



IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6C-ASY-0-UNVET12-35LG-1.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 4629
[TESTLAB] Tempo LLC
[ISSUE DATE] 9/24/2024 2:17:38 PM
[MANUFAC] Tempo LLC
[LUMCAT] C6C-ASY-0-UNVET12-35LG-1
[LUMINAIRE] Light gray aluminum housing with lens
[LAMP] Sixteen (16) white LEDs (3500K) with asymmetric optics
[ELECTRICALS] 119.86 VAC, 0.0993 A, 0.9568 PF

CHARACTERISTICS

| | |
|---------------------------------|---------------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 940 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 79 |
| Total Luminaire Watts | 11.9 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 0.64 |
| Spacing Criterion (90-270) | 1.10 |
| Spacing Criterion (Diagonal) | 0.80 |
| Basic Luminous Shape | Rectangular w/Sides |
| Luminous Length (0-180) | 0.08 ft |
| Luminous Width (90-270) | 0.97 ft |
| Luminous Height | 0.02 ft |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 14460 | 27173 | 59497 |
| 55 | 9687 | 17829 | 41600 |
| 65 | 6850 | 11307 | 29794 |
| 75 | 4824 | 6944 | 21483 |
| 85 | 4308 | 5585 | 11599 |

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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> |
|--------------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0.0 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 |
| 2.5 | 870.24 | 869.55 | 868.85 | 867.51 | 866.17 | 865.12 | 864.07 | 861.27 | 858.46 | 856.70 |
| 5.0 | 858.39 | 858.15 | 857.90 | 857.75 | 857.59 | 858.48 | 859.37 | 858.95 | 858.52 | 858.88 |
| 7.5 | 811.66 | 811.84 | 812.02 | 814.80 | 817.58 | 822.59 | 827.60 | 831.87 | 836.13 | 841.59 |
| 10.0 | 737.64 | 738.68 | 739.70 | 745.99 | 752.27 | 762.50 | 772.73 | 783.53 | 794.31 | 806.06 |
| 12.5 | 650.29 | 651.80 | 653.30 | 662.89 | 672.47 | 687.19 | 701.91 | 719.29 | 736.66 | 755.48 |
| 15.0 | 563.31 | 565.11 | 566.90 | 578.30 | 589.70 | 607.47 | 625.23 | 647.62 | 670.00 | 695.88 |
| 17.5 | 483.38 | 486.13 | 488.88 | 500.58 | 512.28 | 531.50 | 550.71 | 576.12 | 601.53 | 632.87 |
| 20.0 | 414.65 | 417.90 | 421.13 | 432.39 | 443.65 | 462.95 | 482.24 | 508.95 | 535.66 | 570.28 |
| 22.5 | 356.31 | 359.08 | 361.84 | 373.15 | 384.45 | 403.22 | 421.98 | 448.63 | 475.28 | 511.16 |
| 25.0 | 305.05 | 307.91 | 310.75 | 321.64 | 332.52 | 350.63 | 368.73 | 395.01 | 421.27 | 456.92 |
| 27.5 | 261.75 | 264.62 | 267.49 | 277.46 | 287.43 | 304.64 | 321.85 | 347.17 | 372.48 | 407.36 |
| 30.0 | 225.73 | 228.50 | 231.27 | 240.44 | 249.62 | 265.41 | 281.20 | 305.05 | 328.89 | 362.55 |
| 32.5 | 194.42 | 197.13 | 199.84 | 208.36 | 216.87 | 231.74 | 246.61 | 268.34 | 290.07 | 321.77 |
| 35.0 | 167.68 | 170.05 | 172.41 | 180.40 | 188.38 | 202.19 | 215.99 | 236.12 | 256.26 | 285.17 |
| 37.5 | 145.04 | 147.20 | 149.35 | 156.56 | 163.77 | 176.32 | 188.86 | 207.61 | 226.35 | 252.37 |
| 40.0 | 126.29 | 128.07 | 129.85 | 136.16 | 142.46 | 153.69 | 164.91 | 182.04 | 199.16 | 222.75 |
| 42.5 | 109.80 | 111.38 | 112.96 | 118.52 | 124.07 | 134.05 | 144.03 | 159.28 | 174.53 | 195.95 |
| 45.0 | 95.91 | 97.46 | 98.99 | 103.66 | 108.32 | 117.17 | 126.01 | 139.33 | 152.64 | 171.86 |
| 47.5 | 83.93 | 85.29 | 86.65 | 90.63 | 94.60 | 102.15 | 109.71 | 121.53 | 133.35 | 150.25 |
| 50.0 | 73.58 | 74.65 | 75.72 | 79.07 | 82.41 | 88.89 | 95.36 | 105.72 | 116.08 | 130.80 |
| 52.5 | 64.46 | 65.27 | 66.06 | 68.99 | 71.91 | 77.42 | 82.92 | 91.79 | 100.65 | 113.34 |
| 55.0 | 56.58 | 57.27 | 57.95 | 60.26 | 62.57 | 67.13 | 71.68 | 79.24 | 86.79 | 97.78 |
| 57.5 | 49.67 | 50.17 | 50.66 | 52.49 | 54.32 | 58.02 | 61.71 | 68.06 | 74.41 | 83.89 |
| 60.0 | 43.67 | 44.04 | 44.39 | 45.81 | 47.22 | 50.11 | 53.00 | 58.21 | 63.42 | 71.45 |
| 62.5 | 38.36 | 38.61 | 38.85 | 40.00 | 41.14 | 43.27 | 45.40 | 49.56 | 53.72 | 60.37 |
| 65.0 | 33.37 | 33.61 | 33.84 | 34.80 | 35.74 | 37.34 | 38.94 | 41.99 | 45.03 | 50.62 |
| 67.5 | 28.89 | 29.03 | 29.17 | 29.96 | 30.74 | 32.06 | 33.39 | 35.70 | 38.00 | 42.30 |
| 70.0 | 24.79 | 24.90 | 25.00 | 25.57 | 26.15 | 27.24 | 28.32 | 30.07 | 31.81 | 34.93 |
| 72.5 | 21.06 | 21.17 | 21.27 | 21.75 | 22.22 | 23.00 | 23.78 | 25.03 | 26.27 | 28.55 |
| 75.0 | 18.11 | 18.20 | 18.27 | 18.59 | 18.90 | 19.34 | 19.78 | 20.72 | 21.66 | 23.15 |
| 77.5 | 15.74 | 15.84 | 15.94 | 16.12 | 16.31 | 16.66 | 17.00 | 17.41 | 17.81 | 18.72 |
| 80.0 | 14.11 | 14.15 | 14.18 | 14.32 | 14.45 | 14.70 | 14.93 | 15.11 | 15.29 | 15.54 |
| 82.5 | 12.44 | 12.52 | 12.60 | 12.71 | 12.82 | 13.09 | 13.35 | 13.42 | 13.50 | 13.46 |
| 85.0 | 10.87 | 10.94 | 10.99 | 11.10 | 11.21 | 11.48 | 11.75 | 11.77 | 11.77 | 11.67 |
| 87.5 | 9.48 | 9.46 | 9.44 | 9.65 | 9.86 | 10.08 | 10.30 | 10.32 | 10.33 | 10.07 |
| 90.0 | 8.09 | 8.09 | 8.07 | 8.25 | 8.42 | 8.65 | 8.89 | 8.94 | 8.98 | 8.70 |
| 100.0 | 4.02 | 4.02 | 4.01 | 4.13 | 4.25 | 4.32 | 4.39 | 4.28 | 4.16 | 3.82 |
| 110.0 | 2.28 | 2.18 | 2.06 | 2.01 | 1.96 | 1.73 | 1.49 | 1.12 | 0.76 | 0.67 |
| 120.0 | 0.41 | 0.43 | 0.44 | 0.42 | 0.39 | 0.43 | 0.46 | 0.46 | 0.46 | 0.49 |
| 130.0 | 0.43 | 0.41 | 0.38 | 0.38 | 0.37 | 0.38 | 0.40 | 0.39 | 0.38 | 0.42 |
| 140.0 | 0.42 | 0.43 | 0.43 | 0.43 | 0.43 | 0.41 | 0.39 | 0.42 | 0.45 | 0.46 |
| 150.0 | 0.37 | 0.36 | 0.35 | 0.34 | 0.33 | 0.34 | 0.35 | 0.35 | 0.36 | 0.35 |
| 160.0 | 0.29 | 0.30 | 0.30 | 0.29 | 0.27 | 0.27 | 0.27 | 0.26 | 0.25 | 0.27 |
| 170.0 | 0.17 | 0.15 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.15 | 0.14 |
| 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>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> |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 0.0 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 |
| 2.5 | 854.94 | 854.16 | 853.38 | 850.06 | 846.73 | 843.43 | 840.12 | 836.52 | 832.92 | 828.87 |
| 5.0 | 859.22 | 859.22 | 859.21 | 856.40 | 853.58 | 848.37 | 843.15 | 836.69 | 830.21 | 821.59 |
| 7.5 | 847.05 | 850.81 | 854.56 | 853.64 | 852.72 | 847.18 | 841.64 | 833.09 | 824.52 | 810.83 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 10.0 | 817.80 | 827.81 | 837.82 | 840.90 | 843.98 | 839.84 | 835.69 | 824.83 | 813.97 | 796.02 |
| 12.5 | 774.28 | 792.03 | 809.78 | 818.32 | 826.85 | 825.56 | 824.26 | 811.74 | 799.21 | 776.83 |
| 15.0 | 721.76 | 747.18 | 772.60 | 787.24 | 801.88 | 804.03 | 806.17 | 793.19 | 780.21 | 753.81 |
| 17.5 | 664.20 | 696.28 | 728.35 | 750.37 | 772.38 | 778.14 | 783.90 | 771.08 | 758.26 | 727.91 |
| 20.0 | 604.90 | 642.88 | 680.86 | 709.58 | 738.30 | 748.51 | 758.72 | 745.78 | 732.84 | 699.58 |
| 22.5 | 547.04 | 589.45 | 631.85 | 665.85 | 699.85 | 714.47 | 729.09 | 716.62 | 704.14 | 668.56 |
| 25.0 | 492.55 | 536.98 | 581.41 | 619.87 | 658.33 | 676.58 | 694.83 | 683.25 | 671.67 | 634.08 |
| 27.5 | 442.24 | 486.94 | 531.63 | 572.91 | 614.17 | 635.30 | 656.43 | 645.51 | 634.59 | 596.69 |
| 30.0 | 396.20 | 439.62 | 483.04 | 525.51 | 567.97 | 591.02 | 614.05 | 604.07 | 594.09 | 556.24 |
| 32.5 | 353.46 | 394.84 | 436.22 | 478.05 | 519.88 | 544.13 | 568.38 | 559.16 | 549.95 | 513.18 |
| 35.0 | 314.08 | 353.01 | 391.93 | 432.27 | 472.61 | 496.66 | 520.70 | 512.21 | 503.71 | 468.84 |
| 37.5 | 278.37 | 314.19 | 350.00 | 387.87 | 425.73 | 449.10 | 472.47 | 464.64 | 456.81 | 424.52 |
| 40.0 | 246.33 | 278.62 | 310.90 | 345.80 | 380.70 | 402.66 | 424.62 | 417.46 | 410.30 | 380.92 |
| 42.5 | 217.36 | 245.95 | 274.54 | 306.11 | 337.66 | 357.83 | 377.99 | 371.71 | 365.42 | 339.02 |
| 45.0 | 191.07 | 216.43 | 241.78 | 269.51 | 297.25 | 315.45 | 333.64 | 328.06 | 322.47 | 299.34 |
| 47.5 | 167.15 | 189.45 | 211.74 | 235.97 | 260.19 | 276.14 | 292.09 | 287.26 | 282.42 | 262.92 |
| 50.0 | 145.51 | 164.96 | 184.41 | 205.64 | 226.86 | 240.79 | 254.73 | 250.56 | 246.40 | 229.82 |
| 52.5 | 126.03 | 142.88 | 159.73 | 177.97 | 196.21 | 208.57 | 220.93 | 217.29 | 213.65 | 199.84 |
| 55.0 | 108.77 | 123.25 | 137.73 | 153.32 | 168.91 | 179.61 | 190.31 | 187.43 | 184.54 | 173.04 |
| 57.5 | 93.36 | 105.79 | 118.20 | 131.44 | 144.67 | 153.91 | 163.13 | 160.93 | 158.73 | 149.27 |
| 60.0 | 79.47 | 90.11 | 100.74 | 112.00 | 123.25 | 131.22 | 139.18 | 137.58 | 135.99 | 128.41 |
| 62.5 | 67.02 | 76.26 | 85.49 | 94.88 | 104.27 | 111.34 | 118.40 | 117.30 | 116.19 | 110.08 |
| 65.0 | 56.21 | 63.93 | 71.64 | 79.67 | 87.68 | 93.80 | 99.90 | 99.37 | 98.84 | 93.98 |
| 67.5 | 46.60 | 53.03 | 59.45 | 66.13 | 72.81 | 77.99 | 83.15 | 83.28 | 83.39 | 79.34 |
| 70.0 | 38.05 | 43.26 | 48.47 | 54.07 | 59.67 | 64.16 | 68.64 | 69.05 | 69.46 | 66.23 |
| 72.5 | 30.81 | 34.83 | 38.83 | 43.40 | 47.97 | 51.75 | 55.52 | 56.14 | 56.75 | 54.24 |
| 75.0 | 24.64 | 27.47 | 30.28 | 33.90 | 37.52 | 40.65 | 43.78 | 44.42 | 45.07 | 43.20 |
| 77.5 | 19.62 | 21.33 | 23.04 | 25.69 | 28.33 | 30.75 | 33.16 | 33.76 | 34.35 | 33.16 |
| 80.0 | 15.78 | 16.52 | 17.26 | 18.77 | 20.28 | 22.09 | 23.89 | 24.38 | 24.87 | 24.22 |
| 82.5 | 13.41 | 13.15 | 12.89 | 13.27 | 13.65 | 14.74 | 15.84 | 16.21 | 16.57 | 16.37 |
| 85.0 | 11.57 | 11.11 | 10.65 | 9.86 | 9.06 | 9.04 | 9.02 | 9.24 | 9.45 | 9.83 |
| 87.5 | 9.80 | 9.33 | 8.85 | 7.87 | 6.89 | 5.65 | 4.40 | 4.07 | 3.74 | 4.66 |
| 90.0 | 8.41 | 7.85 | 7.28 | 6.22 | 5.14 | 3.98 | 2.80 | 1.76 | 0.71 | 1.38 |
| 100.0 | 3.48 | 2.85 | 2.21 | 1.61 | 1.01 | 0.94 | 0.87 | 0.81 | 0.74 | 0.74 |
| 110.0 | 0.58 | 0.62 | 0.66 | 0.64 | 0.61 | 0.63 | 0.64 | 0.64 | 0.63 | 0.65 |
| 120.0 | 0.52 | 0.52 | 0.52 | 0.58 | 0.63 | 0.61 | 0.58 | 0.60 | 0.63 | 0.63 |
| 130.0 | 0.46 | 0.45 | 0.45 | 0.45 | 0.45 | 0.48 | 0.50 | 0.50 | 0.49 | 0.48 |
| 140.0 | 0.46 | 0.46 | 0.45 | 0.44 | 0.42 | 0.42 | 0.42 | 0.42 | 0.41 | 0.44 |
| 150.0 | 0.34 | 0.35 | 0.35 | 0.34 | 0.33 | 0.35 | 0.37 | 0.37 | 0.38 | 0.39 |
| 160.0 | 0.28 | 0.28 | 0.28 | 0.27 | 0.27 | 0.26 | 0.25 | 0.25 | 0.26 | 0.27 |
| 170.0 | 0.13 | 0.13 | 0.14 | 0.14 | 0.15 | 0.14 | 0.13 | 0.13 | 0.13 | 0.13 |
| 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>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> |
|------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 0.0 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 |
| 2.5 | 824.81 | 821.02 | 817.23 | 813.37 | 809.51 | 804.63 | 799.75 | 796.44 | 793.12 | 791.59 |
| 5.0 | 812.97 | 803.57 | 794.18 | 784.53 | 774.88 | 763.87 | 752.86 | 743.38 | 733.90 | 727.39 |
| 7.5 | 797.13 | 781.84 | 766.55 | 749.45 | 732.35 | 714.26 | 696.15 | 680.41 | 664.67 | 652.68 |
| 10.0 | 778.07 | 755.92 | 733.77 | 709.74 | 685.70 | 660.49 | 635.28 | 613.75 | 592.22 | 575.12 |
| 12.5 | 754.44 | 725.71 | 696.97 | 666.40 | 635.83 | 604.58 | 573.33 | 547.61 | 521.88 | 501.65 |
| 15.0 | 727.40 | 692.83 | 658.25 | 621.49 | 584.73 | 548.95 | 513.16 | 484.81 | 456.46 | 434.63 |
| 17.5 | 697.56 | 657.54 | 617.51 | 575.88 | 534.25 | 496.09 | 457.91 | 427.65 | 397.38 | 375.43 |
| 20.0 | 666.32 | 621.78 | 577.24 | 531.96 | 486.69 | 446.59 | 406.48 | 376.39 | 346.31 | 325.04 |
| 22.5 | 632.97 | 584.61 | 536.26 | 489.10 | 441.95 | 401.36 | 360.77 | 331.66 | 302.55 | 282.56 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 25.0 | 596.48 | 546.37 | 496.25 | 448.10 | 399.95 | 360.35 | 320.74 | 293.15 | 265.55 | 246.96 |
| 27.5 | 558.78 | 507.71 | 456.64 | 408.84 | 361.04 | 323.13 | 285.22 | 259.94 | 234.65 | 217.02 |
| 30.0 | 518.39 | 467.96 | 417.53 | 371.31 | 325.08 | 290.15 | 255.22 | 231.27 | 207.32 | 191.00 |
| 32.5 | 476.41 | 427.68 | 378.96 | 335.67 | 292.39 | 260.39 | 228.39 | 205.97 | 183.54 | 168.67 |
| 35.0 | 433.97 | 387.87 | 341.76 | 302.35 | 262.94 | 233.43 | 203.91 | 183.30 | 162.69 | 149.44 |
| 37.5 | 392.22 | 349.54 | 306.85 | 271.43 | 236.01 | 208.95 | 181.88 | 163.37 | 144.86 | 133.13 |
| 40.0 | 351.53 | 313.05 | 274.57 | 242.89 | 211.20 | 186.78 | 162.34 | 145.81 | 129.27 | 119.11 |
| 42.5 | 312.61 | 278.98 | 245.36 | 216.91 | 188.47 | 166.65 | 144.83 | 130.25 | 115.67 | 106.86 |
| 45.0 | 276.20 | 247.36 | 218.52 | 193.29 | 168.05 | 148.75 | 129.44 | 116.75 | 104.06 | 96.53 |
| 47.5 | 243.41 | 218.53 | 193.65 | 171.69 | 149.73 | 132.79 | 115.84 | 104.84 | 93.82 | 87.34 |
| 50.0 | 213.25 | 192.04 | 170.83 | 151.81 | 132.78 | 118.16 | 103.54 | 94.10 | 84.65 | 79.00 |
| 52.5 | 186.03 | 168.17 | 150.31 | 134.09 | 117.88 | 105.29 | 92.70 | 84.56 | 76.41 | 71.46 |
| 55.0 | 161.54 | 146.83 | 132.12 | 118.30 | 104.48 | 93.64 | 82.79 | 75.80 | 68.82 | 64.58 |
| 57.5 | 139.81 | 127.73 | 115.66 | 103.87 | 92.07 | 82.98 | 73.88 | 67.88 | 61.89 | 58.31 |
| 60.0 | 120.83 | 110.88 | 100.93 | 91.02 | 81.12 | 73.40 | 65.67 | 60.59 | 55.50 | 52.43 |
| 62.5 | 103.95 | 95.71 | 87.47 | 79.31 | 71.16 | 64.64 | 58.12 | 53.87 | 49.62 | 46.95 |
| 65.0 | 89.11 | 82.30 | 75.47 | 68.73 | 61.98 | 56.59 | 51.19 | 47.77 | 44.33 | 42.06 |
| 67.5 | 75.29 | 69.75 | 64.21 | 58.91 | 53.60 | 49.27 | 44.92 | 42.17 | 39.41 | 37.51 |
| 70.0 | 62.99 | 58.58 | 54.15 | 50.00 | 45.85 | 42.56 | 39.27 | 37.01 | 34.74 | 33.22 |
| 72.5 | 51.72 | 48.34 | 44.96 | 41.86 | 38.76 | 36.49 | 34.21 | 32.29 | 30.37 | 29.14 |
| 75.0 | 41.34 | 38.97 | 36.61 | 34.73 | 32.85 | 31.09 | 29.33 | 27.88 | 26.43 | 25.34 |
| 77.5 | 31.96 | 30.64 | 29.32 | 28.27 | 27.23 | 26.01 | 24.80 | 23.67 | 22.54 | 21.61 |
| 80.0 | 23.57 | 23.25 | 22.92 | 22.45 | 21.98 | 21.27 | 20.55 | 19.69 | 18.83 | 18.11 |
| 82.5 | 16.16 | 16.64 | 17.11 | 17.15 | 17.18 | 16.84 | 16.50 | 15.94 | 15.38 | 14.83 |
| 85.0 | 10.20 | 11.07 | 11.94 | 12.39 | 12.84 | 12.77 | 12.69 | 12.47 | 12.25 | 11.75 |
| 87.5 | 5.57 | 6.60 | 7.63 | 8.34 | 9.05 | 9.21 | 9.36 | 9.36 | 9.35 | 8.97 |
| 90.0 | 2.04 | 3.04 | 4.03 | 4.77 | 5.51 | 6.01 | 6.51 | 6.61 | 6.71 | 6.48 |
| 100.0 | 0.74 | 0.71 | 0.66 | 0.65 | 0.62 | 0.64 | 0.66 | 0.63 | 0.60 | 0.54 |
| 110.0 | 0.66 | 0.65 | 0.65 | 0.65 | 0.64 | 0.61 | 0.57 | 0.58 | 0.59 | 0.52 |
| 120.0 | 0.64 | 0.62 | 0.59 | 0.62 | 0.65 | 0.59 | 0.53 | 0.53 | 0.51 | 0.53 |
| 130.0 | 0.46 | 0.48 | 0.49 | 0.53 | 0.55 | 0.56 | 0.55 | 0.56 | 0.57 | 0.55 |
| 140.0 | 0.47 | 0.48 | 0.49 | 0.48 | 0.48 | 0.49 | 0.51 | 0.53 | 0.55 | 0.55 |
| 150.0 | 0.40 | 0.39 | 0.38 | 0.38 | 0.38 | 0.41 | 0.44 | 0.44 | 0.43 | 0.44 |
| 160.0 | 0.28 | 0.28 | 0.28 | 0.28 | 0.27 | 0.29 | 0.30 | 0.32 | 0.34 | 0.32 |
| 170.0 | 0.13 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.14 | 0.15 | 0.16 | 0.16 |
| 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>150</u> | <u>155</u> | <u>160</u> | <u>165</u> | <u>170</u> | <u>175</u> | <u>180</u> |
|------|------------|------------|------------|------------|------------|------------|------------|
| 0.0 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 | 837.94 |
| 2.5 | 790.06 | 788.26 | 786.45 | 785.38 | 784.30 | 783.28 | 782.26 |
| 5.0 | 720.88 | 714.73 | 708.58 | 704.74 | 700.90 | 698.39 | 695.86 |
| 7.5 | 640.69 | 630.19 | 619.68 | 613.41 | 607.14 | 603.60 | 600.04 |
| 10.0 | 558.02 | 545.25 | 532.47 | 523.68 | 514.88 | 511.09 | 507.28 |
| 12.5 | 481.42 | 466.79 | 452.16 | 442.35 | 432.53 | 428.14 | 423.75 |
| 15.0 | 412.80 | 397.20 | 381.60 | 371.79 | 361.97 | 357.67 | 353.36 |
| 17.5 | 353.48 | 338.17 | 322.85 | 313.32 | 303.78 | 299.79 | 295.79 |
| 20.0 | 303.76 | 289.13 | 274.49 | 265.95 | 257.40 | 253.62 | 249.83 |
| 22.5 | 262.57 | 249.18 | 235.79 | 227.54 | 219.28 | 216.01 | 212.73 |
| 25.0 | 228.36 | 215.70 | 203.03 | 195.65 | 188.26 | 185.43 | 182.59 |
| 27.5 | 199.40 | 187.87 | 176.33 | 169.47 | 162.60 | 160.09 | 157.57 |
| 30.0 | 174.67 | 164.19 | 153.70 | 147.90 | 142.11 | 139.91 | 137.71 |
| 32.5 | 153.80 | 144.53 | 135.25 | 130.28 | 125.31 | 123.53 | 121.75 |
| 35.0 | 136.19 | 128.25 | 120.30 | 116.10 | 111.90 | 110.40 | 108.90 |
| 37.5 | 121.40 | 114.66 | 107.91 | 104.32 | 100.73 | 99.40 | 98.07 |

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PHOTOMETRIC FILENAME : C6C-ASY-0-UNVET12-35LG-1.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | |
|--------------|--------|--------|-------|-------|-------|-------|-------|
| 40.0 | 108.94 | 103.17 | 97.40 | 94.24 | 91.08 | 90.01 | 88.93 |
| 42.5 | 98.03 | 93.12 | 88.21 | 85.62 | 83.03 | 82.07 | 81.10 |
| 45.0 | 88.99 | 84.62 | 80.24 | 77.99 | 75.73 | 74.78 | 73.83 |
| 47.5 | 80.86 | 76.99 | 73.10 | 71.04 | 68.97 | 68.12 | 67.27 |
| 50.0 | 73.34 | 70.00 | 66.65 | 64.75 | 62.84 | 62.15 | 61.46 |
| 52.5 | 66.50 | 63.60 | 60.69 | 59.12 | 57.56 | 57.07 | 56.58 |
| 55.0 | 60.34 | 57.86 | 55.38 | 54.01 | 52.64 | 52.08 | 51.52 |
| 57.5 | 54.73 | 52.46 | 50.18 | 48.92 | 47.65 | 47.09 | 46.53 |
| 60.0 | 49.36 | 47.40 | 45.43 | 44.27 | 43.11 | 42.71 | 42.31 |
| 62.5 | 44.28 | 42.61 | 40.92 | 40.04 | 39.16 | 38.89 | 38.62 |
| 65.0 | 39.77 | 38.43 | 37.08 | 36.37 | 35.66 | 35.43 | 35.20 |
| 67.5 | 35.61 | 34.46 | 33.31 | 32.79 | 32.26 | 32.00 | 31.73 |
| 70.0 | 31.69 | 30.70 | 29.70 | 29.20 | 28.70 | 28.29 | 27.88 |
| 72.5 | 27.90 | 27.03 | 26.16 | 25.58 | 24.99 | 24.60 | 24.20 |
| 75.0 | 24.24 | 23.40 | 22.56 | 22.02 | 21.47 | 21.07 | 20.67 |
| 77.5 | 20.67 | 19.90 | 19.13 | 18.58 | 18.03 | 17.77 | 17.51 |
| 80.0 | 17.39 | 16.70 | 16.00 | 15.53 | 15.05 | 14.76 | 14.47 |
| 82.5 | 14.28 | 13.68 | 13.09 | 12.64 | 12.19 | 12.00 | 11.81 |
| 85.0 | 11.25 | 10.85 | 10.44 | 10.12 | 9.79 | 9.61 | 9.41 |
| 87.5 | 8.59 | 8.29 | 7.99 | 7.73 | 7.46 | 7.38 | 7.29 |
| 90.0 | 6.25 | 6.03 | 5.81 | 5.65 | 5.49 | 5.35 | 5.20 |
| 100.0 | 0.49 | 0.47 | 0.44 | 0.51 | 0.58 | 0.53 | 0.47 |
| 110.0 | 0.43 | 0.44 | 0.43 | 0.42 | 0.41 | 0.38 | 0.35 |
| 120.0 | 0.55 | 0.55 | 0.54 | 0.49 | 0.43 | 0.44 | 0.43 |
| 130.0 | 0.54 | 0.53 | 0.51 | 0.53 | 0.53 | 0.47 | 0.40 |
| 140.0 | 0.55 | 0.56 | 0.57 | 0.54 | 0.51 | 0.51 | 0.51 |
| 150.0 | 0.45 | 0.48 | 0.52 | 0.51 | 0.49 | 0.47 | 0.45 |
| 160.0 | 0.29 | 0.32 | 0.36 | 0.35 | 0.34 | 0.33 | 0.32 |
| 170.0 | 0.16 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 |
| 180.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6C-ASY-0-UNVET12-35LG-1.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|--------|-------|--------|
| 0-20 | 242.63 | N.A. | 25.80 |
| 0-30 | 433.71 | N.A. | 46.10 |
| 0-40 | 606.02 | N.A. | 64.40 |
| 0-60 | 831.95 | N.A. | 88.50 |
| 0-80 | 920.28 | N.A. | 97.90 |
| 0-90 | 932.72 | N.A. | 99.20 |
| 10-90 | 858.91 | N.A. | 91.30 |
| 20-40 | 363.39 | N.A. | 38.60 |
| 20-50 | 496.99 | N.A. | 52.90 |
| 40-70 | 283.56 | N.A. | 30.20 |
| 60-80 | 88.33 | N.A. | 9.40 |
| 70-80 | 30.70 | N.A. | 3.30 |
| 80-90 | 12.44 | N.A. | 1.30 |
| 90-110 | 5.63 | N.A. | 0.60 |
| 90-120 | 6.31 | N.A. | 0.70 |
| 90-130 | 6.76 | N.A. | 0.70 |
| 90-150 | 7.39 | N.A. | 0.80 |
| 90-180 | 7.62 | N.A. | 0.80 |
| 110-180 | 1.99 | N.A. | 0.20 |
| 0-180 | 940.34 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|--------|
| 0-10 | 73.81 |
| 10-20 | 168.82 |
| 20-30 | 191.08 |
| 30-40 | 172.31 |
| 40-50 | 133.60 |
| 50-60 | 92.33 |
| 60-70 | 57.63 |
| 70-80 | 30.70 |
| 80-90 | 12.44 |
| 90-100 | 4.24 |
| 100-110 | 1.39 |
| 110-120 | 0.68 |
| 120-130 | 0.45 |
| 130-140 | 0.37 |
| 140-150 | 0.27 |
| 150-160 | 0.16 |
| 160-170 | 0.06 |
| 170-180 | 0.01 |

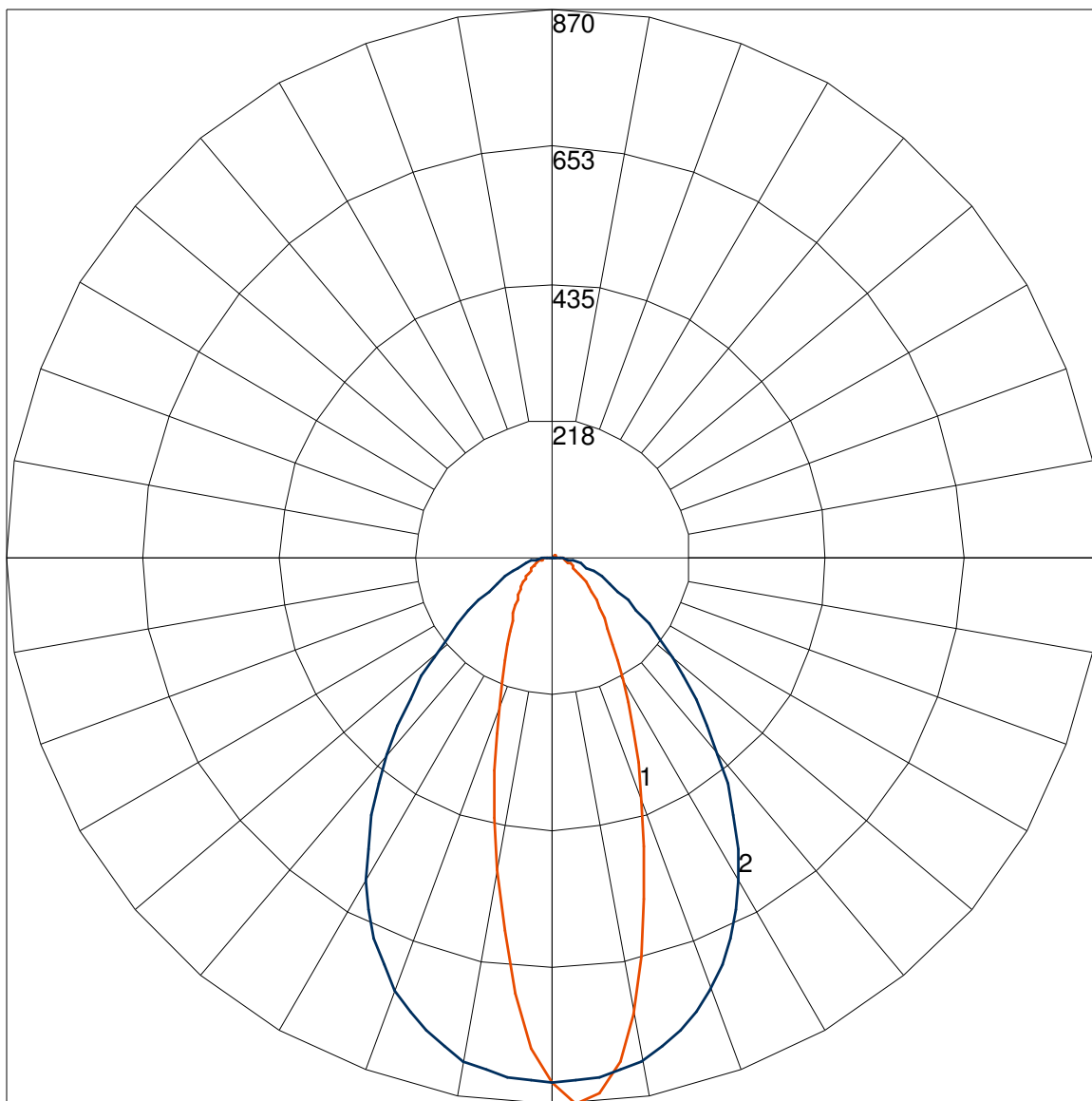
IES INDOOR REPORT
PHOTOMETRIC FILENAME : C6C-ASY-0-UNVET12-35LG-1.IES

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 | 101 | 101 | 101 | 99 |
| 1 | 111 | 107 | 103 | 100 | 108 | 105 | 101 | 99 | 100 | 98 | 95 | 96 | 94 | 92 | 93 | 91 | 90 | 88 |
| 2 | 103 | 96 | 91 | 86 | 100 | 94 | 89 | 85 | 91 | 87 | 83 | 88 | 84 | 81 | 85 | 82 | 79 | 77 |
| 3 | 96 | 87 | 80 | 75 | 93 | 86 | 79 | 74 | 83 | 77 | 73 | 80 | 75 | 72 | 77 | 74 | 70 | 68 |
| 4 | 89 | 79 | 72 | 66 | 87 | 78 | 71 | 66 | 76 | 70 | 65 | 73 | 68 | 64 | 71 | 67 | 63 | 61 |
| 5 | 83 | 73 | 65 | 59 | 81 | 71 | 64 | 59 | 69 | 63 | 58 | 67 | 62 | 58 | 66 | 61 | 57 | 55 |
| 6 | 78 | 67 | 59 | 54 | 76 | 66 | 59 | 54 | 64 | 58 | 53 | 62 | 57 | 53 | 61 | 56 | 52 | 50 |
| 7 | 73 | 62 | 54 | 49 | 72 | 61 | 54 | 49 | 60 | 53 | 49 | 58 | 52 | 48 | 57 | 52 | 48 | 46 |
| 8 | 69 | 57 | 50 | 45 | 68 | 57 | 50 | 45 | 55 | 49 | 45 | 54 | 49 | 44 | 53 | 48 | 44 | 42 |
| 9 | 65 | 54 | 46 | 42 | 64 | 53 | 46 | 42 | 52 | 46 | 41 | 51 | 45 | 41 | 50 | 45 | 41 | 39 |
| 10 | 62 | 50 | 43 | 39 | 61 | 50 | 43 | 39 | 49 | 43 | 38 | 48 | 42 | 38 | 47 | 42 | 38 | 37 |

POLAR GRAPH



Maximum Candela = 870.24 Located At Horizontal Angle = 0, Vertical Angle = 2.5

1 - Vertical Plane Through Horizontal Angles (0 - 180)

2 - Vertical Plane Through Horizontal Angles (90 - 270)