



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL736LEDHTHOWT40NBD120-277V\_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] Wed Feb 15 15:02:23 2017

[MANUFAC] BEGHELLI

[LUMINAIRE] BL736LEDHTHOWT40NBD120-277V

[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: 58.6

[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

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	23774
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	103
Total Luminaire Watts	230
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.66
Spacing Criterion (90-270)	0.58
Spacing Criterion (Diagonal)	0.64
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.39 ft
Luminous Width (90-270)	1.37 ft
Luminous Height	0.40 ft

**IES INDOOR REPORT****PHOTOMETRIC FILENAME : BL736LEDHTHOWT40NBD120-277V\_S.IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5610	5362	5294
55	2044	1848	2028
65	1092	913	1093
75	737	565	703
85	346	236	348

**IES INDOOR REPORT**  
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**CANDELA TABULATION**

	<b>0</b>	<b>10</b>	<b>20</b>	<b>30</b>	<b>40</b>	<b>50</b>	<b>60</b>	<b>70</b>	<b>80</b>	<b>90</b>
<b>0.0</b>	50367.25	50367.25	50367.25	50367.25	50367.25	50367.25	50367.25	50367.25	50367.25	50367.25
<b>2.5</b>	48285.88	48799.53	48409.21	48288.97	48612.75	48250.10	48546.43	48295.16	48206.35	48018.55
<b>5.0</b>	46955.32	47149.44	46769.77	46796.23	46768.55	46163.85	46254.42	45856.45	45722.96	45680.73
<b>7.5</b>	45328.73	45242.95	44931.86	44440.86	43938.08	43820.15	43295.10	42880.77	42583.30	42724.94
<b>10.0</b>	42613.77	42507.81	42090.32	41271.00	41164.02	40325.07	39819.66	39495.45	38972.88	38818.94
<b>12.5</b>	39192.11	38980.63	38394.69	37924.87	37090.65	36175.82	35541.72	34590.81	34390.33	34419.22
<b>15.0</b>	35056.00	34799.35	34165.26	33458.36	32622.20	31611.56	30903.02	30329.10	29717.60	29718.21
<b>17.5</b>	30300.73	30114.08	29458.13	28806.38	27855.85	27080.48	26149.93	25571.91	25032.64	24973.95
<b>20.0</b>	25373.53	25123.17	24573.33	23805.75	22934.61	22397.60	21521.70	21073.67	20638.08	20644.26
<b>22.5</b>	20433.77	20354.47	19796.01	19158.91	18657.23	18034.78	17462.09	16973.17	16656.68	16598.72
<b>25.0</b>	15758.06	15722.32	15336.85	15054.05	14543.65	14116.36	13759.01	13508.02	13250.14	12979.45
<b>27.5</b>	11844.10	11691.97	11558.68	11361.22	11046.31	10819.24	10466.61	10262.48	9993.12	9860.07
<b>30.0</b>	8428.66	8399.31	8351.99	8309.71	8172.40	7963.30	7763.41	7584.34	7350.03	7220.30
<b>32.5</b>	5891.89	5850.58	5912.58	5909.95	5915.91	5812.06	5563.30	5469.13	5254.29	5216.48
<b>35.0</b>	4011.93	4014.27	4061.88	4155.69	4206.70	4121.46	3966.41	3811.15	3685.35	3631.70
<b>37.5</b>	2710.16	2724.20	2812.09	2855.88	2893.51	2858.34	2760.97	2617.31	2525.19	2490.85
<b>40.0</b>	1833.80	1858.00	1889.75	1941.28	1982.95	1945.80	1877.97	1791.07	1748.60	1731.97
<b>42.5</b>	1266.11	1251.74	1304.78	1319.89	1368.51	1350.43	1287.24	1249.16	1224.88	1221.52
<b>45.0</b>	904.49	891.36	906.54	944.22	952.66	940.15	920.59	883.06	874.46	856.95
<b>47.5</b>	643.63	649.29	655.79	676.70	687.02	691.68	671.67	634.53	649.22	647.30
<b>50.0</b>	486.89	491.00	494.94	506.83	512.79	503.24	501.89	488.99	489.24	486.04
<b>52.5</b>	381.68	384.57	379.40	378.34	382.27	378.43	385.60	374.00	382.22	386.35
<b>55.0</b>	292.72	297.29	294.16	293.37	295.01	299.56	294.23	300.42	302.77	291.92
<b>57.5</b>	235.55	236.42	242.11	229.61	233.07	235.55	233.03	238.57	237.22	243.09
<b>60.0</b>	191.13	186.20	191.57	185.24	187.63	194.56	191.97	193.73	191.23	196.32
<b>62.5</b>	156.45	157.59	153.02	158.97	160.18	153.05	159.41	162.18	160.64	162.81
<b>65.0</b>	131.91	134.15	133.20	127.23	126.88	129.41	134.26	132.58	130.12	133.01
<b>67.5</b>	113.35	111.78	109.22	109.48	111.14	105.56	112.38	110.79	116.38	118.26
<b>70.0</b>	94.32	91.51	95.19	94.42	89.08	91.61	94.22	95.02	96.63	94.54
<b>72.5</b>	81.28	84.07	78.22	76.61	78.41	76.71	78.49	77.82	80.95	78.95
<b>75.0</b>	69.86	66.87	65.62	64.89	64.21	66.44	63.64	65.64	66.19	67.27
<b>77.5</b>	56.64	56.61	53.17	51.99	55.41	54.26	57.29	53.82	55.48	54.90
<b>80.0</b>	44.79	44.59	45.48	46.23	44.16	44.98	45.17	44.40	46.21	43.15
<b>82.5</b>	36.28	37.64	35.49	35.87	33.12	33.16	35.26	36.03	35.17	36.67
<b>85.0</b>	22.80	22.93	19.07	21.55	22.25	18.98	20.75	20.68	21.52	23.22
<b>87.5</b>	4.92	4.82	4.81	4.16	3.97	4.88	4.83	4.39	5.07	5.24
<b>90.0</b>	0.00	0.06	0.11	0.00	0.01	0.05	0.00	0.00	0.00	0.01
<b>92.5</b>	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00
<b>95.0</b>	0.05	0.00	0.04	0.00	0.00	0.01	0.00	0.00	0.00	0.00
<b>97.5</b>	0.00	0.00	0.04	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	0.00	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	0.00	0.00	0.00
<b>107.5</b>	0.00	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	0.00	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	0.01	0.00	0.00	0.00	0.00
<b>127.5</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
<b>130.0</b>	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
<b>132.5</b>	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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**CANDELA TABULATION - (Cont.)**

135.0	0.01	0.01	0.00	0.00	0.00	0.01	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	0.01	0.00	0.01	0.00
142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.02	0.00	0.00	0.07	0.01	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.06	0.18	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.01	0.03	0.01	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.03	0.02	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.01	0.04	0.02	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	0.09	0.00	0.19	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	50367.25	50367.25	50367.25	50367.25	50367.25	50367.25	50367.25	50367.25	50367.25	50367.25
2.5	47874.92	48162.27	48098.69	48620.84	48591.82	48722.55	48534.18	48409.05	48251.65	48830.79
5.0	45740.86	45594.58	45899.52	46146.94	46443.70	46816.13	46708.16	46919.00	47085.49	47077.48
7.5	42720.79	42989.00	43205.61	43618.70	44137.93	44615.17	44985.14	45160.45	45449.41	45509.57
10.0	38928.40	39197.21	39740.38	40281.50	41034.22	41643.74	42291.02	42426.66	42945.44	42481.69
12.5	34442.80	34905.14	35497.13	36144.87	37019.84	37889.84	38505.43	38854.96	39147.26	39210.30
15.0	29842.64	30287.40	30887.67	31741.29	32684.84	33481.21	34477.88	34891.05	35146.64	35074.58
17.5	25238.04	25558.05	26242.45	27094.76	28068.44	28850.54	29760.20	30338.94	30453.50	30460.34
20.0	20722.92	21110.13	21616.69	22377.28	23107.94	23941.34	24786.92	25227.49	25640.52	25398.43
22.5	16660.06	17002.26	17601.13	18076.70	18607.04	19422.36	20053.30	20576.43	20745.28	20606.01
25.0	13166.82	13403.91	13811.78	14234.17	14676.20	15172.43	15579.42	15888.59	16038.53	16094.51
27.5	10006.89	10215.02	10585.79	10879.18	11139.11	11455.13	11713.23	11874.38	11988.92	11983.74
30.0	7365.71	7594.56	7808.87	8062.34	8222.22	8360.76	8470.88	8499.35	8557.01	8575.63
32.5	5280.08	5480.92	5664.04	5862.73	6006.08	6027.10	6001.24	5934.66	5942.02	5950.30
35.0	3701.10	3831.53	3961.52	4154.20	4202.76	4212.69	4119.32	4076.98	4056.76	4071.55
37.5	2540.36	2634.92	2759.61	2875.77	2915.86	2854.87	2779.44	2714.07	2744.27	2786.53
40.0	1748.70	1829.15	1912.12	1985.63	2002.19	1959.49	1921.41	1846.95	1861.46	1862.71
42.5	1223.71	1256.57	1314.35	1365.53	1372.75	1330.01	1293.84	1273.37	1285.86	1291.22
45.0	884.44	890.34	923.33	942.40	963.80	961.19	924.14	905.71	903.47	901.96
47.5	650.40	654.84	664.96	691.99	694.98	682.51	674.87	652.16	671.84	672.31
50.0	488.68	498.23	498.88	507.72	504.26	509.82	502.96	494.35	500.27	497.75
52.5	377.93	377.38	380.15	384.44	387.20	384.97	380.99	387.53	384.57	384.37
55.0	298.29	288.12	292.91	295.54	304.79	299.92	303.14	300.13	303.85	305.27
57.5	242.15	236.81	238.14	236.58	238.37	234.36	231.30	241.25	234.14	232.65
60.0	198.21	192.36	187.68	188.80	193.85	190.03	194.03	193.74	191.07	195.06
62.5	161.81	158.04	154.02	156.16	157.33	156.11	159.54	159.95	164.02	160.39
65.0	134.32	127.97	130.48	132.66	129.80	132.08	135.83	137.81	137.33	129.67
67.5	115.01	111.07	111.99	110.53	107.31	108.97	110.99	116.80	117.03	111.43
70.0	95.64	93.67	95.81	95.64	90.87	93.91	94.37	94.99	93.31	94.01
72.5	80.81	77.02	76.25	78.27	76.98	77.12	79.33	81.69	83.06	80.65
75.0	67.70	67.79	66.00	64.86	65.27	65.24	66.33	73.32	67.44	67.27
77.5	55.71	54.68	55.49	56.47	50.83	54.36	55.56	56.42	55.79	54.24
80.0	45.34	44.75	43.26	45.75	45.95	48.88	44.97	47.01	44.77	44.44

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**CANDELA TABULATION - (Cont.)**

82.5	36.10	36.79	33.04	34.57	33.24	36.03	35.15	35.83	34.78	35.76
85.0	21.70	20.66	21.48	20.03	21.22	20.48	20.69	21.28	20.97	21.01
87.5	4.35	4.93	4.33	4.09	4.36	4.92	4.55	4.39	5.24	4.65
90.0	0.00	0.04	0.00	0.04	0.05	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	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	0.01
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	0.01	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	0.01	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	50367.25	50367.25	50367.25	50367.25	50367.25	50367.25	50367.25	50367.25	50367.25	50367.25
2.5	48944.59	48848.08	48742.26	48472.50	48650.38	48582.32	48395.47	48510.86	48792.03	48803.74
5.0	47015.52	46845.46	46538.06	46637.37	46275.92	46395.53	46562.60	46472.43	46027.45	46634.34
7.5	45175.18	44781.63	44870.36	44307.25	44090.94	43517.48	43465.67	43464.78	43337.29	43520.21
10.0	42446.93	42262.15	41591.26	41202.19	40448.84	40104.70	39714.56	39502.08	39720.78	40009.68
12.5	38876.17	38378.82	37756.31	36812.65	36386.54	35880.06	35192.99	35017.95	35255.64	35464.58
15.0	34579.67	34024.28	33305.05	32300.54	31624.63	30867.76	30346.73	30272.68	30467.48	30757.36
17.5	30033.21	29315.30	28552.47	27567.80	26737.24	26105.97	25492.09	25370.59	25553.92	25978.26
20.0	25199.59	24464.20	23546.25	22710.46	22044.69	21263.86	20945.39	20788.43	20981.79	21436.62
22.5	20228.65	19623.44	18980.02	18312.34	17655.99	17119.65	16817.04	16515.26	16719.73	17145.54
25.0	15788.36	15335.64	14861.99	14364.76	13870.92	13344.64	13058.76	12824.82	12991.41	13394.43
27.5	11818.20	11552.46	11297.47	10874.91	10517.90	10127.43	9824.18	9764.32	9785.05	10086.07

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL736LEDHTHOWT40NBD120-277V\_S.IES**

**CANDELA TABULATION - (Cont.)**

30.0	8566.50	8473.91	8300.76	8022.97	7694.85	7388.25	7178.19	7046.23	7173.31	7459.35
32.5	6050.67	6051.72	6024.65	5794.49	5531.61	5322.10	5047.65	5023.88	5090.73	5326.31
35.0	4186.69	4197.67	4241.24	4091.35	3901.70	3694.46	3568.30	3513.67	3570.85	3704.54
37.5	2817.67	2914.56	2886.13	2845.05	2695.17	2590.23	2450.40	2449.02	2477.15	2573.32
40.0	1909.16	1994.60	1994.50	1954.93	1883.02	1777.13	1710.74	1677.10	1683.58	1761.37
42.5	1320.45	1359.84	1389.64	1352.86	1295.15	1231.40	1189.34	1183.02	1200.77	1213.18
45.0	929.96	951.25	965.84	962.60	905.41	891.92	852.22	843.12	858.16	881.28
47.5	678.88	681.91	684.78	686.51	661.06	644.86	645.79	634.32	642.42	643.89
50.0	497.31	510.04	516.24	508.25	491.46	486.79	485.62	484.72	481.36	489.90
52.5	385.34	390.09	381.43	387.57	380.71	376.16	376.48	386.70	375.82	383.07
55.0	294.89	303.02	300.77	293.24	292.01	299.55	295.63	296.58	302.86	291.51
57.5	242.99	232.31	234.63	229.28	235.22	240.53	237.22	240.72	234.89	237.13
60.0	194.68	190.27	192.62	186.15	191.07	188.54	193.45	192.87	191.13	185.15
62.5	166.26	153.36	157.93	155.97	155.59	161.06	161.11	159.24	164.44	156.31
65.0	133.85	132.55	130.19	133.18	136.47	134.16	132.78	135.73	135.33	127.38
67.5	111.55	111.90	109.98	108.03	110.71	109.47	112.49	117.31	111.24	109.14
70.0	89.90	94.00	90.04	89.49	95.59	92.94	94.52	94.21	94.31	92.26
72.5	80.18	74.62	76.59	74.59	73.81	75.90	82.22	83.06	79.84	75.26
75.0	68.14	64.19	62.26	61.38	62.05	63.80	66.63	65.09	65.04	63.98
77.5	53.62	53.19	52.33	49.61	53.69	51.37	51.54	52.95	56.69	53.69
80.0	45.68	45.78	42.85	45.47	41.18	44.38	44.62	45.63	47.60	44.86
82.5	34.92	33.85	34.24	31.29	32.51	34.84	35.99	36.46	36.45	34.58
85.0	22.81	19.53	20.82	20.07	18.90	19.80	22.67	20.97	20.97	20.23
87.5	4.78	4.62	3.52	3.41	4.16	4.86	3.61	5.03	3.95	4.33
90.0	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.01	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	0.05	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	0.04	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	0.01	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	0.01	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	0.07
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	0.01	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	0.10	0.00	0.00	0.00	0.00	0.10
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	0.01	0.00	0.00	0.00	0.00	0.00	0.11
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	0.01	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 : BL736LEDHTHOWT40NBD120-277V\_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	0.02	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	0.05	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**

	<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>	50367.25	50367.25	50367.25	50367.25	50367.25	50367.25	50367.25
<b>2.5</b>	48743.28	48710.85	48691.08	48546.57	48449.40	48413.58	48286.48
<b>5.0</b>	46318.59	46755.91	46834.50	47168.13	46694.72	47337.30	46955.32
<b>7.5</b>	43727.91	44284.11	44750.36	44980.83	45106.31	45085.28	45328.73
<b>10.0</b>	40402.26	40922.71	41541.17	41871.05	42485.97	42613.53	42613.77
<b>12.5</b>	36123.27	36757.95	37591.99	38232.96	38803.86	39114.35	39192.11
<b>15.0</b>	31401.88	32412.81	33119.14	33953.29	34658.05	34912.47	35056.00
<b>17.5</b>	26675.22	27520.35	28339.28	29246.89	29876.48	30236.65	30300.80
<b>20.0</b>	21924.89	22641.26	23579.41	24232.46	24856.43	25378.92	25373.65
<b>22.5</b>	17603.12	18360.37	18932.14	19504.16	20050.26	20304.21	20433.77
<b>25.0</b>	13757.33	14251.49	14822.96	15240.22	15596.92	15908.11	15758.22
<b>27.5</b>	10444.80	10824.10	11209.73	11440.20	11735.06	11838.12	11844.10
<b>30.0</b>	7726.80	7946.56	8162.16	8395.96	8445.80	8473.00	8428.79
<b>32.5</b>	5537.92	5789.75	5905.60	5967.71	5961.95	5870.03	5891.89
<b>35.0</b>	3895.53	4055.81	4177.80	4160.01	4079.55	4039.19	4011.96
<b>37.5</b>	2697.41	2814.44	2908.28	2853.56	2820.14	2734.56	2710.27
<b>40.0</b>	1846.38	1948.49	1968.10	1951.70	1898.16	1860.08	1833.80
<b>42.5</b>	1276.01	1338.96	1349.26	1342.92	1296.78	1287.54	1266.11
<b>45.0</b>	900.70	936.05	967.40	938.61	913.55	896.99	904.49
<b>47.5</b>	670.58	671.94	675.33	680.01	664.74	659.92	643.63
<b>50.0</b>	497.96	506.61	506.97	504.42	498.31	492.05	486.89
<b>52.5</b>	382.57	372.33	379.48	384.29	379.90	376.46	381.68
<b>55.0</b>	304.92	291.36	301.39	286.68	296.83	299.21	292.76
<b>57.5</b>	235.88	239.72	234.48	229.70	240.12	227.69	235.55
<b>60.0</b>	185.87	189.50	189.23	186.22	182.86	190.01	191.13
<b>62.5</b>	159.34	153.38	156.30	153.88	155.00	160.04	156.45
<b>65.0</b>	130.01	127.32	127.38	133.31	130.55	135.07	131.91
<b>67.5</b>	108.86	107.03	107.31	107.91	109.59	110.41	113.35
<b>70.0</b>	90.34	94.68	94.51	92.67	93.84	96.19	94.37
<b>72.5</b>	79.21	70.18	75.27	75.31	76.96	76.00	81.28
<b>75.0</b>	62.31	65.44	63.78	66.32	63.91	62.69	69.91
<b>77.5</b>	54.56	50.49	52.42	52.99	56.36	57.86	56.64
<b>80.0</b>	44.95	42.87	43.02	42.24	44.31	44.62	44.79
<b>82.5</b>	34.65	33.63	33.05	34.91	31.85	34.77	36.34
<b>85.0</b>	20.83	19.91	20.56	19.77	22.18	20.45	22.80
<b>87.5</b>	4.64	4.54	5.12	4.34	4.31	4.84	4.97
<b>90.0</b>	0.00	0.01	0.00	0.00	0.00	0.11	0.00
<b>92.5</b>	0.00	0.00	0.04	0.00	0.05	0.04	0.00
<b>95.0</b>	0.00	0.00	0.00	0.04	0.00	0.05	0.05
<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	0.04	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	0.00
<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

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PHOTOMETRIC FILENAME : BL736LEDHTHOWT40NBD120-277V\_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	0.01	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	0.01
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	0.02	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	0.01	0.00	0.01	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.06	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	0.10	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.07	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.12	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	0.02	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**  
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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	13170.98	N.A.	55.40
0-30	19846.89	N.A.	83.50
0-40	22495.79	N.A.	94.60
0-60	23546.47	N.A.	99.00
0-80	23751.24	N.A.	99.90
0-90	23773.74	N.A.	100.00
10-90	19497.58	N.A.	82.00
20-40	9324.81	N.A.	39.20
20-50	10095.59	N.A.	42.50
40-70	1185.01	N.A.	5.00
60-80	204.77	N.A.	0.90
70-80	70.45	N.A.	0.30
80-90	22.50	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	0.01	N.A.	0.00
0-180	23773.75	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	4276.15
10-20	8894.83
20-30	6675.91
30-40	2648.9
40-50	770.78
50-60	279.90
60-70	134.33
70-80	70.45
80-90	22.50
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

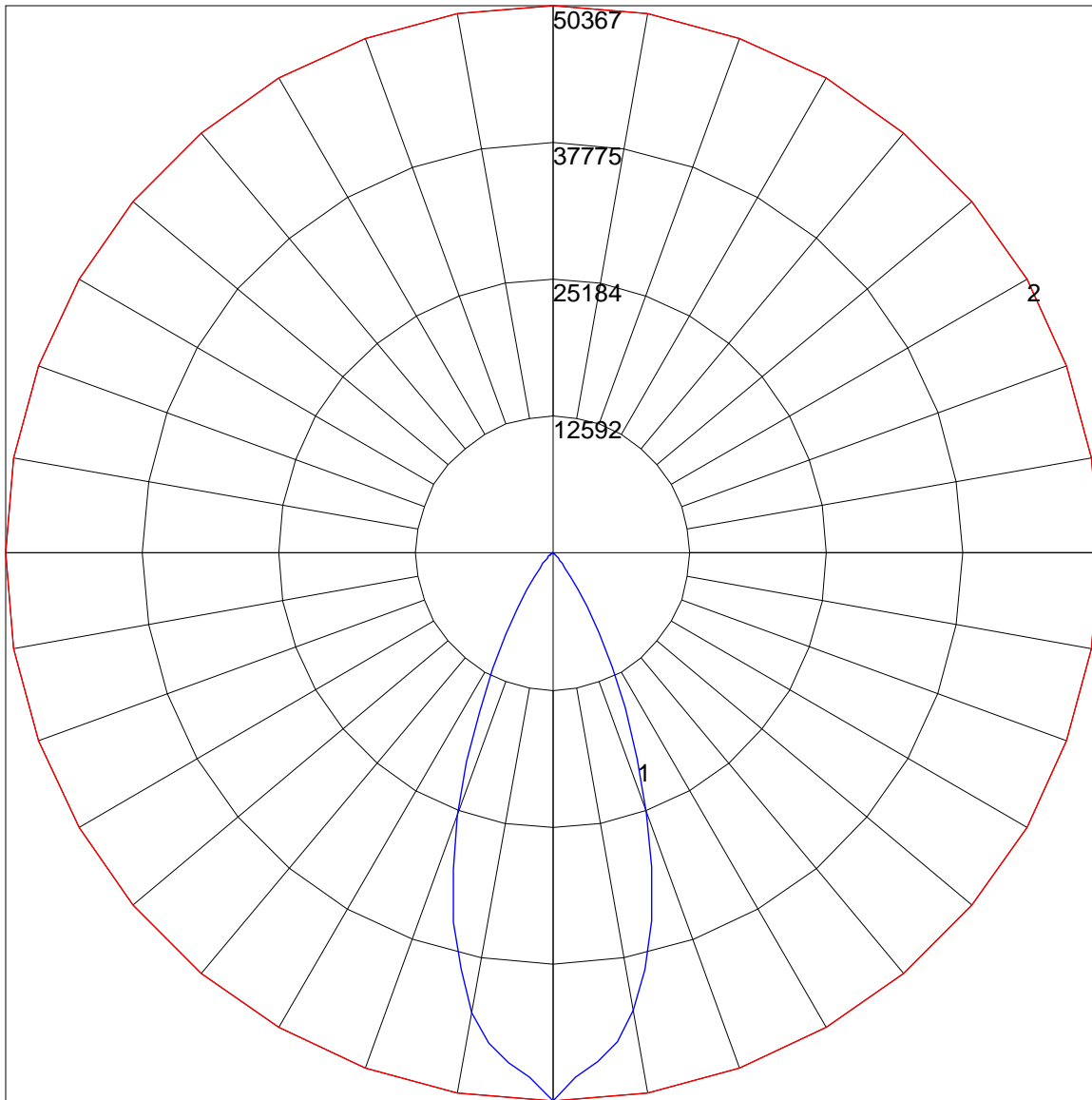
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : BL736LEDHTHOWT40NBD120-277V\_S.IES**

**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	114	111	109	107	112	109	107	105	105	104	102	102	100	99	98	97	96	95
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89
3	104	99	94	91	102	97	93	90	95	91	88	92	89	87	90	88	86	84
4	100	93	88	85	98	92	88	84	90	86	83	88	85	82	86	83	81	80
5	96	88	83	79	94	87	83	79	86	82	78	84	80	78	83	79	77	76
6	92	84	79	75	90	83	78	75	82	77	74	80	77	74	79	76	73	72
7	88	80	75	71	87	79	74	71	78	74	70	77	73	70	76	72	70	68
8	85	76	71	67	83	76	71	67	75	70	67	74	70	67	73	69	66	65
9	81	73	68	64	80	72	67	64	71	67	64	71	67	64	70	66	63	62
10	78	70	65	61	77	69	64	61	69	64	61	68	64	61	67	63	61	60

POLAR GRAPH



Maximum Candela = 50367.25 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.)