



IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL736LEDHTHOWT35NBD-120-277V_S.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

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

[ISSUEDATE]

[TESTDATE] Wed Feb 15 15:07:16 2017

[MANUFAC] BEGHELLI

[LUMCAT]

[LUMINAIRE] BL736LEDHTHOWT35NBD-120-277V

[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: 56.8

[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	23030
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
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 : BL736LEDHTHOWT35NBD-120-277V_S.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5407	5217	5284
55	2043	1802	2037
65	1065	901	1080
75	667	565	697
85	319	233	319

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOWT35NBD-120-277V_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	48821.12	48821.12	48821.12	48821.12	48821.12	48821.12	48821.12	48821.12	48821.12	48821.12
2.5	46974.52	47162.40	46701.20	46700.53	47314.48	46581.86	46377.58	46658.25	46549.30	46615.22
5.0	45847.11	45404.77	45540.92	45240.25	44835.09	44779.08	44420.03	44444.38	44357.82	44211.21
7.5	44057.35	43756.71	43456.05	43368.93	42605.98	42345.91	41594.43	41488.35	41211.69	41428.45
10.0	41337.92	41134.03	40840.02	40289.00	39604.23	39142.77	38516.80	37875.00	37822.84	37677.35
12.5	37929.66	37854.19	37170.09	36575.63	35829.03	35283.80	34372.79	33684.66	33393.81	33150.27
15.0	34017.95	33612.79	33160.10	32388.32	31623.46	30664.07	29964.56	29057.81	28900.26	28711.02
17.5	29436.47	29108.78	28649.63	27854.94	27027.99	26193.46	25355.96	24830.45	24371.59	24156.34
20.0	24629.24	24336.78	23930.21	23204.14	22348.44	21625.29	20960.22	20359.98	19998.18	19856.99
22.5	19820.90	19653.31	19175.72	18671.07	18022.22	17327.55	16989.57	16447.29	16206.93	16053.02
25.0	15386.53	15292.66	14991.69	14522.48	14107.17	13689.57	13367.43	12932.72	12720.41	12628.61
27.5	11397.98	11339.96	11184.18	10963.47	10761.21	10440.83	10102.42	9913.33	9694.78	9583.88
30.0	8175.81	8112.87	8087.16	8035.53	7911.47	7783.92	7523.65	7337.87	7084.16	7099.16
32.5	5705.21	5682.53	5703.94	5729.75	5726.12	5602.98	5460.17	5241.11	5084.28	4994.63
35.0	3887.77	3891.94	3968.69	4034.88	4040.19	3927.33	3837.29	3682.29	3577.44	3505.28
37.5	2628.17	2650.68	2690.05	2752.71	2824.73	2743.53	2657.57	2516.72	2481.66	2460.01
40.0	1787.56	1795.50	1835.69	1886.24	1927.85	1891.93	1844.03	1746.95	1681.04	1673.69
42.5	1224.21	1222.86	1255.94	1294.79	1336.46	1311.37	1263.74	1220.04	1177.02	1167.20
45.0	871.71	870.89	880.12	913.16	933.32	908.24	896.28	864.99	844.45	855.39
47.5	647.75	643.46	626.27	647.43	657.18	657.79	637.04	640.25	609.95	611.57
50.0	472.19	470.58	474.46	491.87	498.78	489.11	484.73	476.32	476.52	465.04
52.5	363.46	377.76	368.36	362.42	373.58	375.58	368.29	363.30	366.20	368.64
55.0	292.54	289.63	291.96	289.46	289.95	289.96	287.12	285.26	292.39	293.23
57.5	234.88	228.31	221.38	224.34	222.58	235.10	232.68	226.09	225.03	231.76
60.0	185.90	183.92	187.77	188.23	181.98	184.05	188.61	183.87	188.29	184.28
62.5	157.14	155.06	153.99	149.49	151.27	158.02	150.94	151.00	160.64	154.46
65.0	128.71	130.79	125.72	121.76	125.17	127.78	121.19	127.47	131.80	131.39
67.5	109.72	106.12	104.93	105.47	103.15	104.66	106.94	108.06	110.96	108.92
70.0	95.79	92.99	92.27	87.57	89.27	88.97	90.72	93.77	96.28	90.01
72.5	77.68	77.45	72.68	75.79	70.34	76.27	75.38	73.20	79.55	78.57
75.0	63.25	61.50	61.67	63.38	65.63	64.95	63.47	61.93	66.40	66.68
77.5	54.88	51.52	51.88	52.60	50.01	51.05	52.93	54.68	53.89	56.05
80.0	43.79	44.08	44.37	43.75	40.76	43.75	44.38	43.54	43.83	45.18
82.5	35.82	33.81	33.59	34.44	33.29	34.77	33.26	32.07	35.84	35.95
85.0	21.01	20.49	20.75	18.53	20.10	20.67	19.76	20.40	20.66	21.27
87.5	5.33	4.77	5.52	3.94	4.98	4.27	5.17	4.39	4.78	4.37
90.0	0.04	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.04	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.03	0.01	0.04	0.05	0.04	0.01	0.00	0.00	0.00	0.00
97.5	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.05	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	0.01	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.01	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	0.01	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.01	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 : BL736LEDHTHOWT35NBD-120-277V_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	0.01	0.00	0.00	0.00	0.01
142.5	0.00	0.01	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	0.02	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.04	0.10	0.00	0.00	0.00
150.0	0.00	0.02	0.00	0.00	0.02	0.05	0.27	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00	0.01	0.09	0.00	0.00	0.01
155.0	0.00	0.04	0.00	0.00	0.00	0.04	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	0.02	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	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00	0.04	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	48821.12	48821.12	48821.12	48821.12	48821.12	48821.12	48821.12	48821.12	48821.12	48821.12
2.5	46771.34	46743.71	46959.51	46542.05	46596.12	46787.31	46937.24	47199.14	47477.72	47136.03
5.0	44307.38	44273.47	44855.87	44916.70	44878.44	45151.81	45193.29	45617.43	45706.94	45638.60
7.5	41410.62	41663.16	42252.68	42276.39	42873.54	43134.67	43336.80	43570.36	44012.75	44172.49
10.0	37848.64	37997.70	38444.53	39109.24	39670.73	40260.97	40854.80	41157.60	41534.54	41516.53
12.5	33391.44	33752.00	34386.82	35080.81	35835.79	36708.94	37322.89	37738.19	37947.54	37911.37
15.0	28829.98	29139.07	29998.57	30682.83	31549.86	32551.17	33294.77	33807.51	34081.17	34024.23
17.5	24338.29	24867.01	25413.65	26190.55	27084.63	27935.93	28751.65	29259.26	29604.91	29572.99
20.0	20019.84	20495.25	20962.79	21627.68	22418.77	23349.05	23941.56	24664.50	24860.51	24761.19
22.5	16170.16	16575.28	17110.10	17391.85	18094.54	18793.54	19369.73	19810.91	20070.04	20073.22
25.0	12687.38	12972.04	13358.76	13802.58	14231.81	14691.94	15160.92	15433.81	15548.61	15555.93
27.5	9688.42	9966.62	10241.64	10453.51	10765.68	11057.63	11260.52	11480.24	11574.96	11548.10
30.0	7121.47	7347.22	7575.60	7774.79	7980.30	8120.82	8219.98	8276.27	8278.70	8300.47
32.5	5081.00	5254.31	5499.63	5696.23	5788.25	5791.14	5775.70	5751.11	5770.19	5747.46
35.0	3608.51	3699.92	3853.78	4006.07	4076.04	4048.66	4003.76	3915.09	3932.45	3967.18
37.5	2464.54	2554.35	2688.41	2775.15	2838.97	2768.93	2701.14	2649.64	2631.74	2672.02
40.0	1693.72	1758.52	1819.76	1922.13	1924.30	1909.31	1830.15	1787.90	1792.92	1791.85
42.5	1179.81	1201.99	1268.11	1309.70	1327.47	1293.02	1257.51	1240.22	1223.30	1246.83
45.0	846.42	871.52	892.10	930.40	927.20	913.79	894.84	863.90	850.25	883.25
47.5	615.59	625.81	649.13	658.39	654.90	658.33	654.72	636.57	636.91	651.95
50.0	470.61	476.92	483.71	493.63	493.48	488.60	491.18	483.89	489.76	479.89
52.5	376.98	372.91	378.59	364.49	375.51	379.93	365.56	372.24	372.21	371.80
55.0	288.48	287.34	293.22	294.49	294.57	287.32	289.27	286.39	294.39	295.22
57.5	229.37	223.04	230.05	227.60	230.23	233.54	228.27	226.54	234.44	226.74
60.0	188.62	189.00	191.00	185.39	187.57	181.94	181.80	183.38	186.07	193.04
62.5	157.87	158.66	156.78	152.58	151.96	150.34	146.90	155.07	156.97	157.67
65.0	131.01	126.25	129.05	128.79	128.60	127.84	126.67	127.32	131.48	127.50
67.5	109.27	112.47	109.75	107.79	108.18	108.19	109.15	111.50	111.73	108.11
70.0	93.45	92.02	91.06	87.86	93.03	92.31	93.52	94.43	94.78	93.15
72.5	76.48	75.90	75.48	73.12	75.17	75.88	78.38	73.45	78.70	77.54
75.0	62.87	63.20	60.43	61.30	61.77	62.70	64.37	67.69	66.45	62.88
77.5	52.53	55.69	52.85	49.58	52.58	51.35	53.18	55.55	54.85	54.02
80.0	43.54	43.77	46.01	43.61	44.69	44.32	43.68	43.60	44.40	40.88

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOWT35NBD-120-277V_S.IES

CANDELA TABULATION - (Cont.)

82.5	35.84	32.34	32.23	35.00	30.80	33.10	34.66	35.87	36.53	31.89
85.0	20.65	20.81	19.60	20.08	19.23	20.13	20.96	22.84	20.62	20.10
87.5	5.35	4.62	4.80	4.75	4.92	5.48	4.95	4.16	4.59	4.45
90.0	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.04	0.00
92.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	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	0.01	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	0.01	0.00	0.00	0.00	0.01
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	0.01	0.00
147.5	0.00	0.01	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	0.00
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	0.02	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	48821.12	48821.12	48821.12	48821.12	48821.12	48821.12	48821.12	48821.12	48821.12	48821.12
2.5	47415.38	47338.78	46849.45	46889.76	47618.67	47194.01	46558.72	46749.94	46865.82	46832.67
5.0	45363.82	45272.29	45038.31	45136.43	44918.97	44929.84	44925.11	44609.06	44848.17	44835.17
7.5	43730.49	43564.17	43139.69	42766.54	42486.63	42235.19	42144.38	42168.19	42295.38	42173.69
10.0	41335.48	40872.98	40148.82	39780.01	39204.86	38569.16	38368.44	38490.29	38582.07	38916.79
12.5	37716.14	37183.75	36433.42	35754.34	35102.85	34672.39	34090.88	33963.10	34077.03	34454.91
15.0	33564.37	32848.84	32081.80	31381.98	30564.60	30016.20	29493.64	29316.16	29508.08	29849.33
17.5	28993.67	28309.94	27646.38	26614.17	25877.16	25307.39	24743.55	24704.73	24780.98	25301.14
20.0	24357.52	23595.42	22928.34	22050.26	21340.08	20700.97	20191.51	20091.19	20227.74	20785.79
22.5	19628.54	18965.01	18427.32	17759.14	17124.24	16581.52	16269.69	16111.50	16218.80	16671.91
25.0	15264.77	14929.16	14427.02	13930.72	13389.76	12938.39	12608.30	12552.33	12632.80	12957.39
27.5	11537.21	11259.56	10943.97	10551.10	10135.79	9772.69	9494.97	9317.57	9568.37	9763.46

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BL736LEDHTHOWT35NBD-120-277V_S.IES

CANDELA TABULATION - (Cont.)

30.0	8343.38	8245.68	8036.65	7772.63	7407.59	7165.43	6947.31	6901.71	6909.58	7174.95
32.5	5835.73	5871.08	5832.51	5585.54	5391.18	5120.65	4945.42	4862.38	4972.48	5124.95
35.0	4004.66	4105.45	4072.87	3957.69	3776.71	3603.85	3482.90	3423.79	3459.80	3566.32
37.5	2762.95	2827.31	2806.75	2771.48	2620.65	2500.43	2387.17	2340.91	2391.12	2477.64
40.0	1848.43	1895.84	1921.62	1908.66	1790.47	1728.61	1639.40	1631.21	1656.94	1696.25
42.5	1279.88	1302.44	1323.45	1308.28	1248.23	1170.78	1167.78	1148.94	1152.59	1189.27
45.0	892.76	912.05	919.12	925.25	878.65	841.79	842.81	829.68	842.02	848.73
47.5	643.81	653.79	651.34	656.37	645.21	628.68	616.78	611.87	616.48	630.18
50.0	491.28	491.53	492.16	477.66	481.34	480.15	474.04	469.68	472.06	474.41
52.5	371.39	372.45	377.14	373.79	369.29	368.69	360.60	362.71	376.96	365.48
55.0	284.31	294.52	285.29	290.10	285.93	281.78	289.83	292.14	288.65	291.19
57.5	229.22	237.68	230.89	229.60	230.33	234.60	230.13	239.64	227.67	227.02
60.0	186.86	185.43	188.11	189.24	181.83	181.77	190.62	195.55	189.99	187.32
62.5	153.02	149.65	152.19	158.54	149.45	155.25	157.60	158.15	150.53	154.90
65.0	131.26	126.67	122.65	124.33	124.01	131.81	128.89	133.90	127.85	126.85
67.5	109.02	105.40	106.47	102.47	103.14	106.09	115.79	111.11	110.39	111.04
70.0	90.52	87.00	92.76	90.86	89.26	89.46	93.59	92.99	91.66	93.02
72.5	74.21	72.53	71.91	71.55	79.75	73.81	77.34	76.68	79.32	74.14
75.0	61.77	62.98	63.49	62.04	63.97	61.75	62.64	63.23	67.47	62.41
77.5	51.95	54.01	49.33	52.73	49.50	51.21	56.97	52.06	51.66	50.95
80.0	43.33	43.30	41.89	40.21	44.36	43.34	41.37	42.59	44.85	44.39
82.5	34.32	33.37	32.84	30.89	31.55	33.92	35.18	34.36	34.44	32.68
85.0	21.14	17.75	19.18	19.81	18.56	20.50	20.65	21.63	21.85	20.19
87.5	4.78	5.07	3.90	3.67	5.18	4.00	3.90	4.44	4.44	4.47
90.0	0.00	0.00	0.01	0.00	0.01	0.00	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	0.00	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	0.01	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	0.01	0.00	0.00	0.00	0.04	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	0.01	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 : BL736LEDHTHOWT35NBD-120-277V_S.IES

CANDELA TABULATION - (Cont.)

170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	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	48821.12	48821.12	48821.12	48821.12	48821.12	48821.12	48821.12
2.5	47222.21	47121.89	46883.81	47278.55	47128.93	47221.84	46974.52
5.0	44867.63	45243.81	45155.65	45459.97	45189.71	45596.00	45847.14
7.5	42313.82	42785.77	43207.42	43622.67	43718.33	43964.25	44057.60
10.0	39442.77	39714.05	40303.16	40689.36	41044.55	41439.01	41337.92
12.5	35050.55	35561.87	36466.86	37130.37	37636.27	37880.24	37929.66
15.0	30636.60	31350.37	32063.56	32878.04	33518.68	33824.41	34018.02
17.5	25922.19	26593.77	27445.43	28358.03	28995.06	29281.71	29436.47
20.0	21355.87	21966.06	22789.53	23375.05	24150.58	24553.34	24629.24
22.5	17139.39	17654.26	18367.42	18883.76	19501.10	19662.23	19821.02
25.0	13428.45	13804.19	14291.12	14731.62	15100.40	15345.94	15386.58
27.5	10161.76	10475.04	10796.20	11121.57	11376.33	11416.86	11398.04
30.0	7433.30	7720.78	7997.50	8099.11	8208.61	8192.37	8175.81
32.5	5383.56	5570.70	5722.04	5796.64	5783.06	5764.80	5705.21
35.0	3766.33	3957.51	4006.76	4039.07	3979.54	3879.20	3887.84
37.5	2590.39	2729.71	2796.13	2782.92	2714.29	2639.45	2628.23
40.0	1771.25	1899.81	1904.29	1895.20	1845.38	1785.26	1787.64
42.5	1238.08	1296.32	1314.88	1301.01	1272.79	1243.99	1224.24
45.0	868.03	905.54	925.55	906.89	885.87	866.47	871.71
47.5	638.87	654.85	676.72	645.89	643.09	640.06	647.85
50.0	475.17	486.39	493.48	498.83	474.31	484.27	472.19
52.5	366.92	375.81	368.36	368.38	365.53	369.43	363.46
55.0	288.82	286.57	288.58	291.59	282.66	290.30	292.54
57.5	233.86	230.80	227.63	222.05	227.25	228.94	234.93
60.0	184.30	185.85	185.27	179.56	186.40	185.19	185.96
62.5	152.07	152.16	147.24	150.09	152.60	155.20	157.14
65.0	124.42	124.62	128.08	126.18	130.91	129.24	128.71
67.5	106.65	104.32	104.58	107.82	108.26	106.86	109.74
70.0	94.80	90.09	85.46	86.57	92.83	86.86	95.85
72.5	78.07	75.65	74.58	72.04	72.91	74.39	77.72
75.0	60.78	59.55	63.48	62.74	61.30	65.87	63.25
77.5	49.91	51.56	49.08	50.93	50.32	53.61	54.91
80.0	44.05	41.93	41.93	42.48	43.24	42.78	43.82
82.5	34.32	32.56	33.22	30.53	33.92	36.09	35.82
85.0	18.99	18.97	17.72	19.07	19.90	20.17	21.01
87.5	3.95	5.09	4.61	3.88	5.21	4.50	5.38
90.0	0.00	0.00	0.00	0.00	0.00	0.05	0.04
92.5	0.00	0.00	0.05	0.00	0.00	0.00	0.04
95.0	0.00	0.00	0.00	0.00	0.04	0.00	0.03
97.5	0.00	0.00	0.01	0.00	0.00	0.07	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.05
102.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
 PHOTOMETRIC FILENAME : BL736LEDHTHOWT35NBD-120-277V_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	0.01	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	0.07	0.00	0.01	0.02	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	0.01	0.00
157.5	0.00	0.09	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.06	0.00	0.00	0.00
162.5	0.00	0.00	0.16	0.18	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.10	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 : BL736LEDHTHOWT35NBD-120-277V_S.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	12759.26	N.A.	55.40
0-30	19227.69	N.A.	83.50
0-40	21792.55	N.A.	94.60
0-60	22809.77	N.A.	99.00
0-80	23008.47	N.A.	99.90
0-90	23030.28	N.A.	100.00
10-90	18888.93	N.A.	82.00
20-40	9033.29	N.A.	39.20
20-50	9778.55	N.A.	42.50
40-70	1147.72	N.A.	5.00
60-80	198.69	N.A.	0.90
70-80	68.20	N.A.	0.30
80-90	21.82	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	23030.29	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	4141.35
10-20	8617.9
20-30	6468.43
30-40	2564.86
40-50	745.26
50-60	271.96
60-70	130.50
70-80	68.20
80-90	21.82
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

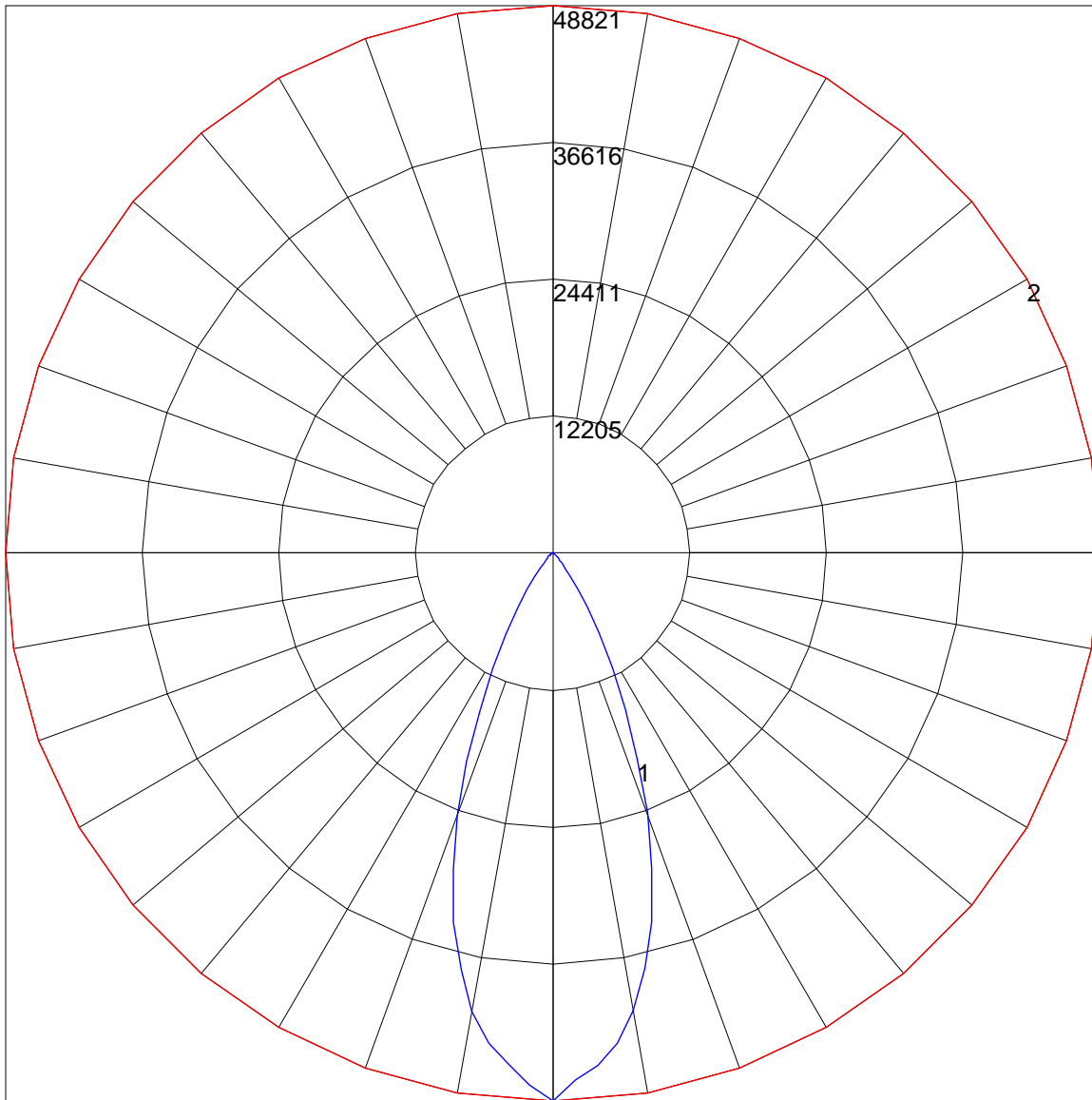
IES INDOOR REPORT
 PHOTOMETRIC FILENAME : BL736LEDHTHOWT35NBD-120-277V_S.IES

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 = 48821.12 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.)