



IES INDOOR REPORT

PHOTOMETRIC FILENAME : BTRI-22-LED35-MO.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST]BTRI-22-LED35-MO
 [TESTLAB]INTERTEK
 [ISSUE DATE] 8-9-18
 [MANUFAC] PRUDENTIAL
 [_TOTAL LUMINAIRE LUMENS] 3031.7

CHARACTERISTICS

| | |
|---------------------------------|---------------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 4093 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 124 |
| Total Luminaire Watts | 33 |
| Ballast Factor | 1.00 |
| CIE Type | Semi-Direct |
| Spacing Criterion (0-180) | 1.24 |
| Spacing Criterion (90-270) | 1.24 |
| Spacing Criterion (Diagonal) | 1.38 |
| Basic Luminous Shape | Rectangular w/Sides |
| Luminous Length (0-180) | 2.29 ft |
| Luminous Width (90-270) | 0.17 ft |
| Luminous Height | 0.15 ft |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 28276 | 18355 | 15845 |
| 55 | 28156 | 16313 | 13530 |
| 65 | 28506 | 14229 | 11356 |
| 75 | 29930 | 11717 | 8876 |
| 85 | 34311 | 8111 | 5736 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BTRI-22-LED35-MO.IES

CANDELA TABULATION

| | <u>0.0</u> | <u>22.5</u> | <u>45.0</u> | <u>67.5</u> | <u>90.0</u> | <u>112.5</u> | <u>135.0</u> | <u>157.5</u> | <u>180.0</u> | <u>202.5</u> |
|--------------|------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| 0.0 | 1136.835 | 1136.835 | 1136.835 | 1136.835 | 1136.835 | 1136.835 | 1136.835 | 1136.835 | 1136.835 | 1136.835 |
| 2.5 | 1131.570 | 1142.100 | 1140.345 | 1134.000 | 1130.355 | 1133.460 | 1138.725 | 1144.530 | 1135.350 | 1144.530 |
| 5.0 | 1130.895 | 1141.020 | 1139.400 | 1134.675 | 1131.570 | 1134.405 | 1136.700 | 1146.285 | 1141.560 | 1146.285 |
| 7.5 | 1131.840 | 1137.510 | 1136.025 | 1134.405 | 1129.545 | 1124.820 | 1130.355 | 1142.100 | 1130.085 | 1142.100 |
| 10.0 | 1116.585 | 1128.870 | 1124.685 | 1123.200 | 1118.610 | 1116.450 | 1123.470 | 1130.085 | 1123.470 | 1130.085 |
| 12.5 | 1104.165 | 1111.320 | 1113.075 | 1109.565 | 1106.325 | 1104.570 | 1112.940 | 1117.395 | 1109.025 | 1117.395 |
| 15.0 | 1089.045 | 1097.415 | 1097.145 | 1093.635 | 1086.750 | 1089.045 | 1098.360 | 1100.925 | 1095.120 | 1100.925 |
| 17.5 | 1071.495 | 1075.815 | 1078.650 | 1076.085 | 1067.445 | 1071.900 | 1080.675 | 1082.430 | 1075.950 | 1082.430 |
| 20.0 | 1051.650 | 1053.000 | 1057.185 | 1057.590 | 1044.630 | 1050.570 | 1055.565 | 1060.155 | 1058.265 | 1060.155 |
| 22.5 | 1024.920 | 1026.810 | 1034.505 | 1032.885 | 1020.330 | 1026.540 | 1028.970 | 1035.180 | 1030.320 | 1035.180 |
| 25.0 | 998.865 | 1000.350 | 1006.155 | 1004.805 | 991.980 | 1001.025 | 1000.080 | 1006.965 | 1003.050 | 1006.965 |
| 27.5 | 972.135 | 972.810 | 976.995 | 977.805 | 963.225 | 970.920 | 971.865 | 978.345 | 974.970 | 978.345 |
| 30.0 | 939.600 | 940.140 | 946.080 | 949.185 | 935.415 | 943.515 | 943.650 | 948.240 | 947.835 | 948.240 |
| 32.5 | 912.600 | 909.495 | 916.920 | 918.405 | 901.260 | 913.005 | 912.195 | 916.785 | 917.325 | 916.785 |
| 35.0 | 882.630 | 877.635 | 886.680 | 888.435 | 869.940 | 881.550 | 880.065 | 886.680 | 888.435 | 886.680 |
| 37.5 | 851.310 | 847.395 | 855.900 | 857.250 | 838.485 | 851.850 | 846.855 | 854.550 | 858.060 | 854.550 |
| 40.0 | 817.830 | 815.400 | 826.065 | 827.685 | 807.030 | 819.315 | 817.425 | 826.065 | 828.360 | 826.065 |
| 42.5 | 787.725 | 784.080 | 797.580 | 800.280 | 776.520 | 786.240 | 785.295 | 794.070 | 799.875 | 794.070 |
| 45.0 | 755.325 | 750.870 | 766.935 | 770.580 | 746.145 | 754.380 | 753.570 | 763.830 | 771.525 | 763.830 |
| 47.5 | 726.300 | 719.415 | 738.180 | 742.500 | 714.150 | 720.765 | 719.280 | 731.565 | 741.420 | 731.565 |
| 50.0 | 692.550 | 687.825 | 707.400 | 711.450 | 684.990 | 686.610 | 687.555 | 701.595 | 712.395 | 701.595 |
| 52.5 | 659.070 | 656.370 | 676.485 | 683.505 | 652.725 | 653.535 | 656.775 | 671.625 | 682.695 | 671.625 |
| 55.0 | 625.725 | 621.405 | 647.325 | 652.185 | 620.055 | 620.595 | 621.810 | 638.415 | 652.455 | 638.415 |
| 57.5 | 592.245 | 589.140 | 615.735 | 621.945 | 590.085 | 588.060 | 587.655 | 607.365 | 622.350 | 607.365 |
| 60.0 | 559.170 | 556.740 | 583.740 | 590.760 | 557.010 | 553.905 | 555.120 | 574.830 | 591.030 | 574.830 |
| 62.5 | 521.640 | 522.855 | 552.960 | 557.550 | 524.340 | 516.240 | 520.290 | 542.430 | 558.630 | 542.430 |
| 65.0 | 486.270 | 487.755 | 517.590 | 523.665 | 490.320 | 481.950 | 485.460 | 506.520 | 522.720 | 506.520 |
| 67.5 | 449.010 | 451.305 | 482.625 | 488.565 | 454.815 | 446.310 | 450.090 | 471.150 | 490.590 | 471.150 |
| 70.0 | 414.450 | 415.665 | 448.605 | 452.385 | 418.770 | 408.915 | 413.235 | 435.915 | 453.465 | 435.915 |
| 72.5 | 377.730 | 379.485 | 410.535 | 415.935 | 383.670 | 372.330 | 376.380 | 398.655 | 416.205 | 398.655 |
| 75.0 | 340.470 | 342.225 | 374.490 | 379.755 | 348.030 | 336.015 | 341.415 | 362.880 | 379.620 | 362.880 |
| 77.5 | 300.915 | 304.155 | 337.365 | 342.900 | 310.770 | 297.405 | 301.725 | 324.675 | 339.795 | 324.675 |
| 80.0 | 263.655 | 267.975 | 299.835 | 303.345 | 273.780 | 260.955 | 263.925 | 285.525 | 302.670 | 285.525 |
| 82.5 | 226.260 | 230.850 | 259.470 | 265.140 | 236.250 | 222.480 | 223.695 | 249.615 | 261.630 | 249.615 |
| 85.0 | 183.465 | 188.595 | 215.595 | 220.455 | 195.345 | 177.930 | 179.820 | 205.200 | 215.730 | 205.200 |
| 87.5 | 139.590 | 143.235 | 169.020 | 174.555 | 148.770 | 134.460 | 138.645 | 158.625 | 167.400 | 158.625 |
| 90.0 | 110.835 | 110.970 | 134.730 | 136.485 | 117.315 | 107.325 | 107.730 | 124.875 | 136.890 | 124.875 |
| 92.5 | 100.845 | 104.220 | 123.390 | 126.630 | 108.675 | 102.330 | 102.465 | 117.180 | 126.765 | 117.180 |
| 95.0 | 97.875 | 98.955 | 115.695 | 118.665 | 102.195 | 98.685 | 97.335 | 111.645 | 120.150 | 111.645 |
| 97.5 | 95.040 | 94.230 | 110.700 | 115.425 | 102.465 | 95.040 | 98.280 | 109.890 | 112.860 | 109.890 |
| 100.0 | 95.310 | 91.260 | 109.755 | 113.805 | 102.195 | 98.010 | 99.090 | 109.080 | 112.185 | 109.080 |
| 102.5 | 92.475 | 90.855 | 106.650 | 111.780 | 97.740 | 99.225 | 97.335 | 104.760 | 110.970 | 104.760 |
| 105.0 | 93.690 | 89.910 | 98.010 | 103.140 | 93.420 | 93.285 | 93.420 | 94.365 | 106.920 | 94.365 |
| 107.5 | 93.150 | 84.105 | 93.555 | 95.310 | 86.940 | 87.615 | 87.075 | 87.750 | 98.955 | 87.750 |
| 110.0 | 83.970 | 77.220 | 88.695 | 89.100 | 78.705 | 81.405 | 77.355 | 82.350 | 95.445 | 82.350 |
| 112.5 | 79.920 | 72.495 | 82.890 | 84.510 | 74.115 | 74.925 | 73.035 | 79.650 | 88.290 | 79.650 |
| 115.0 | 72.360 | 69.525 | 79.920 | 78.435 | 68.715 | 70.470 | 67.365 | 75.870 | 82.890 | 75.870 |
| 117.5 | 71.145 | 67.095 | 73.575 | 74.115 | 62.910 | 66.150 | 63.720 | 72.495 | 81.000 | 72.495 |
| 120.0 | 66.555 | 65.205 | 71.145 | 71.280 | 59.670 | 63.180 | 62.235 | 67.635 | 75.870 | 67.635 |
| 122.5 | 65.205 | 61.155 | 67.635 | 67.500 | 56.295 | 60.480 | 59.670 | 64.260 | 71.955 | 64.260 |
| 125.0 | 60.210 | 57.510 | 65.340 | 64.395 | 55.080 | 56.160 | 56.565 | 63.315 | 69.390 | 63.315 |
| 127.5 | 57.915 | 54.405 | 61.425 | 59.940 | 51.705 | 52.785 | 51.435 | 59.670 | 66.555 | 59.670 |
| 130.0 | 56.295 | 49.275 | 58.590 | 56.970 | 48.735 | 52.380 | 47.520 | 56.430 | 63.045 | 56.430 |
| 132.5 | 48.870 | 45.900 | 54.675 | 53.190 | 47.250 | 49.275 | 46.305 | 53.865 | 59.130 | 53.865 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BTRI-22-LED35-MO.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 135.0 | 44.820 | 42.795 | 51.300 | 50.895 | 45.360 | 44.685 | 43.200 | 51.840 | 57.240 | 51.840 |
| 137.5 | 36.990 | 41.175 | 48.195 | 47.385 | 41.985 | 41.040 | 40.905 | 49.410 | 55.350 | 49.410 |
| 140.0 | 33.480 | 38.745 | 45.900 | 44.010 | 40.500 | 39.555 | 38.880 | 45.225 | 51.030 | 45.225 |
| 142.5 | 31.995 | 35.505 | 42.930 | 42.525 | 36.045 | 35.235 | 35.910 | 43.065 | 48.195 | 43.065 |
| 145.0 | 28.215 | 31.995 | 39.825 | 39.150 | 34.560 | 32.805 | 34.290 | 40.500 | 45.765 | 40.500 |
| 147.5 | 24.975 | 31.320 | 36.585 | 37.800 | 32.400 | 28.620 | 30.780 | 38.340 | 39.285 | 38.340 |
| 150.0 | 23.220 | 28.620 | 34.020 | 33.885 | 30.240 | 26.730 | 29.700 | 34.695 | 38.205 | 34.695 |
| 152.5 | 22.410 | 25.785 | 32.535 | 30.915 | 27.405 | 23.625 | 27.000 | 31.995 | 32.940 | 31.995 |
| 155.0 | 17.955 | 23.625 | 28.485 | 28.755 | 22.545 | 22.275 | 23.625 | 28.755 | 31.185 | 28.755 |
| 157.5 | 17.820 | 21.465 | 27.405 | 26.865 | 22.005 | 19.305 | 23.760 | 26.055 | 26.325 | 26.055 |
| 160.0 | 15.255 | 20.520 | 24.705 | 24.975 | 19.980 | 17.415 | 19.170 | 23.625 | 24.570 | 23.625 |
| 162.5 | 14.040 | 18.495 | 21.330 | 22.005 | 17.550 | 14.850 | 16.470 | 21.195 | 23.220 | 21.195 |
| 165.0 | 11.610 | 16.065 | 19.035 | 18.360 | 15.660 | 13.230 | 16.200 | 17.820 | 19.440 | 17.820 |
| 167.5 | 12.285 | 15.255 | 15.525 | 16.605 | 12.285 | 11.610 | 14.175 | 15.255 | 15.390 | 15.255 |
| 170.0 | 11.745 | 11.880 | 12.150 | 13.500 | 10.935 | 9.720 | 11.610 | 11.745 | 13.770 | 11.745 |
| 172.5 | 10.935 | 9.855 | 10.125 | 10.395 | 9.180 | 8.910 | 9.450 | 10.530 | 11.745 | 10.530 |
| 175.0 | 7.425 | 8.370 | 7.830 | 8.235 | 8.235 | 7.425 | 8.235 | 8.505 | 8.100 | 8.505 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Vert. Angles **Horizontal Angles**

| | <u>225.0</u> | <u>247.5</u> | <u>270.0</u> | <u>292.5</u> | <u>315.0</u> | <u>337.5</u> | <u>360.0</u> |
|-------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 0.0 | 1136.835 | 1136.835 | 1136.835 | 1136.835 | 1136.835 | 1136.835 | 1136.835 |
| 2.5 | 1138.725 | 1133.460 | 1130.355 | 1134.000 | 1140.345 | 1142.100 | 1131.570 |
| 5.0 | 1136.700 | 1134.405 | 1131.570 | 1134.675 | 1139.400 | 1141.020 | 1130.895 |
| 7.5 | 1130.355 | 1124.820 | 1129.545 | 1134.405 | 1136.025 | 1137.510 | 1131.840 |
| 10.0 | 1123.470 | 1116.450 | 1118.610 | 1123.200 | 1124.685 | 1128.870 | 1116.585 |
| 12.5 | 1112.940 | 1104.570 | 1106.325 | 1109.565 | 1113.075 | 1111.320 | 1104.165 |
| 15.0 | 1098.360 | 1089.045 | 1086.750 | 1093.635 | 1097.145 | 1097.415 | 1089.045 |
| 17.5 | 1080.675 | 1071.900 | 1067.445 | 1076.085 | 1078.650 | 1075.815 | 1071.495 |
| 20.0 | 1055.565 | 1050.570 | 1044.630 | 1057.590 | 1057.185 | 1053.000 | 1051.650 |
| 22.5 | 1028.970 | 1026.540 | 1020.330 | 1032.885 | 1034.505 | 1026.810 | 1024.920 |
| 25.0 | 1000.080 | 1001.025 | 991.980 | 1004.805 | 1006.155 | 1000.350 | 998.865 |
| 27.5 | 971.865 | 970.920 | 963.225 | 977.805 | 976.995 | 972.810 | 972.135 |
| 30.0 | 943.650 | 943.515 | 935.415 | 949.185 | 946.080 | 940.140 | 939.600 |
| 32.5 | 912.195 | 913.005 | 901.260 | 918.405 | 916.920 | 909.495 | 912.600 |
| 35.0 | 880.065 | 881.550 | 869.940 | 888.435 | 886.680 | 877.635 | 882.630 |
| 37.5 | 846.855 | 851.850 | 838.485 | 857.250 | 855.900 | 847.395 | 851.310 |
| 40.0 | 817.425 | 819.315 | 807.030 | 827.685 | 826.065 | 815.400 | 817.830 |
| 42.5 | 785.295 | 786.240 | 776.520 | 800.280 | 797.580 | 784.080 | 787.725 |
| 45.0 | 753.570 | 754.380 | 746.145 | 770.580 | 766.935 | 750.870 | 755.325 |
| 47.5 | 719.280 | 720.765 | 714.150 | 742.500 | 738.180 | 719.415 | 726.300 |
| 50.0 | 687.555 | 686.610 | 684.990 | 711.450 | 707.400 | 687.825 | 692.550 |
| 52.5 | 656.775 | 653.535 | 652.725 | 683.505 | 676.485 | 656.370 | 659.070 |
| 55.0 | 621.810 | 620.595 | 620.055 | 652.185 | 647.325 | 621.405 | 625.725 |
| 57.5 | 587.655 | 588.060 | 590.085 | 621.945 | 615.735 | 589.140 | 592.245 |
| 60.0 | 555.120 | 553.905 | 557.010 | 590.760 | 583.740 | 556.740 | 559.170 |
| 62.5 | 520.290 | 516.240 | 524.340 | 557.550 | 552.960 | 522.855 | 521.640 |
| 65.0 | 485.460 | 481.950 | 490.320 | 523.665 | 517.590 | 487.755 | 486.270 |
| 67.5 | 450.090 | 446.310 | 454.815 | 488.565 | 482.625 | 451.305 | 449.010 |
| 70.0 | 413.235 | 408.915 | 418.770 | 452.385 | 448.605 | 415.665 | 414.450 |
| 72.5 | 376.380 | 372.330 | 383.670 | 415.935 | 410.535 | 379.485 | 377.730 |
| 75.0 | 341.415 | 336.015 | 348.030 | 379.755 | 374.490 | 342.225 | 340.470 |
| 77.5 | 301.725 | 297.405 | 310.770 | 342.900 | 337.365 | 304.155 | 300.915 |
| 80.0 | 263.925 | 260.955 | 273.780 | 303.345 | 299.835 | 267.975 | 263.655 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BTRI-22-LED35-MO.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | |
|-------|---------|---------|---------|---------|---------|---------|---------|
| 82.5 | 223.695 | 222.480 | 236.250 | 265.140 | 259.470 | 230.850 | 226.260 |
| 85.0 | 179.820 | 177.930 | 195.345 | 220.455 | 215.595 | 188.595 | 183.465 |
| 87.5 | 138.645 | 134.460 | 148.770 | 174.555 | 169.020 | 143.235 | 139.590 |
| 90.0 | 107.730 | 107.325 | 117.315 | 136.485 | 134.730 | 110.970 | 110.835 |
| 92.5 | 102.465 | 102.330 | 108.675 | 126.630 | 123.390 | 104.220 | 100.845 |
| 95.0 | 97.335 | 98.685 | 102.195 | 118.665 | 115.695 | 98.955 | 97.875 |
| 97.5 | 98.280 | 95.040 | 102.465 | 115.425 | 110.700 | 94.230 | 95.040 |
| 100.0 | 99.090 | 98.010 | 102.195 | 113.805 | 109.755 | 91.260 | 95.310 |
| 102.5 | 97.335 | 99.225 | 97.740 | 111.780 | 106.650 | 90.855 | 92.475 |
| 105.0 | 93.420 | 93.285 | 93.420 | 103.140 | 98.010 | 89.910 | 93.690 |
| 107.5 | 87.075 | 87.615 | 86.940 | 95.310 | 93.555 | 84.105 | 93.150 |
| 110.0 | 77.355 | 81.405 | 78.705 | 89.100 | 88.695 | 77.220 | 83.970 |
| 112.5 | 73.035 | 74.925 | 74.115 | 84.510 | 82.890 | 72.495 | 79.920 |
| 115.0 | 67.365 | 70.470 | 68.715 | 78.435 | 79.920 | 69.525 | 72.360 |
| 117.5 | 63.720 | 66.150 | 62.910 | 74.115 | 73.575 | 67.095 | 71.145 |
| 120.0 | 62.235 | 63.180 | 59.670 | 71.280 | 71.145 | 65.205 | 66.555 |
| 122.5 | 59.670 | 60.480 | 56.295 | 67.500 | 67.635 | 61.155 | 65.205 |
| 125.0 | 56.565 | 56.160 | 55.080 | 64.395 | 65.340 | 57.510 | 60.210 |
| 127.5 | 51.435 | 52.785 | 51.705 | 59.940 | 61.425 | 54.405 | 57.915 |
| 130.0 | 47.520 | 52.380 | 48.735 | 56.970 | 58.590 | 49.275 | 56.295 |
| 132.5 | 46.305 | 49.275 | 47.250 | 53.190 | 54.675 | 45.900 | 48.870 |
| 135.0 | 43.200 | 44.685 | 45.360 | 50.895 | 51.300 | 42.795 | 44.820 |
| 137.5 | 40.905 | 41.040 | 41.985 | 47.385 | 48.195 | 41.175 | 36.990 |
| 140.0 | 38.880 | 39.555 | 40.500 | 44.010 | 45.900 | 38.745 | 33.480 |
| 142.5 | 35.910 | 35.235 | 36.045 | 42.525 | 42.930 | 35.505 | 31.995 |
| 145.0 | 34.290 | 32.805 | 34.560 | 39.150 | 39.825 | 31.995 | 28.215 |
| 147.5 | 30.780 | 28.620 | 32.400 | 37.800 | 36.585 | 31.320 | 24.975 |
| 150.0 | 29.700 | 26.730 | 30.240 | 33.885 | 34.020 | 28.620 | 23.220 |
| 152.5 | 27.000 | 23.625 | 27.405 | 30.915 | 32.535 | 25.785 | 22.410 |
| 155.0 | 23.625 | 22.275 | 22.545 | 28.755 | 28.485 | 23.625 | 17.955 |
| 157.5 | 23.760 | 19.305 | 22.005 | 26.865 | 27.405 | 21.465 | 17.820 |
| 160.0 | 19.170 | 17.415 | 19.980 | 24.975 | 24.705 | 20.520 | 15.255 |
| 162.5 | 16.470 | 14.850 | 17.550 | 22.005 | 21.330 | 18.495 | 14.040 |
| 165.0 | 16.200 | 13.230 | 15.660 | 18.360 | 19.035 | 16.065 | 11.610 |
| 167.5 | 14.175 | 11.610 | 12.285 | 16.605 | 15.525 | 15.255 | 12.285 |
| 170.0 | 11.610 | 9.720 | 10.935 | 13.500 | 12.150 | 11.880 | 11.745 |
| 172.5 | 9.450 | 8.910 | 9.180 | 10.395 | 10.125 | 9.855 | 10.935 |
| 175.0 | 8.235 | 7.425 | 8.235 | 8.235 | 7.830 | 8.370 | 7.425 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BTRI-22-LED35-MO.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|-------|--------|
| 0-20 | 416.76 | N.A. | 10.20 |
| 0-30 | 878.44 | N.A. | 21.50 |
| 0-40 | 1430.97 | N.A. | 35.00 |
| 0-60 | 2583.71 | N.A. | 63.10 |
| 0-80 | 3453.09 | N.A. | 84.40 |
| 0-90 | 3668.9 | N.A. | 89.60 |
| 10-90 | 3560.77 | N.A. | 87.00 |
| 20-40 | 1014.22 | N.A. | 24.80 |
| 20-50 | 1600.35 | N.A. | 39.10 |
| 40-70 | 1647.43 | N.A. | 40.20 |
| 60-80 | 869.39 | N.A. | 21.20 |
| 70-80 | 374.69 | N.A. | 9.20 |
| 80-90 | 215.80 | N.A. | 5.30 |
| 90-110 | 219.12 | N.A. | 5.40 |
| 90-120 | 292.68 | N.A. | 7.20 |
| 90-130 | 346.70 | N.A. | 8.50 |
| 90-150 | 406.64 | N.A. | 9.90 |
| 90-180 | 424.37 | N.A. | 10.40 |
| 110-180 | 205.24 | N.A. | 5.00 |
| 0-180 | 4093.26 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 108.12 |
| 10-20 | 308.64 |
| 20-30 | 461.69 |
| 30-40 | 552.53 |
| 40-50 | 586.14 |
| 50-60 | 566.60 |
| 60-70 | 494.70 |
| 70-80 | 374.69 |
| 80-90 | 215.80 |
| 90-100 | 118.54 |
| 100-110 | 100.59 |
| 110-120 | 73.56 |
| 120-130 | 54.02 |
| 130-140 | 37.01 |
| 140-150 | 22.93 |
| 150-160 | 12.11 |
| 160-170 | 4.82 |
| 170-180 | 0.80 |

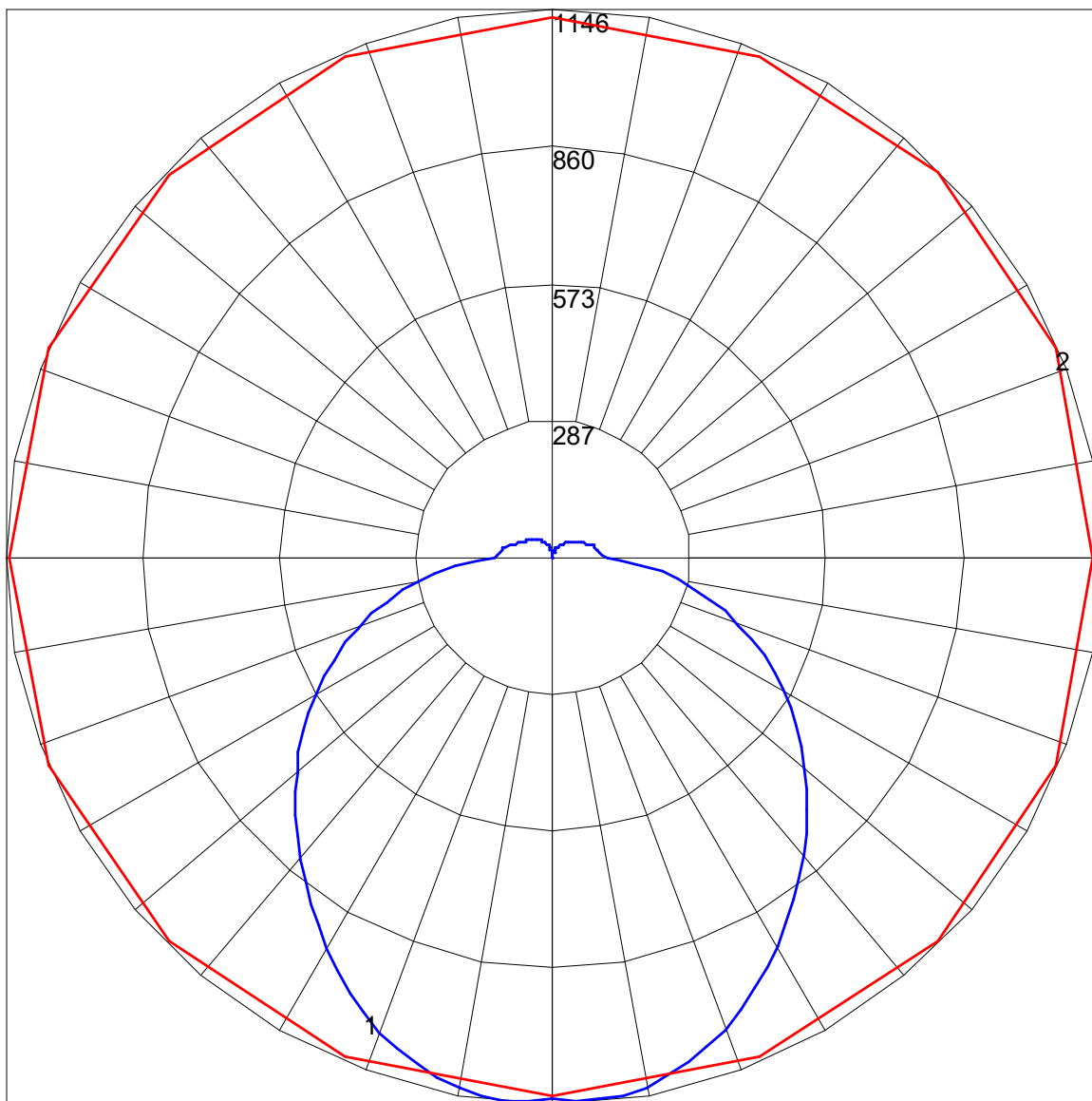
IES INDOOR REPORT
PHOTOMETRIC FILENAME : BTRI-22-LED35-MO.IES

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 | 117 | 117 | 117 | 117 | 113 | 113 | 113 | 113 | 105 | 105 | 105 | 99 | 99 | 99 | 93 | 93 | 93 | 90 |
| 1 | 104 | 99 | 94 | 89 | 101 | 96 | 91 | 87 | 89 | 86 | 82 | 84 | 81 | 78 | 78 | 76 | 74 | 71 |
| 2 | 94 | 85 | 77 | 71 | 90 | 82 | 75 | 69 | 77 | 71 | 66 | 72 | 67 | 63 | 67 | 64 | 60 | 57 |
| 3 | 85 | 74 | 65 | 58 | 82 | 72 | 64 | 57 | 67 | 60 | 55 | 63 | 57 | 52 | 59 | 54 | 50 | 48 |
| 4 | 78 | 65 | 56 | 49 | 75 | 63 | 55 | 48 | 59 | 52 | 46 | 56 | 49 | 44 | 52 | 47 | 43 | 40 |
| 5 | 71 | 58 | 49 | 42 | 69 | 56 | 48 | 41 | 53 | 45 | 40 | 50 | 43 | 38 | 47 | 41 | 37 | 34 |
| 6 | 66 | 52 | 43 | 36 | 63 | 51 | 42 | 36 | 48 | 40 | 35 | 45 | 38 | 33 | 42 | 37 | 32 | 30 |
| 7 | 61 | 47 | 38 | 32 | 59 | 46 | 37 | 31 | 43 | 36 | 30 | 41 | 34 | 29 | 39 | 33 | 29 | 26 |
| 8 | 57 | 43 | 34 | 28 | 55 | 42 | 34 | 28 | 40 | 32 | 27 | 38 | 31 | 26 | 36 | 30 | 26 | 23 |
| 9 | 53 | 39 | 31 | 25 | 51 | 38 | 30 | 25 | 36 | 29 | 24 | 35 | 28 | 24 | 33 | 27 | 23 | 21 |
| 10 | 50 | 36 | 28 | 23 | 48 | 35 | 28 | 23 | 34 | 27 | 22 | 32 | 26 | 21 | 30 | 25 | 21 | 19 |

POLAR GRAPH



Maximum Candela = 1146.285 Located At Horizontal Angle = 157.5, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (157.5 - 337.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)