



IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL736LEDHTHOWBDWT50120-277V_S.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

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

[ISSUEDATE]

[TESTDATE] Mon Aug 08 10:57:56 2016

[TEST] 1

[MANUFAC] BEGHELLI

[LUMCAT]

[LUMINAIRE] BL736LEDHTHOWBDWT50120-277V

[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: 62.3

[OTHER] Input watts: 220.4

[OTHER] Distribution: Direct

[OTHER] Symmetry: None

[OTHER] Photometric Type: C

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	25255
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	110
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)	1.18
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 : BL736LEDHTHOWBDWT50120-277V_S.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	20552	28684	22248
55	6736	8462	6950
65	2580	2760	2590
75	1276	1133	1230
85	496	359	492

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOWBDWT50120-277V_S.IES

CANDELA TABULATION

	<u>0</u>	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>50</u>	<u>60</u>	<u>70</u>	<u>80</u>	<u>90</u>
0.0	16525.23	16525.23	16525.23	16525.23	16525.23	16525.23	16525.23	16525.23	16525.23	16525.23
2.5	15885.91	16232.20	16092.04	16264.27	16031.01	16264.08	16162.09	16065.24	15919.16	15845.64
5.0	15811.13	15951.51	15999.15	16100.59	16128.88	16084.50	15911.61	16136.07	15810.22	15841.54
7.5	16200.19	16152.45	16298.00	16378.15	16202.01	16299.19	16174.78	16091.64	15920.34	15970.91
10.0	16511.41	16503.18	16706.45	16422.73	16635.41	16483.67	16436.24	16270.34	16301.53	16045.28
12.5	16690.25	16718.10	16765.52	16863.83	16729.70	16733.18	16744.58	16603.18	16277.84	16335.39
15.0	16759.23	17019.19	17013.46	17130.75	17243.02	16990.85	16988.21	16760.37	16503.72	16438.60
17.5	16891.39	16987.35	17014.73	17171.45	17404.55	17374.13	17241.42	16896.37	16699.39	16661.51
20.0	16597.10	16730.87	16930.73	17214.68	17468.59	17450.26	17267.78	17007.62	16617.73	16400.98
22.5	16003.11	16220.58	16515.91	16966.89	17239.11	17358.10	17158.11	16741.33	16364.47	16138.50
25.0	15175.75	15289.12	15689.98	16268.46	16945.71	17099.97	16818.70	16318.43	15757.25	15472.78
27.5	13833.13	14057.82	14645.28	15438.84	16070.73	16380.41	16154.87	15361.15	14766.34	14530.68
30.0	12417.89	12543.79	13252.61	14208.96	15031.38	15367.76	15099.90	14301.31	13608.14	13190.85
32.5	10763.88	11000.38	11696.54	12755.74	13767.85	14118.01	13695.73	12830.96	12006.56	11641.01
35.0	9058.09	9312.62	10066.67	11185.92	12198.99	12454.46	12106.83	11112.87	10265.76	9934.98
37.5	7406.65	7641.49	8334.37	9400.41	10284.48	10599.07	10164.26	9265.49	8465.22	8103.91
40.0	5823.08	6091.16	6648.98	7603.12	8391.21	8640.41	8248.93	7390.98	6676.21	6347.77
42.5	4512.15	4670.84	5215.62	6013.44	6621.14	6839.52	6408.87	5728.39	5087.24	4862.37
45.0	3313.52	3492.19	3916.97	4566.22	5013.47	5111.83	4811.43	4253.24	3762.99	3601.22
47.5	2452.76	2559.89	2908.77	3379.93	3693.43	3761.50	3505.93	3110.98	2762.53	2597.35
50.0	1784.52	1866.32	2123.48	2446.93	2664.53	2720.65	2510.90	2240.78	1982.64	1902.93
52.5	1324.31	1367.69	1532.94	1774.06	1924.30	1927.14	1787.42	1603.68	1436.91	1357.30
55.0	964.58	990.52	1109.87	1247.17	1353.48	1369.44	1281.88	1145.02	1039.00	1000.44
57.5	711.13	740.84	809.41	911.65	970.87	986.30	928.26	845.21	778.81	733.66
60.0	527.57	556.84	594.05	649.43	700.23	692.97	667.41	614.28	574.75	545.13
62.5	400.66	409.78	436.57	493.49	509.69	519.83	496.88	460.41	431.20	416.92
65.0	311.72	320.01	342.27	367.73	385.32	389.66	372.61	345.48	329.43	315.10
67.5	241.14	245.30	259.85	281.19	284.25	297.54	282.07	266.87	256.03	247.86
70.0	189.51	193.66	204.61	212.74	217.67	219.98	217.47	200.22	193.30	190.28
72.5	148.20	151.77	156.89	167.04	169.33	165.90	172.01	155.24	156.66	150.48
75.0	120.91	113.84	123.96	129.03	131.78	130.27	129.54	126.49	125.88	117.68
77.5	93.50	94.15	98.35	98.82	102.43	102.05	103.06	102.47	94.45	92.49
80.0	76.60	71.35	73.87	77.35	78.31	78.83	77.63	78.35	75.85	75.37
82.5	53.90	52.11	55.84	55.23	55.83	56.92	55.85	55.22	52.18	57.68
85.0	32.69	29.96	30.07	31.72	33.20	29.53	28.07	32.00	33.12	32.85
87.5	7.01	7.45	7.57	6.79	6.53	7.51	6.36	7.40	6.80	7.88
90.0	0.11	0.07	0.03	0.05	0.01	0.00	0.00	0.00	0.00	0.00
92.5	0.05	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
95.0	0.05	0.00	0.05	0.00	0.06	0.00	0.00	0.00	0.00	0.00
97.5	0.00	0.00	0.00	0.04	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	0.03	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	0.01	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	0.01	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	0.01	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 : BL736LEDHTHOWBDWT50120-277V_S.IES

CANDELA TABULATION - (Cont.)

135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.01	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	0.04	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	0.01
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	0.01	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	0.33	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

	100	110	120	130	140	150	160	170	180	190
0.0	16525.23	16525.23	16525.23	16525.23	16525.23	16525.23	16525.23	16525.23	16525.23	16525.23
2.5	16174.02	15932.66	15838.60	16009.97	16356.29	16042.94	15884.30	15821.22	16166.11	15944.24
5.0	15826.32	15791.31	15846.35	15810.16	15763.28	15810.65	15736.58	15775.43	15855.06	16016.65
7.5	15989.60	16059.85	16000.91	15953.91	15957.45	16092.04	15848.15	15851.81	15762.90	15912.27
10.0	16130.75	16238.82	16164.73	16105.30	16184.91	16114.68	16103.99	15997.38	16083.64	15985.34
12.5	16333.49	16289.72	16286.01	16313.36	16338.66	16220.29	16284.42	16160.70	16074.53	16178.72
15.0	16388.69	16322.91	16415.77	16485.37	16416.23	16465.22	16316.75	16118.10	16142.47	16163.80
17.5	16537.82	16573.70	16730.78	16787.20	16619.00	16533.17	16336.38	16164.39	16167.89	16282.25
20.0	16417.04	16514.53	16643.26	16748.60	16713.82	16529.70	16161.18	15939.28	15872.13	16007.72
22.5	16074.54	16416.03	16576.32	16626.51	16404.24	16119.50	15682.70	15435.75	15330.61	15450.54
25.0	15517.57	15888.14	16110.28	16256.06	16114.44	15649.49	15095.74	14709.49	14557.87	14720.92
27.5	14542.53	14876.42	15459.43	15617.59	15479.41	14943.59	14164.26	13673.27	13525.72	13735.00
30.0	13264.99	13736.60	14409.97	14674.95	14445.57	13716.05	13084.75	12356.61	12201.73	12402.98
32.5	11735.09	12337.24	13014.83	13448.35	13276.13	12530.63	11637.22	10964.36	10784.86	11063.94
35.0	10103.78	10686.12	11493.06	11955.65	11877.38	11102.07	10160.87	9502.23	9261.88	9528.57
37.5	8266.86	8892.11	9713.94	10246.93	10154.06	9475.57	8613.04	7849.22	7701.07	7928.45
40.0	6500.37	7089.98	7881.45	8428.99	8381.52	7830.66	6961.95	6322.88	6151.25	6372.94
42.5	4989.59	5479.53	6149.68	6666.00	6632.27	6179.61	5516.21	4937.70	4752.65	4972.12
45.0	3699.39	4111.89	4656.92	5072.33	5142.77	4762.97	4182.82	3767.31	3620.57	3765.94
47.5	2669.95	2988.88	3399.29	3747.43	3820.41	3574.06	3120.78	2783.23	2666.66	2802.82
50.0	1941.21	2182.11	2474.27	2716.92	2775.12	2584.67	2303.85	2039.96	1964.70	2075.48
52.5	1407.21	1564.61	1773.71	1937.16	1975.59	1877.39	1643.10	1491.24	1415.67	1481.93
55.0	1025.97	1116.08	1265.15	1377.50	1403.27	1327.15	1178.63	1069.67	1026.57	1075.57
57.5	762.75	811.44	926.39	980.19	993.38	951.04	863.91	791.41	775.90	783.70
60.0	557.18	606.69	655.73	716.59	722.18	687.94	634.85	586.33	576.79	590.68
62.5	419.39	445.83	500.33	522.80	538.28	513.17	477.64	443.53	435.65	441.99
65.0	323.04	340.56	363.22	386.42	402.60	381.80	355.14	337.15	331.88	343.89
67.5	249.34	259.38	281.99	291.64	291.76	287.83	272.85	259.23	256.45	265.76
70.0	191.56	207.98	210.64	222.65	226.10	225.57	209.97	196.87	199.02	205.61
72.5	153.29	163.96	166.18	169.29	174.14	166.50	165.68	161.13	158.75	156.53
75.0	121.45	126.48	129.88	132.06	133.83	129.36	127.68	124.20	121.69	120.81
77.5	95.07	97.44	100.36	102.61	100.48	102.89	98.37	96.99	98.62	97.07
80.0	72.37	72.09	74.43	77.39	76.98	75.31	75.03	73.45	74.83	76.62

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOWBDWT50120-277V_S.IES

CANDELA TABULATION - (Cont.)

82.5	55.20	55.16	56.45	56.78	53.66	55.41	55.46	54.81	56.88	52.89
85.0	33.26	32.21	31.32	30.75	34.35	33.90	33.51	32.11	32.21	32.51
87.5	7.91	6.60	6.98	8.35	6.85	6.99	6.67	6.85	7.61	7.19
90.0	0.01	0.00	0.05	0.05	0.00	0.06	0.00	0.00	0.00	0.02
92.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.10
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	0.00	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	0.01	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	0.01	0.00	0.00	0.00	0.01	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	0.01	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	16525.23	16525.23	16525.23	16525.23	16525.23	16525.23	16525.23	16525.23	16525.23	16525.23
2.5	15952.94	16265.14	16078.98	16301.74	16470.06	15850.58	15988.13	16019.55	16257.73	15943.46
5.0	15689.63	15908.46	15846.52	15787.94	15834.77	15784.09	15960.70	15789.89	15694.16	15812.66
7.5	15956.88	15908.27	16077.02	15917.40	15943.49	16105.71	16096.14	16081.11	16186.95	16153.07
10.0	16081.58	16025.20	16186.43	16258.19	16138.32	16192.82	16134.26	16181.05	16215.38	16398.85
12.5	16289.95	16270.38	16324.28	16406.30	16244.54	16391.24	16499.71	16378.04	16474.92	16627.20
15.0	16326.64	16481.81	16637.94	16671.48	16653.59	16587.23	16484.52	16625.53	16803.42	16981.09
17.5	16382.62	16606.87	16872.70	16886.68	16796.79	16655.13	16590.98	16662.32	16737.20	17026.21
20.0	16248.56	16537.49	16799.35	16895.34	16960.19	16661.56	16623.37	16620.98	16813.09	17177.96
22.5	15750.38	16369.51	16638.65	16789.93	16747.89	16479.86	16244.21	16223.01	16426.48	17015.36
25.0	15101.24	15770.90	16276.33	16386.25	16208.42	15893.10	15582.74	15584.58	15916.20	16466.36
27.5	14297.56	14952.30	15583.72	15784.10	15642.42	15009.75	14679.21	14565.19	14940.80	15641.90

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOWBDWT50120-277V_S.IES

CANDELA TABULATION - (Cont.)

30.0	13011.68	13905.42	14586.20	14849.81	14434.30	13859.78	13277.73	13255.16	13617.43	14402.94
32.5	11749.55	12668.18	13422.94	13498.76	13111.68	12413.02	11838.34	11640.36	12016.66	12909.19
35.0	10251.29	11150.65	11947.00	12071.35	11526.36	10680.00	10109.18	9873.41	10240.89	11122.29
37.5	8647.37	9533.87	10226.54	10311.40	9663.77	8918.23	8254.45	8029.54	8423.17	9262.96
40.0	6993.20	7872.69	8463.26	8426.42	7842.82	7054.86	6474.27	6338.03	6658.63	7340.15
42.5	5511.17	6214.76	6732.09	6662.20	6114.61	5421.39	4940.41	4738.74	5053.96	5615.41
45.0	4231.06	4811.24	5129.28	5031.72	4633.37	4037.24	3641.62	3550.34	3711.61	4225.02
47.5	3131.53	3553.82	3807.24	3738.50	3376.57	2927.76	2668.89	2581.17	2728.96	3080.13
50.0	2289.44	2601.55	2748.28	2681.30	2438.95	2122.94	1900.85	1869.75	1954.92	2222.14
52.5	1666.68	1873.58	1977.71	1906.56	1718.72	1548.73	1385.34	1342.37	1420.08	1588.09
55.0	1201.30	1331.28	1396.83	1359.31	1234.55	1108.27	990.02	983.38	1022.24	1134.00
57.5	860.66	953.65	989.92	966.60	882.15	804.84	748.08	726.15	759.15	816.34
60.0	640.78	693.52	711.68	703.17	647.26	599.02	547.16	548.38	559.02	612.59
62.5	475.70	517.41	520.42	516.20	486.35	451.30	414.74	411.43	431.49	452.64
65.0	364.59	379.50	401.51	376.56	374.25	337.06	320.12	312.49	320.49	349.70
67.5	275.72	286.96	292.44	283.54	282.62	263.29	248.48	247.46	246.03	265.86
70.0	206.85	215.99	219.80	223.43	211.13	199.03	194.11	194.48	194.07	203.13
72.5	165.05	168.51	170.17	171.37	168.24	160.48	153.76	151.52	155.09	159.94
75.0	130.09	125.88	129.30	130.27	125.98	120.95	126.63	121.13	126.83	124.37
77.5	99.65	101.05	102.54	101.67	101.15	100.63	93.36	101.66	95.44	96.47
80.0	75.13	78.30	76.16	74.06	77.45	72.39	71.24	70.24	71.45	75.68
82.5	56.73	56.94	56.51	55.25	53.57	55.12	53.26	53.85	55.64	56.16
85.0	31.12	27.66	32.66	29.54	29.35	33.52	34.14	31.91	32.85	31.41
87.5	7.55	6.57	6.61	7.43	7.44	7.10	6.86	6.89	7.11	7.82
90.0	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.01	0.01	0.00
92.5	0.00	0.01	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	0.01	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	0.01	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 : BL736LEDHTHOWBDWT50120-277V_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	16525.23	16525.23	16525.23	16525.23	16525.23	16525.23	16525.23
2.5	15946.83	16313.76	16013.94	16308.41	16241.35	16100.11	15885.91
5.0	15933.99	15962.16	16156.13	15957.90	16127.42	16100.69	15812.24
7.5	16044.97	16216.51	16293.11	16335.62	16300.12	16387.21	16200.19
10.0	16433.23	16697.66	16569.13	16642.11	16699.06	16674.89	16511.84
12.5	16784.67	16932.66	16958.14	16852.49	16844.57	16795.01	16690.47
15.0	17039.88	17125.16	17192.36	17111.04	17176.71	17019.45	16759.60
17.5	17353.01	17401.86	17485.24	17302.40	17160.28	17039.84	16891.39
20.0	17473.88	17703.04	17540.03	17406.60	17039.17	16772.47	16597.10
22.5	17394.35	17555.56	17416.98	17001.78	16582.59	16115.16	16003.19
25.0	17092.24	17244.13	16994.06	16435.98	15858.25	15368.81	15175.81
27.5	16305.82	16512.59	16320.62	15517.66	14680.56	14097.75	13833.21
30.0	15064.32	15524.33	15207.60	14341.38	13317.48	12621.10	12417.89
32.5	13668.70	14130.52	13909.39	12889.65	11784.31	11001.85	10763.95
35.0	12052.29	12466.86	12204.78	11195.67	10044.87	9342.66	9058.09
37.5	10161.78	10659.09	10439.12	9458.12	8429.47	7628.68	7406.67
40.0	8213.86	8683.10	8455.45	7720.89	6760.33	6058.62	5823.13
42.5	6352.92	6738.83	6661.98	6036.39	5222.01	4675.48	4512.19
45.0	4780.97	5110.75	5040.38	4575.54	3951.26	3481.15	3313.52
47.5	3487.92	3743.63	3716.20	3416.64	2929.57	2551.38	2452.76
50.0	2507.54	2696.41	2691.46	2450.16	2141.53	1904.89	1784.56
52.5	1776.13	1920.76	1903.50	1756.41	1528.76	1359.63	1324.31
55.0	1272.67	1348.79	1359.21	1242.38	1119.93	993.33	964.62
57.5	908.77	965.22	955.90	889.87	805.67	729.20	711.20
60.0	667.58	692.75	698.98	655.69	598.49	546.20	527.59
62.5	491.95	514.17	516.83	490.21	439.17	411.69	400.66
65.0	369.58	376.10	387.47	371.64	343.06	309.72	311.72
67.5	274.99	291.13	294.65	280.40	267.86	250.44	241.14
70.0	213.86	221.65	220.53	217.19	197.51	194.62	189.51
72.5	161.48	168.17	163.20	170.37	153.06	152.81	148.20
75.0	129.68	129.38	129.82	129.89	120.55	121.70	120.91
77.5	98.18	98.96	100.69	100.97	95.02	90.43	93.50
80.0	77.09	78.45	77.84	77.29	74.89	72.94	76.60
82.5	53.24	56.29	54.74	52.87	53.73	53.04	53.96
85.0	30.88	29.77	30.39	30.33	28.97	33.47	32.73
87.5	6.51	6.02	5.91	6.48	7.26	7.27	7.01
90.0	0.01	0.02	0.00	0.01	0.01	0.13	0.11
92.5	0.00	0.00	0.04	0.00	0.12	0.02	0.05
95.0	0.00	0.00	0.00	0.01	0.00	0.00	0.05
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	0.01	0.00	0.03
102.5	0.00	0.00	0.00	0.00	0.00	0.00	0.03
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 : BL736LEDHTHOWBDWT50120-277V_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	0.01
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	0.04	0.01	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	0.06	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 : BL736LEDHTHOWBDWT50120-277V_S.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	6263.08	N.A.	24.80
0-30	13489.82	N.A.	53.40
0-40	20148.01	N.A.	79.80
0-60	24708.61	N.A.	97.80
0-80	25219.7	N.A.	99.90
0-90	25255.41	N.A.	100.00
10-90	23718.53	N.A.	93.90
20-40	13884.94	N.A.	55.00
20-50	17306.28	N.A.	68.50
40-70	4932.61	N.A.	19.50
60-80	511.08	N.A.	2.00
70-80	139.07	N.A.	0.60
80-90	35.72	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	25255.42	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	1536.88
10-20	4726.2
20-30	7226.75
30-40	6658.19
40-50	3421.34
50-60	1139.25
60-70	372.01
70-80	139.07
80-90	35.72
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

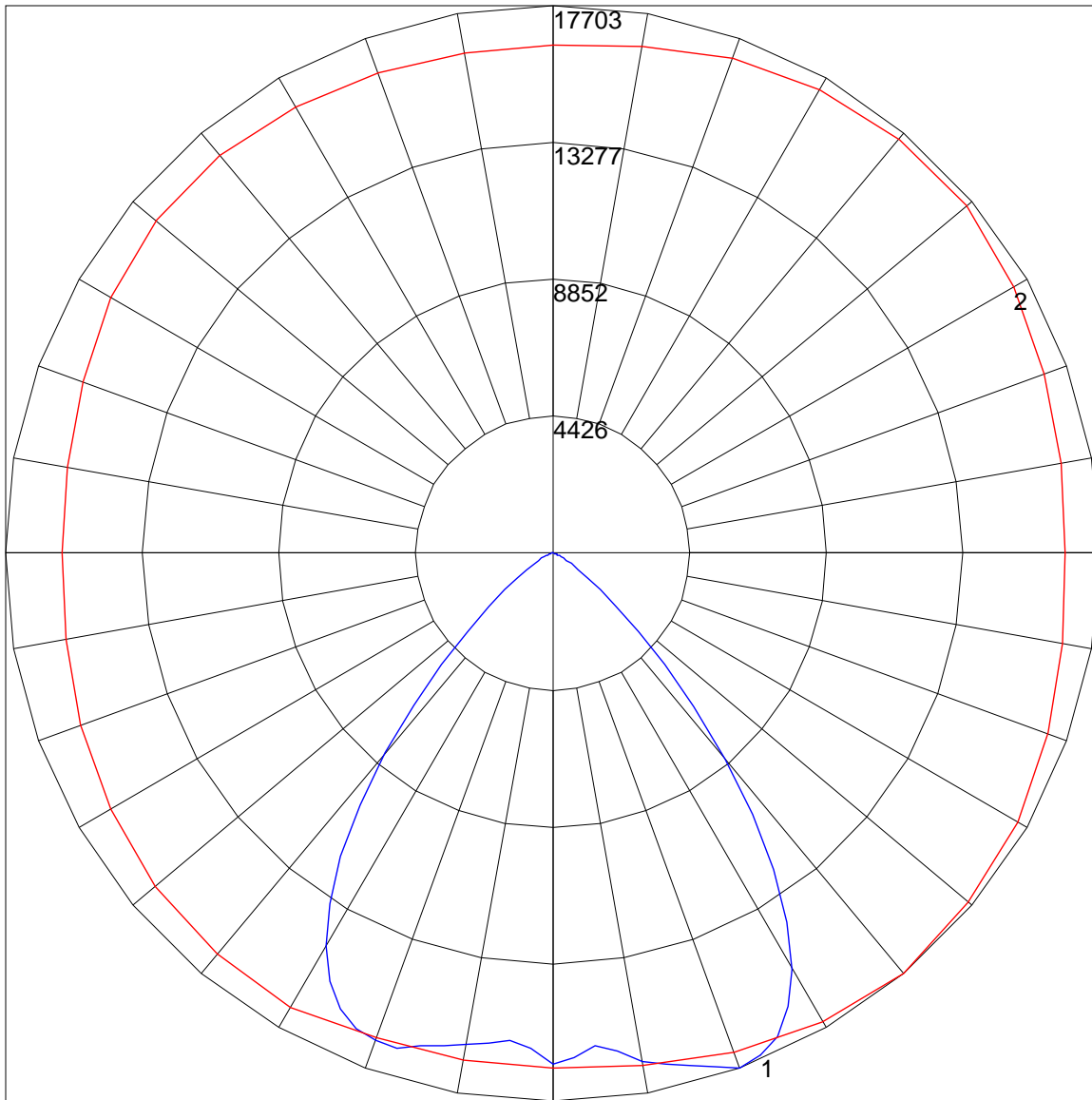
IES INDOOR REPORT
 PHOTOMETRIC FILENAME : BL736LEDHTHOWBDWT50120-277V_S.IES

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 = 17703.04 Located At Horizontal Angle = 310, Vertical Angle = 20
1 - Vertical Plane Through Horizontal Angles (310 - 130) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (20) (Through Max. Cd.)