



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL736LEDHTLOWT35NBD120-277V\_S.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

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

[ISSUEDATE]

[TESTDATE] Thu Feb 16 11:04:40 2017

[MANUFAC] BEGHELLI

[LUMINAIRE] BL736LEDHTLOWT35NBD120-277V

[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: 74.5

[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	15107
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
Total Luminaire Watts	150
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.66
Spacing Criterion (90-270)	0.60
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

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**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3582	3486	3381
55	1336	1183	1316
65	748	598	700
75	459	364	454
85	259	169	207

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**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>
<b>0.0</b>	31588.02	31588.02	31588.02	31588.02	31588.02	31588.02	31588.02	31588.02	31588.02	31588.02
<b>2.5</b>	29851.97	29855.81	29895.96	30130.19	30277.72	30142.54	30173.70	30084.50	30217.63	30364.29
<b>5.0</b>	29332.49	29251.27	29147.24	28883.04	28849.80	28865.59	28930.28	28927.51	28798.24	28738.40
<b>7.5</b>	28051.23	28030.42	27785.21	27816.23	27652.47	27411.17	27072.85	27085.53	27078.06	27083.19
<b>10.0</b>	26323.25	26363.98	26187.07	26026.36	25659.41	25450.38	25142.25	24959.38	24752.47	24858.79
<b>12.5</b>	24367.91	24110.22	23967.81	23698.43	23345.21	22980.51	22597.73	22323.47	22103.77	22001.93
<b>15.0</b>	21792.48	21664.31	21413.67	20988.60	20564.93	20171.55	19756.28	19372.67	19249.14	19265.83
<b>17.5</b>	19036.82	18859.35	18650.20	18200.67	17760.36	17278.10	16880.63	16555.91	16367.95	16310.68
<b>20.0</b>	16047.35	15871.51	15680.82	15301.89	14849.96	14359.06	13994.09	13669.35	13486.29	13503.89
<b>22.5</b>	13036.72	12947.63	12797.91	12363.16	12008.80	11627.31	11266.70	11044.70	10820.74	10836.30
<b>25.0</b>	10226.17	10185.45	9967.65	9772.45	9423.08	9149.71	8884.96	8706.96	8496.51	8509.54
<b>27.5</b>	7594.04	7608.89	7529.52	7405.15	7184.42	6997.01	6817.83	6641.15	6483.28	6415.83
<b>30.0</b>	5470.87	5490.90	5465.21	5452.47	5390.05	5169.19	5047.83	4871.40	4722.94	4684.86
<b>32.5</b>	3808.82	3850.01	3881.42	3913.41	3868.32	3765.94	3647.81	3485.04	3389.96	3363.07
<b>35.0</b>	2591.07	2598.86	2685.97	2728.67	2738.52	2668.95	2578.90	2445.87	2343.07	2340.26
<b>37.5</b>	1755.59	1761.23	1821.81	1871.48	1914.82	1857.92	1796.54	1684.39	1636.42	1615.19
<b>40.0</b>	1176.51	1187.01	1233.68	1278.66	1298.03	1281.25	1214.62	1149.82	1119.48	1093.18
<b>42.5</b>	822.14	832.62	842.56	876.29	899.09	876.86	834.87	804.10	762.40	777.08
<b>45.0</b>	577.51	587.87	597.14	604.31	621.66	609.02	598.44	568.19	559.99	547.34
<b>47.5</b>	425.73	432.40	438.97	436.95	442.81	439.56	429.92	424.94	406.05	413.63
<b>50.0</b>	321.29	318.94	318.70	325.80	317.51	325.58	316.44	313.70	305.84	315.78
<b>52.5</b>	245.07	243.82	250.65	250.96	240.91	242.29	242.75	242.96	242.63	235.74
<b>55.0</b>	191.34	194.73	195.22	191.47	194.27	186.31	190.97	190.73	183.31	189.48
<b>57.5</b>	152.46	155.86	152.36	150.59	153.27	151.91	153.21	146.61	155.92	150.08
<b>60.0</b>	124.14	121.37	121.57	121.96	117.57	124.53	120.48	121.90	122.39	123.64
<b>62.5</b>	102.95	101.99	104.95	96.59	101.10	99.79	101.37	97.22	100.58	104.84
<b>65.0</b>	90.43	86.18	84.55	84.30	83.59	84.32	84.27	81.99	85.41	85.11
<b>67.5</b>	74.90	70.98	72.88	73.21	68.98	71.14	70.05	68.81	70.47	71.54
<b>70.0</b>	60.91	61.45	61.99	58.13	59.21	56.79	57.21	59.42	59.07	60.26
<b>72.5</b>	52.22	52.27	52.77	52.07	48.69	48.74	48.66	50.14	51.69	50.42
<b>75.0</b>	43.50	43.81	43.87	42.70	42.60	41.50	41.86	42.15	40.68	43.44
<b>77.5</b>	37.72	35.74	37.21	37.00	33.40	35.24	34.12	34.98	32.56	35.24
<b>80.0</b>	32.33	31.93	32.28	30.37	29.89	27.86	30.30	29.06	28.31	29.77
<b>82.5</b>	27.04	26.00	24.43	23.42	24.74	20.67	23.15	22.11	23.05	22.98
<b>85.0</b>	17.06	15.35	15.56	16.77	15.04	14.51	14.24	14.88	12.86	13.82
<b>87.5</b>	3.17	3.43	2.94	3.37	3.38	3.91	3.84	3.37	2.78	3.43
<b>90.0</b>	0.02	0.03	0.01	0.00	0.03	0.00	0.01	0.00	0.00	0.01
<b>92.5</b>	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>95.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>97.5</b>	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>100.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>102.5</b>	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
<b>105.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>107.5</b>	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>110.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>112.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>115.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>117.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>120.0</b>	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>122.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>125.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>127.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>130.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>132.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31588.02	31588.02	31588.02	31588.02	31588.02	31588.02	31588.02	31588.02	31588.02	31588.02
2.5	30153.72	30126.44	30394.31	30175.41	30449.18	30455.03	30489.05	29970.57	30532.78	30394.23
5.0	28754.81	28877.72	29109.13	29088.62	29253.40	29277.74	29437.29	29578.57	29538.15	29647.48
7.5	27190.21	27458.02	27448.34	27726.94	28057.99	28255.32	28374.08	28429.78	28604.25	28420.72
10.0	24989.54	25274.15	25514.85	25862.02	26182.60	26627.85	26797.57	26924.35	26962.36	26927.17
12.5	22134.21	22488.41	22975.80	23305.16	23803.66	24134.82	24511.41	24833.94	24931.58	24707.75
15.0	19479.04	19673.63	20154.98	20646.48	21040.68	21518.46	21981.96	22154.21	22284.32	22098.91
17.5	16510.22	16777.90	17152.90	17732.32	18084.54	18537.92	18959.91	19161.25	19244.00	19154.18
20.0	13657.57	13829.84	14251.42	14699.98	15081.96	15434.40	15761.50	16028.04	16048.80	15916.54
22.5	10978.65	11227.33	11507.69	11890.21	12138.82	12420.23	12648.16	12827.23	12900.92	12782.32
25.0	8609.61	8787.60	9095.59	9292.36	9470.67	9650.82	9791.48	9886.41	9895.27	9808.70
27.5	6541.85	6715.80	6883.77	7035.29	7178.58	7292.27	7292.36	7302.56	7330.91	7281.10
30.0	4759.19	4913.05	5106.82	5216.67	5258.12	5274.27	5264.82	5219.86	5200.43	5190.34
32.5	3408.61	3549.66	3683.43	3727.72	3776.92	3752.46	3705.36	3650.29	3627.54	3595.57
35.0	2367.25	2462.31	2576.31	2642.12	2672.47	2599.16	2548.14	2475.44	2447.03	2470.89
37.5	1615.09	1690.44	1773.04	1821.77	1846.14	1805.64	1728.84	1684.01	1670.98	1685.93
40.0	1116.98	1139.50	1203.96	1246.29	1269.53	1248.98	1181.67	1144.59	1132.77	1133.59
42.5	777.25	813.92	831.02	853.43	867.31	850.51	819.55	780.91	777.78	781.82
45.0	557.97	562.82	579.46	598.99	605.76	593.90	572.22	566.28	552.14	571.02
47.5	407.54	419.64	425.00	424.03	435.21	430.22	408.29	407.66	414.06	412.42
50.0	306.36	312.39	308.69	320.91	328.74	314.62	307.78	311.13	312.70	311.98
52.5	242.62	241.56	238.36	241.92	241.42	240.38	237.01	235.56	240.05	235.04
55.0	187.52	186.94	187.94	187.03	189.10	192.04	185.24	187.25	185.17	182.00
57.5	150.53	148.73	150.64	147.93	148.67	156.51	152.46	149.48	147.40	148.46
60.0	124.15	122.76	124.62	120.37	118.00	120.80	117.37	117.78	123.19	121.84
62.5	100.68	100.37	100.38	95.41	96.68	99.15	97.95	101.28	101.63	100.06
65.0	83.80	85.11	83.53	82.94	81.88	80.95	84.86	84.49	86.82	84.02
67.5	69.15	69.54	71.26	70.67	68.73	70.86	71.07	71.65	69.57	73.51
70.0	61.03	59.20	60.87	58.67	58.49	58.72	61.54	61.30	60.92	60.51
72.5	54.54	51.83	48.81	51.32	46.77	50.23	51.47	53.36	52.08	49.11
75.0	43.62	41.39	42.50	41.43	40.70	44.22	42.76	44.06	46.15	43.85
77.5	34.85	32.53	35.05	34.45	36.43	36.80	35.20	37.09	38.54	38.22
80.0	30.53	28.27	28.24	27.97	31.21	29.59	30.32	31.45	31.69	31.90

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**CANDELA TABULATION - (Cont.)**

82.5	23.15	23.35	22.76	23.92	24.65	23.59	26.46	25.24	27.09	25.46
85.0	13.88	14.11	15.37	14.71	16.41	15.56	16.15	17.34	16.93	16.81
87.5	3.04	3.39	3.36	3.61	3.35	3.37	3.66	3.40	2.87	3.19
90.0	0.00	0.01	0.00	0.00	0.00	0.00	0.04	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	0.01	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	0.00
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	31588.02	31588.02	31588.02	31588.02	31588.02	31588.02	31588.02	31588.02	31588.02	31588.02
2.5	30432.47	30213.14	30351.21	30037.23	30048.07	30296.17	30248.64	30200.16	30287.62	30161.07
5.0	29243.30	29326.33	29194.65	28949.84	28757.69	28784.90	28623.23	28622.40	28674.00	28574.67
7.5	28395.22	28217.00	27929.45	27738.91	27209.94	27000.04	26975.64	26902.88	26982.67	26919.58
10.0	26782.98	26380.57	26058.90	25712.46	25342.87	24965.59	24802.77	24713.91	24740.98	24729.59
12.5	24470.75	24046.44	23600.99	23232.86	22749.02	22308.53	22008.42	22007.98	21880.95	22060.10
15.0	21886.32	21383.19	20873.12	20398.85	19839.93	19493.91	19198.31	18998.66	19074.99	19381.37
17.5	18901.60	18444.24	17950.16	17442.97	17080.06	16578.36	16326.03	16147.39	16189.72	16404.95
20.0	15756.23	15389.51	14989.91	14503.05	14169.57	13787.18	13557.66	13291.39	13389.90	13607.26
22.5	12605.93	12385.54	12010.53	11791.30	11455.49	11176.06	10895.95	10769.92	10795.34	11018.24
25.0	9747.61	9621.80	9402.98	9258.96	9053.67	8792.18	8589.99	8471.01	8509.61	8623.35
27.5	7224.26	7250.64	7186.16	7045.24	6862.42	6692.08	6502.31	6389.92	6467.04	6583.80

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL736LEDHTLOWT35NBD120-277V\_S.IES**

**CANDELA TABULATION - (Cont.)**

30.0	5204.12	5248.66	5233.50	5221.46	5068.85	4921.49	4732.34	4730.27	4738.17	4859.51
32.5	3660.67	3742.47	3767.13	3752.84	3651.37	3551.36	3410.93	3358.85	3393.52	3494.88
35.0	2546.02	2623.41	2669.61	2630.93	2576.34	2494.22	2366.94	2347.63	2365.83	2446.08
37.5	1729.01	1812.12	1839.22	1815.82	1777.80	1702.03	1637.99	1610.06	1635.37	1699.49
40.0	1184.08	1224.35	1248.91	1258.12	1212.10	1165.22	1132.93	1100.02	1134.72	1169.47
42.5	806.30	845.31	864.05	854.73	827.45	799.71	787.27	778.05	781.24	800.56
45.0	579.08	591.13	600.97	594.58	586.50	572.08	554.53	559.12	559.02	577.74
47.5	414.70	429.95	435.00	434.89	423.48	421.61	411.09	414.47	409.49	414.86
50.0	307.81	322.25	317.41	322.97	318.89	312.92	312.85	315.03	306.48	309.90
52.5	238.35	240.68	242.12	248.74	244.82	242.57	244.42	244.86	244.55	239.93
55.0	187.14	187.16	186.72	187.93	195.60	186.37	192.70	192.76	193.52	190.29
57.5	149.10	145.93	151.14	154.99	150.53	153.13	153.06	151.86	150.78	148.26
60.0	119.06	117.19	118.16	120.50	118.13	123.17	120.46	123.81	121.37	125.27
62.5	97.07	99.16	101.12	98.80	100.00	99.87	103.31	100.58	101.68	99.35
65.0	83.66	82.67	81.84	83.89	82.41	84.70	84.24	83.60	87.14	83.37
67.5	73.77	68.64	67.80	69.19	68.74	74.08	73.06	71.91	71.75	70.51
70.0	58.56	60.49	57.60	58.58	58.75	60.71	60.95	60.80	61.60	58.85
72.5	50.92	50.68	48.99	50.33	48.35	49.41	49.41	52.01	50.01	50.32
75.0	42.86	41.77	40.74	42.11	42.82	42.90	42.29	42.16	41.99	41.40
77.5	36.39	35.31	34.20	35.70	35.11	34.65	34.51	36.37	33.67	34.69
80.0	31.03	27.89	29.02	28.62	29.97	28.07	28.69	28.69	28.73	27.72
82.5	24.32	24.00	22.35	21.94	22.46	23.18	21.83	22.18	25.08	21.88
85.0	15.91	16.86	14.25	15.09	15.32	14.68	13.57	15.26	14.42	14.19
87.5	3.73	2.98	3.94	3.91	3.97	3.29	3.16	3.31	3.61	3.60
90.0	0.00	0.00	0.00	0.00	0.00	0.01	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	0.00
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 : BL736LEDHTLOWT35NBD120-277V\_S.IES**

**CANDELA TABULATION - (Cont.)**

<b>170.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>172.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>175.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>177.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>180.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Vert. Horizontal Angles**  
**Angles**

	<b>300</b>	<b>310</b>	<b>320</b>	<b>330</b>	<b>340</b>	<b>350</b>	<b>360</b>
<b>0.0</b>	31588.02	31588.02	31588.02	31588.02	31588.02	31588.02	31588.02
<b>2.5</b>	29826.62	29891.70	30062.41	29964.01	30056.39	30172.26	29852.55
<b>5.0</b>	28899.53	28733.54	28976.02	28994.31	29195.81	28909.67	29332.49
<b>7.5</b>	27101.03	27327.07	27328.89	27591.79	27820.12	27879.08	28051.31
<b>10.0</b>	24979.41	25270.17	25647.51	25910.22	26070.64	26416.45	26323.25
<b>12.5</b>	22498.37	22815.98	23121.23	23544.81	23856.76	24076.33	24367.91
<b>15.0</b>	19715.04	19977.06	20421.91	20892.71	21340.50	21643.50	21792.58
<b>17.5</b>	16692.66	17136.40	17689.94	18080.77	18506.68	18878.60	19036.90
<b>20.0</b>	13954.74	14328.30	14668.60	15192.02	15578.68	15791.11	16047.35
<b>22.5</b>	11241.01	11507.21	11914.29	12266.33	12595.07	12884.54	13036.81
<b>25.0</b>	8860.22	9131.12	9406.71	9686.44	10004.36	10115.15	10226.17
<b>27.5</b>	6812.85	6998.07	7241.29	7322.87	7448.90	7575.94	7594.04
<b>30.0</b>	5030.15	5195.50	5329.79	5427.24	5441.26	5467.74	5470.87
<b>32.5</b>	3642.05	3765.27	3879.27	3897.06	3860.16	3822.95	3808.82
<b>35.0</b>	2570.81	2708.84	2733.50	2713.00	2669.10	2612.96	2591.07
<b>37.5</b>	1793.01	1872.98	1883.36	1881.60	1803.68	1788.54	1755.62
<b>40.0</b>	1221.82	1279.99	1315.38	1266.52	1233.44	1193.23	1176.55
<b>42.5</b>	838.48	884.24	895.91	882.04	844.10	822.79	822.14
<b>45.0</b>	598.00	615.82	628.34	607.82	587.30	591.35	577.53
<b>47.5</b>	431.95	429.94	438.75	436.78	432.54	428.04	425.73
<b>50.0</b>	317.64	329.72	323.59	325.43	319.62	316.06	321.32
<b>52.5</b>	241.28	241.66	251.02	246.80	249.24	245.00	245.07
<b>55.0</b>	190.33	187.55	193.94	196.56	192.76	198.42	191.34
<b>57.5</b>	150.33	147.38	154.84	150.73	150.22	152.58	152.48
<b>60.0</b>	123.36	122.51	120.96	121.40	120.71	120.24	124.18
<b>62.5</b>	101.12	101.11	97.99	99.19	102.79	100.47	102.98
<b>65.0</b>	83.25	81.08	83.68	85.57	83.92	85.72	90.46
<b>67.5</b>	68.44	68.86	70.96	71.03	72.48	73.20	74.90
<b>70.0</b>	58.77	59.59	57.47	61.84	59.93	59.91	60.97
<b>72.5</b>	51.35	48.63	50.68	52.28	49.27	51.11	52.22
<b>75.0</b>	41.78	42.72	43.74	41.52	44.29	44.27	43.50
<b>77.5</b>	34.07	34.98	35.21	34.58	37.10	37.29	37.72
<b>80.0</b>	31.61	30.29	29.91	31.02	29.89	30.71	32.36
<b>82.5</b>	23.51	23.94	23.54	25.16	25.89	27.39	27.04
<b>85.0</b>	14.40	16.30	15.75	15.11	16.42	16.97	17.06
<b>87.5</b>	3.47	4.21	3.36	2.93	3.00	3.17	3.17
<b>90.0</b>	0.00	0.00	0.03	0.00	0.00	0.00	0.02
<b>92.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.01
<b>95.0</b>	0.00	0.00	0.00	0.00	0.00	0.03	0.00
<b>97.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>100.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>102.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>105.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>107.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.02
<b>110.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>112.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>115.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : BL736LEDHTLOWT35NBD120-277V\_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 : BL736LEDHTLOWT35NBD120-277V\_S.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	8302.09	N.A.	55.00
0-30	12583.95	N.A.	83.30
0-40	14288.12	N.A.	94.60
0-60	14959.79	N.A.	99.00
0-80	15091.00	N.A.	99.90
0-90	15106.66	N.A.	100.00
10-90	12433.64	N.A.	82.30
20-40	5986.03	N.A.	39.60
20-50	6479.32	N.A.	42.90
40-70	757.11	N.A.	5.00
60-80	131.20	N.A.	0.90
70-80	45.77	N.A.	0.30
80-90	15.67	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	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	15106.66	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	2673.02
10-20	5629.06
20-30	4281.86
30-40	1704.17
40-50	493.30
50-60	178.38
60-70	85.44
70-80	45.77
80-90	15.67
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

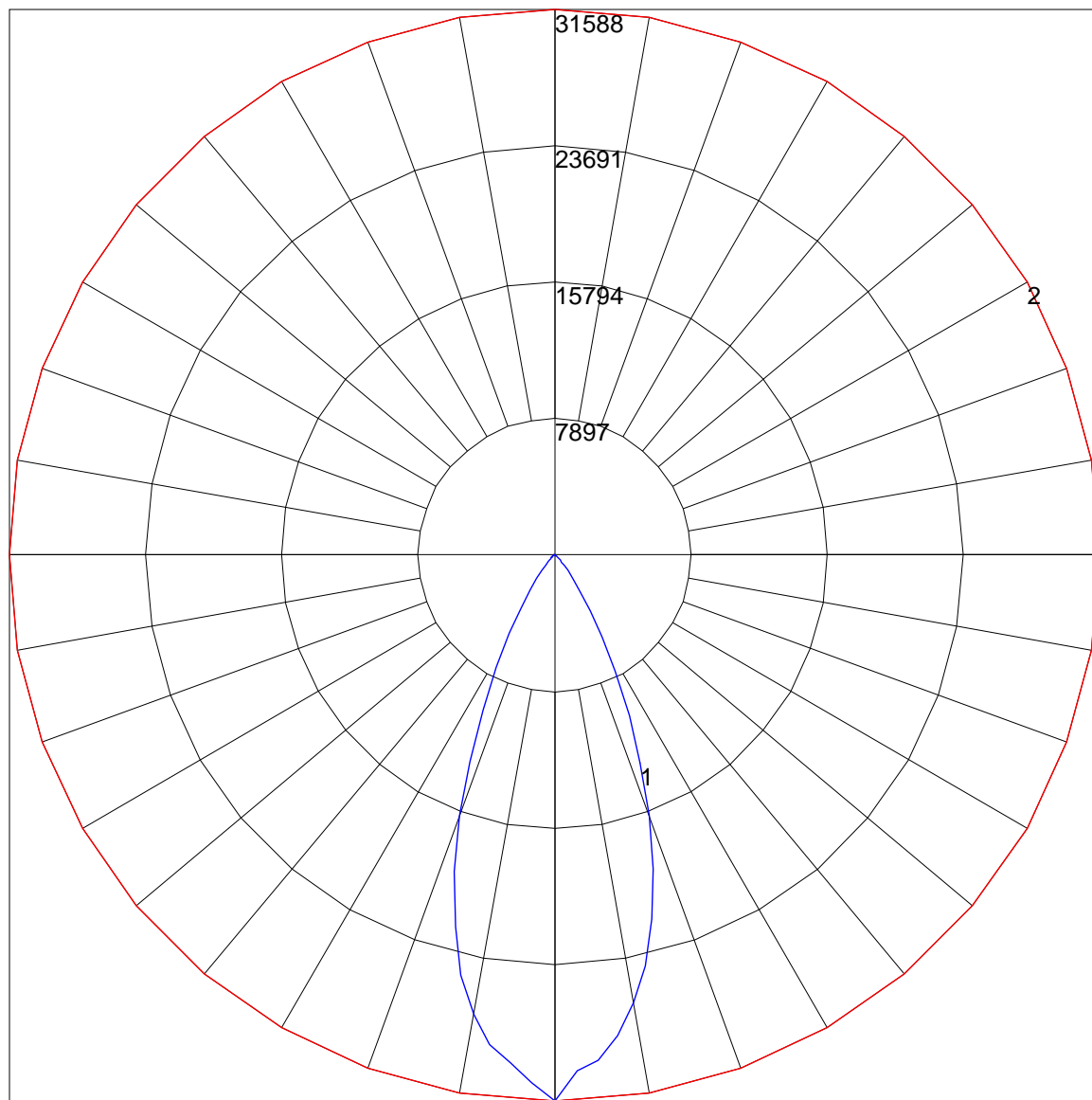
IES INDOOR REPORT  
 PHOTOMETRIC FILENAME : BL736LEDHTLOWT35NBD120-277V\_S.IES

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	90	102	97	93	90	95	91	88	92	89	87	90	88	86	84
4	100	93	88	84	98	92	87	84	90	86	83	88	85	82	86	83	81	80
5	96	88	83	79	94	87	82	79	86	81	78	84	80	77	82	79	77	75
6	92	84	78	75	90	83	78	74	82	77	74	80	76	73	79	76	73	72
7	88	80	74	71	87	79	74	71	78	73	70	77	73	70	76	72	69	68
8	84	76	71	67	83	76	70	67	74	70	67	74	69	66	73	69	66	65
9	81	73	67	64	80	72	67	64	71	67	64	70	66	63	70	66	63	62
10	78	70	64	61	77	69	64	61	68	64	61	68	64	61	67	63	60	59

POLAR GRAPH



Maximum Candela = 31588.02 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) (Through Max. Cd.)