.38	10626.09	11360.33	11204.50	10236.52	9017.10	8115.06	7876.62	8167.01
40.0	6735.83	7522.28	8619.72	9446.82	9394.92	8551.81	7300.73	6496.29	6230.07	6513.35
42.5	4918.29	5665.09	6632.55	7360.40	7381.46	6670.89	5707.78	4958.73	4729.12	4968.93
45.0	3468.32	4062.45	4844.29	5464.32	5591.59	5033.79	4216.20	3616.17	3431.71	3615.85
47.5	2341.81	2779.95	3426.82	3932.81	4017.80	3604.04	2995.59	2519.44	2365.43	2551.18
50.0	1534.31	1859.20	2282.28	2661.27	2768.04	2472.84	2059.05	1706.35	1590.38	1723.23
52.5	995.08	1203.87	1489.91	1739.55	1807.51	1647.13	1345.76	1133.10	1047.81	1126.71
55.0	668.73	791.26	955.08	1131.01	1176.94	1065.92	892.50	733.02	702.07	733.89
57.5	450.82	531.78	651.93	741.58	770.94	695.81	587.81	504.47	475.65	496.95
60.0	323.51	373.12	441.57	505.42	517.20	476.55	410.37	356.31	339.83	354.78
62.5	235.86	268.16	313.40	355.68	367.29	339.19	292.35	259.63	245.17	257.48
65.0	174.14	198.54	222.60	248.40	258.95	242.81	220.30	179.22	182.28	187.50
67.5	129.02	145.84	164.54	176.74	187.24	178.14	155.29	139.10	132.89	142.64
70.0	96.09	107.88	120.15	130.63	132.37	123.20	116.53	104.62	98.15	105.98
72.5	72.38	77.36	89.25	92.98	92.93	92.86	81.96	78.49	70.62	71.84
75.0	50.35	55.43	59.40	66.40	67.08	66.06	58.34	53.59	53.04	56.55
77.5	40.31	40.66	40.78	44.87	45.74	42.34	41.30	36.95	36.65	38.00
80.0	25.35	27.42	29.01	28.42	32.27	26.99	28.08	25.86	25.54	25.56

IES INDOOR REPORT  
 PHOTOMETRIC FILENAME : BL736LEDHTHOWBDWT40120-277V\_S.IES

CANDELA TABULATION - (Cont.)

82.5	15.38	16.44	15.55	18.26	16.64	16.27	15.48	16.61	14.56	15.58
85.0	7.70	9.12	8.13	8.18	9.11	8.48	8.19	8.80	8.41	8.13
87.5	1.87	1.82	1.85	1.77	1.60	1.90	1.54	1.85	1.27	1.83
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.06
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	0.01	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	14502.31	14502.31	14502.31	14502.31	14502.31	14502.31	14502.31	14502.31	14502.31	14502.31
2.5	13873.75	13944.26	13840.20	13852.26	14011.31	13842.68	13982.87	14122.59	14107.01	14204.13
5.0	13981.88	13732.49	13844.39	13813.57	13895.96	13751.07	13860.14	13996.26	13847.75	13887.79
7.5	14209.93	14299.02	14148.75	14179.08	14285.24	14271.00	14249.98	14404.08	14393.01	14493.16
10.0	14692.80	14768.05	14815.61	14597.77	14830.87	14779.21	14707.46	14849.96	14870.41	14982.40
12.5	15118.23	15208.09	15230.18	15264.10	15074.04	15087.20	14997.35	15083.01	15192.30	15385.24
15.0	15511.71	15489.18	15681.34	15519.38	15530.42	15430.51	15363.65	15428.12	15487.18	15804.43
17.5	15562.74	15749.30	15958.08	15911.22	15921.17	15736.28	15539.44	15556.56	15820.50	16156.19
20.0	15489.04	15840.05	16046.67	16136.63	15944.42	15916.58	15679.57	15776.49	15929.54	16269.10
22.5	15303.38	15736.79	16163.71	16248.03	16223.69	15898.29	15660.88	15641.52	15958.15	16433.09
25.0	15014.93	15505.64	16087.15	16313.89	16229.37	15825.27	15434.19	15372.72	15663.39	16286.40
27.5	14285.44	15033.65	15800.06	16152.84	15833.12	15280.20	14757.34	14712.59	15131.43	15900.94

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL736LEDHTHOWBDWT40120-277V\_S.IES**

**CANDELA TABULATION - (Cont.)**

30.0	13371.81	14336.62	15234.92	15500.48	15140.34	14413.08	13680.25	13586.38	14098.96	15014.23
32.5	12128.28	13252.97	14359.52	14518.64	14038.05	13024.19	12301.84	12127.34	12571.26	13636.30
35.0	10668.65	12012.04	13019.01	13227.28	12450.02	11399.57	10532.13	10305.04	10828.58	11869.48
37.5	9066.52	10330.21	11286.75	11399.64	10625.32	9451.04	8566.16	8332.08	8775.43	9908.80
40.0	7410.40	8576.42	9428.41	9420.25	8538.31	7483.56	6663.17	6408.10	6798.08	7856.82
42.5	5721.55	6762.05	7440.46	7332.25	6576.21	5594.42	4838.52	4636.55	4988.68	5846.94
45.0	4241.26	5057.93	5590.86	5444.42	4783.80	3972.48	3374.38	3231.94	3456.30	4184.94
47.5	3012.69	3653.73	4019.65	3894.10	3336.82	2706.21	2286.90	2156.33	2368.66	2847.11
50.0	2096.37	2495.29	2745.99	2627.20	2237.74	1779.56	1505.20	1405.53	1554.72	1877.04
52.5	1380.85	1672.47	1809.26	1730.79	1462.40	1170.13	977.24	911.90	996.66	1209.60
55.0	885.37	1082.56	1166.71	1105.48	947.64	763.93	636.43	612.59	656.20	793.52
57.5	602.65	704.07	770.91	726.51	635.83	519.07	448.03	421.26	460.78	537.30
60.0	410.23	481.01	513.57	493.83	437.40	365.67	315.48	301.24	323.80	376.94
62.5	293.77	338.62	364.61	350.27	313.16	264.67	232.55	221.01	239.69	266.23
65.0	213.06	244.42	264.85	250.55	224.44	200.58	173.16	168.65	171.09	203.15
67.5	156.13	173.90	186.08	179.51	165.64	146.31	127.10	120.47	132.21	148.45
70.0	111.72	129.51	134.64	128.39	120.36	101.96	94.08	94.74	92.72	105.44
72.5	84.94	87.40	99.54	92.93	85.28	75.97	70.47	67.72	73.92	72.93
75.0	59.44	63.35	67.61	65.53	63.27	55.39	49.41	52.65	57.33	58.13
77.5	42.41	44.86	45.99	45.71	42.49	38.88	37.08	35.23	38.98	38.73
80.0	25.37	27.78	30.33	28.62	28.84	28.24	26.32	26.29	25.37	26.25
82.5	14.98	17.00	17.77	16.42	17.28	17.75	16.03	15.96	17.05	17.12
85.0	7.70	8.29	8.34	8.16	7.96	8.14	8.58	8.06	7.75	8.11
87.5	2.24	1.45	1.38	1.38	1.30	1.56	1.85	2.13	1.98	1.73
90.0	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	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	0.00	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 : BL736LEDHTHOWBDWT40120-277V\_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**

<b>Angles</b>	<b>300</b>	<b>310</b>	<b>320</b>	<b>330</b>	<b>340</b>	<b>350</b>	<b>360</b>
<b>0.0</b>	14502.31	14502.31	14502.31	14502.31	14502.31	14502.31	14502.31
<b>2.5</b>	14174.90	13788.04	14169.52	13990.28	13784.46	13717.13	13885.87
<b>5.0</b>	14052.39	14080.39	13971.42	14092.49	14077.76	13911.97	13942.90
<b>7.5</b>	14465.33	14482.90	14526.62	14535.95	14752.57	14587.65	14465.54
<b>10.0</b>	15037.39	15098.80	15066.50	15195.77	15222.13	15081.74	15248.59
<b>12.5</b>	15513.66	15694.67	15870.62	15728.08	15606.98	15615.62	15606.65
<b>15.0</b>	15933.33	16148.87	16136.83	16220.90	16117.53	16042.43	16038.28
<b>17.5</b>	16317.17	16578.79	16590.96	16509.54	16356.97	16219.28	16152.79
<b>20.0</b>	16652.81	16905.82	16877.07	16634.38	16373.82	16150.99	16023.09
<b>22.5</b>	16885.46	17096.57	16955.78	16625.44	16217.94	15794.26	15636.68
<b>25.0</b>	17035.82	17193.23	17005.94	16413.49	15770.37	15270.42	14945.45
<b>27.5</b>	16641.21	17087.36	16702.06	15793.15	14815.22	14203.41	13932.79
<b>30.0</b>	15939.05	16404.71	15903.51	14845.51	13704.14	12808.03	12569.33
<b>32.5</b>	14799.44	15396.21	14859.85	13662.95	12196.01	11344.32	10929.22
<b>35.0</b>	13237.68	13876.16	13364.25	12094.20	10579.46	9606.19	9261.85
<b>37.5</b>	11238.98	11997.14	11492.85	10285.61	8771.11	7822.83	7495.01
<b>40.0</b>	9009.17	9736.42	9425.73	8260.40	6981.34	6075.09	5816.71
<b>42.5</b>	6921.67	7501.90	7316.14	6453.27	5312.41	4571.66	4314.71
<b>45.0</b>	4974.60	5561.35	5438.54	4767.44	3913.87	3249.01	3057.80
<b>47.5</b>	3443.17	3912.58	3833.03	3355.73	2730.90	2260.81	2114.60
<b>50.0</b>	2314.61	2591.16	2590.57	2267.33	1850.73	1516.65	1407.13
<b>52.5</b>	1489.45	1702.41	1721.39	1505.77	1221.08	997.59	919.91
<b>55.0</b>	966.19	1098.09	1099.90	978.07	794.76	656.84	608.95
<b>57.5</b>	632.88	723.80	720.10	639.23	535.74	459.84	426.88
<b>60.0</b>	445.16	502.65	498.76	441.19	372.75	314.35	305.02
<b>62.5</b>	318.55	345.51	351.34	310.09	272.35	233.98	222.27
<b>65.0</b>	228.88	249.82	251.56	229.30	195.52	177.79	163.92
<b>67.5</b>	163.65	184.92	179.81	161.53	144.28	130.67	126.30
<b>70.0</b>	121.29	133.31	129.66	115.83	100.31	96.38	92.63
<b>72.5</b>	86.90	90.13	91.76	86.37	78.89	71.35	71.78
<b>75.0</b>	62.41	68.70	65.45	60.26	56.09	50.18	48.53
<b>77.5</b>	42.82	44.72	45.60	41.00	40.11	35.94	34.17
<b>80.0</b>	27.21	29.08	28.88	26.99	25.20	26.11	23.68
<b>82.5</b>	17.78	19.12	17.45	16.73	16.32	15.52	15.28
<b>85.0</b>	7.22	8.55	9.35	7.02	8.91	8.17	9.01
<b>87.5</b>	2.25	1.93	2.05	1.73	2.72	2.18	1.85
<b>90.0</b>	0.01	0.00	0.00	0.00	0.05	0.06	0.01
<b>92.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>95.0</b>	0.00	0.00	0.00	0.06	0.00	0.00	0.00
<b>97.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>100.0</b>	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
<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 : BL736LEDHTHOWBDWT40120-277V\_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	0.05	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	0.00	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 : BL736LEDHTHOWBDWT40120-277V\_S.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	5804.32	N.A.	23.50
0-30	12981.36	N.A.	52.50
0-40	20037.05	N.A.	81.10
0-60	24404.93	N.A.	98.80
0-80	24695.86	N.A.	100.00
0-90	24706.79	N.A.	100.00
10-90	23340.25	N.A.	94.50
20-40	14232.73	N.A.	57.60
20-50	17711.93	N.A.	71.70
40-70	4592.78	N.A.	18.60
60-80	290.93	N.A.	1.20
70-80	66.03	N.A.	0.30
80-90	10.93	N.A.	0.00
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	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	24706.8	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	1366.54
10-20	4437.78
20-30	7177.04
30-40	7055.68
40-50	3479.21
50-60	888.67
60-70	224.90
70-80	66.03
80-90	10.93
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

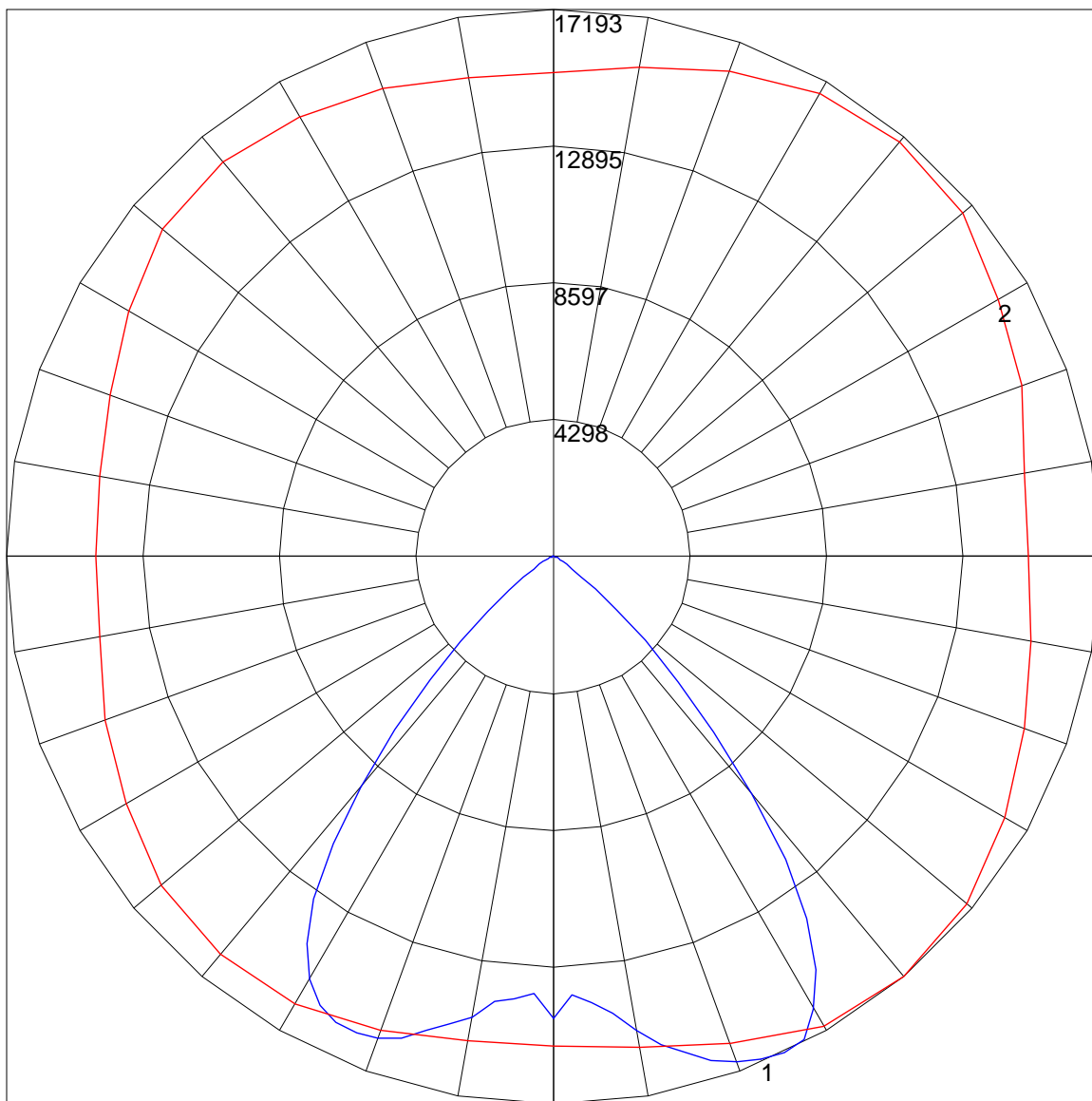
IES INDOOR REPORT  
 PHOTOMETRIC FILENAME : BL736LEDHTHOWBDWT40120-277V\_S.IES

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	113	110	107	104	110	107	105	103	103	101	99	100	98	96	96	95	94	92
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83
3	100	92	86	82	97	91	85	81	88	84	80	86	82	79	83	80	77	76
4	93	85	78	73	91	84	78	73	81	76	72	79	75	71	77	73	70	69
5	88	78	71	66	86	77	71	66	75	70	65	73	69	65	72	68	64	63
6	82	72	65	60	81	71	65	60	70	64	60	68	63	59	67	62	59	57
7	77	67	60	55	76	66	59	55	65	59	54	63	58	54	62	57	54	52
8	73	62	55	50	71	61	55	50	60	54	50	59	54	50	58	53	49	48
9	69	58	51	46	67	57	51	46	56	50	46	55	50	46	54	49	46	44
10	65	54	47	43	64	53	47	43	52	46	42	51	46	42	51	46	42	41

POLAR GRAPH



Maximum Candela = 17193.23 Located At Horizontal Angle = 310, Vertical Angle = 25  
# 1 - Vertical Plane Through Horizontal Angles (310 - 130) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (25) (Through Max. Cd.)