



IES INDOOR REPORT

PHOTOMETRIC FILENAME : QUAD-40-LED35-MO-D1.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] Quad-40-LED35-MO-D1
 [TESTLAB] Intertek
 [ISSUE DATE] March 14, 2017
 [MANUFAC] Prudential Lighting

CHARACTERISTICS

| | |
|---------------------------------|-----------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 15042 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 94 |
| Total Luminaire Watts | 160 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 1.26 |
| Spacing Criterion (90-270) | 1.26 |
| Spacing Criterion (Diagonal) | 1.38 |
| Basic Luminous Shape | Rectangular |
| Luminous Length (0-180) | 3.90 ft |
| Luminous Width (90-270) | 3.90 ft |
| Luminous Height | 0.00 ft |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 3450 | 3470 | 3489 |
| 55 | 3335 | 3351 | 3372 |
| 65 | 3153 | 3175 | 3205 |
| 75 | 2890 | 2911 | 2964 |
| 85 | 2443 | 2489 | 2586 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : QUAD-40-LED35-MO-D1.IES

CANDELA TABULATION

| | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 | 112.5 | 135.0 | 157.5 | 180.0 | 202.5 |
|--------------|------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| 0.0 | 5190.055 | 5190.055 | 5190.055 | 5190.055 | 5190.055 | 5190.055 | 5190.055 | 5190.055 | 5190.055 | 5190.055 |
| 2.5 | 5181.938 | 5182.356 | 5181.158 | 5180.946 | 5189.505 | 5180.946 | 5181.158 | 5182.356 | 5181.938 | 5182.356 |
| 5.0 | 5180.476 | 5164.007 | 5165.338 | 5167.908 | 5173.459 | 5167.908 | 5165.338 | 5164.007 | 5180.476 | 5164.007 |
| 7.5 | 5139.403 | 5139.337 | 5130.440 | 5130.976 | 5136.371 | 5130.976 | 5130.440 | 5139.337 | 5139.403 | 5139.337 |
| 10.0 | 5096.943 | 5093.940 | 5098.828 | 5091.740 | 5101.403 | 5091.740 | 5098.828 | 5093.940 | 5096.943 | 5093.940 |
| 12.5 | 5042.169 | 5042.757 | 5042.907 | 5044.703 | 5044.529 | 5044.703 | 5042.907 | 5042.757 | 5042.169 | 5042.757 |
| 15.0 | 4983.142 | 4982.117 | 4980.012 | 4983.903 | 4990.347 | 4983.903 | 4980.012 | 4982.117 | 4983.142 | 4982.117 |
| 17.5 | 4906.729 | 4904.365 | 4912.069 | 4910.508 | 4919.015 | 4910.508 | 4912.069 | 4904.365 | 4906.729 | 4904.365 |
| 20.0 | 4821.298 | 4822.750 | 4817.091 | 4826.623 | 4832.526 | 4826.623 | 4817.091 | 4822.750 | 4821.298 | 4822.750 |
| 22.5 | 4729.131 | 4723.942 | 4726.484 | 4728.693 | 4731.349 | 4728.693 | 4726.484 | 4723.942 | 4729.131 | 4723.942 |
| 25.0 | 4619.644 | 4619.075 | 4621.778 | 4627.611 | 4635.060 | 4627.611 | 4621.778 | 4619.075 | 4619.644 | 4619.075 |
| 27.5 | 4508.184 | 4505.274 | 4503.794 | 4516.084 | 4514.120 | 4516.084 | 4503.794 | 4505.274 | 4508.184 | 4505.274 |
| 30.0 | 4374.407 | 4377.002 | 4384.668 | 4389.128 | 4396.483 | 4389.128 | 4384.668 | 4377.002 | 4374.407 | 4377.002 |
| 32.5 | 4234.507 | 4243.512 | 4244.556 | 4251.352 | 4269.259 | 4251.352 | 4244.556 | 4243.512 | 4234.507 | 4243.512 |
| 35.0 | 4095.425 | 4097.921 | 4104.392 | 4115.705 | 4121.500 | 4115.705 | 4104.392 | 4097.921 | 4095.425 | 4097.921 |
| 37.5 | 3952.117 | 3948.667 | 3955.586 | 3968.910 | 3975.293 | 3968.910 | 3955.586 | 3948.667 | 3952.117 | 3948.667 |
| 40.0 | 3782.602 | 3792.905 | 3801.656 | 3810.751 | 3811.916 | 3810.751 | 3801.656 | 3792.905 | 3782.602 | 3792.905 |
| 42.5 | 3615.705 | 3627.028 | 3632.353 | 3642.984 | 3658.823 | 3642.984 | 3632.353 | 3627.028 | 3615.705 | 3627.028 |
| 45.0 | 3443.004 | 3451.844 | 3463.275 | 3472.788 | 3482.117 | 3472.788 | 3463.275 | 3451.844 | 3443.004 | 3451.844 |
| 47.5 | 3273.127 | 3276.600 | 3283.608 | 3293.539 | 3295.273 | 3293.539 | 3283.608 | 3276.600 | 3273.127 | 3276.600 |
| 50.0 | 3080.831 | 3088.516 | 3100.712 | 3110.507 | 3111.438 | 3110.507 | 3100.712 | 3088.516 | 3080.831 | 3088.516 |
| 52.5 | 2890.824 | 2892.878 | 2908.228 | 2916.514 | 2927.230 | 2916.514 | 2908.228 | 2892.878 | 2890.824 | 2892.878 |
| 55.0 | 2700.004 | 2699.318 | 2712.925 | 2722.193 | 2730.112 | 2722.193 | 2712.925 | 2699.318 | 2700.004 | 2699.318 |
| 57.5 | 2495.258 | 2501.754 | 2512.831 | 2518.678 | 2529.963 | 2518.678 | 2512.831 | 2501.754 | 2495.258 | 2501.754 |
| 60.0 | 2289.878 | 2293.910 | 2308.038 | 2318.139 | 2325.917 | 2318.139 | 2308.038 | 2293.910 | 2289.878 | 2293.910 |
| 62.5 | 2082.645 | 2090.945 | 2105.675 | 2114.680 | 2118.751 | 2114.680 | 2105.675 | 2090.945 | 2082.645 | 2090.945 |
| 65.0 | 1880.503 | 1878.317 | 1893.907 | 1907.805 | 1911.847 | 1907.805 | 1893.907 | 1878.317 | 1880.503 | 1878.317 |
| 67.5 | 1671.950 | 1672.899 | 1681.190 | 1696.888 | 1699.825 | 1696.888 | 1681.190 | 1672.899 | 1671.950 | 1672.899 |
| 70.0 | 1460.572 | 1462.884 | 1473.835 | 1485.778 | 1499.488 | 1485.778 | 1473.835 | 1462.884 | 1460.572 | 1462.884 |
| 72.5 | 1255.107 | 1259.811 | 1270.880 | 1277.686 | 1287.198 | 1277.686 | 1270.880 | 1259.811 | 1255.107 | 1259.811 |
| 75.0 | 1055.780 | 1058.496 | 1063.389 | 1074.787 | 1082.809 | 1074.787 | 1063.389 | 1058.496 | 1055.780 | 1058.496 |
| 77.5 | 859.146 | 859.606 | 862.535 | 876.583 | 881.974 | 876.583 | 862.535 | 859.606 | 859.146 | 859.606 |
| 80.0 | 670.384 | 670.892 | 673.068 | 680.927 | 690.566 | 680.927 | 673.068 | 670.892 | 670.384 | 670.892 |
| 82.5 | 481.938 | 484.072 | 488.057 | 492.471 | 498.247 | 492.471 | 488.057 | 484.072 | 481.938 | 484.072 |
| 85.0 | 300.471 | 307.018 | 306.158 | 314.712 | 318.134 | 314.712 | 306.158 | 307.018 | 300.471 | 307.018 |
| 87.5 | 143.021 | 146.344 | 144.849 | 148.379 | 149.930 | 148.379 | 144.849 | 146.344 | 143.021 | 146.344 |
| 90.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 92.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 97.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 102.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 107.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : QUAD-40-LED35-MO-D1.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 135.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 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**

| | 225.0 | 247.5 | 270.0 | 292.5 | 315.0 | 337.5 | 360.0 |
|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 0.0 | 5190.055 | 5190.055 | 5190.055 | 5190.055 | 5190.055 | 5190.055 | 5190.055 |
| 2.5 | 5181.158 | 5180.946 | 5189.505 | 5180.946 | 5181.158 | 5182.356 | 5181.938 |
| 5.0 | 5165.338 | 5167.908 | 5173.459 | 5167.908 | 5165.338 | 5164.007 | 5180.476 |
| 7.5 | 5130.440 | 5130.976 | 5136.371 | 5130.976 | 5130.440 | 5139.337 | 5139.403 |
| 10.0 | 5098.828 | 5091.740 | 5101.403 | 5091.740 | 5098.828 | 5093.940 | 5096.943 |
| 12.5 | 5042.907 | 5044.703 | 5044.529 | 5044.703 | 5042.907 | 5042.757 | 5042.169 |
| 15.0 | 4980.012 | 4983.903 | 4990.347 | 4983.903 | 4980.012 | 4982.117 | 4983.142 |
| 17.5 | 4912.069 | 4910.508 | 4919.015 | 4910.508 | 4912.069 | 4904.365 | 4906.729 |
| 20.0 | 4817.091 | 4826.623 | 4832.526 | 4826.623 | 4817.091 | 4822.750 | 4821.298 |
| 22.5 | 4726.484 | 4728.693 | 4731.349 | 4728.693 | 4726.484 | 4723.942 | 4729.131 |
| 25.0 | 4621.778 | 4627.611 | 4635.060 | 4627.611 | 4621.778 | 4619.075 | 4619.644 |
| 27.5 | 4503.794 | 4516.084 | 4514.120 | 4516.084 | 4503.794 | 4505.274 | 4508.184 |
| 30.0 | 4384.668 | 4389.128 | 4396.483 | 4389.128 | 4384.668 | 4377.002 | 4374.407 |
| 32.5 | 4244.556 | 4251.352 | 4269.259 | 4251.352 | 4244.556 | 4243.512 | 4234.507 |
| 35.0 | 4104.392 | 4115.705 | 4121.500 | 4115.705 | 4104.392 | 4097.921 | 4095.425 |
| 37.5 | 3955.586 | 3968.910 | 3975.293 | 3968.910 | 3955.586 | 3948.667 | 3952.117 |
| 40.0 | 3801.656 | 3810.751 | 3811.916 | 3810.751 | 3801.656 | 3792.905 | 3782.602 |
| 42.5 | 3632.353 | 3642.984 | 3658.823 | 3642.984 | 3632.353 | 3627.028 | 3615.705 |
| 45.0 | 3463.275 | 3472.788 | 3482.117 | 3472.788 | 3463.275 | 3451.844 | 3443.004 |
| 47.5 | 3283.608 | 3293.539 | 3295.273 | 3293.539 | 3283.608 | 3276.600 | 3273.127 |
| 50.0 | 3100.712 | 3110.507 | 3111.438 | 3110.507 | 3100.712 | 3088.516 | 3080.831 |
| 52.5 | 2908.228 | 2916.514 | 2927.230 | 2916.514 | 2908.228 | 2892.878 | 2890.824 |
| 55.0 | 2712.925 | 2722.193 | 2730.112 | 2722.193 | 2712.925 | 2699.318 | 2700.004 |
| 57.5 | 2512.831 | 2518.678 | 2529.963 | 2518.678 | 2512.831 | 2501.754 | 2495.258 |
| 60.0 | 2308.038 | 2318.139 | 2325.917 | 2318.139 | 2308.038 | 2293.910 | 2289.878 |
| 62.5 | 2105.675 | 2114.680 | 2118.751 | 2114.680 | 2105.675 | 2090.945 | 2082.645 |
| 65.0 | 1893.907 | 1907.805 | 1911.847 | 1907.805 | 1893.907 | 1878.317 | 1880.503 |
| 67.5 | 1681.190 | 1696.888 | 1699.825 | 1696.888 | 1681.190 | 1672.899 | 1671.950 |
| 70.0 | 1473.835 | 1485.778 | 1499.488 | 1485.778 | 1473.835 | 1462.884 | 1460.572 |
| 72.5 | 1270.880 | 1277.686 | 1287.198 | 1277.686 | 1270.880 | 1259.811 | 1255.107 |
| 75.0 | 1063.389 | 1074.787 | 1082.809 | 1074.787 | 1063.389 | 1058.496 | 1055.780 |
| 77.5 | 862.535 | 876.583 | 881.974 | 876.583 | 862.535 | 859.606 | 859.146 |
| 80.0 | 673.068 | 680.927 | 690.566 | 680.927 | 673.068 | 670.892 | 670.384 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : QUAD-40-LED35-MO-D1.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | |
|-------|---------|---------|---------|---------|---------|---------|---------|
| 82.5 | 488.057 | 492.471 | 498.247 | 492.471 | 488.057 | 484.072 | 481.938 |
| 85.0 | 306.158 | 314.712 | 318.134 | 314.712 | 306.158 | 307.018 | 300.471 |
| 87.5 | 144.849 | 148.379 | 149.930 | 148.379 | 144.849 | 146.344 | 143.021 |
| 90.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 92.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 95.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 97.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 102.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 107.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 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 : QUAD-40-LED35-MO-D1.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|----------|-------|--------|
| 0-20 | 1896.95 | N.A. | 12.60 |
| 0-30 | 4027.61 | N.A. | 26.80 |
| 0-40 | 6597.06 | N.A. | 43.90 |
| 0-60 | 11690.72 | N.A. | 77.70 |
| 0-80 | 14693.4 | N.A. | 97.70 |
| 0-90 | 15042.37 | N.A. | 100.00 |
| 10-90 | 14551.5 | N.A. | 96.70 |
| 20-40 | 4700.11 | N.A. | 31.20 |
| 20-50 | 7370.7 | N.A. | 49.00 |
| 40-70 | 6967.56 | N.A. | 46.30 |
| 60-80 | 3002.68 | N.A. | 20.00 |
| 70-80 | 1128.78 | N.A. | 7.50 |
| 80-90 | 348.97 | N.A. | 2.30 |
| 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 | 15042.37 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|---------|
| 0-10 | 490.87 |
| 10-20 | 1406.08 |
| 20-30 | 2130.66 |
| 30-40 | 2569.45 |
| 40-50 | 2670.59 |
| 50-60 | 2423.07 |
| 60-70 | 1873.9 |
| 70-80 | 1128.78 |
| 80-90 | 348.97 |
| 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 |

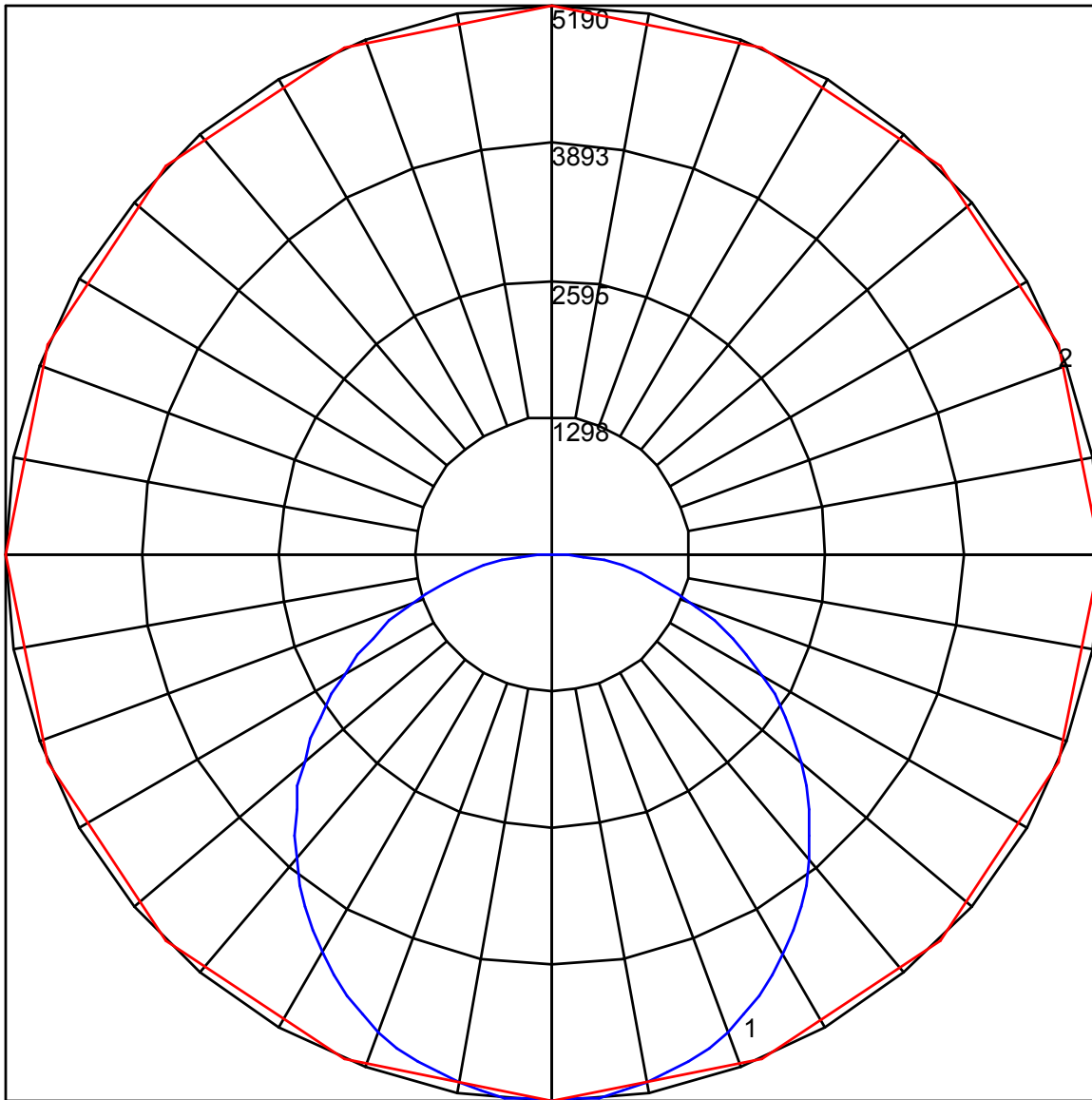
IES INDOOR REPORT
PHOTOMETRIC FILENAME : QUAD-40-LED35-MO-D1.IES

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 | 108 | 103 | 99 | 95 | 106 | 101 | 97 | 94 | 97 | 94 | 91 | 93 | 90 | 88 | 89 | 87 | 85 | 83 |
| 2 | 98 | 90 | 83 | 77 | 96 | 88 | 82 | 76 | 84 | 79 | 74 | 81 | 77 | 73 | 78 | 74 | 71 | 69 |
| 3 | 90 | 79 | 71 | 64 | 87 | 77 | 70 | 63 | 74 | 68 | 62 | 71 | 66 | 61 | 69 | 64 | 60 | 58 |
| 4 | 82 | 70 | 61 | 54 | 80 | 68 | 60 | 54 | 66 | 59 | 53 | 64 | 57 | 52 | 61 | 56 | 51 | 49 |
| 5 | 75 | 62 | 53 | 46 | 73 | 61 | 53 | 46 | 59 | 51 | 46 | 57 | 50 | 45 | 55 | 49 | 45 | 42 |
| 6 | 70 | 56 | 47 | 40 | 68 | 55 | 46 | 40 | 53 | 46 | 40 | 52 | 45 | 40 | 50 | 44 | 39 | 37 |
| 7 | 64 | 51 | 42 | 36 | 63 | 50 | 42 | 36 | 48 | 41 | 35 | 47 | 40 | 35 | 46 | 39 | 35 | 33 |
| 8 | 60 | 46 | 38 | 32 | 58 | 46 | 37 | 32 | 44 | 37 | 31 | 43 | 36 | 31 | 42 | 36 | 31 | 29 |
| 9 | 56 | 42 | 34 | 29 | 55 | 42 | 34 | 28 | 41 | 33 | 28 | 40 | 33 | 28 | 39 | 32 | 28 | 26 |
| 10 | 53 | 39 | 31 | 26 | 51 | 39 | 31 | 26 | 38 | 31 | 26 | 37 | 30 | 26 | 36 | 30 | 25 | 24 |

POLAR GRAPH



Maximum Candela = 5190.055 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.)