



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL736LEDHTHOWT35WBD120-277V\_S.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Photopia 2017.0.4 see: [www.ltioptics.com/ies](http://www.ltioptics.com/ies)

[ISSUEDATE]

[TESTDATE] Wed Feb 15 14:53:25 2017

[MANUFAC] BEGHELLI

[LUMINAIRE] BL736LEDHTHOWT35WBD120-277V

[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: 56.8

[OTHER] Input watts: 230

[OTHER] Distribution: Direct

[OTHER] Symmetry: None

[OTHER] Photometric Type: C

[OTHER] Luminous shape: Rectangle

[OTHER] Luminous dimensions (feet)

[OTHER] 0 - 180 Axis: 1.4

[OTHER] 90 - 270 Axis: 1.4

[OTHER] Height: 0.4

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	23028
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	230
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.14
Spacing Criterion (90-270)	1.18
Spacing Criterion (Diagonal)	1.16
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 : BL736LEDHTHOWT35WBD120-277V\_S.IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	18886	26211	20082
55	6063	7672	6326
65	2329	2505	2344
75	1121	1034	1153
85	453	322	427

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**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>	15140.79	15140.79	15140.79	15140.79	15140.79	15140.79	15140.79	15140.79	15140.79	15140.79
<b>2.5</b>	14557.60	14835.79	14824.44	14563.05	14757.22	14848.09	14524.42	14609.04	14806.20	14584.99
<b>5.0</b>	14667.11	14646.35	14676.10	14586.14	14691.59	14595.06	14620.19	14451.62	14375.49	14471.25
<b>7.5</b>	14924.74	14734.53	14823.78	14830.66	14774.07	14786.64	14692.64	14683.14	14542.87	14630.01
<b>10.0</b>	15093.71	15031.89	15112.77	14902.56	15015.41	15029.36	14856.68	14877.50	14753.93	14784.56
<b>12.5</b>	15234.71	15328.72	15375.27	15331.23	15375.64	15215.02	15301.01	14992.19	14953.14	14910.51
<b>15.0</b>	15344.77	15362.44	15518.01	15476.45	15703.51	15514.03	15437.83	15206.40	15050.37	15144.46
<b>17.5</b>	15483.92	15420.44	15564.36	15674.49	15862.61	15796.06	15613.47	15435.19	15243.25	15063.09
<b>20.0</b>	15277.97	15216.24	15401.96	15763.35	15888.43	15857.67	15719.30	15430.30	15178.70	14931.41
<b>22.5</b>	14650.93	14678.80	15113.56	15436.01	15784.33	15921.20	15642.49	15280.59	14935.15	14754.41
<b>25.0</b>	13748.90	13887.88	14260.78	14919.12	15434.60	15595.44	15407.97	14885.09	14404.38	14095.04
<b>27.5</b>	12620.43	12796.48	13358.80	14099.14	14679.62	14928.39	14729.75	14118.35	13542.26	13245.87
<b>30.0</b>	11299.45	11497.01	12064.47	13020.07	13761.53	14043.81	13685.62	13094.89	12379.05	12038.77
<b>32.5</b>	9772.16	9996.95	10727.60	11672.56	12537.49	12873.16	12452.23	11742.00	10953.58	10630.04
<b>35.0</b>	8247.29	8473.48	9206.91	10194.79	10946.15	11385.72	11033.71	10131.33	9417.64	9021.41
<b>37.5</b>	6760.35	6977.25	7621.69	8558.42	9379.30	9707.56	9313.40	8473.44	7735.54	7412.01
<b>40.0</b>	5338.23	5523.28	6133.32	6943.90	7697.46	7894.16	7561.08	6783.64	6143.69	5842.95
<b>42.5</b>	4066.74	4225.50	4718.11	5451.49	6019.44	6196.24	5813.89	5201.79	4684.01	4413.92
<b>45.0</b>	3044.86	3162.34	3568.78	4134.83	4564.68	4687.63	4392.32	3889.28	3431.89	3250.65
<b>47.5</b>	2231.92	2345.93	2640.88	3071.97	3404.36	3419.86	3195.61	2818.73	2527.93	2365.54
<b>50.0</b>	1605.75	1709.43	1937.03	2218.87	2449.79	2478.11	2307.15	2050.88	1813.20	1714.33
<b>52.5</b>	1183.71	1247.94	1378.40	1591.80	1759.12	1755.68	1649.21	1443.39	1301.08	1253.19
<b>55.0</b>	868.27	905.11	994.47	1154.05	1224.33	1244.53	1167.66	1054.55	936.22	910.59
<b>57.5</b>	639.81	671.19	745.59	822.90	878.72	882.35	845.26	771.73	703.48	663.87
<b>60.0</b>	489.25	513.60	528.64	605.14	642.97	636.03	613.29	563.40	523.52	497.04
<b>62.5</b>	368.19	379.48	406.36	452.86	467.29	464.62	459.91	422.76	391.16	380.01
<b>65.0</b>	281.40	290.97	316.15	331.55	353.33	350.25	334.47	325.02	306.76	285.12
<b>67.5</b>	220.71	219.80	239.35	256.65	259.97	263.78	255.55	246.68	233.35	227.30
<b>70.0</b>	169.21	176.84	181.37	195.52	200.05	203.05	195.26	186.50	176.64	173.16
<b>72.5</b>	137.42	140.06	142.24	145.39	154.47	156.90	149.43	148.94	142.63	139.23
<b>75.0</b>	106.28	106.20	111.66	117.64	119.86	119.22	115.80	120.39	112.13	110.31
<b>77.5</b>	84.41	84.55	87.96	90.47	89.51	89.85	91.10	89.57	86.68	85.75
<b>80.0</b>	66.21	67.18	63.96	69.50	68.74	69.62	70.71	70.85	69.33	69.60
<b>82.5</b>	46.76	50.58	48.78	49.23	49.54	52.17	48.74	49.54	53.07	49.62
<b>85.0</b>	29.86	28.42	28.19	29.21	28.07	28.27	26.68	29.04	30.32	28.49
<b>87.5</b>	7.30	6.89	6.17	6.61	6.77	6.46	6.46	5.88	6.90	5.35
<b>90.0</b>	0.00	0.16	0.03	0.00	0.05	0.04	0.01	0.00	0.00	0.00
<b>92.5</b>	0.10	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>95.0</b>	0.06	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>97.5</b>	0.00	0.00	0.00	0.03	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

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**CANDELA TABULATION - (Cont.)**

135.0	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.01	0.01	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	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.5	0.06	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	15140.79	15140.79	15140.79	15140.79	15140.79	15140.79	15140.79	15140.79	15140.79	15140.79
2.5	14590.60	14572.80	14820.87	14558.11	14477.07	14543.22	14550.60	14476.08	14596.16	14345.74
5.0	14356.53	14521.28	14492.80	14490.57	14336.53	14417.18	14466.92	14401.26	14363.68	14425.51
7.5	14634.66	14405.46	14518.34	14475.89	14492.76	14409.84	14471.58	14579.83	14501.47	14404.22
10.0	14809.19	14668.15	14717.15	14624.56	14728.12	14677.72	14713.59	14621.36	14710.72	14628.24
12.5	14793.50	14790.30	14866.95	14903.11	14902.87	14847.48	14717.43	14734.43	14712.60	14695.66
15.0	14955.12	15015.27	15078.35	15077.55	15072.97	14983.53	14928.71	14871.08	14775.12	14871.36
17.5	15051.63	15070.23	15188.71	15322.48	15205.47	14990.27	14770.91	14749.64	14712.74	14770.16
20.0	15002.80	15181.77	15310.09	15323.15	15261.57	15036.62	14795.93	14646.68	14595.80	14583.06
22.5	14744.53	14811.01	15118.08	15160.95	15041.25	14729.90	14356.33	14153.15	13976.25	14110.82
25.0	14157.09	14442.19	14749.86	14858.24	14745.47	14287.30	13723.22	13410.23	13269.33	13405.62
27.5	13333.76	13645.88	14163.10	14302.92	14066.41	13518.72	12946.98	12455.68	12294.61	12467.22
30.0	12126.00	12592.61	13145.15	13449.01	13264.87	12616.72	11847.98	11214.38	11151.60	11316.83
32.5	10736.38	11244.36	11927.54	12322.61	12041.34	11467.33	10589.18	10012.65	9800.11	10104.16
35.0	9204.46	9771.21	10454.32	10922.94	10744.49	10099.60	9255.17	8634.21	8451.47	8709.51
37.5	7586.23	8100.17	8879.25	9329.76	9256.32	8636.97	7815.38	7215.53	6978.23	7196.43
40.0	5925.14	6484.67	7180.21	7650.14	7614.30	7092.62	6360.48	5797.33	5617.39	5829.31
42.5	4532.11	5009.95	5603.13	6038.76	6062.27	5644.05	4988.39	4493.93	4336.27	4535.47
45.0	3367.33	3721.34	4217.36	4627.42	4659.95	4331.74	3809.90	3397.37	3269.10	3434.35
47.5	2476.73	2737.62	3124.08	3427.54	3480.43	3221.41	2850.28	2504.24	2427.73	2541.86
50.0	1788.90	1985.05	2267.32	2484.53	2531.30	2343.50	2084.49	1859.86	1799.56	1878.37
52.5	1269.46	1380.64	1606.74	1770.77	1804.87	1701.05	1515.27	1347.43	1296.03	1353.28
55.0	945.11	1021.06	1141.96	1251.07	1270.60	1213.24	1093.15	979.53	930.24	962.46
57.5	683.87	743.08	834.27	893.95	909.35	862.93	779.82	712.97	693.89	726.11
60.0	508.29	545.44	601.39	640.47	658.22	627.28	580.93	535.44	518.63	540.29
62.5	382.15	417.49	450.31	480.48	483.34	471.95	433.64	405.33	392.99	403.87
65.0	299.66	313.53	329.57	348.59	363.95	349.14	322.76	311.95	297.05	303.51
67.5	228.31	239.51	253.82	267.67	272.11	258.04	245.01	239.52	239.25	233.58
70.0	177.85	184.11	197.66	199.55	205.80	198.99	191.04	180.92	178.88	185.10
72.5	139.10	144.44	155.57	150.87	159.39	153.47	146.17	144.02	140.96	145.28
75.0	114.07	116.61	116.28	125.02	122.13	120.52	117.13	110.45	105.71	112.53
77.5	86.08	86.42	92.87	90.86	93.29	91.47	90.82	87.75	88.11	88.69
80.0	68.78	68.74	69.18	68.85	70.06	70.20	71.04	68.19	67.16	65.79

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**CANDELA TABULATION - (Cont.)**

82.5	50.67	53.32	49.87	48.97	50.30	50.67	48.00	49.56	47.98	50.51
85.0	30.85	28.74	28.65	26.60	24.47	29.16	30.06	27.84	30.52	31.93
87.5	6.48	6.05	6.23	6.72	6.19	7.18	5.71	6.14	6.99	6.19
90.0	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.05	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	0.07	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	0.01	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	15140.79	15140.79	15140.79	15140.79	15140.79	15140.79	15140.79	15140.79	15140.79	15140.79
2.5	14620.59	14457.17	14840.03	14794.11	14509.82	14757.92	14460.60	14586.74	14579.93	14839.96
5.0	14384.26	14527.88	14243.10	14470.83	14369.58	14478.08	14407.25	14603.42	14470.22	14526.56
7.5	14507.99	14584.37	14602.03	14415.46	14534.16	14453.79	14608.67	14689.31	14502.14	14665.23
10.0	14719.16	14628.81	14702.74	14775.40	14649.55	14771.58	14780.61	14730.68	14849.29	14858.96
12.5	14666.02	14798.29	14822.65	14972.04	14815.88	14820.69	14976.15	14991.72	14986.83	15118.03
15.0	14872.58	15057.51	15148.11	15191.50	15203.31	15054.03	14951.86	15050.15	15274.55	15434.00
17.5	14977.18	15150.26	15245.81	15365.01	15264.53	15208.52	15067.63	15136.07	15255.69	15593.75
20.0	14778.90	15129.06	15259.55	15405.70	15393.06	15129.06	15052.39	15149.51	15235.66	15735.35
22.5	14455.89	14847.61	15105.40	15257.88	15323.97	15027.13	14798.08	14836.07	15074.19	15457.25
25.0	13803.86	14333.05	14848.83	14997.62	14864.73	14517.17	14188.88	14096.05	14467.66	14982.46
27.5	13012.37	13633.08	14232.56	14382.29	14167.62	13803.57	13372.41	13265.83	13598.26	14134.81

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL736LEDHTHOWT35WBD120-277V\_S.IES**

**CANDELA TABULATION - (Cont.)**

30.0	11925.51	12617.32	13339.82	13511.48	13201.86	12609.22	12148.34	12053.95	12383.24	13102.75
32.5	10674.22	11533.24	12247.57	12407.95	11998.31	11208.96	10744.01	10618.18	10940.86	11782.87
35.0	9284.03	10244.07	10879.32	10968.34	10434.67	9755.00	9146.83	8989.26	9346.35	10140.36
37.5	7858.30	8698.46	9327.20	9399.80	8785.76	8098.35	7493.16	7412.75	7661.79	8440.39
40.0	6395.72	7177.02	7644.19	7689.89	7125.66	6487.12	5953.06	5777.63	6070.18	6689.05
42.5	5023.74	5652.37	6105.40	6058.39	5587.62	4949.64	4460.01	4367.89	4589.77	5121.78
45.0	3837.95	4365.38	4686.20	4600.31	4165.05	3649.83	3309.97	3196.80	3401.47	3815.82
47.5	2869.05	3271.40	3482.90	3412.77	3095.21	2704.16	2421.40	2325.67	2485.19	2806.01
50.0	2086.67	2388.45	2534.34	2467.13	2223.86	1938.65	1745.06	1701.99	1784.10	2016.96
52.5	1510.34	1719.11	1819.33	1748.49	1585.34	1404.53	1241.97	1207.02	1280.56	1433.44
55.0	1099.75	1220.57	1276.34	1237.93	1139.71	1013.01	929.89	896.22	926.97	1036.28
57.5	780.04	870.97	902.73	889.12	825.75	743.23	673.67	664.90	684.58	757.78
60.0	577.19	627.59	656.85	636.42	601.82	553.28	514.47	496.00	517.41	568.32
62.5	441.15	475.53	476.56	466.29	443.74	404.84	382.46	376.92	378.92	419.22
65.0	329.01	346.80	358.45	354.09	332.42	310.49	293.66	290.41	302.11	319.49
67.5	246.88	262.64	273.17	267.46	253.34	243.37	224.25	218.95	227.42	243.39
70.0	183.66	198.37	203.37	203.00	195.75	187.92	176.67	172.94	180.33	183.18
72.5	145.20	153.14	158.02	158.40	150.52	138.96	140.02	135.50	138.90	144.30
75.0	114.52	118.10	122.50	117.15	118.09	117.35	108.19	113.18	110.89	118.36
77.5	90.71	88.93	89.42	90.06	91.23	89.54	83.26	85.46	90.82	88.59
80.0	67.96	67.40	71.66	68.64	68.42	69.74	67.71	67.32	66.79	68.84
82.5	50.94	50.62	51.18	49.37	52.81	49.81	48.12	49.70	51.40	51.39
85.0	28.05	28.83	28.50	28.44	29.05	25.85	27.64	31.51	28.08	29.10
87.5	6.27	6.45	6.01	6.59	6.67	6.49	6.65	6.77	6.97	6.68
90.0	0.08	0.02	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00
92.5	0.00	0.04	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	0.01	0.00	0.00	0.00	0.00	0.00	0.05
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	0.01	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	0.03
165.0	0.00	0.00	0.00	0.00	0.00	0.01	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 : BL736LEDHTHOWT35WBD120-277V\_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>300</b>	<b>310</b>	<b>320</b>	<b>330</b>	<b>340</b>	<b>350</b>	<b>360</b>
<b>0.0</b>	15140.79	15140.79	15140.79	15140.79	15140.79	15140.79	15140.79
<b>2.5</b>	14768.47	14741.29	14762.41	14725.25	14882.59	14577.75	14557.60
<b>5.0</b>	14582.46	14504.35	14671.43	14746.67	14591.66	14791.74	14667.46
<b>7.5</b>	14878.62	14884.95	14910.79	14774.90	14873.98	14974.56	14924.74
<b>10.0</b>	14960.80	15060.59	14941.45	15157.64	15232.71	14984.75	15093.93
<b>12.5</b>	15379.88	15376.91	15502.28	15274.24	15331.43	15367.05	15234.71
<b>15.0</b>	15515.87	15676.89	15736.08	15589.15	15442.70	15457.35	15344.77
<b>17.5</b>	15790.74	16035.87	15902.16	15731.75	15664.34	15540.38	15484.01
<b>20.0</b>	16009.83	16065.00	16012.67	15707.21	15561.03	15346.82	15278.11
<b>22.5</b>	15820.34	16171.10	15975.03	15537.08	15180.29	14740.12	14651.16
<b>25.0</b>	15502.23	15786.00	15579.64	15046.53	14429.06	13974.77	13748.90
<b>27.5</b>	14883.70	15143.30	14870.03	14188.31	13468.79	12885.84	12620.43
<b>30.0</b>	13783.79	14194.00	13835.70	13020.57	12173.44	11522.15	11299.45
<b>32.5</b>	12630.82	12961.50	12656.34	11821.93	10739.60	10034.13	9772.16
<b>35.0</b>	10970.63	11432.50	11173.21	10325.11	9217.69	8511.53	8247.31
<b>37.5</b>	9319.59	9698.53	9471.24	8649.64	7704.45	6982.90	6760.35
<b>40.0</b>	7518.61	7869.03	7694.25	7008.54	6148.51	5552.31	5338.27
<b>42.5</b>	5774.25	6195.00	6050.12	5465.94	4780.21	4229.60	4066.78
<b>45.0</b>	4372.07	4662.24	4615.40	4163.50	3588.37	3180.67	3044.86
<b>47.5</b>	3173.15	3427.23	3363.53	3079.67	2666.53	2338.30	2231.92
<b>50.0</b>	2268.55	2466.91	2454.98	2243.51	1917.25	1708.09	1605.75
<b>52.5</b>	1621.94	1740.72	1747.22	1619.65	1399.21	1248.29	1183.71
<b>55.0</b>	1168.70	1227.65	1234.46	1147.03	1006.18	908.70	868.27
<b>57.5</b>	835.50	876.48	871.09	815.25	742.76	680.63	639.81
<b>60.0</b>	604.85	628.01	634.41	599.74	549.18	495.10	489.26
<b>62.5</b>	446.38	470.03	480.69	451.16	404.13	383.02	368.19
<b>65.0</b>	336.81	349.90	350.43	327.36	311.61	288.34	281.40
<b>67.5</b>	254.85	262.01	263.80	249.67	234.49	225.13	220.71
<b>70.0</b>	199.91	204.63	196.58	191.64	183.91	172.44	169.29
<b>72.5</b>	147.45	153.82	155.81	149.14	143.83	143.50	137.44
<b>75.0</b>	117.47	116.77	121.15	117.38	109.17	108.87	106.28
<b>77.5</b>	89.60	91.08	91.30	88.75	88.64	85.53	84.41
<b>80.0</b>	71.66	70.34	68.72	72.01	66.52	68.32	66.31
<b>82.5</b>	49.38	52.59	51.07	51.19	47.87	48.01	46.76
<b>85.0</b>	28.69	25.90	28.92	26.31	28.54	30.17	29.91
<b>87.5</b>	6.12	5.76	6.64	6.97	6.83	6.53	7.30
<b>90.0</b>	0.00	0.00	0.05	0.05	0.09	0.06	0.00
<b>92.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.10
<b>95.0</b>	0.00	0.00	0.00	0.00	0.04	0.01	0.06
<b>97.5</b>	0.00	0.00	0.00	0.01	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 : BL736LEDHTHOWT35WBD120-277V\_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	0.01	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	0.03	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.17	0.00	0.00	0.00	0.06
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 : BL736LEDHTHOWT35WBD120-277V\_S.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	5706.93	N.A.	24.80
0-30	12301.05	N.A.	53.40
0-40	18375.16	N.A.	79.80
0-60	22529.81	N.A.	97.80
0-80	22995.72	N.A.	99.90
0-90	23028.23	N.A.	100.00
10-90	21627.96	N.A.	93.90
20-40	12668.22	N.A.	55.00
20-50	15784.64	N.A.	68.50
40-70	4494.11	N.A.	19.50
60-80	465.91	N.A.	2.00
70-80	126.45	N.A.	0.50
80-90	32.51	N.A.	0.10
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	23028.23	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	1400.27
10-20	4306.67
20-30	6594.11
30-40	6074.12
40-50	3116.41
50-60	1038.24
60-70	339.46
70-80	126.45
80-90	32.51
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

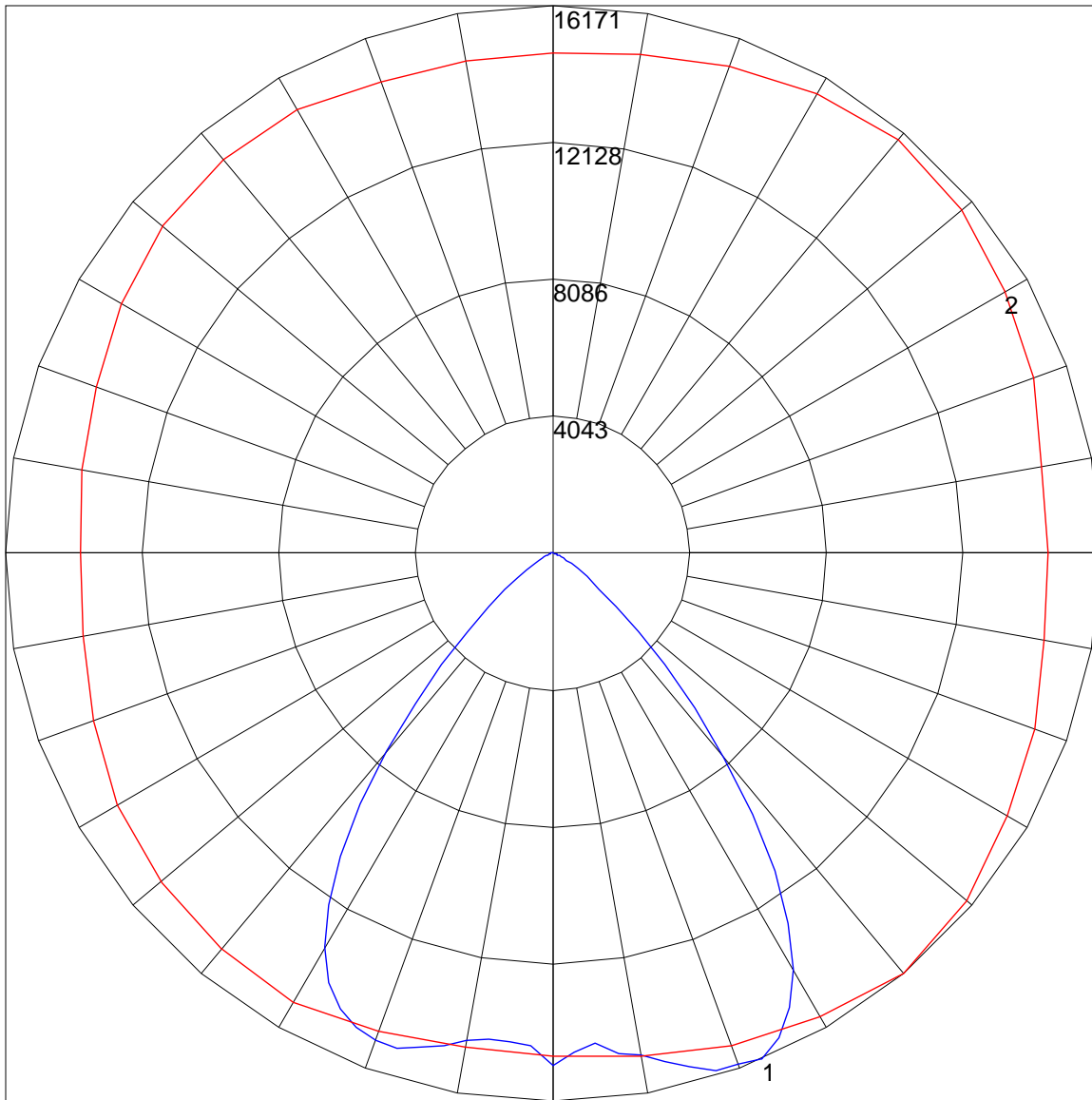
IES INDOOR REPORT  
 PHOTOMETRIC FILENAME : BL736LEDHTHOWT35WBD120-277V\_S.IES

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	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	92
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68
5	87	78	71	66	86	77	70	66	75	69	65	73	68	65	72	67	64	62
6	82	72	65	60	81	71	65	60	69	64	59	68	63	59	67	62	58	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	47	43	52	46	42	51	46	42	41

POLAR GRAPH



Maximum Candela = 16171.1 Located At Horizontal Angle = 310, Vertical Angle = 22.5  
# 1 - Vertical Plane Through Horizontal Angles (310 - 130) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (22.5) (Through Max. Cd.)