



IES INDOOR REPORT

PHOTOMETRIC FILENAME : BL736LEDHTHOWT40ASYM120-277V_S.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] Photopia 2017.2.1 see: www.ltioptics.com/ies

[ISSUEDATE]

[TESTDATE] Thu Oct 26 17:58:47 2017

[TEST] 1

[MANUFAC] BEGHELLI

[LUMCAT]

[LUMINAIRE] BL736LEDHTHOWT40ASYM120-277V

[LAMP] LED 0.1885W Nichia Warm White LED (65mA)

[LAMPCAT] NFSL757DT-V1

[OTHER]

IESNA:LM-63-2002

[TEST] 6,552

[TESTLAB] CSA Group

[ISSUEDATE] 7/24/2013 1:09:24 PM

[OTHER] Luminous shape: Rectangle

[OTHER] Luminous dimensions (feet)

[OTHER] 0 - 180 Axis: 4.2

[OTHER] 90 - 270 Axis: 0.6

[OTHER] Height: 0.1

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	23947
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	104
Total Luminaire Watts	230
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.34
Spacing Criterion (90-270)	1.40
Spacing Criterion (Diagonal)	1.56
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	8759	10424	35574
55	4738	6744	17787
65	2262	3015	6759
75	1347	1395	2758
85	639	509	773

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CANDELA TABULATION

	<u>0</u>	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>	<u>35</u>	<u>40</u>	<u>45</u>
0	9335.37	9335.37	9335.37	9335.37	9335.37	9335.37	9335.37	9335.37	9335.37	9335.37
2	7943.69	8196.04	7952.71	8303.78	8362.44	8246.27	8318.15	8371.50	8577.03	8486.94
4	7168.84	7156.79	7225.84	7328.86	7315.66	7280.14	7380.01	7470.96	7658.64	7655.87
6	6238.53	6328.53	6260.89	6282.74	6374.57	6401.43	6567.01	6698.22	6929.90	7032.89
8	5341.71	5427.32	5439.48	5471.30	5531.42	5604.65	5667.41	6022.84	6157.95	6425.90
10	4587.86	4601.58	4590.28	4669.28	4793.20	4926.49	5063.25	5343.36	5582.54	5783.18
12	3712.15	3662.40	3789.87	3869.92	4002.10	4197.01	4385.65	4590.66	4848.07	5109.76
14	3118.32	3113.97	3180.39	3229.45	3399.49	3522.70	3675.73	3926.96	4206.11	4551.68
16	2583.98	2619.33	2663.03	2727.16	2795.70	2981.67	3127.47	3379.82	3679.57	4008.68
18	2233.50	2216.97	2257.87	2340.98	2395.63	2539.13	2719.16	2926.74	3183.73	3563.18
20	1943.30	1956.59	1961.11	2048.44	2132.15	2194.21	2338.51	2493.80	2778.63	3084.97
22	1797.27	1786.09	1825.34	1872.94	1942.13	1992.84	2083.15	2235.11	2475.71	2751.20
24	1778.55	1744.37	1779.13	1804.22	1870.91	1876.56	1978.70	2057.38	2211.83	2486.34
26	1775.11	1747.74	1741.20	1777.65	1786.59	1820.25	1882.91	1939.10	2072.93	2271.35
28	1788.58	1770.07	1786.32	1806.86	1811.27	1840.64	1840.13	1878.76	1985.97	2120.03
30	1834.69	1836.52	1855.94	1851.15	1833.58	1843.74	1888.88	1893.07	1933.36	2056.18
32	1871.16	1889.43	1876.68	1895.51	1913.38	1923.16	1883.39	1896.54	1941.98	2047.73
34	1905.24	1917.57	1911.75	1913.69	1945.32	1931.92	1942.30	1960.76	1955.62	2044.78
36	1902.39	1940.27	1911.54	1939.11	1966.46	1943.35	1966.99	1974.44	1979.69	2011.00
38	1851.23	1863.48	1879.66	1869.42	1887.60	1921.83	1973.80	1981.72	2004.95	2020.66
40	1759.71	1786.62	1779.81	1797.80	1866.82	1847.39	1917.90	1965.30	1978.88	2005.76
42	1635.87	1614.32	1665.07	1696.55	1716.56	1775.81	1837.67	1898.25	1927.58	1974.93
44	1498.08	1493.29	1509.44	1570.73	1611.39	1651.92	1712.17	1789.85	1852.79	1911.61
46	1326.28	1356.01	1353.54	1408.07	1465.32	1521.65	1600.57	1679.15	1725.61	1768.15
48	1183.99	1162.13	1213.86	1254.85	1314.66	1381.53	1436.11	1526.18	1583.41	1649.32
50	1000.49	1027.89	1046.44	1106.75	1151.01	1190.34	1286.14	1349.55	1437.15	1513.63
52	863.92	879.67	899.32	943.93	979.71	1023.17	1113.33	1195.87	1259.41	1336.53
54	736.37	746.01	751.29	799.89	831.64	884.22	931.06	1025.66	1079.44	1169.61
56	620.67	621.04	644.33	663.71	690.34	751.06	798.71	868.09	930.72	1000.56
58	512.64	530.14	526.40	556.39	578.18	627.58	671.33	706.69	794.99	845.52
60	416.53	425.00	436.71	449.85	470.19	517.66	561.24	590.54	653.07	694.30
62	358.30	348.88	355.67	382.21	401.00	436.03	464.91	504.77	532.02	569.75
64	296.27	296.51	308.57	326.64	326.83	359.67	384.47	407.80	443.69	459.38
66	250.35	250.60	256.03	264.68	280.96	299.88	306.21	332.65	354.77	387.17
68	216.66	212.61	217.41	225.30	233.26	237.11	257.82	272.06	293.60	318.57
70	182.01	183.51	185.53	185.68	195.26	207.27	213.46	227.38	241.75	266.30
72	161.02	160.89	159.27	163.30	166.98	174.60	181.67	190.18	208.70	212.44
74	138.95	134.29	138.66	136.41	146.59	148.02	150.38	158.13	165.87	177.92
76	116.39	116.80	123.07	119.71	121.61	131.29	131.14	137.32	139.05	144.73
78	104.10	107.59	101.78	106.97	111.35	113.68	117.29	116.14	118.43	124.33
80	96.37	93.53	93.61	93.23	97.70	98.17	96.71	99.32	102.41	104.23
82	76.57	77.13	79.12	77.85	79.98	82.46	83.92	80.23	81.72	84.11
84	57.57	59.83	57.00	54.90	56.71	56.89	59.24	57.20	56.83	59.66
86	26.66	27.64	29.47	29.15	30.97	27.57	25.81	26.73	25.25	29.21
88	4.00	4.13	5.21	3.81	4.18	5.31	5.58	5.12	4.22	4.86
90	0.25	0.00	0.00	0.01	0.00	0.00	0.34	0.01	0.01	0.12

Vert. Angles **Horizontal Angles**

	<u>50</u>	<u>55</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>75</u>	<u>80</u>	<u>85</u>	<u>90</u>	<u>95</u>
0	9335.37	9335.37	9335.37	9335.37	9335.37	9335.37	9335.37	9335.37	9335.37	9335.37
2	8393.17	8326.24	8524.25	8478.02	8531.86	8810.62	8797.05	9024.08	8972.34	9080.96
4	7801.56	7823.05	8061.38	8086.46	8256.11	8476.72	8592.35	8776.71	8858.04	9017.73
6	7091.93	7346.76	7667.04	7833.28	7946.17	8316.24	8438.09	8515.60	8743.05	9176.12

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8	6606.73	6819.26	7175.37	7416.24	7666.10	8007.31	8327.37	8489.33	8874.23	9234.64
10	6109.02	6386.33	6637.05	7031.13	7393.02	7751.79	8198.24	8540.25	9005.59	9233.11
12	5492.25	5863.52	6237.57	6747.91	7127.11	7631.40	8148.80	8623.57	9097.23	9497.00
14	4901.58	5402.84	5821.55	6324.80	6905.84	7449.40	8031.85	8563.00	9119.53	9544.05
16	4439.90	4938.94	5373.02	5979.76	6483.33	7143.58	7873.29	8502.55	9094.20	9705.01
18	3961.39	4438.04	4957.05	5603.43	6259.79	6933.93	7786.02	8310.75	9145.17	9850.24
20	3463.32	3974.09	4529.50	5197.56	5931.51	6814.94	7555.51	8368.52	9244.40	9898.12
22	3098.79	3592.99	4215.22	4844.28	5637.78	6462.42	7384.61	8346.59	9159.11	10089.67
24	2787.98	3244.51	3787.82	4480.90	5322.21	6163.88	7201.79	8190.03	9129.22	10077.35
26	2501.56	2963.80	3457.36	4143.54	4933.61	5933.62	7000.30	8050.52	9121.47	10112.42
28	2396.50	2722.98	3199.12	3853.88	4663.96	5637.37	6682.27	7939.74	9002.83	10131.94
30	2223.21	2547.30	2947.47	3526.55	4297.95	5268.78	6442.35	7680.28	8890.95	10022.01
32	2163.08	2377.61	2712.34	3265.94	3986.18	4974.24	6184.87	7404.17	8759.32	9916.33
34	2081.49	2267.48	2553.27	3035.15	3766.32	4726.61	5856.48	7119.67	8494.91	9780.47
36	2090.79	2226.17	2447.46	2804.39	3413.57	4342.66	5494.94	6866.37	8230.84	9568.99
38	2070.22	2139.97	2291.30	2587.92	3190.12	3989.97	5075.60	6434.58	7858.28	9118.56
40	2047.15	2085.48	2198.20	2410.79	2900.46	3621.84	4684.70	5939.79	7339.17	8646.40
42	1983.03	2001.41	2063.92	2253.86	2607.85	3244.23	4258.40	5432.29	6718.89	8043.60
44	1902.22	1923.54	1958.68	2040.99	2386.90	2925.30	3789.51	4904.31	6082.25	7304.66
46	1811.37	1810.89	1836.13	1932.35	2125.21	2608.62	3362.14	4295.53	5434.42	6541.87
48	1693.83	1725.58	1694.58	1737.62	1923.47	2282.10	2903.25	3759.17	4706.80	5833.16
50	1551.77	1553.20	1553.24	1561.23	1698.30	1989.91	2502.38	3240.47	4046.92	4961.97
52	1377.90	1412.20	1390.73	1407.02	1498.87	1711.34	2129.90	2733.71	3412.45	4198.37
54	1211.23	1232.61	1221.19	1237.57	1266.24	1448.82	1754.91	2242.71	2836.31	3425.69
56	1049.37	1076.30	1059.81	1050.50	1073.98	1230.81	1463.74	1835.18	2284.53	2784.24
58	885.80	899.09	898.64	911.04	918.81	1023.24	1204.71	1488.28	1827.47	2242.55
60	737.91	762.88	753.39	752.10	771.49	848.75	985.33	1187.99	1474.89	1764.74
62	612.24	623.45	629.57	642.39	652.34	693.98	805.51	953.51	1169.06	1376.50
64	496.91	511.24	522.55	533.25	541.83	571.84	647.48	775.63	915.64	1089.97
66	404.57	422.41	429.40	430.99	453.32	471.36	537.58	618.24	728.89	857.59
68	335.42	341.82	343.53	363.04	370.97	386.43	434.16	495.28	578.01	674.96
70	268.55	270.26	285.35	287.37	306.66	318.03	341.03	405.47	455.75	534.04
72	217.34	224.36	233.32	238.22	253.20	259.49	280.46	322.34	371.37	426.44
74	177.95	185.30	186.90	194.56	203.55	214.70	233.80	262.77	294.96	333.72
76	153.95	153.01	154.86	157.19	167.96	181.97	185.27	204.71	232.77	263.35
78	129.24	121.16	127.03	128.44	135.80	146.64	149.97	165.06	177.71	207.20
80	105.82	100.34	107.01	105.82	112.74	116.07	118.82	130.14	136.97	146.02
82	87.74	80.68	81.11	87.31	86.96	89.04	91.53	92.44	100.61	111.49
84	60.17	60.89	58.15	61.74	57.76	62.56	64.21	70.95	67.97	67.75
86	28.21	29.03	29.86	32.12	32.46	32.84	31.91	32.60	35.32	36.55
88	4.86	4.49	5.20	4.05	5.01	4.68	4.12	5.23	5.21	5.30
90	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Vert.
Angles**

Horizontal Angles

	<u>100</u>	<u>105</u>	<u>110</u>	<u>115</u>	<u>120</u>	<u>125</u>	<u>130</u>	<u>135</u>	<u>140</u>	<u>145</u>
0	9335.37	9335.37	9335.37	9335.37	9335.37	9335.37	9335.37	9335.37	9335.37	9335.37
2	9366.28	8962.10	9235.47	9393.17	9335.18	9385.37	9527.65	9505.01	9741.79	9691.64
4	9083.02	9368.25	9213.69	9457.47	9545.92	9673.51	9709.52	9843.90	9928.61	9960.67
6	9320.97	9531.38	9595.85	9668.47	9937.51	9995.35	10329.62	10353.03	10465.89	10513.74
8	9393.09	9612.19	9911.41	10233.38	10470.83	10549.70	10629.06	10754.46	11114.23	10805.68
10	9695.48	9941.03	10147.86	10531.79	10633.15	10956.07	11121.85	11238.46	11455.51	11525.94
12	9846.61	10185.40	10432.58	10867.29	11089.00	11334.34	11595.18	11762.96	12106.71	12171.81
14	10078.07	10368.56	10726.86	11098.43	11440.73	11750.68	11959.16	12121.86	12421.97	12674.88
16	10235.62	10644.68	11128.21	11568.07	11937.52	12164.87	12518.77	12658.91	12945.12	13142.03
18	10440.75	11000.79	11482.97	11971.76	12352.05	12658.78	12895.85	13316.49	13384.98	13715.48

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CANDELA TABULATION - (Cont.)

20	10673.12	11186.36	11751.01	12310.58	12578.40	13031.72	13427.88	13727.99	13962.30	14193.71
22	10783.65	11438.27	12185.33	12514.91	13128.08	13551.41	13852.33	14238.65	14535.00	14780.48
24	10899.53	11556.71	12329.82	12938.65	13465.27	13904.55	14325.66	14728.10	14977.19	15460.33
26	11006.54	11803.19	12560.43	13129.99	13803.34	14344.54	14878.29	15266.19	15622.21	15988.55
28	11001.44	12011.95	12782.24	13527.64	14148.41	14710.77	15270.77	15766.64	16201.17	16652.66
30	11114.61	12055.47	12919.92	13706.99	14391.56	15099.87	15724.16	16277.20	16785.14	17167.23
32	11053.46	12051.81	13039.17	13812.15	14715.46	15356.91	16065.24	16861.29	17287.72	17810.71
34	10940.89	12020.84	13099.05	14077.35	14925.39	15727.94	16471.92	17304.84	17864.51	18405.52
36	10808.19	11861.90	13029.64	14052.44	15004.33	15862.16	16757.65	17442.40	18119.09	18673.39
38	10381.76	11561.51	12665.49	13777.75	14802.21	15923.12	16720.36	17504.88	18117.44	18643.80
40	9856.15	11089.23	12238.99	13477.29	14598.77	15562.29	16578.61	17241.74	17818.50	18240.27
42	9254.15	10449.95	11565.73	12829.80	14039.82	15077.79	15992.45	16734.57	17217.99	17476.47
44	8497.14	9667.30	10827.23	12071.83	13222.13	14330.15	15249.60	15901.28	16279.98	16491.35
46	7705.77	8803.98	10006.77	11208.16	12382.87	13378.11	14145.79	14697.31	15127.98	15156.20
48	6804.21	7866.32	8990.66	10169.20	11287.78	12281.03	13037.35	13426.63	13588.85	13614.75
50	5853.33	6927.36	7906.31	9058.68	10078.61	10989.87	11612.75	11966.84	11996.14	11832.98
52	4995.51	5861.57	6843.02	7858.17	8821.78	9574.32	10082.38	10289.03	10258.92	9985.88
54	4123.15	4874.46	5786.29	6636.65	7478.95	8090.43	8516.03	8688.77	8592.66	8311.44
56	3369.33	4023.58	4742.88	5510.21	6218.44	6705.32	6988.22	7079.05	6948.67	6659.05
58	2679.89	3204.79	3823.28	4475.08	5017.64	5441.79	5690.09	5670.80	5553.21	5307.04
60	2112.93	2568.87	3039.68	3565.63	4048.58	4335.35	4504.24	4507.98	4344.03	4122.32
62	1653.87	1990.03	2386.90	2805.44	3150.60	3390.69	3513.54	3465.55	3314.25	3161.28
64	1283.78	1549.07	1859.38	2183.61	2443.72	2603.97	2677.34	2642.27	2543.64	2416.52
66	1022.59	1201.32	1446.19	1672.96	1843.34	1997.70	2018.34	1999.07	1946.05	1854.08
68	789.12	951.04	1100.61	1271.59	1403.54	1486.82	1523.45	1514.89	1452.39	1380.55
70	625.76	729.60	841.11	950.20	1047.95	1119.49	1139.25	1143.74	1105.78	1051.20
72	479.22	561.40	650.76	714.45	797.86	832.11	858.04	835.97	819.24	811.94
74	368.42	423.65	487.84	538.02	584.25	610.66	632.46	630.72	627.61	617.78
76	293.50	320.94	358.17	396.61	438.26	452.92	473.76	478.11	466.80	455.31
78	216.97	245.65	267.72	292.51	321.08	329.70	343.02	341.07	342.02	334.44
80	161.76	181.88	191.83	206.70	230.09	233.73	239.41	250.00	244.06	250.61
82	119.26	125.32	137.70	141.21	151.81	159.81	168.80	162.21	167.73	166.59
84	74.83	82.98	85.56	86.80	88.91	98.12	98.09	99.58	99.79	99.56
86	38.06	37.81	40.31	43.32	45.11	42.48	45.45	46.95	46.56	45.82
88	5.32	6.61	5.71	5.26	6.33	6.06	6.58	5.79	5.33	5.46
90	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>150</u>	<u>155</u>	<u>160</u>	<u>165</u>	<u>170</u>	<u>175</u>	<u>180</u>
0	9335.37	9335.37	9335.37	9335.37	9335.37	9335.37	9335.37
2	9649.28	9715.11	9527.27	9561.97	9829.32	9859.21	9879.47
4	9794.95	10317.49	10154.56	10029.76	10201.44	10073.13	9935.10
6	10558.04	10819.50	10830.26	10786.68	10953.54	10834.82	10863.10
8	11301.75	11277.24	11225.29	11338.01	11511.34	11376.62	11383.60
10	11737.95	11840.77	11790.88	11948.90	12030.90	11979.49	12260.66
12	12206.92	12339.94	12390.61	12515.15	12585.02	12641.23	12454.14
14	12812.73	12922.68	13011.87	12883.30	13097.99	13012.37	13174.33
16	13239.56	13395.03	13498.68	13696.73	13704.87	13566.89	13683.23
18	13848.69	14021.48	14150.25	14196.65	14353.30	14394.76	14451.91
20	14450.34	14641.93	14744.20	14910.81	14913.63	15039.70	14977.62
22	15011.28	15308.03	15495.16	15555.96	15564.10	15749.16	15839.45
24	15723.58	15874.91	16119.70	16283.25	16351.49	16395.84	16450.95
26	16209.56	16611.82	16797.12	16978.35	17010.87	17124.31	17177.39
28	16905.08	17288.83	17410.04	17695.08	17817.24	17722.54	17804.13
30	17637.75	17895.73	18088.11	18294.38	18421.85	18369.40	18542.87

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CANDELA TABULATION - (Cont.)

32	18129.56	18548.47	18717.43	18831.87	19039.71	18986.72	19081.94
34	18747.69	18963.57	19114.31	19240.80	19331.54	19286.59	19396.42
36	18922.86	19225.15	19286.08	19355.95	19412.85	19426.45	19393.83
38	18872.94	19096.52	19016.02	19107.03	18986.15	19039.55	19039.69
40	18462.24	18460.74	18427.65	18274.85	18280.81	18188.88	18105.52
42	17614.04	17583.27	17340.17	17176.15	17114.56	16922.99	16928.93
44	16375.46	16197.31	15954.98	15750.78	15412.92	15345.26	15278.66
46	14946.98	14680.95	14349.43	13933.61	13693.20	13596.99	13467.45
48	13351.65	12956.98	12518.66	12243.58	11901.86	11658.37	11529.60
50	11563.38	11133.23	10688.91	10336.76	10007.32	9848.72	9730.58
52	9688.13	9330.92	8837.48	8533.81	8308.06	8084.13	8037.56
54	7980.07	7588.28	7177.00	6875.66	6584.67	6468.34	6318.92
56	6410.09	6039.51	5687.38	5377.62	5205.89	5076.63	4997.10
58	4980.68	4678.01	4446.73	4172.62	4008.18	3913.20	3872.05
60	3874.24	3616.33	3405.97	3213.31	3068.57	2999.55	3002.35
62	2978.94	2760.96	2616.94	2447.81	2353.90	2299.82	2300.60
64	2243.01	2116.20	2001.66	1890.74	1810.19	1768.74	1742.28
66	1709.22	1628.70	1529.61	1469.00	1414.34	1396.01	1379.30
68	1337.58	1244.50	1192.70	1127.51	1095.88	1074.16	1067.85
70	1007.83	959.42	918.81	891.44	849.65	829.41	834.33
72	770.11	738.94	704.50	660.67	656.21	649.04	637.30
74	569.37	563.32	540.28	518.78	513.22	502.19	503.43
76	446.04	435.65	416.30	403.53	381.85	390.31	373.82
78	334.41	320.07	308.58	294.94	303.54	289.67	289.27
80	241.81	227.29	228.06	220.19	220.70	209.27	211.02
82	155.24	161.80	163.45	150.75	152.35	148.00	152.49
84	102.60	93.31	100.27	97.71	93.70	94.52	94.71
86	43.88	42.82	42.77	41.66	44.97	44.59	45.64
88	5.58	5.05	6.15	4.87	5.60	5.30	5.10
90	0.01	0.00	0.02	0.01	0.00	0.13	0.00

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	3248.27	N.A.	13.60
0-30	7395.74	N.A.	30.90
0-40	13302.85	N.A.	55.60
0-60	22365.8	N.A.	93.40
0-80	23878.83	N.A.	99.70
0-90	23946.89	N.A.	100.00
10-90	23117.13	N.A.	96.50
20-40	10054.58	N.A.	42.00
20-50	15836.79	N.A.	66.10
40-70	10225.23	N.A.	42.70
60-80	1513.03	N.A.	6.30
70-80	350.75	N.A.	1.50
80-90	68.06	N.A.	0.30
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	23946.89	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	829.75
10-20	2418.51
20-30	4147.47
30-40	5907.11
40-50	5782.21
50-60	3280.74
60-70	1162.27
70-80	350.75
80-90	68.06
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

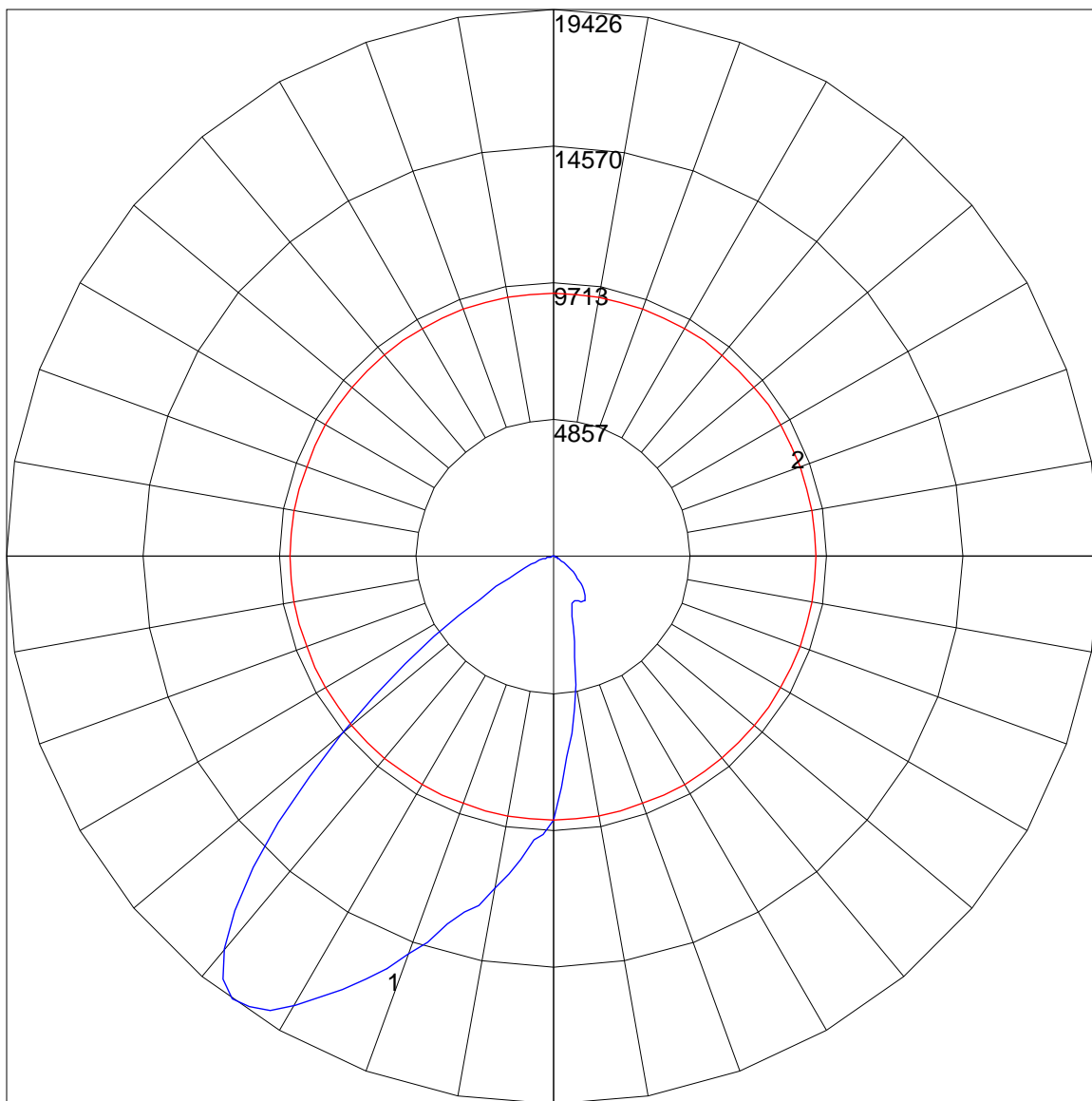
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	111	107	104	101	108	105	102	99	101	98	96	97	95	93	93	92	90	88
2	103	96	90	85	100	94	89	84	90	86	82	87	84	80	84	81	79	77
3	95	85	78	73	92	84	77	72	81	76	71	78	74	70	76	72	69	67
4	87	77	69	63	85	75	68	62	73	67	62	71	65	61	69	64	60	58
5	80	69	61	55	78	68	60	54	66	59	54	64	58	53	62	57	53	51
6	74	62	54	48	73	61	54	48	60	53	47	58	52	47	56	51	47	45
7	69	56	48	43	67	56	48	42	54	47	42	53	47	42	51	46	42	40
8	64	51	43	38	63	51	43	38	50	43	38	48	42	37	47	41	37	35
9	60	47	39	34	59	47	39	34	45	39	34	44	38	34	43	38	34	32
10	56	43	36	31	55	43	36	31	42	35	31	41	35	30	40	34	30	29

POLAR GRAPH



Maximum Candela = 19426.45 Located At Horizontal Angle = 175, Vertical Angle = 36
1 - Vertical Plane Through Horizontal Angles (175 - 355) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0)