



IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL736LEDHTHOWBDWT40120-277V_S.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

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

[ISSUEDATE]

[TESTDATE] Fri May 12 11:31:59 2017

[MANUFAC] BEGHELLI

[LUMINAIRE] BL736LEDHTHOWBDWT40120-277V

[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: 230

[OTHER] Distribution: Direct

[OTHER] Symmetry: None

[OTHER] Photometric Type: C

[OTHER] Luminous shape: Rectangle

[OTHER] Luminous dimensions (feet)

[OTHER] 0 - 180 Axis: 1.4

[OTHER] 90 - 270 Axis: 1.4

[OTHER] Height: 0.4

[OTHER]

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	24543
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)	1.14
Spacing Criterion (90-270)	1.18
Spacing Criterion (Diagonal)	1.16
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.39 ft
Luminous Width (90-270)	1.37 ft
Luminous Height	0.40 ft

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOWBDWT40120-277V_S.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	20193	27843	21464
55	6442	8171	6810
65	2502	2680	2556
75	1205	1083	1215
85	470	338	459

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOWBDWT40120-277V_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	16206.45	16206.45	16206.45	16206.45	16206.45	16206.45	16206.45	16206.45	16206.45	16206.45
2.5	15629.42	15801.52	15588.26	15742.94	15595.27	15437.53	15696.38	15767.19	15589.87	15632.30
5.0	15558.90	15461.95	15590.28	15568.64	15662.81	15535.12	15484.29	15278.78	15536.50	15545.92
7.5	15684.54	15887.25	15819.02	15891.26	15936.50	15746.64	15709.52	15752.47	15494.87	15512.52
10.0	16202.60	16100.42	16106.58	16097.65	16210.36	16014.22	16015.89	15825.16	15680.01	15696.89
12.5	16298.61	16334.32	16225.18	16344.62	16380.42	16259.67	16148.19	15996.91	15904.33	15840.87
15.0	16427.83	16605.60	16474.39	16599.43	16671.00	16668.23	16337.64	16135.39	16016.54	15926.50
17.5	16542.83	16440.54	16648.86	16805.60	16886.78	16877.52	16765.22	16473.05	16183.53	16061.04
20.0	16089.12	16268.33	16498.87	16729.83	16850.86	16976.41	16868.94	16360.47	16052.38	15996.97
22.5	15546.45	15738.17	16066.24	16445.71	16846.36	16944.60	16715.86	16269.59	15897.06	15609.13
25.0	14746.44	14885.62	15231.34	15817.98	16396.51	16638.39	16382.07	15867.96	15347.78	14962.64
27.5	13437.64	13590.85	14263.57	14957.66	15625.23	15922.51	15670.84	15061.67	14378.34	14030.34
30.0	11993.16	12214.81	12902.75	13811.69	14673.51	14937.26	14647.01	13940.32	13227.95	12765.06
32.5	10459.88	10676.96	11362.33	12393.50	13313.49	13691.78	13321.67	12489.77	11645.36	11265.80
35.0	8795.24	9055.45	9804.10	10844.27	11764.04	12176.64	11685.58	10844.95	10004.80	9597.36
37.5	7228.23	7421.91	8157.40	9151.61	9990.63	10300.15	9852.13	9001.46	8273.96	7899.51
40.0	5705.23	5874.10	6541.46	7440.81	8215.59	8392.91	7994.74	7172.99	6477.40	6196.77
42.5	4346.77	4503.88	5069.32	5802.03	6431.95	6572.64	6224.43	5548.69	4978.50	4728.15
45.0	3255.54	3378.78	3814.59	4395.91	4879.05	4949.43	4662.92	4162.54	3676.45	3474.45
47.5	2377.33	2513.11	2809.93	3256.95	3604.34	3625.78	3407.64	3029.70	2676.91	2527.97
50.0	1737.74	1813.35	2060.99	2366.67	2627.17	2658.32	2453.01	2181.64	1935.57	1838.98
52.5	1246.79	1303.98	1504.82	1700.02	1894.31	1874.46	1758.83	1537.09	1364.94	1335.74
55.0	922.48	955.49	1069.72	1214.42	1301.89	1327.61	1239.36	1108.10	1018.29	980.27
57.5	680.04	706.04	787.53	878.19	932.54	940.45	893.83	807.97	758.26	698.75
60.0	522.00	535.63	568.57	640.89	675.32	671.60	652.15	605.83	552.24	534.00
62.5	389.68	410.00	436.07	470.94	496.48	502.87	474.33	444.46	427.14	402.33
65.0	302.37	304.27	328.10	363.75	379.25	373.47	356.59	334.52	315.42	310.93
67.5	232.19	237.22	250.45	266.69	278.93	279.83	275.39	255.65	246.36	237.83
70.0	188.00	189.90	195.45	202.69	210.04	216.24	206.79	197.85	192.64	186.96
72.5	144.32	144.71	150.95	158.25	166.19	154.17	163.03	154.47	150.60	150.79
75.0	114.21	116.36	115.24	122.48	123.74	126.65	123.85	123.19	121.32	116.27
77.5	88.17	94.23	95.48	92.72	96.65	99.81	96.55	97.33	94.25	86.92
80.0	70.78	71.38	72.39	73.16	76.11	75.62	75.15	71.94	72.88	74.73
82.5	50.75	51.11	52.13	51.38	52.06	53.72	52.16	53.14	49.81	52.44
85.0	30.97	31.73	29.96	30.80	29.36	29.76	30.89	30.91	30.13	30.62
87.5	8.08	6.86	6.33	6.73	6.22	5.95	6.34	6.45	6.40	7.10
90.0	0.02	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.00
95.0	0.05	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.5	0.04	0.01	0.04	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	0.01
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	0.01
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOWBDWT40120-277V_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	0.00	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

	100	110	120	130	140	150	160	170	180	190
0.0	16206.45	16206.45	16206.45	16206.45	16206.45	16206.45	16206.45	16206.45	16206.45	16206.45
2.5	15567.66	15619.33	15588.13	15840.97	15589.57	15494.86	15598.28	15425.49	15579.69	15025.25
5.0	15317.45	15107.02	15224.75	15395.33	15535.83	15429.83	15335.75	15344.16	15382.36	15352.29
7.5	15461.93	15400.15	15555.75	15403.58	15516.41	15365.60	15421.92	15348.25	15257.87	15648.81
10.0	15646.07	15678.85	15581.60	15748.35	15731.79	15635.53	15584.02	15612.96	15654.55	15574.54
12.5	15928.73	15760.51	15747.98	15931.27	15857.41	15900.36	15717.21	15751.51	15612.75	15649.22
15.0	15924.56	15867.28	15936.43	16028.71	15969.68	15907.12	15864.92	15824.18	15754.49	15710.22
17.5	16036.32	16080.32	16233.83	16156.52	16154.61	16011.73	15885.47	15661.46	15600.65	15803.88
20.0	15911.68	16018.57	16111.89	16339.72	16366.54	15945.09	15746.17	15455.95	15499.97	15544.83
22.5	15602.36	15837.55	16093.21	16201.53	16027.97	15590.33	15333.37	15017.07	14873.10	15011.07
25.0	15084.47	15359.56	15710.67	15793.21	15607.13	15276.49	14747.34	14306.25	14116.55	14279.57
27.5	14117.75	14507.55	15064.99	15210.56	14984.58	14503.29	13719.97	13251.68	13186.24	13359.17
30.0	12928.32	13445.04	13998.01	14312.60	14042.81	13440.57	12619.53	12054.63	11855.48	12084.91
32.5	11455.63	11957.28	12685.84	13071.69	12901.45	12187.14	11361.65	10704.26	10457.58	10721.35
35.0	9819.92	10370.29	11194.68	11607.45	11500.22	10776.05	9870.56	9146.39	8938.64	9263.78
37.5	8040.69	8699.19	9442.99	9971.72	9922.43	9185.03	8355.98	7673.32	7486.82	7667.32
40.0	6392.94	6910.17	7645.14	8153.87	8180.99	7570.21	6805.51	6192.63	5916.93	6200.63
42.5	4858.27	5290.87	5967.44	6428.62	6501.92	6019.34	5318.87	4828.02	4646.21	4829.53
45.0	3584.63	4002.29	4507.74	4914.35	4915.03	4612.60	4060.05	3638.35	3518.09	3654.12
47.5	2624.96	2912.44	3340.27	3645.33	3713.79	3441.89	3032.76	2678.96	2568.84	2680.16
50.0	1894.20	2109.22	2387.76	2630.71	2693.38	2534.38	2222.64	1981.36	1889.47	2006.92
52.5	1359.44	1533.81	1736.83	1874.62	1905.02	1786.64	1592.59	1436.42	1394.59	1436.73
55.0	1000.09	1099.30	1218.78	1341.46	1362.03	1291.99	1155.49	1040.52	1015.28	1056.39
57.5	723.92	794.04	878.62	955.92	962.05	911.74	827.96	768.52	750.27	763.71
60.0	536.81	604.57	646.29	677.86	711.28	672.90	613.41	562.13	556.12	576.04
62.5	409.74	433.87	474.66	516.31	512.81	499.21	454.26	430.16	420.46	429.19
65.0	317.39	328.53	356.47	379.58	379.20	364.17	351.33	327.87	325.76	325.08
67.5	242.62	245.22	265.09	286.91	286.25	278.61	266.87	251.70	243.56	250.13
70.0	193.81	199.53	212.41	212.40	222.94	213.66	208.48	191.81	197.66	191.79
72.5	150.93	152.44	159.28	162.81	166.37	166.62	157.48	151.92	148.37	151.59
75.0	116.05	120.08	121.32	129.87	126.80	129.10	126.44	119.98	118.05	117.37
77.5	91.89	96.09	99.51	100.75	97.92	96.57	93.37	91.81	91.40	96.99
80.0	73.61	72.19	73.09	73.90	75.01	74.45	77.43	74.88	70.90	73.32

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOWBDWT40120-277V_S.IES

CANDELA TABULATION - (Cont.)

82.5	54.92	55.78	51.15	51.97	51.93	55.28	52.01	54.69	54.29	57.56
85.0	31.02	30.53	29.26	31.23	29.29	31.31	32.05	29.43	32.55	31.30
87.5	6.46	7.02	6.66	6.70	6.11	8.02	7.46	6.60	7.57	7.96
90.0	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.02
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	0.01	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
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	0.00	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	0.01	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	0.01
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	16206.45	16206.45	16206.45	16206.45	16206.45	16206.45	16206.45	16206.45	16206.45	16206.45
2.5	15590.01	15480.98	15797.58	15887.56	15799.65	15475.13	15639.95	15618.66	15718.61	15646.36
5.0	15403.42	15463.87	15554.67	15294.33	15697.53	15385.96	15500.63	15567.40	15236.76	15507.11
7.5	15416.31	15514.02	15516.77	15603.65	15480.87	15593.15	15508.05	15650.71	15658.75	15817.74
10.0	15776.72	15677.69	15722.36	15647.59	15648.67	15723.53	15791.19	15779.92	15926.16	15976.41
12.5	15806.09	15957.57	15884.40	15926.95	15896.44	15951.08	15728.84	15861.34	15943.78	16171.37
15.0	15868.77	16040.29	16145.17	16176.77	16214.90	16031.28	15970.55	16100.97	16225.22	16377.43
17.5	16038.07	16198.15	16342.51	16348.49	16390.11	16126.38	16192.25	16203.73	16315.36	16578.16
20.0	15816.65	16123.01	16253.31	16460.89	16378.60	16387.35	16113.99	16118.55	16370.24	16715.63
22.5	15496.89	15810.40	16179.56	16320.23	16264.16	16084.05	15844.74	15851.02	16017.52	16482.60
25.0	14768.12	15340.34	15756.64	16020.14	15836.73	15486.98	15156.95	15196.41	15398.02	15934.46
27.5	13943.52	14611.12	15202.32	15325.24	15084.04	14732.28	14253.54	14183.11	14519.88	15198.86

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOWBDWT40120-277V_S.IES

CANDELA TABULATION - (Cont.)

30.0	12721.09	13469.95	14259.14	14412.51	14065.69	13451.12	12949.85	12879.73	13261.40	13954.91
32.5	11352.83	12310.00	13051.52	13205.59	12776.43	12049.28	11447.50	11345.63	11776.70	12544.42
35.0	9925.10	10941.80	11636.06	11721.93	11191.06	10406.16	9741.98	9612.30	9954.91	10822.11
37.5	8383.38	9230.39	9974.43	10024.70	9433.24	8621.17	8001.12	7858.79	8141.69	8960.69
40.0	6826.49	7585.49	8243.69	8205.93	7632.16	6855.65	6290.58	6139.13	6433.84	7152.68
42.5	5336.85	6043.52	6528.33	6435.56	5949.98	5243.43	4746.72	4627.46	4909.28	5491.50
45.0	4068.53	4641.79	4977.48	4894.46	4436.58	3943.15	3531.26	3412.32	3618.76	4087.03
47.5	3042.59	3477.69	3711.71	3623.32	3252.95	2874.31	2577.57	2496.24	2640.29	2969.10
50.0	2251.42	2521.73	2700.19	2625.97	2376.09	2082.68	1839.89	1780.35	1901.82	2139.60
52.5	1591.76	1816.52	1916.92	1867.74	1709.06	1487.95	1337.12	1317.39	1360.19	1533.97
55.0	1156.74	1286.88	1356.95	1347.64	1212.03	1077.88	969.47	966.88	1001.06	1115.87
57.5	850.74	921.72	958.97	951.84	869.53	786.85	716.49	705.05	729.75	792.30
60.0	610.34	656.51	698.88	687.71	635.60	582.06	542.88	529.51	542.50	597.55
62.5	462.41	492.46	519.28	513.29	466.90	431.50	405.19	403.37	417.10	445.53
65.0	349.07	366.62	382.06	372.73	357.98	338.49	314.09	302.12	309.09	334.95
67.5	261.58	279.89	284.05	284.53	269.37	260.37	244.54	231.18	244.80	262.05
70.0	210.95	213.21	227.63	217.97	207.69	198.36	189.08	183.07	194.19	200.43
72.5	153.34	164.54	162.29	164.84	159.48	149.94	148.55	144.88	149.48	154.63
75.0	125.56	127.19	129.27	123.65	122.58	120.54	120.33	116.79	120.14	121.24
77.5	99.31	97.76	96.71	100.77	95.07	95.63	91.00	92.46	91.13	94.16
80.0	72.48	74.11	76.57	77.76	75.86	71.18	72.86	72.87	71.78	74.05
82.5	55.52	55.96	54.39	55.19	52.98	55.33	55.01	52.07	52.82	52.70
85.0	30.55	30.36	29.21	30.89	28.59	30.12	30.97	32.21	29.97	31.47
87.5	6.05	6.79	7.41	7.13	6.98	6.51	7.81	7.69	7.29	6.26
90.0	0.03	0.03	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	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.01	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	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.5	0.01	0.01	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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOWBDWT40120-277V_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

	300	310	320	330	340	350	360
0.0	16206.45	16206.45	16206.45	16206.45	16206.45	16206.45	16206.45
2.5	15647.97	15610.50	15885.76	15520.76	15798.70	15598.30	15631.90
5.0	15538.14	15576.39	15423.52	15630.63	15696.85	15569.17	15559.24
7.5	15728.67	15804.98	15879.33	15747.07	15764.93	15907.67	15685.15
10.0	16017.74	15961.10	16157.33	16112.07	16190.80	16153.65	16202.79
12.5	16330.58	16267.31	16367.02	16378.90	16372.31	16334.00	16298.82
15.0	16555.46	16618.60	16752.39	16625.62	16563.97	16508.34	16427.83
17.5	16775.67	16963.36	16987.02	16869.63	16674.50	16415.68	16542.83
20.0	16897.43	17164.53	17143.63	16795.47	16565.62	16354.09	16089.12
22.5	16881.99	17004.05	16965.15	16519.42	16042.32	15662.06	15546.49
25.0	16481.72	16677.68	16569.12	15974.07	15322.49	14890.01	14746.51
27.5	15761.87	16104.80	15931.14	15114.17	14307.39	13678.75	13437.64
30.0	14797.50	15076.92	14802.91	13961.22	13010.24	12237.09	11993.16
32.5	13378.64	13776.10	13430.85	12557.48	11441.51	10674.60	10459.88
35.0	11730.50	12177.55	11879.55	10921.09	9877.34	9122.24	8795.24
37.5	9908.34	10309.35	10083.39	9197.01	8177.63	7412.43	7228.23
40.0	8034.39	8429.30	8255.70	7526.30	6583.23	5906.06	5705.23
42.5	6198.66	6602.57	6445.31	5830.60	5134.42	4519.17	4346.77
45.0	4623.71	4967.17	4883.60	4443.27	3854.63	3374.90	3255.65
47.5	3373.73	3642.29	3618.39	3299.33	2865.52	2516.85	2377.34
50.0	2440.67	2630.11	2597.10	2391.55	2068.55	1809.75	1737.89
52.5	1728.72	1854.78	1859.06	1698.96	1509.52	1327.97	1246.79
55.0	1222.09	1322.75	1307.23	1204.46	1085.60	963.89	922.49
57.5	886.44	937.87	945.17	877.12	779.41	707.97	680.09
60.0	642.08	678.22	684.02	637.47	576.44	533.51	522.00
62.5	470.95	497.10	505.78	479.86	447.42	410.45	389.68
65.0	352.78	376.05	373.56	355.05	335.50	307.16	302.37
67.5	273.13	286.81	276.99	271.17	251.16	237.80	232.19
70.0	208.36	214.21	215.49	207.02	195.49	188.34	188.00
72.5	158.65	162.92	165.90	160.52	155.44	151.04	144.32
75.0	122.93	130.49	127.41	127.15	118.73	114.62	114.21
77.5	94.71	99.58	99.46	100.44	92.13	88.94	88.17
80.0	75.02	72.31	76.24	74.37	76.51	70.16	70.78
82.5	53.56	53.37	54.80	53.35	54.38	54.08	50.77
85.0	30.43	27.63	28.77	27.75	31.91	29.70	30.97
87.5	7.18	7.73	6.32	6.73	7.11	7.16	8.08
90.0	0.01	0.00	0.01	0.01	0.10	0.00	0.02
92.5	0.00	0.00	0.05	0.01	0.01	0.05	0.00
95.0	0.00	0.00	0.00	0.00	0.05	0.06	0.05
97.5	0.00	0.00	0.00	0.00	0.00	0.00	0.04
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.5	0.01	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 : BL736LEDHTHOWBDWT40120-277V_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	0.01	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	0.01	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	0.22	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 : BL736LEDHTHOWBDWT40120-277V_S.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	6084.39	N.A.	24.80
0-30	13109.8	N.A.	53.40
0-40	19583.74	N.A.	79.80
0-60	24011.8	N.A.	97.80
0-80	24507.88	N.A.	99.90
0-90	24542.59	N.A.	100.00
10-90	23048.56	N.A.	93.90
20-40	13499.35	N.A.	55.00
20-50	16821.38	N.A.	68.50
40-70	4789.34	N.A.	19.50
60-80	496.08	N.A.	2.00
70-80	134.81	N.A.	0.50
80-90	34.71	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	0.00	N.A.	0.00
90-180	0.01	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	24542.59	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	1494.03
10-20	4590.36
20-30	7025.42
30-40	6473.93
40-50	3322.03
50-60	1106.03
60-70	361.27
70-80	134.81
80-90	34.71
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

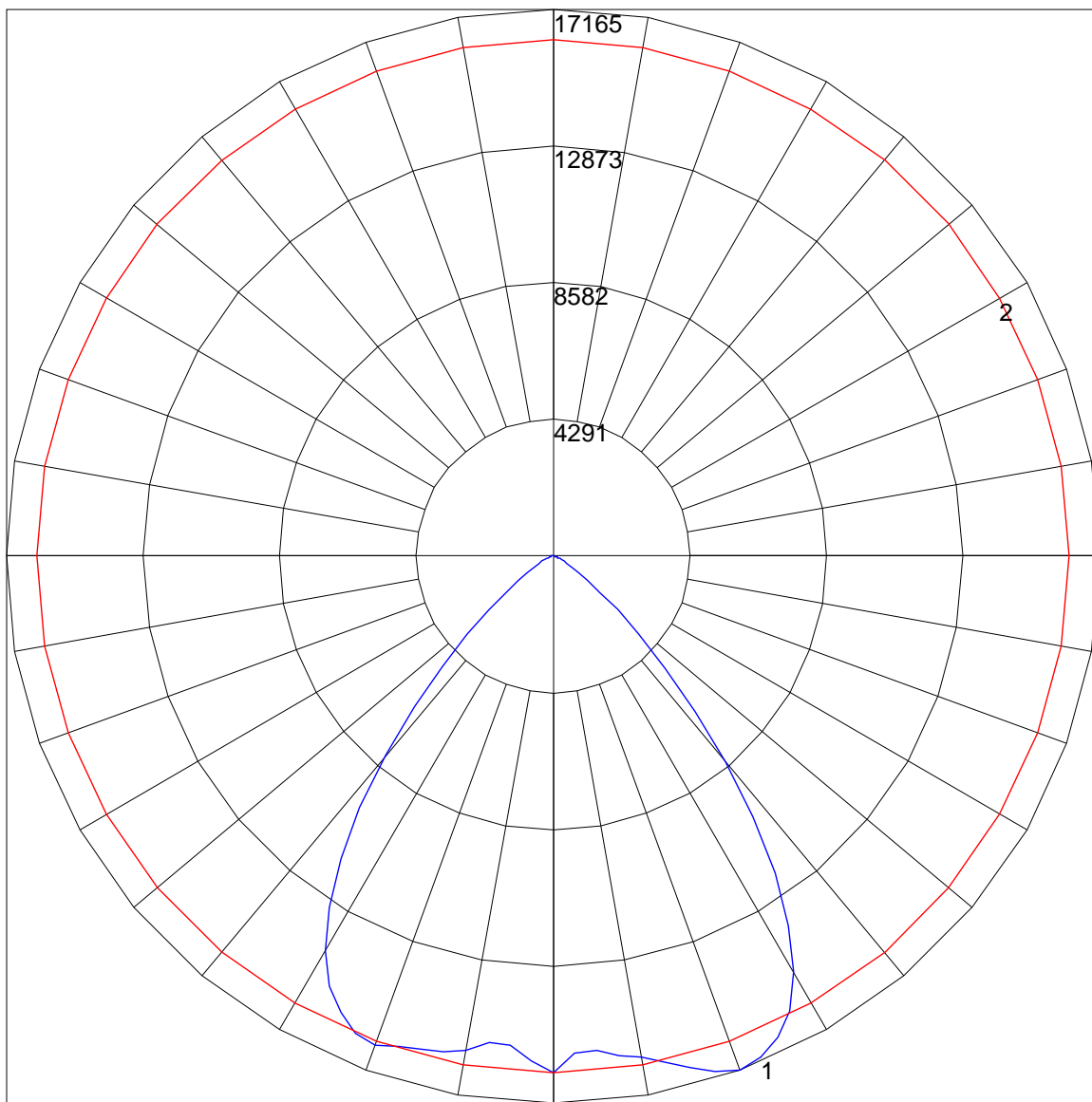
IES INDOOR REPORT
 PHOTOMETRIC FILENAME : BL736LEDHTHOWBDWT40120-277V_S.IES

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 = 17164.53 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 (0)