



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL736LEDHTHOMBDWT50120-277V\_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] Fri May 12 15:59:29 2017

[MANUFAC] BEGHELLI

[LUMINAIRE] BL736LEDHTHOMBDWT50120-277V

[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: 64.3

[OTHER] Input watts: 229.4

[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	26080
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	113
Total Luminaire Watts	230
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.66
Spacing Criterion (90-270)	0.58
Spacing Criterion (Diagonal)	0.64
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 : BL736LEDHTHOMBDWT50120-277V\_S.IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6123	5953	5920
55	2268	2064	2256
65	1225	1026	1215
75	778	607	793
85	383	269	348

**IES INDOOR REPORT**  
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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>	55350.17	55350.17	55350.17	55350.17	55350.17	55350.17	55350.17	55350.17	55350.17	55350.17
<b>2.5</b>	53117.43	53143.91	53015.98	53070.89	53253.58	53175.21	52842.79	52781.14	52995.38	52784.87
<b>5.0</b>	51654.68	51345.20	51745.21	51133.96	50915.21	50395.57	50328.53	49878.13	49974.25	49855.92
<b>7.5</b>	49729.76	49441.88	49330.35	48861.74	48415.56	47821.07	47345.36	46954.52	46849.09	46741.79
<b>10.0</b>	46901.55	46721.33	46207.68	45687.59	44920.61	44504.11	43565.50	43084.41	42630.05	42644.44
<b>12.5</b>	42949.68	42661.89	42144.41	41383.98	40447.56	39690.52	38847.56	38078.23	37790.42	37410.81
<b>15.0</b>	38564.05	38121.74	37578.56	36794.00	35773.86	34820.89	33797.47	33225.99	32725.67	32442.56
<b>17.5</b>	33391.00	33008.14	32369.59	31628.97	30648.66	29669.02	28680.17	28075.32	27553.59	27434.36
<b>20.0</b>	27853.19	27529.54	27066.42	26230.21	25315.93	24513.48	23788.78	23129.11	22663.84	22606.90
<b>22.5</b>	22457.10	22317.38	21786.74	21056.61	20339.73	19728.74	19218.01	18660.12	18391.06	18138.73
<b>25.0</b>	17420.38	17270.22	16987.35	16447.04	15964.66	15507.32	15038.29	14653.49	14379.51	14244.55
<b>27.5</b>	12948.39	12876.34	12685.93	12411.79	12236.39	11832.91	11587.73	11223.11	10969.40	10774.10
<b>30.0</b>	9254.84	9201.89	9152.15	9066.09	8956.07	8788.45	8522.24	8283.28	8081.31	7961.85
<b>32.5</b>	6449.17	6441.55	6506.74	6513.43	6503.40	6321.22	6134.38	5920.04	5798.05	5694.45
<b>35.0</b>	4376.71	4432.05	4429.33	4510.39	4573.43	4486.41	4335.36	4153.65	4043.99	3975.61
<b>37.5</b>	2970.81	2969.78	3048.61	3144.29	3176.31	3145.03	3032.95	2865.41	2791.08	2753.23
<b>40.0</b>	1994.44	2020.83	2086.11	2128.90	2187.36	2139.14	2063.47	1989.18	1918.25	1896.95
<b>42.5</b>	1369.74	1380.14	1424.63	1459.96	1504.12	1475.20	1427.65	1383.40	1336.52	1344.86
<b>45.0</b>	987.17	1004.69	999.17	1029.36	1062.94	1038.48	999.25	968.75	970.17	958.32
<b>47.5</b>	717.33	714.00	714.56	739.23	750.21	746.30	719.78	707.86	709.62	697.90
<b>50.0</b>	533.24	541.71	540.63	544.58	544.15	555.42	532.52	534.19	519.65	538.40
<b>52.5</b>	408.70	420.22	416.46	424.78	412.58	418.50	416.85	424.09	413.93	419.50
<b>55.0</b>	324.85	322.66	325.58	322.26	331.21	333.09	320.59	325.17	328.81	324.69
<b>57.5</b>	263.86	254.68	262.54	259.00	258.06	259.14	260.19	265.22	262.53	262.68
<b>60.0</b>	219.81	209.69	210.36	204.25	209.12	212.10	207.50	216.20	214.79	211.98
<b>62.5</b>	172.59	176.43	169.82	166.72	171.34	176.16	176.58	168.29	168.75	178.88
<b>65.0</b>	148.04	146.05	145.51	146.22	143.71	144.36	143.05	144.72	146.53	147.78
<b>67.5</b>	124.07	123.67	118.76	122.41	116.44	119.25	124.25	121.80	128.78	122.96
<b>70.0</b>	104.38	103.05	106.99	97.97	100.83	104.37	101.79	101.74	110.50	107.59
<b>72.5</b>	88.21	87.73	86.46	86.35	82.48	86.76	88.08	90.02	90.17	86.94
<b>75.0</b>	73.71	75.22	72.76	70.90	69.76	70.65	74.56	74.81	74.08	75.88
<b>77.5</b>	60.37	59.69	59.73	56.52	62.40	62.15	60.69	60.95	60.51	61.21
<b>80.0</b>	51.28	52.07	47.98	47.95	46.58	50.15	45.89	52.03	50.21	49.75
<b>82.5</b>	39.10	39.74	38.98	36.58	39.16	34.67	36.38	41.37	39.80	37.92
<b>85.0</b>	25.21	23.56	22.25	21.69	22.56	24.38	21.06	24.48	24.15	23.24
<b>87.5</b>	5.85	5.66	4.90	5.59	4.45	5.00	4.86	4.94	4.53	6.92
<b>90.0</b>	0.01	0.01	0.02	0.00	0.00	0.01	0.00	0.00	0.01	0.00
<b>92.5</b>	0.05	0.08	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
<b>95.0</b>	0.06	0.00	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
<b>97.5</b>	0.00	0.00	0.04	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	0.01	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	0.01	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	0.02	0.00	0.00
142.5	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.01	0.05	0.09	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.08	0.34	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00	0.06	0.09	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.01	0.04	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.00
162.5	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.01	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	0.15	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	55350.17	55350.17	55350.17	55350.17	55350.17	55350.17	55350.17	55350.17	55350.17	55350.17
2.5	53025.40	53299.18	52789.08	52787.80	53272.45	53336.17	53239.78	53378.95	53346.06	53095.56
5.0	50220.08	50048.60	50495.65	50551.78	50917.20	50885.56	51569.90	51472.69	51682.12	51693.11
7.5	46826.30	47078.38	47478.65	48368.29	48323.93	48982.43	49355.24	49204.67	49558.88	49954.07
10.0	42717.17	43140.58	43604.79	44122.16	44898.31	45664.63	46068.91	46912.39	46740.89	46580.07
12.5	37731.25	38232.51	38896.24	39784.14	40493.10	41648.86	42118.29	42662.25	43104.16	43017.98
15.0	32546.43	33044.82	33880.57	35018.07	35792.38	36696.74	37517.62	38183.24	38540.01	38476.47
17.5	27500.23	28059.30	28703.76	29636.45	30577.88	31592.97	32596.49	33129.95	33372.30	33407.50
20.0	22813.09	23207.36	23758.95	24531.92	25394.41	26325.98	27219.65	27769.35	28043.40	27991.23
22.5	18329.78	18617.43	19210.13	19885.85	20330.71	21331.63	21972.11	22418.30	22775.38	22587.38
25.0	14325.07	14731.27	15184.52	15475.16	16002.38	16633.43	17095.45	17459.42	17707.00	17682.53
27.5	10932.25	11188.61	11578.71	11827.69	12235.04	12537.40	12886.95	13016.72	13125.03	13084.82
30.0	8101.68	8252.84	8538.93	8831.27	9037.93	9251.01	9322.06	9323.11	9341.13	9435.46
32.5	5777.91	5991.46	6203.55	6413.87	6561.42	6572.83	6579.41	6538.16	6532.21	6606.52
35.0	4041.28	4168.67	4356.31	4555.18	4595.93	4604.19	4530.59	4445.60	4422.97	4471.47
37.5	2776.38	2906.97	3064.05	3188.18	3204.50	3183.97	3107.19	3008.47	3004.63	3052.52
40.0	1939.00	1994.00	2092.46	2182.76	2194.98	2158.74	2097.68	2038.63	2017.19	2060.93
42.5	1328.39	1376.75	1433.60	1503.11	1534.99	1473.84	1440.29	1416.05	1401.61	1400.22
45.0	958.58	977.63	1016.59	1032.88	1041.09	1018.22	1011.45	995.06	1002.17	1000.47
47.5	709.31	717.82	721.07	756.85	761.06	738.51	723.23	730.87	727.29	731.90
50.0	527.97	529.03	553.42	555.26	559.45	549.81	551.18	554.65	552.27	552.77
52.5	421.57	411.21	419.34	428.51	427.85	415.10	421.99	419.70	427.55	421.02
55.0	322.42	333.77	319.72	322.00	319.99	324.28	338.74	325.83	328.00	327.84
57.5	266.15	262.50	255.76	262.35	256.55	260.65	265.38	270.65	265.74	258.43
60.0	215.68	212.42	210.49	202.67	211.63	213.91	205.66	213.10	210.25	217.86
62.5	174.68	183.35	170.16	173.80	175.25	167.01	174.91	180.11	178.27	181.00
65.0	149.68	144.98	142.84	143.06	140.35	141.85	148.34	143.81	150.38	147.47
67.5	122.28	121.51	116.98	120.44	118.18	115.74	119.17	126.01	121.76	120.15
70.0	104.11	105.28	100.09	102.84	101.94	104.36	102.69	103.41	103.86	103.38
72.5	91.47	87.49	83.54	83.30	83.94	87.21	83.98	85.93	88.54	88.49
75.0	73.09	73.53	68.87	72.51	71.17	72.98	71.61	73.37	70.27	73.81
77.5	63.13	61.83	59.33	60.07	57.18	56.19	59.27	60.35	63.64	60.98
80.0	52.49	47.28	50.01	45.90	47.22	48.09	49.54	49.47	50.37	50.57

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**CANDELA TABULATION - (Cont.)**

82.5	38.43	36.79	36.18	36.46	35.59	39.52	36.37	40.18	41.40	38.67
85.0	22.16	24.23	20.96	23.35	22.77	22.43	22.28	22.94	24.75	24.49
87.5	5.05	4.96	3.94	5.58	5.67	4.63	4.85	5.94	6.18	5.05
90.0	0.00	0.00	0.00	0.00	0.00	0.03	0.01	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.01	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	0.01	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
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	0.01	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	0.01	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	0.01	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	55350.17	55350.17	55350.17	55350.17	55350.17	55350.17	55350.17	55350.17	55350.17	55350.17
2.5	53417.71	53122.38	53483.77	53334.20	52605.85	53204.66	53311.26	52809.91	52887.40	53018.88
5.0	51723.15	51795.78	51553.34	51129.74	51132.07	50909.21	50179.48	50665.84	50813.90	50984.14
7.5	49651.47	49328.53	48949.62	48595.22	48035.34	47615.46	47782.66	47449.07	47606.41	48059.04
10.0	46760.06	45940.35	45492.12	44939.05	44603.17	44020.89	43504.86	43558.32	43425.39	43941.31
12.5	42677.01	41998.94	41340.23	40487.26	39613.20	39157.26	38661.13	38428.88	38535.08	39224.74
15.0	38012.12	37284.35	36397.03	35319.19	34559.30	33728.47	33293.20	33158.52	33364.83	33873.31
17.5	33009.83	32199.50	31087.43	30254.22	29402.93	28646.53	28129.31	27906.60	28183.44	28658.33
20.0	27478.31	26694.65	25998.90	24987.25	24245.50	23481.21	23133.00	22802.62	22919.07	23444.36
22.5	22091.04	21553.44	20904.42	20102.62	19411.77	18910.56	18367.88	18291.02	18358.72	18801.30
25.0	17343.26	16897.87	16204.44	15720.04	15213.49	14717.78	14354.40	14190.80	14341.77	14643.62
27.5	12964.81	12779.20	12329.89	11989.74	11533.24	11151.10	10764.96	10649.48	10797.30	11108.75

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL736LEDHTHOMBDWT50120-277V\_S.IES**

**CANDELA TABULATION - (Cont.)**

30.0	9361.95	9329.78	9129.50	8788.84	8477.57	8150.22	7883.19	7736.74	7866.77	8109.97
32.5	6593.47	6609.52	6524.61	6363.29	6112.26	5819.86	5653.42	5502.25	5558.67	5834.33
35.0	4572.68	4626.86	4592.69	4501.77	4292.87	4105.23	3888.12	3885.40	3903.88	4047.18
37.5	3112.30	3226.64	3199.11	3124.15	2972.19	2805.26	2707.05	2655.27	2699.38	2801.04
40.0	2126.84	2165.81	2203.77	2144.29	2024.84	1958.00	1862.37	1831.10	1875.23	1943.83
42.5	1447.31	1481.21	1534.35	1453.14	1416.60	1366.37	1309.95	1310.69	1307.52	1344.05
45.0	1018.33	1037.95	1061.07	1040.07	1006.35	971.17	944.40	935.58	938.82	955.58
47.5	733.19	747.04	752.75	743.23	734.16	719.83	704.77	692.29	702.48	714.71
50.0	548.76	556.82	557.89	549.37	542.14	532.10	524.01	542.86	547.74	529.28
52.5	419.63	418.54	428.19	421.51	416.12	423.02	415.14	419.31	417.78	418.86
55.0	329.57	317.42	337.48	327.11	322.63	329.86	319.19	330.27	327.82	324.98
57.5	259.62	260.04	261.54	258.18	259.37	263.06	262.40	261.19	257.18	261.02
60.0	215.14	210.18	208.43	209.46	207.88	211.34	216.49	209.14	205.93	209.37
62.5	182.15	177.22	173.41	172.83	175.34	168.32	175.51	179.86	175.12	175.04
65.0	142.79	145.15	141.44	148.63	145.32	148.05	144.10	146.50	146.18	144.08
67.5	121.52	119.56	117.89	118.34	119.82	120.68	123.50	123.18	125.37	124.19
70.0	100.13	100.21	99.65	102.62	103.65	97.72	103.17	104.44	103.90	104.08
72.5	83.89	83.48	81.12	86.60	86.48	85.81	88.99	89.19	84.96	85.74
75.0	78.16	69.54	70.32	69.94	70.60	74.94	71.98	74.47	70.61	68.21
77.5	59.86	57.42	58.97	57.75	60.92	58.32	59.48	61.77	59.54	59.74
80.0	50.19	45.89	46.05	45.91	47.10	47.09	47.43	49.29	49.97	48.39
82.5	37.39	38.74	39.25	37.21	36.41	40.27	36.05	37.53	36.98	38.10
85.0	22.03	22.08	21.45	23.19	22.49	20.99	21.90	23.26	23.51	20.46
87.5	5.30	3.83	4.61	4.21	4.32	4.46	4.87	5.24	4.59	4.75
90.0	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00
92.5	0.00	0.00	0.00	0.00	0.01	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	0.01	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	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00	0.00
137.5	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.08	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	0.01	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	0.01	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	0.01	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 : BL736LEDHTHOMBDWT50120-277V\_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**

	<u><b>300</b></u>	<u><b>310</b></u>	<u><b>320</b></u>	<u><b>330</b></u>	<u><b>340</b></u>	<u><b>350</b></u>	<u><b>360</b></u>
<b>0.0</b>	55350.17	55350.17	55350.17	55350.17	55350.17	55350.17	55350.17
<b>2.5</b>	53160.68	53419.96	52752.42	53153.21	53931.88	53403.44	53117.43
<b>5.0</b>	50926.34	51411.75	51227.84	51097.41	51505.78	51800.15	51655.55
<b>7.5</b>	48202.13	48729.15	48975.22	49012.99	49490.54	49582.74	49730.32
<b>10.0</b>	44397.55	45006.10	45838.99	46313.43	46463.87	46937.23	46901.55
<b>12.5</b>	39584.06	40456.98	41417.06	42064.66	42467.22	42857.47	42949.78
<b>15.0</b>	34736.37	35297.54	36389.31	37479.83	37940.90	38362.44	38564.05
<b>17.5</b>	29330.95	30230.23	31103.44	32131.76	32884.06	33309.83	33391.00
<b>20.0</b>	24161.79	25045.18	25747.13	26706.16	27397.07	27788.49	27853.48
<b>22.5</b>	19369.38	20070.70	20785.65	21420.95	22032.19	22370.15	22457.10
<b>25.0</b>	15146.06	15667.43	16197.40	16726.88	17125.34	17423.66	17420.38
<b>27.5</b>	11481.77	11879.97	12237.47	12601.30	12870.82	12942.75	12948.45
<b>30.0</b>	8420.58	8721.55	9092.51	9220.79	9234.32	9208.68	9254.84
<b>32.5</b>	6081.61	6288.67	6467.42	6527.29	6490.39	6513.46	6449.17
<b>35.0</b>	4229.71	4452.65	4524.97	4534.23	4522.92	4436.06	4376.71
<b>37.5</b>	2949.55	3080.22	3160.18	3127.22	3081.19	2988.58	2970.86
<b>40.0</b>	2020.41	2109.23	2162.51	2152.27	2063.90	2009.20	1994.47
<b>42.5</b>	1421.10	1466.02	1495.37	1486.56	1421.75	1407.59	1369.80
<b>45.0</b>	992.34	1042.59	1051.38	1036.52	1034.30	991.99	987.17
<b>47.5</b>	722.75	747.15	735.25	742.52	741.80	704.93	717.33
<b>50.0</b>	543.27	552.65	546.01	544.93	541.17	540.63	533.26
<b>52.5</b>	409.57	423.42	420.93	417.67	414.31	415.33	408.72
<b>55.0</b>	331.94	327.94	331.37	328.32	326.29	328.89	324.87
<b>57.5</b>	266.08	262.53	258.63	253.38	256.91	253.20	263.86
<b>60.0</b>	206.45	208.09	205.37	204.28	206.31	208.47	219.81
<b>62.5</b>	166.61	175.81	168.59	167.76	170.95	175.69	172.73
<b>65.0</b>	139.47	147.38	141.98	140.92	139.20	142.60	148.06
<b>67.5</b>	118.82	118.12	122.15	119.61	122.07	121.84	124.07
<b>70.0</b>	103.91	98.72	97.03	97.70	105.08	105.01	104.38
<b>72.5</b>	86.19	84.09	80.84	82.82	85.00	88.52	88.31
<b>75.0</b>	69.54	74.65	73.16	72.90	69.63	73.93	73.71
<b>77.5</b>	61.25	58.70	59.79	56.60	60.11	56.49	60.49
<b>80.0</b>	45.98	45.93	48.24	43.76	47.18	49.74	51.28
<b>82.5</b>	35.53	36.59	37.22	36.21	36.62	38.24	39.10
<b>85.0</b>	22.18	22.55	22.65	24.02	24.62	23.62	25.26
<b>87.5</b>	4.76	5.06	5.29	5.60	4.98	6.34	5.85
<b>90.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.01
<b>92.5</b>	0.00	0.00	0.00	0.05	0.00	0.00	0.05
<b>95.0</b>	0.00	0.00	0.07	0.00	0.00	0.00	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	0.03
<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 : BL736LEDHTHOMBDWT50120-277V\_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	0.01	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.01	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	0.01	0.00
142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.02
145.0	0.00	0.00	0.00	0.00	0.01	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	0.04	0.13	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	0.07	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	0.01	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 : BL736LEDHTHOMBDWT50120-277V\_S.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	14446.91	N.A.	55.40
0-30	21773.29	N.A.	83.50
0-40	24677.54	N.A.	94.60
0-60	25830.63	N.A.	99.00
0-80	26055.49	N.A.	99.90
0-90	26079.97	N.A.	100.00
10-90	21391.21	N.A.	82.00
20-40	10230.63	N.A.	39.20
20-50	11076.21	N.A.	42.50
40-70	1300.43	N.A.	5.00
60-80	224.86	N.A.	0.90
70-80	77.52	N.A.	0.30
80-90	24.48	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	0.01	N.A.	0.00
0-180	26079.98	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	4688.76
10-20	9758.15
20-30	7326.37
30-40	2904.26
40-50	845.58
50-60	307.51
60-70	147.34
70-80	77.52
80-90	24.48
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

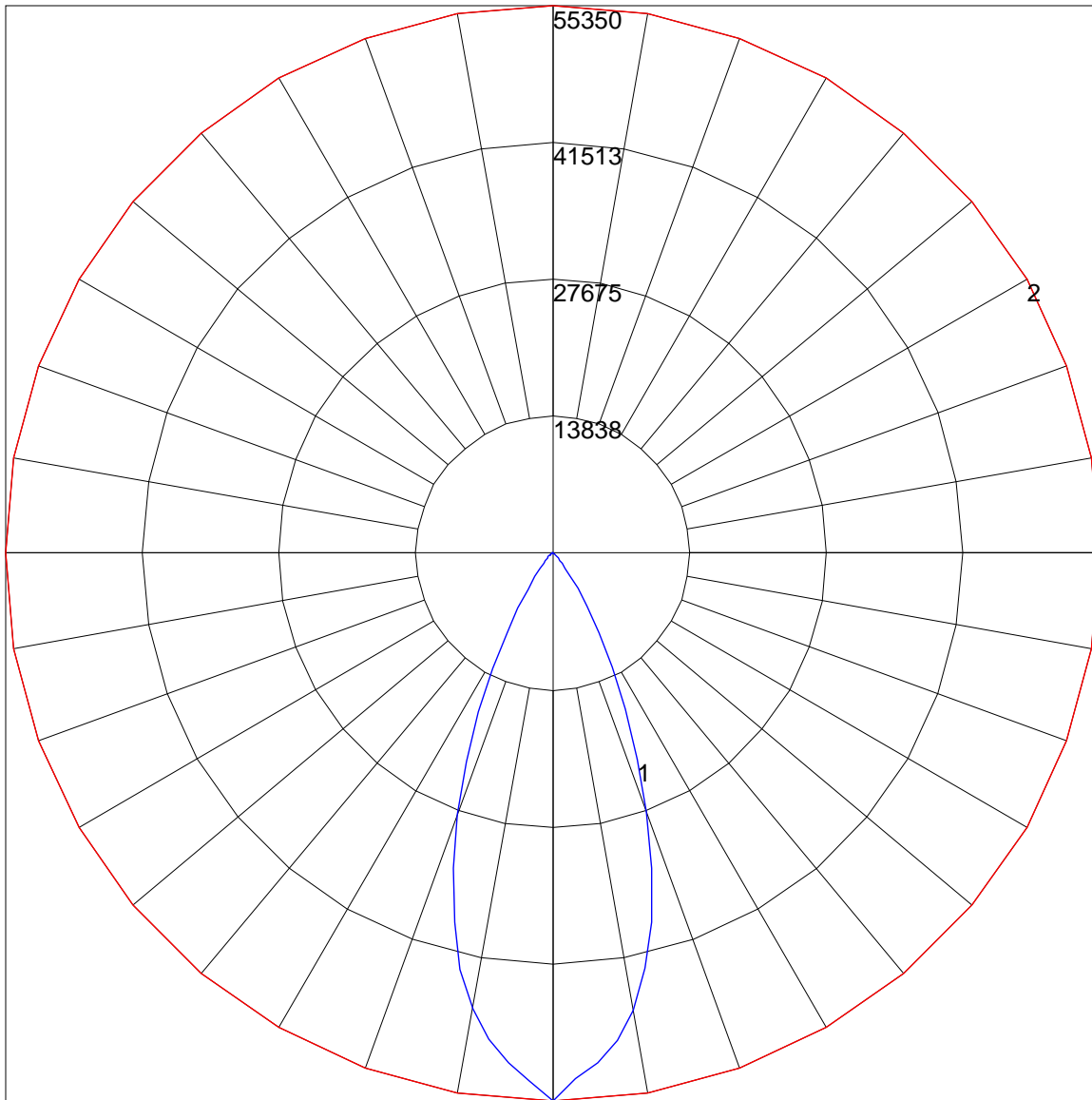
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL736LEDHTHOMBDWT50120-277V\_S.IES**

**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	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	83	81	80
5	96	88	83	79	94	87	83	79	86	82	78	84	80	78	83	79	77	76
6	92	84	79	75	90	83	78	75	82	77	74	80	77	74	79	76	73	72
7	88	80	75	71	87	79	74	71	78	74	70	77	73	70	76	72	70	68
8	85	76	71	67	83	76	71	67	75	70	67	74	70	67	73	69	66	65
9	81	73	68	64	80	72	67	64	71	67	64	71	67	64	70	66	63	62
10	78	70	65	61	77	69	64	61	69	64	61	68	64	61	67	63	61	60

POLAR GRAPH



Maximum Candela = 55350.17 Located At Horizontal Angle = 0, Vertical Angle = 0  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0)