



IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL736LEDHTHOMBDWT40120-277V_S.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

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

[ISSUEDATE]

[TESTDATE] Mon Sep 18 11:23:39 2017

[MANUFAC] BEGHELLI

[LUMINAIRE] BL736LEDHTHOMBDWT40120-277V

[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: 60.5

[OTHER] Input watts: 227.8

[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	24544
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)	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 : BL736LEDHTHOMBDWT40120-277V_S.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5619	5555	5550
55	2177	1895	2100
65	1120	963	1162
75	764	595	784
85	337	232	335

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOMBDWT40120-277V_S.IES

CANDELA TABULATION

	0	10	20	30	40	50	60	70	80	90
0.0	52014.95	52014.95	52014.95	52014.95	52014.95	52014.95	52014.95	52014.95	52014.95	52014.95
2.5	49849.61	50120.22	50027.89	49712.26	50232.59	49568.65	49515.39	50105.70	49936.59	49788.06
5.0	48868.30	48572.24	48399.67	48204.59	47977.57	47913.94	47527.89	46858.25	46767.95	46738.52
7.5	46854.68	46548.40	46269.15	45742.41	45356.06	45143.16	44748.04	44505.18	44115.80	44044.74
10.0	44278.94	43876.73	43603.82	42930.85	42542.88	41456.41	40940.50	40597.13	40335.39	40033.37
12.5	40492.62	40262.18	39722.54	39166.62	38124.23	37301.32	36498.30	36018.17	35702.52	35437.06
15.0	36170.73	35937.48	35417.07	34586.21	33574.27	32723.16	31842.89	31404.37	30748.55	30559.38
17.5	31398.48	30984.88	30497.31	29739.14	28782.96	27901.19	27073.72	26415.02	25963.54	25889.27
20.0	26172.35	25882.85	25396.73	24638.02	23948.87	23105.03	22382.77	21768.95	21380.70	21157.24
22.5	21190.75	20896.79	20493.86	19883.67	19213.83	18671.84	18078.67	17577.38	17249.90	17163.80
25.0	16345.09	16247.93	15957.40	15439.30	14948.12	14684.34	14238.03	13867.30	13554.32	13429.32
27.5	12154.23	12094.01	11918.27	11656.63	11394.73	11147.22	10801.61	10603.53	10292.42	10166.23
30.0	8690.22	8675.33	8672.60	8574.84	8420.83	8327.46	8077.33	7782.78	7563.48	7503.46
32.5	6035.59	6096.86	6097.10	6065.06	6093.87	5992.26	5794.49	5600.32	5455.12	5337.33
35.0	4117.83	4156.10	4216.96	4284.16	4326.94	4231.01	4077.19	3947.12	3799.06	3784.16
37.5	2780.02	2804.72	2875.85	2925.98	2990.64	2958.72	2840.81	2725.17	2630.12	2575.37
40.0	1878.67	1901.51	1951.68	2020.16	2068.54	2009.99	1940.25	1874.73	1802.80	1776.17
42.5	1301.13	1295.95	1347.50	1381.36	1419.99	1409.48	1352.78	1292.80	1268.08	1251.89
45.0	905.91	922.55	945.22	946.58	978.19	982.73	952.40	909.78	906.53	898.36
47.5	674.20	675.13	678.26	703.28	704.87	709.84	681.87	677.53	656.49	654.20
50.0	508.67	510.01	501.01	506.51	520.99	519.31	509.96	520.91	499.13	498.55
52.5	392.61	383.60	379.78	397.89	395.94	389.35	396.06	390.19	391.96	388.22
55.0	311.81	309.02	308.78	305.67	305.76	304.15	304.00	300.61	312.35	302.35
57.5	248.31	246.73	241.20	240.25	243.77	245.99	248.86	242.41	246.72	247.52
60.0	195.62	195.27	198.88	196.60	199.93	195.86	203.04	200.74	201.80	198.81
62.5	163.00	162.32	163.79	159.86	158.37	160.48	167.93	160.93	171.95	164.64
65.0	135.32	134.05	136.94	135.30	134.85	135.64	136.19	136.00	142.06	141.40
67.5	119.51	118.76	116.08	115.67	113.95	109.55	113.02	116.28	114.55	119.93
70.0	97.70	101.84	95.02	94.21	94.54	96.13	97.26	97.51	96.89	97.78
72.5	80.26	84.32	80.51	78.47	79.04	79.97	81.73	83.41	82.80	86.74
75.0	72.40	66.48	67.44	67.18	71.12	66.54	63.69	68.74	67.44	75.01
77.5	55.65	56.42	58.95	55.79	55.22	56.19	55.54	59.30	57.07	55.72
80.0	47.62	49.91	47.46	46.35	46.07	45.20	45.42	50.30	52.19	48.78
82.5	37.28	37.89	33.91	35.17	35.84	34.33	36.01	37.66	35.42	37.11
85.0	22.17	21.37	22.86	21.15	19.80	20.74	21.76	23.76	22.08	22.37
87.5	5.37	5.25	5.52	5.70	6.32	4.65	5.51	5.77	6.01	5.62
90.0	0.00	0.02	0.01	0.01	0.05	0.01	0.01	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.01	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	0.02	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	0.01	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	0.01	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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOMBDWT40120-277V_S.IES

CANDELA TABULATION - (Cont.)

135.0	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00	0.00
140.0	0.02	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
142.5	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.00	0.00	0.01
147.5	0.00	0.00	0.00	0.00	0.01	0.07	0.12	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.03	0.11	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.02	0.02	0.12	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.02	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	0.05	0.02	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	0.11	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	52014.95	52014.95	52014.95	52014.95	52014.95	52014.95	52014.95	52014.95	52014.95	52014.95
2.5	50012.48	50033.59	49793.22	49892.91	50002.65	49784.28	49605.88	50426.89	50017.85	50184.45
5.0	47130.08	47134.55	47336.32	47781.59	48035.83	47761.77	48173.58	48598.16	48456.67	48346.41
7.5	44087.47	44326.67	44821.59	45061.89	45646.22	45910.20	46461.00	46640.78	46855.77	46747.29
10.0	40260.02	40599.55	41044.76	41841.10	42446.22	42979.12	43711.83	44020.79	44215.51	44212.60
12.5	35786.50	35948.29	36625.23	37473.28	38293.11	38992.10	39811.98	40168.65	40477.55	40624.34
15.0	30823.46	31244.88	32081.78	32764.31	33580.53	34620.25	35336.72	35973.05	36177.11	36260.22
17.5	25989.42	26231.02	27055.82	27881.85	28850.04	29877.78	30528.26	31084.62	31595.68	31367.74
20.0	21420.69	21694.39	22305.68	23036.57	23994.84	24843.47	25653.58	26106.40	26478.40	26353.87
22.5	17201.25	17677.18	18122.81	18635.32	19355.45	20017.94	20705.54	21293.97	21355.44	21289.67
25.0	13575.22	13797.14	14182.29	14549.67	15116.40	15639.35	16125.67	16394.38	16605.97	16501.69
27.5	10345.28	10585.32	10906.25	11185.39	11526.38	11796.09	12081.24	12327.86	12298.98	12321.42
30.0	7585.82	7817.12	8063.34	8296.48	8543.60	8642.67	8756.90	8837.61	8806.08	8846.26
32.5	5426.21	5649.44	5815.73	6019.06	6180.93	6155.39	6172.81	6159.01	6123.85	6161.45
35.0	3771.22	3941.18	4084.52	4291.22	4347.29	4297.29	4262.19	4230.28	4166.49	4190.54
37.5	2637.58	2728.91	2850.62	2987.52	3035.32	2981.71	2912.11	2821.17	2817.03	2836.62
40.0	1812.72	1877.09	1986.82	2038.42	2076.41	2047.12	1958.88	1939.39	1906.59	1924.80
42.5	1259.23	1300.26	1352.67	1418.97	1410.58	1401.38	1342.22	1313.83	1323.31	1327.66
45.0	912.50	920.55	966.03	970.79	981.55	970.73	949.52	938.85	931.76	933.72
47.5	660.13	668.04	691.49	698.42	718.40	702.30	687.96	673.68	690.65	682.98
50.0	501.87	515.40	505.59	521.21	525.86	526.04	516.66	514.13	513.69	507.56
52.5	391.63	396.55	391.72	407.70	401.82	403.12	397.99	399.26	405.13	396.24
55.0	307.54	306.17	310.12	312.85	312.10	309.87	305.88	313.36	311.55	312.12
57.5	249.46	249.22	243.69	247.49	247.20	246.08	244.17	248.28	255.29	246.97
60.0	206.03	189.36	196.60	196.72	197.31	200.27	198.93	199.93	209.37	200.44
62.5	169.58	164.46	163.31	160.89	159.04	161.88	165.46	164.33	170.34	165.56
65.0	139.75	136.06	136.24	137.51	137.74	134.33	138.25	139.67	141.85	139.46
67.5	116.71	113.42	117.26	112.52	112.22	113.84	119.61	119.56	115.45	117.33
70.0	98.30	98.01	94.64	94.29	97.00	94.93	98.97	94.90	102.53	96.17
72.5	82.01	79.96	78.72	80.79	81.70	83.05	81.19	85.10	83.87	84.22
75.0	68.21	67.41	65.08	64.88	65.93	67.78	69.11	68.66	68.33	70.30
77.5	55.11	55.83	57.84	55.75	56.09	55.49	57.86	58.23	57.45	55.60
80.0	47.79	46.79	46.57	44.82	45.51	45.22	49.59	48.80	48.89	47.02

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOMBDWT40120-277V_S.IES

CANDELA TABULATION - (Cont.)

82.5	35.48	35.03	35.83	33.92	36.57	35.31	35.74	35.89	36.87	36.12
85.0	22.66	22.89	20.15	20.02	21.10	21.76	22.74	21.08	22.58	22.46
87.5	4.54	5.34	4.53	5.46	4.68	4.89	4.82	5.02	5.11	3.91
90.0	0.04	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.03	0.00	0.03
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	0.01	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	0.01	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	0.01
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	0.01	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	0.01	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	52014.95	52014.95	52014.95	52014.95	52014.95	52014.95	52014.95	52014.95	52014.95	52014.95
2.5	50218.00	50419.83	50034.15	49983.51	49819.84	49908.31	50063.27	49893.54	49772.21	50204.25
5.0	48303.69	48200.46	48238.80	47859.39	48200.54	47811.69	47661.55	47673.25	47601.34	47640.69
7.5	46564.95	46253.58	46211.59	45603.44	45341.71	44986.93	44819.17	44639.63	44714.34	45278.45
10.0	43828.56	43627.55	42847.13	42352.28	41959.22	41409.98	41101.39	40724.74	40941.32	41212.72
12.5	40145.75	39534.84	38841.22	38009.18	37393.98	36780.05	36299.34	36200.17	36244.19	36755.45
15.0	35815.81	35142.99	34314.80	33467.60	32542.65	31784.98	31338.75	31103.91	31518.83	31835.96
17.5	31028.96	30304.19	29433.03	28486.88	27675.05	26894.78	26397.15	26241.19	26285.33	26799.91
20.0	25757.56	25187.58	24330.70	23412.28	22761.64	22075.42	21702.82	21521.92	21600.25	22036.84
22.5	20902.80	20244.14	19649.05	18906.91	18238.61	17712.90	17355.33	17150.69	17337.81	17787.99
25.0	16339.33	15990.08	15365.82	14830.10	14340.49	13829.49	13444.02	13330.24	13456.53	13841.63
27.5	12250.20	12003.88	11637.40	11251.51	10876.74	10414.05	10181.81	10084.63	10133.78	10459.10

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOMBDWT40120-277V_S.IES

CANDELA TABULATION - (Cont.)

30.0	8827.30	8782.02	8544.65	8225.62	7952.94	7642.56	7398.90	7265.44	7387.35	7630.31
32.5	6247.68	6256.46	6187.18	6050.16	5734.30	5443.51	5252.08	5207.74	5271.88	5466.68
35.0	4298.38	4362.97	4377.49	4237.47	4008.61	3800.66	3674.63	3603.22	3632.37	3822.64
37.5	2933.09	2978.88	3008.13	2928.26	2770.77	2650.13	2540.65	2524.98	2535.16	2631.53
40.0	1979.11	2043.87	2048.47	2017.14	1944.64	1838.20	1791.23	1749.73	1775.23	1821.21
42.5	1361.74	1403.65	1422.66	1378.23	1326.14	1269.59	1241.91	1226.57	1234.89	1274.17
45.0	963.60	970.62	996.42	973.18	936.59	902.84	899.25	883.01	890.90	894.49
47.5	700.39	703.84	700.64	706.55	677.02	663.27	660.77	650.40	656.51	670.73
50.0	510.67	532.48	520.15	526.04	520.49	504.92	499.24	507.14	499.01	515.86
52.5	398.01	394.76	393.41	393.06	397.57	390.41	384.68	401.36	386.85	388.38
55.0	309.27	307.85	308.98	308.41	309.65	306.43	309.86	305.88	304.50	304.62
57.5	248.58	246.97	251.25	248.52	241.91	247.99	248.07	248.37	243.81	242.84
60.0	200.09	200.22	202.98	197.51	197.00	195.71	200.01	202.67	203.72	196.17
62.5	159.82	167.63	163.85	157.76	162.50	163.24	165.89	168.57	171.07	169.59
65.0	139.58	139.13	133.80	133.15	139.94	135.04	140.48	141.11	134.45	134.81
67.5	111.80	110.12	112.59	114.31	113.38	113.26	110.44	116.25	117.19	113.34
70.0	99.20	96.70	94.55	90.53	94.61	97.07	97.54	98.53	97.85	95.20
72.5	80.34	77.74	78.05	79.16	81.86	82.27	81.67	83.05	82.94	82.83
75.0	68.96	63.11	65.50	65.10	64.56	66.43	69.34	70.39	69.37	68.24
77.5	58.50	53.37	54.61	55.56	52.86	55.17	56.01	57.16	56.68	56.00
80.0	45.79	43.91	45.66	40.57	44.56	45.23	46.42	45.65	45.35	44.98
82.5	35.30	36.90	34.66	33.76	33.57	33.84	35.15	36.81	34.31	34.49
85.0	22.81	21.93	20.24	18.95	20.65	20.29	21.50	21.98	21.18	20.04
87.5	4.67	3.91	4.05	4.28	4.41	4.64	5.13	5.22	4.80	4.80
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06
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	0.01	0.05
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	0.01	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 : BL736LEDHTHOMBDWT40120-277V_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	52014.95	52014.95	52014.95	52014.95	52014.95	52014.95	52014.95
2.5	50154.72	50698.60	49953.93	50033.64	50106.11	50012.08	49849.61
5.0	48052.40	48258.68	48210.97	48444.06	48612.87	48684.25	48868.30
7.5	45255.70	45628.15	46144.21	46471.37	46453.78	46622.33	46854.68
10.0	41857.03	42090.52	42887.59	43532.84	43800.52	44279.98	44278.94
12.5	37488.28	38045.87	38965.99	39479.79	40150.72	40377.45	40492.62
15.0	32441.08	33238.80	34263.69	35067.20	35694.75	35989.85	36170.63
17.5	27474.29	28395.06	29319.83	30076.78	30742.44	31198.31	31398.48
20.0	22751.07	23523.94	24277.88	24908.04	25766.13	26137.80	26172.35
22.5	18175.12	18877.44	19482.07	20152.69	20758.23	21101.51	21190.66
25.0	14285.43	14660.99	15276.26	15679.38	16154.02	16340.39	16345.03
27.5	10825.20	11171.65	11547.73	11821.82	12065.77	12175.64	12154.17
30.0	7991.60	8211.30	8496.24	8687.38	8679.43	8733.49	8690.18
32.5	5715.17	5932.29	6107.20	6132.00	6150.07	6086.27	6035.55
35.0	4009.92	4206.71	4291.23	4300.63	4243.76	4139.22	4117.83
37.5	2753.07	2893.68	2975.66	2958.16	2890.56	2813.99	2779.95
40.0	1900.41	1986.11	2037.81	2005.06	1966.15	1899.50	1878.59
42.5	1328.40	1364.43	1399.56	1382.39	1354.88	1310.39	1301.13
45.0	935.32	972.35	981.33	967.28	936.28	932.09	905.91
47.5	686.37	699.39	700.66	706.89	672.94	672.68	674.13
50.0	514.85	519.29	524.83	514.30	519.19	509.90	508.67
52.5	390.49	392.54	395.50	396.03	389.83	395.03	392.61
55.0	306.95	311.78	312.09	300.53	304.94	304.96	311.74
57.5	251.25	241.28	240.90	243.68	241.88	244.93	248.27
60.0	191.54	194.60	195.41	197.84	196.95	196.85	195.62
62.5	156.75	159.48	157.31	163.05	168.49	168.05	162.95
65.0	135.68	130.00	132.96	132.69	138.25	137.71	135.32
67.5	111.20	111.13	111.47	112.84	115.08	119.06	119.49
70.0	94.30	95.02	96.38	94.21	98.32	101.10	97.63
72.5	80.66	78.87	78.68	79.18	81.52	82.60	80.26
75.0	65.25	66.48	61.64	65.76	66.23	67.67	72.40
77.5	52.52	52.66	57.76	55.61	52.76	54.88	55.62
80.0	46.26	44.86	43.67	44.09	47.42	46.95	47.62
82.5	36.80	33.45	34.03	36.69	37.32	34.59	37.28
85.0	18.42	19.79	21.67	21.97	23.54	21.19	22.17
87.5	4.51	4.67	5.12	5.35	5.54	6.07	5.37
90.0	0.00	0.00	0.01	0.07	0.01	0.05	0.00
92.5	0.00	0.00	0.00	0.06	0.01	0.00	0.00
95.0	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
100.0	0.00	0.00	0.00	0.00	0.00	0.04	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	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
 PHOTOMETRIC FILENAME : BL736LEDHTHOMBDWT40120-277V_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	0.01	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.01	0.00	0.00	0.00	0.00
137.5	0.01	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	0.02
142.5	0.00	0.00	0.00	0.00	0.01	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	0.01	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	0.10	0.07	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	0.11
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 : BL736LEDHTHOMBDWT40120-277V_S.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	13595.88	N.A.	55.40
0-30	20491.27	N.A.	83.50
0-40	23224.12	N.A.	94.60
0-60	24309.17	N.A.	99.00
0-80	24521.13	N.A.	99.90
0-90	24544.31	N.A.	100.00
10-90	20132.37	N.A.	82.00
20-40	9628.23	N.A.	39.20
20-50	10423.45	N.A.	42.50
40-70	1224.16	N.A.	5.00
60-80	211.96	N.A.	0.90
70-80	72.86	N.A.	0.30
80-90	23.18	N.A.	0.10
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	0.01	N.A.	0.00
90-180	0.01	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	24544.32	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	4411.94
10-20	9183.94
20-30	6895.38
30-40	2732.85
40-50	795.22
50-60	289.84
60-70	139.10
70-80	72.86
80-90	23.18
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

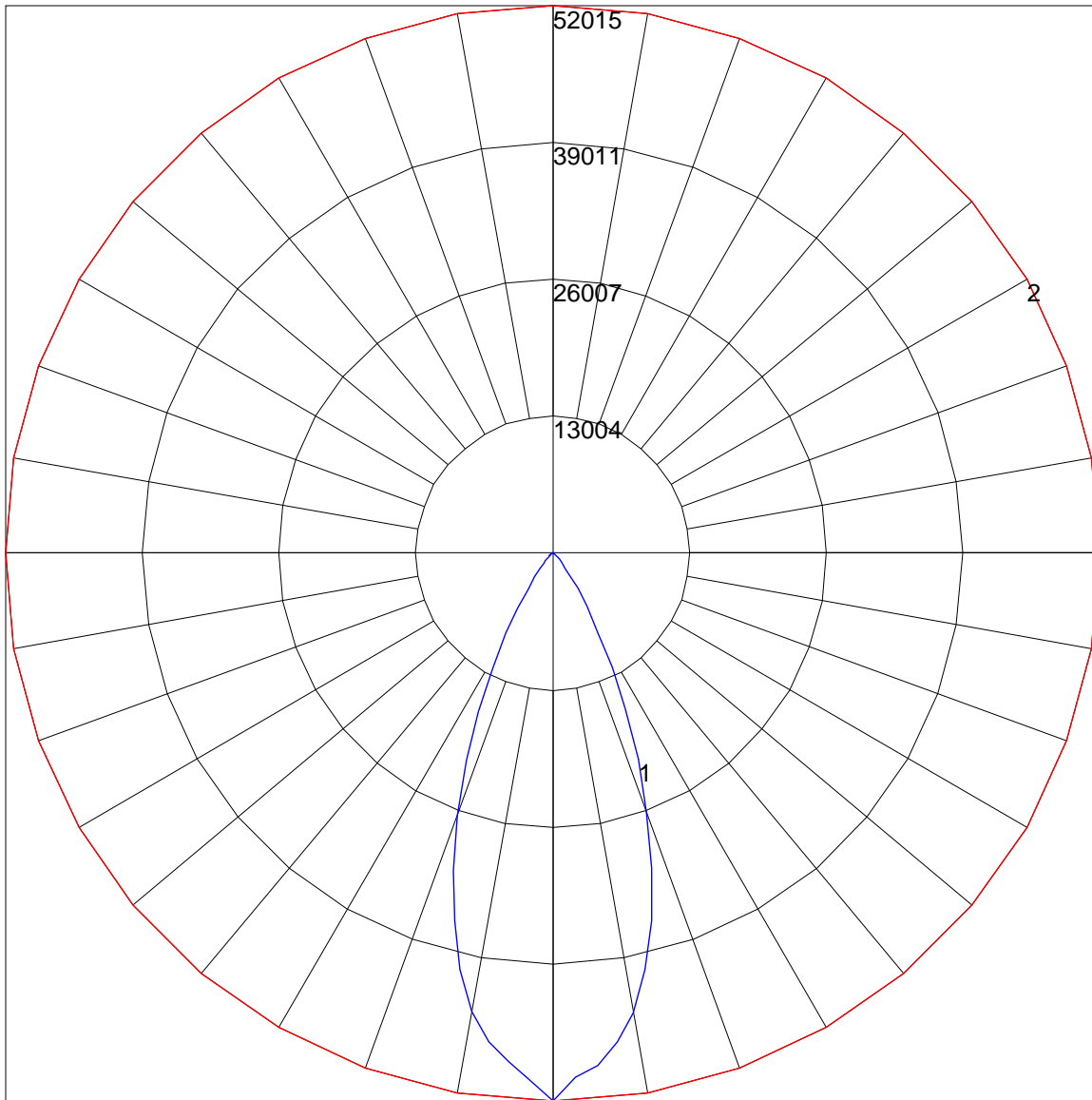
IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOMBDWT40120-277V_S.IES

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 = 52014.95 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)