



IES INDOOR REPORT

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

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] C-40-LED35-MO-D1
 [TESTLAB] Intertek
 [ISSUE DATE] March 6, 2017
 [MANUFAC] Prudential Lighting

CHARACTERISTICS

| | |
|---------------------------------|--------------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 2727 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 67 |
| Total Luminaire Watts | 41 |
| 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 | Unknown |
| Luminous Length (0-180) | 3.00 ft (Diameter) |
| Luminous Width (90-270) | 2.17 ft (Diameter) |
| Luminous Height | 0.00 ft |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 0 | 0 | 0 |
| 55 | 0 | 0 | 0 |
| 65 | 0 | 0 | 0 |
| 75 | 0 | 0 | 0 |
| 85 | 0 | 0 | 0 |

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PHOTOMETRIC FILENAME : C-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 | 943.823 | 943.823 | 943.823 | 943.823 | 943.823 | 943.823 | 943.823 | 943.823 | 943.823 | 943.823 |
| 2.5 | 947.563 | 943.704 | 941.528 | 940.882 | 941.749 | 940.882 | 941.528 | 943.704 | 947.563 | 943.704 |
| 5.0 | 944.129 | 940.423 | 938.162 | 937.635 | 938.434 | 937.635 | 938.162 | 940.423 | 944.129 | 940.423 |
| 7.5 | 938.808 | 935.102 | 932.773 | 932.246 | 933.317 | 932.246 | 932.773 | 935.102 | 938.808 | 935.102 |
| 10.0 | 931.124 | 927.588 | 925.497 | 924.919 | 925.769 | 924.919 | 925.497 | 927.588 | 931.124 | 927.588 |
| 12.5 | 921.706 | 918.153 | 916.028 | 915.501 | 916.334 | 915.501 | 916.028 | 918.153 | 921.706 | 918.153 |
| 15.0 | 910.265 | 906.814 | 904.468 | 903.992 | 904.604 | 903.992 | 904.468 | 906.814 | 910.265 | 906.814 |
| 17.5 | 896.648 | 893.469 | 890.749 | 890.273 | 890.749 | 890.273 | 890.749 | 893.469 | 896.648 | 893.469 |
| 20.0 | 881.178 | 877.931 | 874.939 | 874.395 | 875.211 | 874.395 | 874.939 | 877.931 | 881.178 | 877.931 |
| 22.5 | 863.872 | 860.251 | 857.208 | 856.953 | 857.616 | 856.953 | 857.208 | 860.251 | 863.872 | 860.251 |
| 25.0 | 844.662 | 840.837 | 837.828 | 837.760 | 838.661 | 837.760 | 837.828 | 840.837 | 844.662 | 840.837 |
| 27.5 | 822.919 | 819.706 | 816.986 | 816.969 | 817.938 | 816.969 | 816.986 | 819.706 | 822.919 | 819.706 |
| 30.0 | 799.561 | 797.181 | 794.325 | 794.512 | 795.260 | 794.512 | 794.325 | 797.181 | 799.561 | 797.181 |
| 32.5 | 775.013 | 772.973 | 769.981 | 770.457 | 770.525 | 770.457 | 769.981 | 772.973 | 775.013 | 772.973 |
| 35.0 | 749.615 | 747.082 | 743.835 | 744.243 | 744.396 | 744.243 | 743.835 | 747.082 | 749.615 | 747.082 |
| 37.5 | 722.908 | 719.559 | 716.329 | 716.669 | 716.924 | 716.669 | 716.329 | 719.559 | 722.908 | 719.559 |
| 40.0 | 694.246 | 690.727 | 687.565 | 687.684 | 688.024 | 687.684 | 687.565 | 690.727 | 694.246 | 690.727 |
| 42.5 | 663.493 | 660.569 | 657.475 | 657.730 | 658.104 | 657.730 | 657.475 | 660.569 | 663.493 | 660.569 |
| 45.0 | 631.431 | 629.136 | 626.195 | 626.535 | 626.807 | 626.535 | 626.195 | 629.136 | 631.431 | 629.136 |
| 47.5 | 598.791 | 596.411 | 593.691 | 593.844 | 594.235 | 593.844 | 593.691 | 596.411 | 598.791 | 596.411 |
| 50.0 | 565.743 | 562.632 | 560.184 | 559.963 | 560.507 | 559.963 | 560.184 | 562.632 | 565.743 | 562.632 |
| 52.5 | 531.862 | 527.935 | 525.657 | 524.926 | 525.674 | 524.926 | 525.657 | 527.935 | 531.862 | 527.935 |
| 55.0 | 496.451 | 492.660 | 490.144 | 489.141 | 490.093 | 489.141 | 490.144 | 492.660 | 496.451 | 492.660 |
| 57.5 | 459.595 | 456.450 | 453.866 | 452.761 | 453.968 | 452.761 | 453.866 | 456.450 | 459.595 | 456.450 |
| 60.0 | 422.263 | 419.390 | 416.806 | 415.786 | 417.316 | 415.786 | 416.806 | 419.390 | 422.263 | 419.390 |
| 62.5 | 385.186 | 381.820 | 379.355 | 378.539 | 380.154 | 378.539 | 379.355 | 381.820 | 385.186 | 381.820 |
| 65.0 | 348.177 | 344.029 | 341.632 | 340.952 | 342.873 | 340.952 | 341.632 | 344.029 | 348.177 | 344.029 |
| 67.5 | 310.624 | 306.272 | 303.807 | 303.212 | 305.456 | 303.212 | 303.807 | 306.272 | 310.624 | 306.272 |
| 70.0 | 272.612 | 268.464 | 265.948 | 265.370 | 268.090 | 265.370 | 265.948 | 268.464 | 272.612 | 268.464 |
| 72.5 | 234.889 | 230.894 | 228.361 | 228.055 | 231.115 | 228.055 | 228.361 | 230.894 | 234.889 | 230.894 |
| 75.0 | 197.880 | 193.664 | 191.267 | 191.352 | 194.871 | 191.352 | 191.267 | 193.664 | 197.880 | 193.664 |
| 77.5 | 161.500 | 157.063 | 154.955 | 155.431 | 158.984 | 155.431 | 154.955 | 157.063 | 161.500 | 157.063 |
| 80.0 | 125.579 | 121.669 | 119.748 | 120.462 | 123.488 | 120.462 | 119.748 | 121.669 | 125.579 | 121.669 |
| 82.5 | 90.491 | 87.601 | 85.952 | 86.581 | 88.961 | 86.581 | 85.952 | 87.601 | 90.491 | 87.601 |
| 85.0 | 56.882 | 54.876 | 53.856 | 54.026 | 56.083 | 54.026 | 53.856 | 54.876 | 56.882 | 54.876 |
| 87.5 | 25.109 | 23.766 | 23.681 | 23.358 | 24.854 | 23.358 | 23.681 | 23.766 | 25.109 | 23.766 |
| 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 |

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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 | 943.823 | 943.823 | 943.823 | 943.823 | 943.823 | 943.823 | 943.823 |
| 2.5 | 941.528 | 940.882 | 941.749 | 940.882 | 941.528 | 943.704 | 947.563 |
| 5.0 | 938.162 | 937.635 | 938.434 | 937.635 | 938.162 | 940.423 | 944.129 |
| 7.5 | 932.773 | 932.246 | 933.317 | 932.246 | 932.773 | 935.102 | 938.808 |
| 10.0 | 925.497 | 924.919 | 925.769 | 924.919 | 925.497 | 927.588 | 931.124 |
| 12.5 | 916.028 | 915.501 | 916.334 | 915.501 | 916.028 | 918.153 | 921.706 |
| 15.0 | 904.468 | 903.992 | 904.604 | 903.992 | 904.468 | 906.814 | 910.265 |
| 17.5 | 890.749 | 890.273 | 890.749 | 890.273 | 890.749 | 893.469 | 896.648 |
| 20.0 | 874.939 | 874.395 | 875.211 | 874.395 | 874.939 | 877.931 | 881.178 |
| 22.5 | 857.208 | 856.953 | 857.616 | 856.953 | 857.208 | 860.251 | 863.872 |
| 25.0 | 837.828 | 837.760 | 838.661 | 837.760 | 837.828 | 840.837 | 844.662 |
| 27.5 | 816.986 | 816.969 | 817.938 | 816.969 | 816.986 | 819.706 | 822.919 |
| 30.0 | 794.325 | 794.512 | 795.260 | 794.512 | 794.325 | 797.181 | 799.561 |
| 32.5 | 769.981 | 770.457 | 770.525 | 770.457 | 769.981 | 772.973 | 775.013 |
| 35.0 | 743.835 | 744.243 | 744.396 | 744.243 | 743.835 | 747.082 | 749.615 |
| 37.5 | 716.329 | 716.669 | 716.924 | 716.669 | 716.329 | 719.559 | 722.908 |
| 40.0 | 687.565 | 687.684 | 688.024 | 687.684 | 687.565 | 690.727 | 694.246 |
| 42.5 | 657.475 | 657.730 | 658.104 | 657.730 | 657.475 | 660.569 | 663.493 |
| 45.0 | 626.195 | 626.535 | 626.807 | 626.535 | 626.195 | 629.136 | 631.431 |
| 47.5 | 593.691 | 593.844 | 594.235 | 593.844 | 593.691 | 596.411 | 598.791 |
| 50.0 | 560.184 | 559.963 | 560.507 | 559.963 | 560.184 | 562.632 | 565.743 |
| 52.5 | 525.657 | 524.926 | 525.674 | 524.926 | 525.657 | 527.935 | 531.862 |
| 55.0 | 490.144 | 489.141 | 490.093 | 489.141 | 490.144 | 492.660 | 496.451 |
| 57.5 | 453.866 | 452.761 | 453.968 | 452.761 | 453.866 | 456.450 | 459.595 |
| 60.0 | 416.806 | 415.786 | 417.316 | 415.786 | 416.806 | 419.390 | 422.263 |
| 62.5 | 379.355 | 378.539 | 380.154 | 378.539 | 379.355 | 381.820 | 385.186 |
| 65.0 | 341.632 | 340.952 | 342.873 | 340.952 | 341.632 | 344.029 | 348.177 |
| 67.5 | 303.807 | 303.212 | 305.456 | 303.212 | 303.807 | 306.272 | 310.624 |
| 70.0 | 265.948 | 265.370 | 268.090 | 265.370 | 265.948 | 268.464 | 272.612 |
| 72.5 | 228.361 | 228.055 | 231.115 | 228.055 | 228.361 | 230.894 | 234.889 |
| 75.0 | 191.267 | 191.352 | 194.871 | 191.352 | 191.267 | 193.664 | 197.880 |
| 77.5 | 154.955 | 155.431 | 158.984 | 155.431 | 154.955 | 157.063 | 161.500 |
| 80.0 | 119.748 | 120.462 | 123.488 | 120.462 | 119.748 | 121.669 | 125.579 |

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

| | | | | | | | |
|--------------|--------|--------|--------|--------|--------|--------|--------|
| 82.5 | 85.952 | 86.581 | 88.961 | 86.581 | 85.952 | 87.601 | 90.491 |
| 85.0 | 53.856 | 54.026 | 56.083 | 54.026 | 53.856 | 54.876 | 56.882 |
| 87.5 | 23.681 | 23.358 | 24.854 | 23.358 | 23.681 | 23.766 | 25.109 |
| 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
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ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|---------|-------|--------|
| 0-20 | 344.82 | N.A. | 12.60 |
| 0-30 | 731.72 | N.A. | 26.80 |
| 0-40 | 1198.07 | N.A. | 43.90 |
| 0-60 | 2121.19 | N.A. | 77.80 |
| 0-80 | 2664.96 | N.A. | 97.70 |
| 0-90 | 2726.73 | N.A. | 100.00 |
| 10-90 | 2637.46 | N.A. | 96.70 |
| 20-40 | 853.25 | N.A. | 31.30 |
| 20-50 | 1337.36 | N.A. | 49.00 |
| 40-70 | 1262.56 | N.A. | 46.30 |
| 60-80 | 543.78 | N.A. | 19.90 |
| 70-80 | 204.33 | N.A. | 7.50 |
| 80-90 | 61.76 | 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 | 2726.73 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 89.26 |
| 10-20 | 255.56 |
| 20-30 | 386.90 |
| 30-40 | 466.35 |
| 40-50 | 484.11 |
| 50-60 | 439.01 |
| 60-70 | 339.44 |
| 70-80 | 204.33 |
| 80-90 | 61.76 |
| 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 |

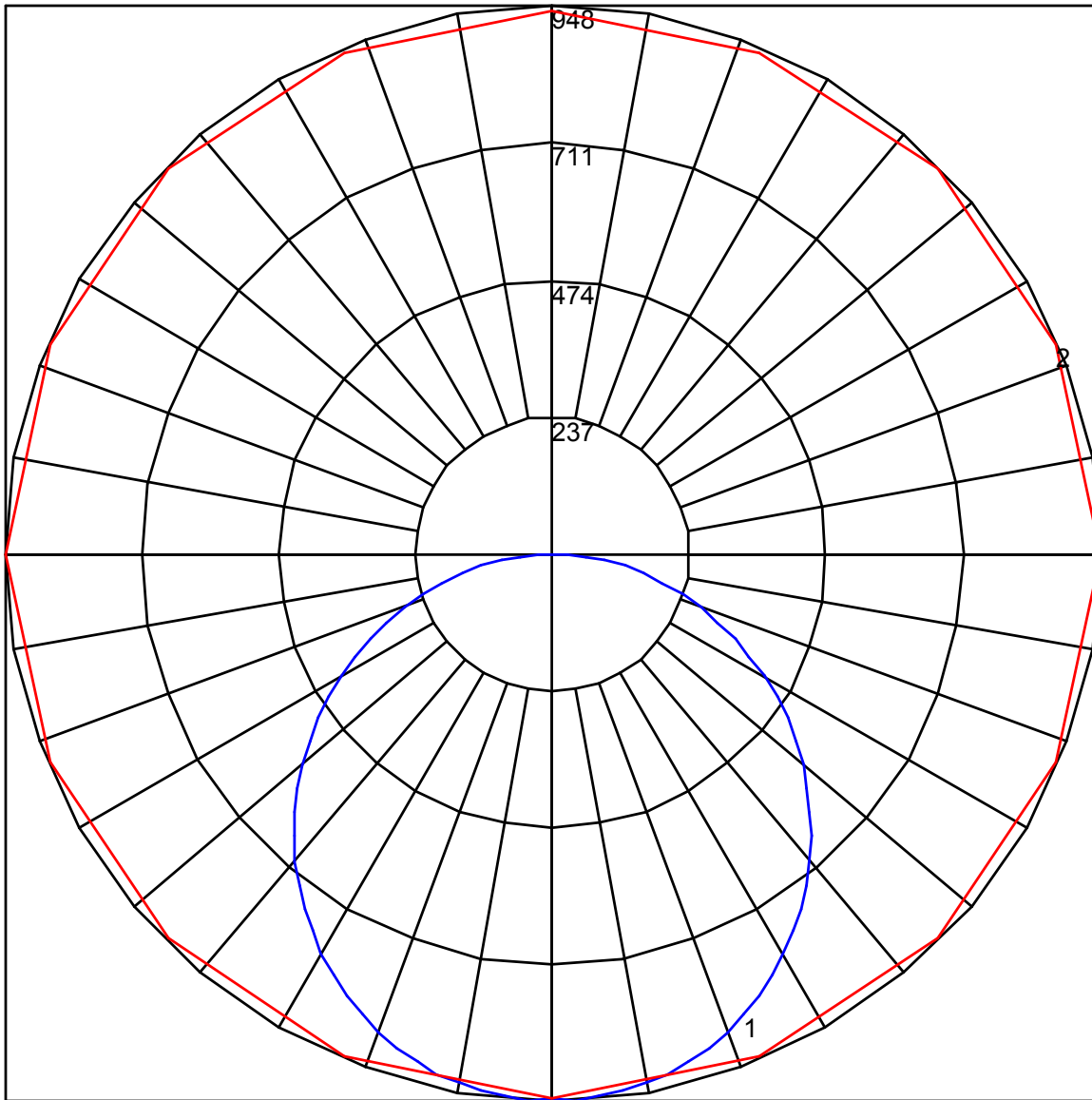
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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 | 108 | 104 | 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 | 85 | 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 | 47 | 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 | 32 | 43 | 36 | 31 | 42 | 36 | 31 | 29 |
| 9 | 56 | 43 | 34 | 29 | 55 | 42 | 34 | 29 | 41 | 33 | 28 | 40 | 33 | 28 | 39 | 33 | 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 = 947.563 Located At Horizontal Angle = 0, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)