



IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL736LEDHTLOWT50WBD120-277V_S.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

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

[ISSUEDATE]

[TESTDATE] Thu Feb 16 11:06:17 2017

[MANUFAC] BEGHELLI

[LUMINAIRE] BL736LEDHTLOWT50WBD120-277V

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

[LAMPCAT] NFSL757DT-V1

[OTHER] Indoor Photometric Report

[OTHER] LUMINAIRE PROPERTIES

[OTHER] Number of lamps: 256

[OTHER] Lumens per lamp: 81.6

[OTHER] Input watts: 150

[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	16430
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	110
Total Luminaire Watts	150
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.26
Spacing Criterion (Diagonal)	1.22
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 : BL736LEDHTLOWT50WBD120-277V_S.IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	13832	19637	15952
55	4494	5847	5052
65	1698	1888	1849
75	864	778	867
85	420	289	315

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CANDELA TABULATION

	0	10	20	30	40	50	60	70	80	90
0.0	9631.77	9631.77	9631.77	9631.77	9631.77	9631.77	9631.77	9631.77	9631.77	9631.77
2.5	9291.35	9404.13	9175.54	9275.65	9181.21	9398.83	9307.68	9337.80	9191.57	9235.31
5.0	9277.47	9285.20	9320.88	9305.47	9262.43	9361.45	9330.95	9178.87	9215.38	9219.15
7.5	9421.98	9549.76	9467.47	9550.68	9534.55	9567.31	9468.93	9532.02	9519.91	9559.67
10.0	9788.22	9780.65	9883.94	9814.65	9821.11	9814.26	9844.88	9861.71	9717.72	9614.65
12.5	10016.93	9913.62	10052.72	10021.81	10147.50	10120.30	10134.33	10069.89	9973.45	9896.65
15.0	10162.87	10173.75	10277.59	10420.43	10513.82	10516.39	10469.02	10354.32	10192.10	10111.62
17.5	10332.87	10250.33	10455.81	10617.31	10736.96	10816.84	10783.88	10615.32	10425.11	10284.70
20.0	10176.94	10241.21	10430.01	10717.59	11010.32	11025.83	11025.24	10696.77	10543.27	10351.83
22.5	9895.93	9991.72	10253.38	10653.98	10957.51	11125.72	11004.52	10738.08	10419.92	10207.92
25.0	9415.48	9503.09	9924.14	10395.92	10791.92	10962.46	10796.34	10526.35	10159.69	9963.08
27.5	8737.39	8890.11	9286.70	9924.06	10419.27	10673.66	10515.02	10087.60	9673.73	9392.55
30.0	7898.67	8010.75	8462.07	9094.94	9670.49	10103.20	9896.80	9424.85	8995.77	8649.54
32.5	6928.09	7091.51	7590.60	8275.28	8972.19	9261.36	9077.91	8599.07	8035.78	7799.40
35.0	5887.89	6060.03	6554.99	7302.11	7972.56	8240.66	8092.53	7549.34	7027.83	6747.88
37.5	4832.82	5008.33	5498.24	6179.24	6816.09	7124.11	6915.16	6395.73	5865.48	5598.74
40.0	3873.03	4007.84	4420.07	5058.52	5626.40	5900.47	5647.65	5158.88	4685.96	4448.54
42.5	2973.13	3092.35	3445.11	3981.79	4449.82	4639.54	4458.85	4056.37	3651.76	3449.04
45.0	2230.07	2351.36	2622.50	3020.99	3409.58	3522.42	3361.42	3042.65	2735.64	2582.18
47.5	1652.88	1730.60	1948.22	2257.15	2542.45	2640.13	2525.13	2240.66	2002.68	1894.36
50.0	1206.56	1244.29	1416.81	1663.60	1854.19	1927.50	1820.33	1622.16	1443.09	1392.48
52.5	890.04	924.73	1028.50	1177.54	1331.53	1368.70	1294.38	1161.28	1047.01	991.87
55.0	643.62	669.90	737.92	842.79	927.50	954.17	914.02	827.00	757.66	727.22
57.5	477.83	487.39	538.98	611.67	673.99	692.04	659.09	608.10	551.04	532.99
60.0	354.41	370.90	400.02	447.12	487.29	496.09	475.96	442.84	398.95	395.28
62.5	269.67	272.90	304.08	332.29	346.74	359.00	351.06	326.76	307.14	297.54
65.0	205.19	206.71	221.66	249.64	260.27	270.01	262.05	245.46	236.58	224.98
67.5	165.07	165.82	170.55	182.57	199.25	203.95	195.58	185.30	177.93	176.57
70.0	127.49	128.68	136.28	143.79	151.01	149.79	148.71	143.52	138.44	134.03
72.5	98.47	104.90	107.60	110.37	116.71	118.99	113.53	113.26	108.04	104.44
75.0	81.90	80.89	87.59	88.57	89.33	90.73	89.79	86.22	85.17	82.97
77.5	64.89	65.34	69.45	67.36	70.38	70.98	68.68	69.33	68.30	65.33
80.0	51.91	52.50	53.01	52.87	55.42	54.03	54.69	51.89	52.33	51.89
82.5	38.18	42.59	41.63	42.40	39.36	38.77	37.21	38.31	38.28	37.42
85.0	27.64	27.12	25.39	25.29	26.34	24.21	21.44	22.18	21.20	21.01
87.5	4.97	5.04	5.20	4.98	5.55	5.71	5.94	5.22	5.61	5.02
90.0	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00
92.5	0.03	0.03	0.01	0.01	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	0.03	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

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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	0.00	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>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	9631.77	9631.77	9631.77	9631.77	9631.77	9631.77	9631.77	9631.77	9631.77	9631.77
2.5	9227.96	9338.17	9244.38	9165.65	9335.10	9226.43	9299.17	9185.64	9025.42	9153.45
5.0	9244.93	9236.81	9148.95	9121.58	9192.45	9065.98	9157.92	9141.76	9156.65	9174.78
7.5	9378.52	9409.43	9292.47	9266.62	9294.56	9292.08	9309.23	9274.64	9268.30	9303.24
10.0	9625.91	9589.50	9633.61	9616.24	9494.66	9520.79	9502.43	9505.49	9484.85	9489.75
12.5	9875.20	9778.81	9834.37	9779.31	9802.77	9683.89	9539.92	9546.99	9516.82	9659.85
15.0	10070.58	10145.04	10116.59	10125.92	10012.24	9878.90	9786.02	9642.75	9663.63	9724.79
17.5	10275.91	10322.01	10354.85	10357.34	10293.77	10104.76	9938.32	9779.80	9715.73	9861.13
20.0	10339.93	10408.59	10498.76	10534.13	10434.83	10163.96	9916.52	9741.26	9674.28	9841.50
22.5	10278.26	10417.32	10551.39	10593.74	10378.10	10133.38	9842.77	9491.38	9449.86	9666.10
25.0	9938.46	10174.39	10349.93	10440.31	10312.06	9906.44	9461.10	9187.74	9036.37	9252.70
27.5	9461.14	9689.26	9988.19	10133.25	9938.81	9519.03	8967.33	8640.12	8521.42	8752.93
30.0	8751.39	9021.86	9406.38	9538.66	9356.15	8880.44	8344.23	7962.53	7758.53	7989.59
32.5	7849.02	8231.38	8666.37	8890.08	8660.12	8136.02	7551.07	7114.03	6961.74	7199.03
35.0	6830.93	7240.77	7726.33	7991.20	7750.91	7268.79	6631.89	6174.71	5986.13	6244.02
37.5	5707.70	6090.29	6567.90	6909.66	6752.26	6241.26	5622.65	5214.36	5029.85	5272.59
40.0	4581.04	4996.60	5450.78	5745.58	5662.46	5147.73	4613.48	4192.63	4088.56	4244.25
42.5	3557.66	3876.61	4292.33	4579.31	4505.90	4134.83	3670.27	3306.97	3182.83	3313.12
45.0	2667.08	2941.05	3269.53	3523.29	3486.89	3188.94	2777.37	2506.58	2407.93	2531.88
47.5	1941.76	2170.13	2452.85	2621.96	2629.99	2403.53	2098.44	1877.23	1805.78	1886.19
50.0	1411.43	1591.65	1794.77	1931.75	1922.11	1744.79	1532.55	1386.88	1326.36	1386.40
52.5	1020.42	1131.62	1282.46	1386.22	1374.34	1279.83	1113.93	1006.07	962.40	1015.36
55.0	748.22	804.62	913.73	970.82	992.77	903.60	802.19	717.81	696.85	732.51
57.5	543.20	590.42	642.87	695.62	700.25	644.53	574.92	528.32	507.88	539.38
60.0	406.36	431.50	479.90	505.63	498.55	471.04	430.04	392.47	381.59	390.71
62.5	299.43	322.67	346.18	367.48	369.43	343.35	319.37	299.05	290.94	304.44
65.0	225.56	239.29	259.27	271.64	276.81	264.18	238.39	226.20	223.80	225.44
67.5	174.64	183.30	197.67	199.67	209.26	195.00	184.62	174.35	168.44	173.78
70.0	134.48	142.33	151.66	152.64	152.46	151.70	140.38	137.91	132.18	135.65
72.5	109.34	111.31	116.81	121.00	117.18	112.71	106.85	108.16	109.54	104.45
75.0	86.16	86.92	91.67	91.99	93.57	89.97	89.35	84.90	82.14	86.28
77.5	66.06	68.81	70.98	68.69	73.48	72.61	69.49	65.26	66.98	67.95
80.0	51.83	52.84	55.31	56.65	53.61	56.21	53.85	52.01	54.39	55.90

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CANDELA TABULATION - (Cont.)

82.5	36.71	38.10	40.53	39.47	40.34	41.12	41.60	42.49	43.00	42.44
85.0	21.21	21.73	23.47	23.50	24.73	25.35	28.61	26.83	27.96	26.60
87.5	5.32	5.01	5.86	6.12	5.61	5.21	4.81	5.96	5.10	5.20
90.0	0.00	0.00	0.00	0.01	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	0.03	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	0.00	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	0.12
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	9631.77	9631.77	9631.77	9631.77	9631.77	9631.77	9631.77	9631.77	9631.77	9631.77
2.5	9098.44	9074.73	9220.86	9296.94	9237.92	9428.13	9397.79	9438.13	9465.56	9434.15
5.0	9202.09	9168.72	9143.28	9154.67	9333.70	9281.61	9322.71	9295.96	9373.74	9447.25
7.5	9334.43	9296.06	9443.30	9533.71	9483.73	9493.18	9563.49	9594.13	9611.80	9552.50
10.0	9425.76	9618.70	9661.61	9763.71	9666.56	9785.16	9819.03	9800.44	9912.13	10013.80
12.5	9705.98	9862.92	9887.34	10062.54	10126.47	10006.58	10051.49	10078.40	10145.36	10233.59
15.0	9808.86	10129.10	10256.01	10290.62	10365.98	10284.36	10323.42	10438.62	10453.97	10591.13
17.5	10011.79	10289.61	10478.28	10646.76	10694.77	10513.04	10646.08	10610.19	10735.00	10894.24
20.0	10151.93	10404.80	10689.03	10855.51	10894.72	10731.70	10570.74	10645.72	10817.63	11075.62
22.5	9935.55	10391.88	10716.36	10865.05	10858.88	10654.22	10556.46	10569.74	10713.02	11124.42
25.0	9598.68	10196.97	10588.92	10766.11	10677.23	10443.39	10207.66	10156.96	10449.06	10858.58
27.5	9164.96	9710.37	10253.59	10450.41	10289.47	9949.01	9669.18	9626.70	9862.60	10395.03

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTLOWT50WBD120-277V_S.IES

CANDELA TABULATION - (Cont.)

30.0	8509.12	9177.53	9736.50	9878.59	9667.42	9229.78	8883.88	8856.72	9077.41	9660.37
32.5	7739.16	8432.95	8998.14	9096.38	8808.50	8334.87	7936.06	7854.20	8123.31	8687.05
35.0	6839.88	7530.10	8087.89	8151.07	7784.71	7254.96	6849.39	6747.54	6983.51	7613.54
37.5	5764.58	6482.48	6949.85	7026.45	6640.01	6115.82	5654.36	5547.95	5828.07	6345.88
40.0	4745.25	5336.13	5762.35	5833.42	5422.34	4900.94	4492.63	4416.19	4603.07	5068.39
42.5	3756.24	4282.14	4621.68	4566.80	4259.07	3782.61	3426.70	3354.32	3547.38	3955.21
45.0	2870.54	3278.01	3542.10	3509.03	3220.42	2848.56	2558.41	2494.11	2634.00	2962.03
47.5	2153.50	2459.10	2639.07	2613.57	2375.30	2068.15	1874.63	1812.57	1920.48	2172.52
50.0	1575.59	1789.78	1938.15	1908.59	1731.25	1518.59	1353.06	1310.69	1382.06	1563.28
52.5	1142.52	1295.54	1390.95	1362.31	1241.32	1079.36	976.09	958.98	1002.35	1125.36
55.0	818.39	917.87	982.64	960.32	886.81	781.05	720.87	702.68	727.74	802.57
57.5	587.03	657.63	700.16	683.40	637.01	570.08	526.31	511.00	528.32	583.08
60.0	431.75	473.58	498.41	501.06	451.12	420.93	389.87	375.32	393.85	423.58
62.5	314.84	353.22	365.08	362.46	342.30	315.13	296.27	292.84	302.42	323.41
65.0	245.84	256.52	272.97	268.85	252.55	234.62	224.97	224.18	227.73	237.81
67.5	186.43	196.54	201.00	199.34	194.25	178.33	175.02	171.72	173.28	183.44
70.0	143.09	153.01	153.59	152.17	145.49	140.49	128.99	132.52	133.31	139.02
72.5	107.66	113.28	119.54	115.97	112.65	108.31	102.54	106.13	106.96	107.76
75.0	86.89	89.56	90.53	89.80	89.31	82.31	83.61	82.08	81.44	85.01
77.5	69.55	69.84	69.84	68.77	69.45	65.28	65.73	66.45	63.82	66.09
80.0	55.55	55.31	54.26	54.46	52.50	51.87	50.99	49.83	51.08	52.83
82.5	40.81	41.94	40.84	41.26	36.75	38.10	36.35	37.32	36.76	36.91
85.0	25.85	25.93	26.35	24.14	22.29	21.41	21.78	22.17	23.95	21.87
87.5	5.33	4.89	5.59	5.53	6.07	5.66	5.36	4.86	4.49	5.46
90.0	0.03	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	0.00
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	0.01
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 : BL736LEDHTLOWT50WBD120-277V_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

	<u>300</u>	<u>310</u>	<u>320</u>	<u>330</u>	<u>340</u>	<u>350</u>	<u>360</u>
0.0	9631.77	9631.77	9631.77	9631.77	9631.77	9631.77	9631.77
2.5	9420.11	9381.69	9181.48	9230.52	9239.39	9171.85	9292.40
5.0	9398.37	9400.94	9275.13	9376.71	9395.35	9305.65	9277.47
7.5	9593.11	9639.74	9710.18	9649.89	9537.37	9629.74	9422.37
10.0	10016.20	9996.67	9949.96	9936.53	9904.40	9812.54	9788.40
12.5	10371.92	10348.71	10371.99	10330.34	10184.33	10077.63	10016.93
15.0	10730.55	10768.85	10754.04	10576.54	10417.25	10197.44	10162.96
17.5	11081.64	11173.39	11101.32	10785.66	10628.68	10382.67	10332.87
20.0	11297.69	11449.24	11276.67	10985.95	10672.33	10366.48	10177.00
22.5	11323.00	11488.85	11309.59	10889.11	10491.43	10105.23	9895.93
25.0	11245.05	11347.30	11117.01	10629.72	10068.78	9669.24	9415.53
27.5	10778.90	11028.56	10720.06	10186.56	9511.60	8961.12	8737.39
30.0	10143.42	10360.58	10038.12	9405.28	8700.06	8147.23	7898.71
32.5	9292.68	9536.62	9198.43	8565.71	7761.82	7149.68	6928.09
35.0	8188.66	8451.42	8230.37	7536.51	6733.34	6124.02	5887.89
37.5	6940.11	7218.66	7027.83	6404.46	5654.63	5044.61	4832.82
40.0	5663.92	5932.74	5742.87	5172.12	4574.78	4068.70	3873.03
42.5	4438.28	4653.96	4542.39	4096.14	3534.08	3115.95	2973.13
45.0	3326.89	3529.60	3482.44	3133.40	2703.57	2350.30	2230.15
47.5	2450.56	2598.29	2584.61	2312.37	1996.13	1757.97	1652.88
50.0	1786.29	1878.32	1859.74	1704.33	1462.41	1270.64	1206.57
52.5	1265.59	1344.94	1317.63	1223.74	1052.11	927.48	890.04
55.0	891.07	949.39	938.26	871.80	751.57	666.63	643.62
57.5	632.87	677.30	668.67	613.54	543.44	488.57	477.83
60.0	456.79	487.43	481.95	449.45	399.16	365.15	354.41
62.5	343.70	359.31	353.42	335.88	301.27	281.63	269.71
65.0	259.51	269.07	270.26	247.29	229.17	213.36	205.28
67.5	191.62	199.52	199.21	189.66	175.75	165.25	165.11
70.0	151.92	152.42	148.23	145.76	134.03	129.36	127.49
72.5	115.34	119.65	114.08	112.64	108.09	103.65	98.48
75.0	86.28	90.36	90.29	85.92	87.67	83.41	81.96
77.5	68.07	71.07	69.48	66.81	66.04	65.54	64.89
80.0	53.53	53.76	54.17	54.91	54.69	53.28	51.91
82.5	39.56	41.29	40.13	40.89	41.08	41.52	38.18
85.0	23.04	23.43	24.62	27.12	26.05	28.02	27.64
87.5	6.35	6.52	6.09	4.98	5.43	5.32	4.97
90.0	0.00	0.00	0.03	0.01	0.01	0.01	0.00
92.5	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
97.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.03
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 : BL736LEDHTLOWT50WBD120-277V_S.IES

CANDELA TABULATION - (Cont.)

117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	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 : BL736LEDHTLOWT50WBD120-277V_S.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	3810.26	N.A.	23.20
0-30	8457.46	N.A.	51.50
0-40	12900.39	N.A.	78.50
0-60	16051.57	N.A.	97.70
0-80	16404.02	N.A.	99.80
0-90	16430.23	N.A.	100.00
10-90	15527.7	N.A.	94.50
20-40	9090.13	N.A.	55.30
20-50	11446.15	N.A.	69.70
40-70	3407.79	N.A.	20.70
60-80	352.45	N.A.	2.10
70-80	95.84	N.A.	0.60
80-90	26.21	N.A.	0.20
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	16430.23	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	902.54
10-20	2907.72
20-30	4647.2
30-40	4442.93
40-50	2356.02
50-60	795.16
60-70	256.61
70-80	95.84
80-90	26.21
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

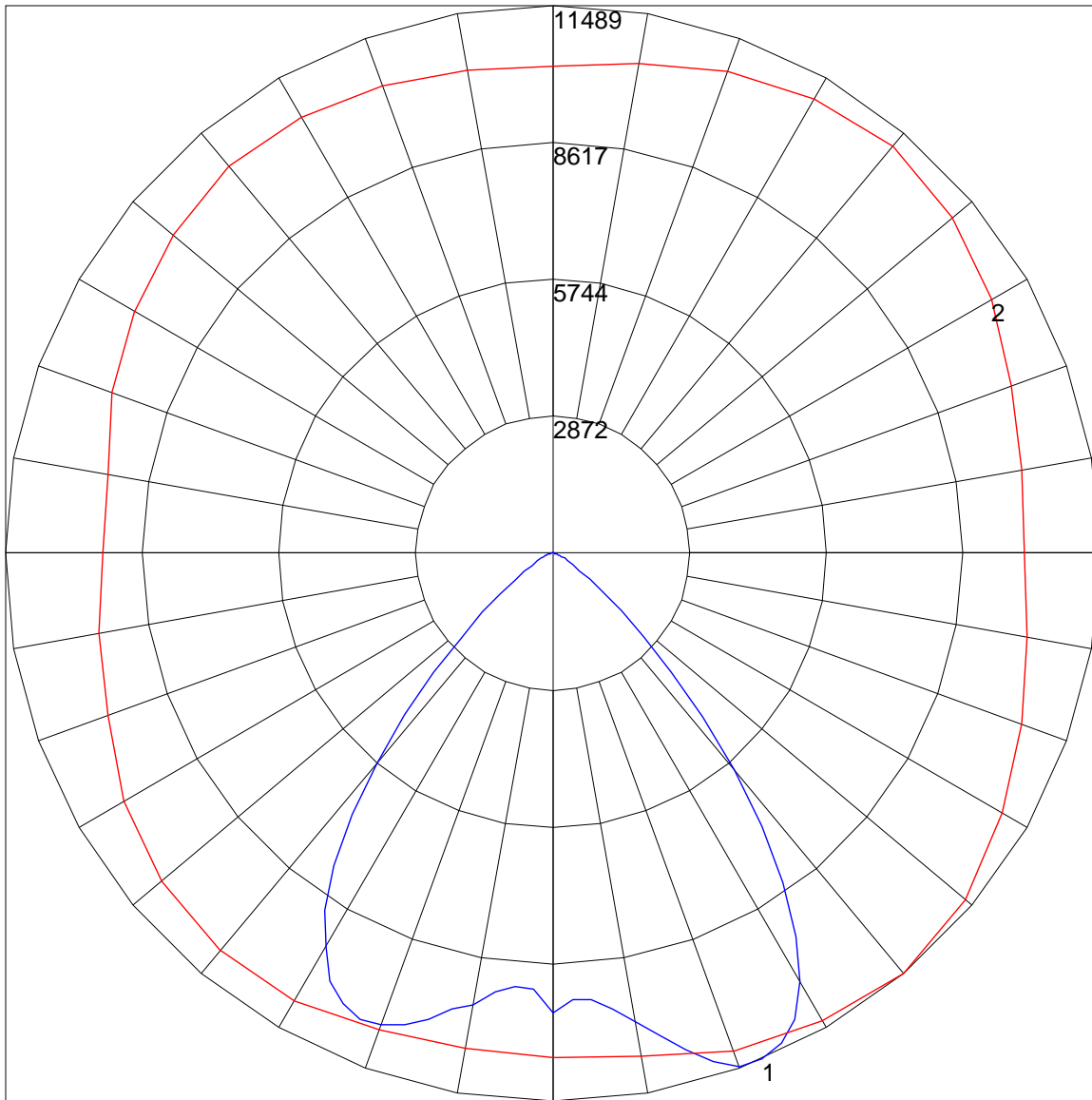
IES INDOOR REPORT
 PHOTOMETRIC FILENAME : BL736LEDHTLOWT50WBD120-277V_S.IES

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	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	84	83
3	99	91	86	81	97	90	85	80	87	83	79	85	81	78	82	79	76	75
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	72	69	68
5	87	77	70	65	85	76	70	65	74	69	64	72	68	64	71	67	63	61
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56
7	77	66	59	54	75	65	58	54	64	58	53	62	57	53	61	56	53	51
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47
9	68	57	50	45	67	56	50	45	55	49	45	54	49	45	53	48	45	43
10	64	53	46	42	63	52	46	42	52	46	42	51	45	41	50	45	41	40

POLAR GRAPH



Maximum Candela = 11488.85 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.)