

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-950U-L10-950D-XXX-DIM-UNV-N-XX_.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN FROM W6CR_Angela-M_(V18)_measured

[TESTLAB] LEDIL Inc

[TESTDATE] 21 Aug 2024

[ISSUEDATE] 2025-08-07

[MANUFAC] H.E. WILLIAMS, INC.

[LUMCAT] W6CRDI-xx-L10-950U-L10-950D-xxx-DIM-UNV-N-xx

[LUMINAIRE] 6 INCH ROUND WET LOCATION LED

[MORE] DIRECT/INDIRECT CYLINDER WITH NARROW DIST

[LAMPCAT] BL V18 COB

[LAMP] LED

[OTHER] Absolute Photometry

[_CONVERT] Photometric web converted from original test data

[_CONVERT] Luminaire test position and photometric web converted from original test data

CHARACTERISTICS

| | |
|---|-------------------------------|
| IES Classification | Type VS |
| Longitudinal Classification | Very Short |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 1801 |
| Downward Total Efficiency | N.A. (absolute) |
| Total Luminaire Efficiency | N.A. (absolute) |
| Luminaire Efficacy Rating (LER) | 89 |
| Total Luminaire Watts | 20.2 |
| Ballast Factor | 1.00 |
| Upward Waste Light Ratio | 0.50 |
| Maximum Candela | 2597.863 |
| Maximum Candela Angle | 360H 0V |
| Maximum Candela (<90 Degrees Vertical) | 2597.863 |
| Maximum Candela Angle (<90 Degrees Vertical) | 360H 0V |
| Maximum Candela At 90 Degrees Vertical | .159 (0.0% Luminaire Lumens) |
| Maximum Candela from 80 to <90 Degrees Vertical | 1.831 (0.1% Luminaire Lumens) |
| Cutoff Classification (deprecated) | N.A. (absolute) |

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-950U-L10-950D-XXX-DIM-UNV-N-XX_.IES****LUMINAIRE CLASSIFICATION SYSTEM (LCS)**

| | Lumens | % Lamp | % Luminaire |
|-------------------------------|----------|--------|-------------|
| FL - Front-Low (0-30) | 351.9 | N.A. | 19.5 |
| FM - Front-Medium (30-60) | 91.3 | N.A. | 5.1 |
| FH - Front-High (60-80) | 6.6 | N.A. | 0.4 |
| FVH - Front-Very High (80-90) | 0.4 | N.A. | 0.0 |
| BL - Back-Low (0-30) | 351.9 | N.A. | 19.5 |
| BM - Back-Medium (30-60) | 91.3 | N.A. | 5.1 |
| BH - Back-High (60-80) | 6.6 | N.A. | 0.4 |
| BVH - Back-Very High (80-90) | 0.4 | N.A. | 0.0 |
| UL - Uplight-Low (90-100) | 0.7 | N.A. | 0.0 |
| UH - Uplight-High (100-180) | 899.7 | N.A. | 50.0 |
| Total | 1800.8 | N.A. | 100.0 |
| BUG Rating | B1-U4-G0 | | |

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-950U-L10-950D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION

| Vert. Angles | Horizontal Angles | | | | | | | | | |
|-----------------|-------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | <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 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 |
| 5 | 2236.952 | 2236.844 | 2236.736 | 2236.625 | 2236.517 | 2236.647 | 2237.016 | 2237.381 | 2237.750 | 2238.119 |
| 10 | 1481.962 | 1482.397 | 1482.836 | 1483.272 | 1483.707 | 1484.868 | 1486.750 | 1488.632 | 1490.514 | 1492.396 |
| 15 | 926.914 | 927.003 | 927.089 | 927.178 | 927.264 | 927.931 | 929.178 | 930.424 | 931.670 | 932.917 |
| 20 | 649.980 | 650.075 | 650.171 | 650.263 | 650.358 | 650.702 | 651.290 | 651.881 | 652.469 | 653.061 |
| 25 | 519.418 | 519.030 | 518.639 | 518.251 | 517.860 | 517.615 | 517.517 | 517.415 | 517.317 | 517.215 |
| 30 | 394.445 | 394.000 | 393.558 | 393.113 | 392.671 | 391.816 | 390.548 | 389.279 | 388.014 | 386.745 |
| 35 | 185.890 | 185.982 | 186.078 | 186.170 | 186.262 | 186.399 | 186.577 | 186.755 | 186.933 | 187.111 |
| 40 | 66.799 | 67.041 | 67.282 | 67.527 | 67.769 | 68.195 | 68.805 | 69.412 | 70.023 | 70.633 |
| 45 | 42.328 | 42.382 | 42.437 | 42.491 | 42.545 | 42.634 | 42.758 | 42.882 | 43.006 | 43.130 |
| 50 | 29.319 | 29.357 | 29.395 | 29.437 | 29.475 | 29.538 | 29.627 | 29.720 | 29.809 | 29.898 |
| 55 | 20.007 | 20.029 | 20.051 | 20.074 | 20.096 | 20.140 | 20.201 | 20.264 | 20.325 | 20.388 |
| 60 | 13.207 | 13.222 | 13.238 | 13.254 | 13.270 | 13.296 | 13.337 | 13.378 | 13.420 | 13.461 |
| 65 | 8.851 | 8.854 | 8.861 | 8.864 | 8.867 | 8.883 | 8.908 | 8.934 | 8.959 | 8.985 |
| 70 | 5.920 | 5.920 | 5.923 | 5.923 | 5.926 | 5.932 | 5.942 | 5.955 | 5.964 | 5.977 |
| 75 | 3.707 | 3.704 | 3.704 | 3.701 | 3.697 | 3.697 | 3.701 | 3.704 | 3.707 | 3.710 |
| 80 | 1.799 | 1.799 | 1.799 | 1.803 | 1.803 | 1.806 | 1.809 | 1.812 | 1.819 | 1.822 |
| 85 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 |
| 90 | 0.140 | 0.140 | 0.140 | 0.146 | 0.146 | 0.146 | 0.146 | 0.153 | 0.153 | 0.153 |
| 95 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 |
| 100 | 1.799 | 1.799 | 1.799 | 1.803 | 1.803 | 1.806 | 1.809 | 1.812 | 1.819 | 1.822 |
| 105 | 3.707 | 3.704 | 3.704 | 3.701 | 3.697 | 3.697 | 3.701 | 3.704 | 3.707 | 3.710 |
| 110 | 5.920 | 5.920 | 5.923 | 5.923 | 5.926 | 5.932 | 5.942 | 5.955 | 5.964 | 5.977 |
| 115 | 8.851 | 8.854 | 8.861 | 8.864 | 8.867 | 8.883 | 8.908 | 8.934 | 8.959 | 8.985 |
| 120 | 13.207 | 13.222 | 13.238 | 13.254 | 13.270 | 13.296 | 13.337 | 13.378 | 13.420 | 13.461 |
| 125 | 20.007 | 20.029 | 20.051 | 20.074 | 20.096 | 20.140 | 20.201 | 20.264 | 20.325 | 20.388 |
| 130 | 29.319 | 29.357 | 29.395 | 29.437 | 29.475 | 29.538 | 29.627 | 29.720 | 29.809 | 29.898 |
| 135 | 42.328 | 42.382 | 42.437 | 42.491 | 42.545 | 42.634 | 42.758 | 42.882 | 43.006 | 43.130 |
| 140 | 66.799 | 67.041 | 67.282 | 67.527 | 67.769 | 68.195 | 68.805 | 69.412 | 70.023 | 70.633 |
| 145 | 185.890 | 185.982 | 186.078 | 186.170 | 186.262 | 186.399 | 186.577 | 186.755 | 186.933 | 187.111 |
| 150 | 394.445 | 394.000 | 393.558 | 393.113 | 392.671 | 391.816 | 390.548 | 389.279 | 388.014 | 386.745 |
| 155 | 519.418 | 519.030 | 518.639 | 518.251 | 517.860 | 517.615 | 517.517 | 517.415 | 517.317 | 517.215 |
| 160 | 649.980 | 650.075 | 650.171 | 650.263 | 650.358 | 650.702 | 651.290 | 651.881 | 652.469 | 653.061 |
| 165 | 926.914 | 927.003 | 927.089 | 927.178 | 927.264 | 927.931 | 929.178 | 930.424 | 931.670 | 932.917 |
| 170 | 1481.962 | 1482.397 | 1482.836 | 1483.272 | 1483.707 | 1484.868 | 1486.750 | 1488.632 | 1490.514 | 1492.396 |
| 175 | 2236.952 | 2236.844 | 2236.736 | 2236.628 | 2236.517 | 2236.647 | 2237.016 | 2237.385 | 2237.750 | 2238.119 |
| 180 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 |

| 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 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 |
| 5 | 2238.154 | 2238.189 | 2238.224 | 2238.259 | 2238.354 | 2238.507 | 2238.663 | 2238.815 | 2238.968 | 2238.815 |
| 10 | 1494.584 | 1496.774 | 1498.961 | 1501.152 | 1502.862 | 1504.093 | 1505.326 | 1506.557 | 1507.790 | 1506.557 |
| 15 | 934.557 | 936.197 | 937.835 | 939.475 | 940.747 | 941.647 | 942.546 | 943.449 | 944.349 | 943.449 |
| 20 | 653.811 | 654.558 | 655.308 | 656.055 | 656.688 | 657.203 | 657.715 | 658.230 | 658.745 | 658.230 |
| 25 | 517.374 | 517.530 | 517.689 | 517.844 | 518.127 | 518.534 | 518.941 | 519.348 | 519.755 | 519.348 |
| 30 | 386.990 | 387.232 | 387.476 | 387.721 | 388.080 | 388.554 | 389.028 | 389.502 | 389.975 | 389.502 |
| 35 | 187.884 | 188.653 | 189.426 | 190.198 | 190.672 | 190.853 | 191.034 | 191.215 | 191.397 | 191.215 |
| 40 | 70.951 | 71.272 | 71.590 | 71.911 | 72.216 | 72.509 | 72.801 | 73.094 | 73.386 | 73.094 |
| 45 | 43.161 | 43.196 | 43.228 | 43.263 | 43.295 | 43.327 | 43.355 | 43.387 | 43.419 | 43.387 |
| 50 | 29.952 | 30.006 | 30.060 | 30.114 | 30.152 | 30.174 | 30.200 | 30.222 | 30.247 | 30.222 |
| 55 | 20.433 | 20.481 | 20.525 | 20.573 | 20.605 | 20.627 | 20.649 | 20.668 | 20.691 | 20.668 |

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-950U-L10-950D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 60 | 13.490 | 13.515 | 13.544 | 13.572 | 13.594 | 13.610 | 13.629 | 13.645 | 13.664 | 13.645 |
| 65 | 8.997 | 9.010 | 9.020 | 9.032 | 9.042 | 9.045 | 9.051 | 9.054 | 9.061 | 9.054 |
| 70 | 5.980 | 5.987 | 5.990 | 5.993 | 5.996 | 5.993 | 5.993 | 5.990 | 5.990 | 5.990 |
| 75 | 3.713 | 3.713 | 3.717 | 3.720 | 3.720 | 3.717 | 3.713 | 3.710 | 3.707 | 3.710 |
| 80 | 1.825 | 1.828 | 1.828 | 1.831 | 1.831 | 1.831 | 1.828 | 1.828 | 1.828 | 1.828 |
| 85 | 0.388 | 0.388 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 |
| 90 | 0.153 | 0.153 | 0.159 | 0.159 | 0.159 | 0.159 | 0.159 | 0.159 | 0.159 | 0.159 |
| 95 | 0.388 | 0.388 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 |
| 100 | 1.825 | 1.828 | 1.828 | 1.831 | 1.831 | 1.831 | 1.828 | 1.828 | 1.828 | 1.828 |
| 105 | 3.713 | 3.713 | 3.717 | 3.720 | 3.720 | 3.717 | 3.713 | 3.710 | 3.707 | 3.710 |
| 110 | 5.980 | 5.987 | 5.990 | 5.993 | 5.996 | 5.993 | 5.993 | 5.990 | 5.990 | 5.990 |
| 115 | 8.997 | 9.010 | 9.020 | 9.032 | 9.042 | 9.045 | 9.051 | 9.054 | 9.061 | 9.054 |
| 120 | 13.490 | 13.515 | 13.544 | 13.572 | 13.594 | 13.610 | 13.629 | 13.645 | 13.664 | 13.645 |
| 125 | 20.433 | 20.481 | 20.525 | 20.573 | 20.605 | 20.627 | 20.649 | 20.668 | 20.691 | 20.668 |
| 130 | 29.952 | 30.006 | 30.060 | 30.114 | 30.152 | 30.174 | 30.200 | 30.222 | 30.247 | 30.222 |
| 135 | 43.161 | 43.196 | 43.228 | 43.263 | 43.295 | 43.327 | 43.355 | 43.387 | 43.419 | 43.387 |
| 140 | 70.951 | 71.272 | 71.590 | 71.911 | 72.216 | 72.509 | 72.801 | 73.094 | 73.386 | 73.094 |
| 145 | 187.884 | 188.653 | 189.426 | 190.198 | 190.672 | 190.853 | 191.034 | 191.215 | 191.397 | 191.215 |
| 150 | 386.990 | 387.232 | 387.476 | 387.721 | 388.080 | 388.554 | 389.028 | 389.502 | 389.975 | 389.502 |
| 155 | 517.374 | 517.530 | 517.689 | 517.844 | 518.127 | 518.534 | 518.941 | 519.348 | 519.755 | 519.348 |
| 160 | 653.811 | 654.558 | 655.308 | 656.055 | 656.688 | 657.203 | 657.715 | 658.230 | 658.745 | 658.230 |
| 165 | 934.557 | 936.197 | 937.835 | 939.475 | 940.747 | 941.647 | 942.546 | 943.449 | 944.349 | 943.449 |
| 170 | 1494.584 | 1496.774 | 1498.961 | 1501.152 | 1502.862 | 1504.093 | 1505.326 | 1506.557 | 1507.790 | 1506.557 |
| 175 | 2238.154 | 2238.189 | 2238.227 | 2238.262 | 2238.354 | 2238.510 | 2238.663 | 2238.815 | 2238.968 | 2238.815 |
| 180 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 |

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 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 |
| 5 | 2238.663 | 2238.507 | 2238.354 | 2238.259 | 2238.224 | 2238.189 | 2238.154 | 2238.119 | 2237.750 | 2237.381 |
| 10 | 1505.326 | 1504.093 | 1502.862 | 1501.152 | 1498.961 | 1496.774 | 1494.584 | 1492.396 | 1490.514 | 1488.632 |
| 15 | 942.546 | 941.647 | 940.747 | 939.475 | 937.835 | 936.197 | 934.557 | 932.917 | 931.670 | 930.424 |
| 20 | 657.715 | 657.203 | 656.688 | 656.055 | 655.308 | 654.558 | 653.811 | 653.061 | 652.469 | 651.881 |
| 25 | 518.941 | 518.534 | 518.127 | 517.844 | 517.689 | 517.530 | 517.374 | 517.215 | 517.317 | 517.415 |
| 30 | 389.028 | 388.554 | 388.080 | 387.721 | 387.476 | 387.232 | 386.990 | 386.745 | 388.014 | 389.279 |
| 35 | 191.034 | 190.853 | 190.672 | 190.198 | 189.426 | 188.653 | 187.884 | 187.111 | 186.933 | 186.755 |
| 40 | 72.801 | 72.509 | 72.216 | 71.911 | 71.590 | 71.272 | 70.951 | 70.633 | 70.023 | 69.412 |
| 45 | 43.355 | 43.327 | 43.295 | 43.263 | 43.228 | 43.196 | 43.161 | 43.130 | 43.006 | 42.882 |
| 50 | 30.200 | 30.174 | 30.152 | 30.114 | 30.060 | 30.006 | 29.952 | 29.898 | 29.809 | 29.720 |
| 55 | 20.649 | 20.627 | 20.605 | 20.573 | 20.525 | 20.481 | 20.433 | 20.388 | 20.325 | 20.264 |
| 60 | 13.629 | 13.610 | 13.594 | 13.572 | 13.544 | 13.515 | 13.490 | 13.461 | 13.420 | 13.378 |
| 65 | 9.051 | 9.045 | 9.042 | 9.032 | 9.020 | 9.010 | 8.997 | 8.985 | 8.959 | 8.934 |
| 70 | 5.993 | 5.993 | 5.996 | 5.993 | 5.990 | 5.987 | 5.980 | 5.977 | 5.964 | 5.955 |
| 75 | 3.713 | 3.717 | 3.720 | 3.720 | 3.717 | 3.713 | 3.713 | 3.710 | 3.707 | 3.704 |
| 80 | 1.828 | 1.831 | 1.831 | 1.831 | 1.828 | 1.828 | 1.825 | 1.822 | 1.819 | 1.812 |
| 85 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 |
| 90 | 0.159 | 0.159 | 0.159 | 0.159 | 0.159 | 0.153 | 0.153 | 0.153 | 0.153 | 0.153 |
| 95 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 |
| 100 | 1.828 | 1.831 | 1.831 | 1.831 | 1.828 | 1.828 | 1.825 | 1.822 | 1.819 | 1.812 |
| 105 | 3.713 | 3.717 | 3.720 | 3.720 | 3.717 | 3.713 | 3.713 | 3.710 | 3.707 | 3.704 |
| 110 | 5.993 | 5.993 | 5.996 | 5.993 | 5.990 | 5.987 | 5.980 | 5.977 | 5.964 | 5.955 |
| 115 | 9.051 | 9.045 | 9.042 | 9.032 | 9.020 | 9.010 | 8.997 | 8.985 | 8.959 | 8.934 |
| 120 | 13.629 | 13.610 | 13.594 | 13.572 | 13.544 | 13.515 | 13.490 | 13.461 | 13.420 | 13.378 |
| 125 | 20.649 | 20.627 | 20.605 | 20.573 | 20.525 | 20.481 | 20.433 | 20.388 | 20.325 | 20.264 |
| 130 | 30.200 | 30.174 | 30.152 | 30.114 | 30.060 | 30.006 | 29.952 | 29.898 | 29.809 | 29.720 |

IES ROAD REPORT

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 135 | 43.355 | 43.327 | 43.295 | 43.263 | 43.228 | 43.196 | 43.161 | 43.130 | 43.006 | 42.882 |
| 140 | 72.801 | 72.509 | 72.216 | 71.911 | 71.590 | 71.272 | 70.951 | 70.633 | 70.023 | 69.412 |
| 145 | 191.034 | 190.853 | 190.672 | 190.198 | 189.426 | 188.653 | 187.884 | 187.111 | 186.933 | 186.755 |
| 150 | 389.028 | 388.554 | 388.080 | 387.721 | 387.476 | 387.232 | 386.990 | 386.745 | 388.014 | 389.279 |
| 155 | 518.941 | 518.534 | 518.127 | 517.844 | 517.689 | 517.530 | 517.374 | 517.215 | 517.317 | 517.415 |
| 160 | 657.715 | 657.203 | 656.688 | 656.055 | 655.308 | 654.558 | 653.811 | 653.061 | 652.469 | 651.881 |
| 165 | 942.546 | 941.647 | 940.747 | 939.475 | 937.835 | 936.197 | 934.557 | 932.917 | 931.670 | 930.424 |
| 170 | 1505.326 | 1504.093 | 1502.862 | 1501.152 | 1498.961 | 1496.774 | 1494.584 | 1492.396 | 1490.514 | 1488.632 |
| 175 | 2238.663 | 2238.510 | 2238.354 | 2238.262 | 2238.227 | 2238.189 | 2238.154 | 2238.119 | 2237.750 | 2237.385 |
| 180 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 |

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> | <u>185</u> | <u>190</u> | <u>195</u> |
|-----|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 0 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 |
| 5 | 2237.016 | 2236.647 | 2236.517 | 2236.625 | 2236.736 | 2236.844 | 2236.952 | 2236.844 | 2236.736 | 2236.625 |
| 10 | 1486.750 | 1484.868 | 1483.707 | 1483.272 | 1482.836 | 1482.397 | 1481.962 | 1482.397 | 1482.836 | 1483.272 |
| 15 | 929.178 | 927.931 | 927.264 | 927.178 | 927.089 | 927.003 | 926.914 | 927.003 | 927.089 | 927.178 |
| 20 | 651.290 | 650.702 | 650.358 | 650.263 | 650.171 | 650.075 | 649.980 | 650.075 | 650.171 | 650.263 |
| 25 | 517.517 | 517.615 | 517.860 | 518.251 | 518.639 | 519.030 | 519.418 | 519.030 | 518.639 | 518.251 |
| 30 | 390.548 | 391.816 | 392.671 | 393.113 | 393.558 | 394.000 | 394.445 | 394.000 | 393.558 | 393.113 |
| 35 | 186.577 | 186.399 | 186.262 | 186.170 | 186.078 | 185.982 | 185.890 | 185.982 | 186.078 | 186.170 |
| 40 | 68.805 | 68.195 | 67.769 | 67.527 | 67.282 | 67.041 | 66.799 | 67.041 | 67.282 | 67.527 |
| 45 | 42.758 | 42.634 | 42.545 | 42.491 | 42.437 | 42.382 | 42.328 | 42.382 | 42.437 | 42.491 |
| 50 | 29.627 | 29.538 | 29.475 | 29.437 | 29.395 | 29.357 | 29.319 | 29.357 | 29.395 | 29.437 |
| 55 | 20.201 | 20.140 | 20.096 | 20.074 | 20.051 | 20.029 | 20.007 | 20.029 | 20.051 | 20.074 |
| 60 | 13.337 | 13.296 | 13.270 | 13.254 | 13.238 | 13.222 | 13.207 | 13.222 | 13.238 | 13.254 |
| 65 | 8.908 | 8.883 | 8.867 | 8.864 | 8.861 | 8.854 | 8.851 | 8.854 | 8.861 | 8.864 |
| 70 | 5.942 | 5.932 | 5.926 | 5.923 | 5.923 | 5.920 | 5.920 | 5.920 | 5.923 | 5.923 |
| 75 | 3.701 | 3.697 | 3.697 | 3.701 | 3.704 | 3.704 | 3.707 | 3.704 | 3.704 | 3.701 |
| 80 | 1.809 | 1.806 | 1.803 | 1.803 | 1.799 | 1.799 | 1.799 | 1.799 | 1.799 | 1.803 |
| 85 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 |
| 90 | 0.146 | 0.146 | 0.146 | 0.146 | 0.140 | 0.140 | 0.140 | 0.140 | 0.140 | 0.146 |
| 95 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 |
| 100 | 1.809 | 1.806 | 1.803 | 1.803 | 1.799 | 1.799 | 1.799 | 1.799 | 1.799 | 1.803 |
| 105 | 3.701 | 3.697 | 3.697 | 3.701 | 3.704 | 3.704 | 3.707 | 3.704 | 3.704 | 3.701 |
| 110 | 5.942 | 5.932 | 5.926 | 5.923 | 5.923 | 5.920 | 5.920 | 5.920 | 5.923 | 5.923 |
| 115 | 8.908 | 8.883 | 8.867 | 8.864 | 8.861 | 8.854 | 8.851 | 8.854 | 8.861 | 8.864 |
| 120 | 13.337 | 13.296 | 13.270 | 13.254 | 13.238 | 13.222 | 13.207 | 13.222 | 13.238 | 13.254 |
| 125 | 20.201 | 20.140 | 20.096 | 20.074 | 20.051 | 20.029 | 20.007 | 20.029 | 20.051 | 20.074 |
| 130 | 29.627 | 29.538 | 29.475 | 29.437 | 29.395 | 29.357 | 29.319 | 29.357 | 29.395 | 29.437 |
| 135 | 42.758 | 42.634 | 42.545 | 42.491 | 42.437 | 42.382 | 42.328 | 42.382 | 42.437 | 42.491 |
| 140 | 68.805 | 68.195 | 67.769 | 67.527 | 67.282 | 67.041 | 66.799 | 67.041 | 67.282 | 67.527 |
| 145 | 186.577 | 186.399 | 186.262 | 186.170 | 186.078 | 185.982 | 185.890 | 185.982 | 186.078 | 186.170 |
| 150 | 390.548 | 391.816 | 392.671 | 393.113 | 393.558 | 394.000 | 394.445 | 394.000 | 393.558 | 393.113 |
| 155 | 517.517 | 517.615 | 517.860 | 518.251 | 518.639 | 519.030 | 519.418 | 519.030 | 518.639 | 518.251 |
| 160 | 651.290 | 650.702 | 650.358 | 650.263 | 650.171 | 650.075 | 649.980 | 650.075 | 650.171 | 650.263 |
| 165 | 929.178 | 927.931 | 927.264 | 927.178 | 927.089 | 927.003 | 926.914 | 927.003 | 927.089 | 927.178 |
| 170 | 1486.750 | 1484.868 | 1483.707 | 1483.272 | 1482.836 | 1482.397 | 1481.962 | 1482.397 | 1482.836 | 1483.272 |
| 175 | 2237.016 | 2236.647 | 2236.517 | 2236.628 | 2236.736 | 2236.844 | 2236.952 | 2236.844 | 2236.736 | 2236.628 |
| 180 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 |

Vert. Angles

Horizontal Angles

| | <u>200</u> | <u>205</u> | <u>210</u> | <u>215</u> | <u>220</u> | <u>225</u> | <u>230</u> | <u>235</u> | <u>240</u> | <u>245</u> |
|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 0 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 |

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-950U-L10-950D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 5 | 2236.517 | 2236.647 | 2237.016 | 2237.381 | 2237.750 | 2238.119 | 2238.154 | 2238.189 | 2238.224 | 2238.259 |
| 10 | 1483.707 | 1484.868 | 1486.750 | 1488.632 | 1490.514 | 1492.396 | 1494.584 | 1496.774 | 1498.961 | 1501.152 |
| 15 | 927.264 | 927.931 | 929.178 | 930.424 | 931.670 | 932.917 | 934.557 | 936.197 | 937.835 | 939.475 |
| 20 | 650.358 | 650.702 | 651.290 | 651.881 | 652.469 | 653.061 | 653.811 | 654.558 | 655.308 | 656.055 |
| 25 | 517.860 | 517.615 | 517.517 | 517.415 | 517.317 | 517.215 | 517.374 | 517.530 | 517.689 | 517.844 |
| 30 | 392.671 | 391.816 | 390.548 | 389.279 | 388.014 | 386.745 | 386.990 | 387.232 | 387.476 | 387.721 |
| 35 | 186.262 | 186.399 | 186.577 | 186.755 | 186.933 | 187.111 | 187.884 | 188.653 | 189.426 | 190.198 |
| 40 | 67.769 | 68.195 | 68.805 | 69.412 | 70.023 | 70.633 | 70.951 | 71.272 | 71.590 | 71.911 |
| 45 | 42.545 | 42.634 | 42.758 | 42.882 | 43.006 | 43.130 | 43.161 | 43.196 | 43.228 | 43.263 |
| 50 | 29.475 | 29.538 | 29.627 | 29.720 | 29.809 | 29.898 | 29.952 | 30.006 | 30.060 | 30.114 |
| 55 | 20.096 | 20.140 | 20.201 | 20.264 | 20.325 | 20.388 | 20.433 | 20.481 | 20.525 | 20.573 |
| 60 | 13.270 | 13.296 | 13.337 | 13.378 | 13.420 | 13.461 | 13.490 | 13.515 | 13.544 | 13.572 |
| 65 | 8.867 | 8.883 | 8.908 | 8.934 | 8.959 | 8.985 | 8.997 | 9.010 | 9.020 | 9.032 |
| 70 | 5.926 | 5.932 | 5.942 | 5.955 | 5.964 | 5.977 | 5.980 | 5.987 | 5.990 | 5.993 |
| 75 | 3.697 | 3.697 | 3.701 | 3.704 | 3.707 | 3.710 | 3.713 | 3.713 | 3.717 | 3.720 |
| 80 | 1.803 | 1.806 | 1.809 | 1.812 | 1.819 | 1.822 | 1.825 | 1.828 | 1.828 | 1.831 |
| 85 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.385 | 0.385 |
| 90 | 0.146 | 0.146 | 0.146 | 0.153 | 0.153 | 0.153 | 0.153 | 0.153 | 0.159 | 0.159 |
| 95 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.385 | 0.385 |
| 100 | 1.803 | 1.806 | 1.809 | 1.812 | 1.819 | 1.822 | 1.825 | 1.828 | 1.828 | 1.831 |
| 105 | 3.697 | 3.697 | 3.701 | 3.704 | 3.707 | 3.710 | 3.713 | 3.713 | 3.717 | 3.720 |
| 110 | 5.926 | 5.932 | 5.942 | 5.955 | 5.964 | 5.977 | 5.980 | 5.987 | 5.990 | 5.993 |
| 115 | 8.867 | 8.883 | 8.908 | 8.934 | 8.959 | 8.985 | 8.997 | 9.010 | 9.020 | 9.032 |
| 120 | 13.270 | 13.296 | 13.337 | 13.378 | 13.420 | 13.461 | 13.490 | 13.515 | 13.544 | 13.572 |
| 125 | 20.096 | 20.140 | 20.201 | 20.264 | 20.325 | 20.388 | 20.433 | 20.481 | 20.525 | 20.573 |
| 130 | 29.475 | 29.538 | 29.627 | 29.720 | 29.809 | 29.898 | 29.952 | 30.006 | 30.060 | 30.114 |
| 135 | 42.545 | 42.634 | 42.758 | 42.882 | 43.006 | 43.130 | 43.161 | 43.196 | 43.228 | 43.263 |
| 140 | 67.769 | 68.195 | 68.805 | 69.412 | 70.023 | 70.633 | 70.951 | 71.272 | 71.590 | 71.911 |
| 145 | 186.262 | 186.399 | 186.577 | 186.755 | 186.933 | 187.111 | 187.884 | 188.653 | 189.426 | 190.198 |
| 150 | 392.671 | 391.816 | 390.548 | 389.279 | 388.014 | 386.745 | 386.990 | 387.232 | 387.476 | 387.721 |
| 155 | 517.860 | 517.615 | 517.517 | 517.415 | 517.317 | 517.215 | 517.374 | 517.530 | 517.689 | 517.844 |
| 160 | 650.358 | 650.702 | 651.290 | 651.881 | 652.469 | 653.061 | 653.811 | 654.558 | 655.308 | 656.055 |
| 165 | 927.264 | 927.931 | 929.178 | 930.424 | 931.670 | 932.917 | 934.557 | 936.197 | 937.835 | 939.475 |
| 170 | 1483.707 | 1484.868 | 1486.750 | 1488.632 | 1490.514 | 1492.396 | 1494.584 | 1496.774 | 1498.961 | 1501.152 |
| 175 | 2236.517 | 2236.647 | 2237.016 | 2237.385 | 2237.750 | 2238.119 | 2238.154 | 2238.189 | 2238.227 | 2238.262 |
| 180 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 |

Vert.
Angles

Horizontal Angles

| | <u>250</u> | <u>255</u> | <u>260</u> | <u>265</u> | <u>270</u> | <u>275</u> | <u>280</u> | <u>285</u> | <u>290</u> | <u>295</u> |
|----|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 0 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 |
| 5 | 2238.354 | 2238.507 | 2238.663 | 2238.815 | 2238.968 | 2238.815 | 2238.663 | 2238.507 | 2238.354 | 2238.259 |
| 10 | 1502.862 | 1504.093 | 1505.326 | 1506.557 | 1507.790 | 1506.557 | 1505.326 | 1504.093 | 1502.862 | 1501.152 |
| 15 | 940.747 | 941.647 | 942.546 | 943.449 | 944.349 | 943.449 | 942.546 | 941.647 | 940.747 | 939.475 |
| 20 | 656.688 | 657.203 | 657.715 | 658.230 | 658.745 | 658.230 | 657.715 | 657.203 | 656.688 | 656.055 |
| 25 | 518.127 | 518.534 | 518.941 | 519.348 | 519.755 | 519.348 | 518.941 | 518.534 | 518.127 | 517.844 |
| 30 | 388.080 | 388.554 | 389.028 | 389.502 | 389.975 | 389.502 | 389.028 | 388.554 | 388.080 | 387.721 |
| 35 | 190.672 | 190.853 | 191.034 | 191.215 | 191.397 | 191.215 | 191.034 | 190.853 | 190.672 | 190.198 |
| 40 | 72.216 | 72.509 | 72.801 | 73.094 | 73.386 | 73.094 | 72.801 | 72.509 | 72.216 | 71.911 |
| 45 | 43.295 | 43.327 | 43.355 | 43.387 | 43.419 | 43.387 | 43.355 | 43.327 | 43.295 | 43.263 |
| 50 | 30.152 | 30.174 | 30.200 | 30.222 | 30.247 | 30.222 | 30.200 | 30.174 | 30.152 | 30.114 |
| 55 | 20.605 | 20.627 | 20.649 | 20.668 | 20.691 | 20.668 | 20.649 | 20.627 | 20.605 | 20.573 |
| 60 | 13.594 | 13.610 | 13.629 | 13.645 | 13.664 | 13.645 | 13.629 | 13.610 | 13.594 | 13.572 |
| 65 | 9.042 | 9.045 | 9.051 | 9.054 | 9.061 | 9.054 | 9.051 | 9.045 | 9.042 | 9.032 |
| 70 | 5.996 | 5.993 | 5.993 | 5.990 | 5.990 | 5.990 | 5.993 | 5.993 | 5.996 | 5.993 |
| 75 | 3.720 | 3.717 | 3.713 | 3.710 | 3.707 | 3.710 | 3.713 | 3.717 | 3.720 | 3.720 |

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-950U-L10-950D-XXX-DIM-UNV-N-XX_IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 80 | 1.831 | 1.831 | 1.828 | 1.828 | 1.828 | 1.828 | 1.828 | 1.831 | 1.831 | 1.831 |
| 85 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 |
| 90 | 0.159 | 0.159 | 0.159 | 0.159 | 0.159 | 0.159 | 0.159 | 0.159 | 0.159 | 0.159 |
| 95 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 | 0.385 |
| 100 | 1.831 | 1.831 | 1.828 | 1.828 | 1.828 | 1.828 | 1.828 | 1.831 | 1.831 | 1.831 |
| 105 | 3.720 | 3.717 | 3.713 | 3.710 | 3.707 | 3.710 | 3.713 | 3.717 | 3.720 | 3.720 |
| 110 | 5.996 | 5.993 | 5.993 | 5.990 | 5.990 | 5.990 | 5.993 | 5.993 | 5.996 | 5.993 |
| 115 | 9.042 | 9.045 | 9.051 | 9.054 | 9.061 | 9.054 | 9.051 | 9.045 | 9.042 | 9.032 |
| 120 | 13.594 | 13.610 | 13.629 | 13.645 | 13.664 | 13.645 | 13.629 | 13.610 | 13.594 | 13.572 |
| 125 | 20.605 | 20.627 | 20.649 | 20.668 | 20.691 | 20.668 | 20.649 | 20.627 | 20.605 | 20.573 |
| 130 | 30.152 | 30.174 | 30.200 | 30.222 | 30.247 | 30.222 | 30.200 | 30.174 | 30.152 | 30.114 |
| 135 | 43.295 | 43.327 | 43.355 | 43.387 | 43.419 | 43.387 | 43.355 | 43.327 | 43.295 | 43.263 |
| 140 | 72.216 | 72.509 | 72.801 | 73.094 | 73.386 | 73.094 | 72.801 | 72.509 | 72.216 | 71.911 |
| 145 | 190.672 | 190.853 | 191.034 | 191.215 | 191.397 | 191.215 | 191.034 | 190.853 | 190.672 | 190.198 |
| 150 | 388.080 | 388.554 | 389.028 | 389.502 | 389.975 | 389.502 | 389.028 | 388.554 | 388.080 | 387.721 |
| 155 | 518.127 | 518.534 | 518.941 | 519.348 | 519.755 | 519.348 | 518.941 | 518.534 | 518.127 | 517.844 |
| 160 | 656.688 | 657.203 | 657.715 | 658.230 | 658.745 | 658.230 | 657.715 | 657.203 | 656.688 | 656.055 |
| 165 | 940.747 | 941.647 | 942.546 | 943.449 | 944.349 | 943.449 | 942.546 | 941.647 | 940.747 | 939.475 |
| 170 | 1502.862 | 1504.093 | 1505.326 | 1506.557 | 1507.790 | 1506.557 | 1505.326 | 1504.093 | 1502.862 | 1501.152 |
| 175 | 2238.354 | 2238.510 | 2238.663 | 2238.815 | 2238.968 | 2238.815 | 2238.663 | 2238.510 | 2238.354 | 2238.262 |
| 180 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 |

Vert. Angles

Horizontal Angles

| | <u>300</u> | <u>305</u> | <u>310</u> | <u>315</u> | <u>320</u> | <u>325</u> | <u>330</u> | <u>335</u> | <u>340</u> | <u>345</u> |
|-----|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 0 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 | 2597.863 |
| 5 | 2238.224 | 2238.189 | 2238.154 | 2238.119 | 2237.750 | 2237.381 | 2237.016 | 2236.647 | 2236.517 | 2236.625 |
| 10 | 1498.961 | 1496.774 | 1494.584 | 1492.396 | 1490.514 | 1488.632 | 1486.750 | 1484.868 | 1483.707 | 1483.272 |
| 15 | 937.835 | 936.197 | 934.557 | 932.917 | 931.670 | 930.424 | 929.178 | 927.931 | 927.264 | 927.178 |
| 20 | 655.308 | 654.558 | 653.811 | 653.061 | 652.469 | 651.881 | 651.290 | 650.702 | 650.358 | 650.263 |
| 25 | 517.689 | 517.530 | 517.374 | 517.215 | 517.317 | 517.415 | 517.517 | 517.615 | 517.860 | 518.251 |
| 30 | 387.476 | 387.232 | 386.990 | 386.745 | 388.014 | 389.279 | 390.548 | 391.816 | 392.671 | 393.113 |
| 35 | 189.426 | 188.653 | 187.884 | 187.111 | 186.933 | 186.755 | 186.577 | 186.399 | 186.262 | 186.170 |
| 40 | 71.590 | 71.272 | 70.951 | 70.633 | 70.023 | 69.412 | 68.805 | 68.195 | 67.769 | 67.527 |
| 45 | 43.228 | 43.196 | 43.161 | 43.130 | 43.006 | 42.882 | 42.758 | 42.634 | 42.545 | 42.491 |
| 50 | 30.060 | 30.006 | 29.952 | 29.898 | 29.809 | 29.720 | 29.627 | 29.538 | 29.475 | 29.437 |
| 55 | 20.525 | 20.481 | 20.433 | 20.388 | 20.325 | 20.264 | 20.201 | 20.140 | 20.096 | 20.074 |
| 60 | 13.544 | 13.515 | 13.490 | 13.461 | 13.420 | 13.378 | 13.337 | 13.296 | 13.270 | 13.254 |
| 65 | 9.020 | 9.010 | 8.997 | 8.985 | 8.959 | 8.934 | 8.908 | 8.883 | 8.867 | 8.864 |
| 70 | 5.990 | 5.987 | 5.980 | 5.977 | 5.964 | 5.955 | 5.942 | 5.932 | 5.926 | 5.923 |
| 75 | 3.717 | 3.713 | 3.713 | 3.710 | 3.707 | 3.704 | 3.701 | 3.697 | 3.697 | 3.701 |
| 80 | 1.828 | 1.828 | 1.825 | 1.822 | 1.819 | 1.812 | 1.809 | 1.806 | 1.803 | 1.803 |
| 85 | 0.385 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 |
| 90 | 0.159 | 0.153 | 0.153 | 0.153 | 0.153 | 0.153 | 0.146 | 0.146 | 0.146 | 0.146 |
| 95 | 0.385 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 | 0.388 |
| 100 | 1.828 | 1.828 | 1.825 | 1.822 | 1.819 | 1.812 | 1.809 | 1.806 | 1.803 | 1.803 |
| 105 | 3.717 | 3.713 | 3.713 | 3.710 | 3.707 | 3.704 | 3.701 | 3.697 | 3.697 | 3.701 |
| 110 | 5.990 | 5.987 | 5.980 | 5.977 | 5.964 | 5.955 | 5.942 | 5.932 | 5.926 | 5.923 |
| 115 | 9.020 | 9.010 | 8.997 | 8.985 | 8.959 | 8.934 | 8.908 | 8.883 | 8.867 | 8.864 |
| 120 | 13.544 | 13.515 | 13.490 | 13.461 | 13.420 | 13.378 | 13.337 | 13.296 | 13.270 | 13.254 |
| 125 | 20.525 | 20.481 | 20.433 | 20.388 | 20.325 | 20.264 | 20.201 | 20.140 | 20.096 | 20.074 |
| 130 | 30.060 | 30.006 | 29.952 | 29.898 | 29.809 | 29.720 | 29.627 | 29.538 | 29.475 | 29.437 |
| 135 | 43.228 | 43.196 | 43.161 | 43.130 | 43.006 | 42.882 | 42.758 | 42.634 | 42.545 | 42.491 |
| 140 | 71.590 | 71.272 | 70.951 | 70.633 | 70.023 | 69.412 | 68.805 | 68.195 | 67.769 | 67.527 |
| 145 | 189.426 | 188.653 | 187.884 | 187.111 | 186.933 | 186.755 | 186.577 | 186.399 | 186.262 | 186.170 |
| 150 | 387.476 | 387.232 | 386.990 | 386.745 | 388.014 | 389.279 | 390.548 | 391.816 | 392.671 | 393.113 |

IES ROAD REPORT**PHOTOMETRIC FILENAME : W6CRDI-XX-L10-950U-L10-950D-XXX-DIM-UNV-N-XX_.IES****CANDELA TABULATION - (Cont.)**

| | | | | | | | | | | |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 155 | 517.689 | 517.530 | 517.374 | 517.215 | 517.317 | 517.415 | 517.517 | 517.615 | 517.860 | 518.251 |
| 160 | 655.308 | 654.558 | 653.811 | 653.061 | 652.469 | 651.881 | 651.290 | 650.702 | 650.358 | 650.263 |
| 165 | 937.835 | 936.197 | 934.557 | 932.917 | 931.670 | 930.424 | 929.178 | 927.931 | 927.264 | 927.178 |
| 170 | 1498.961 | 1496.774 | 1494.584 | 1492.396 | 1490.514 | 1488.632 | 1486.750 | 1484.868 | 1483.707 | 1483.272 |
| 175 | 2238.227 | 2238.189 | 2238.154 | 2238.119 | 2237.750 | 2237.385 | 2237.016 | 2236.647 | 2236.517 | 2236.628 |
| 180 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 | 2597.758 |

Vert. Angles **Horizontal Angles**

| | 350 | 355 | 360 |
|------------|------------|------------|------------|
| 0 | 2597.863 | 2597.863 | 2597.863 |
| 5 | 2236.736 | 2236.844 | 2236.952 |
| 10 | 1482.836 | 1482.397 | 1481.962 |
| 15 | 927.089 | 927.003 | 926.914 |
| 20 | 650.171 | 650.075 | 649.980 |
| 25 | 518.639 | 519.030 | 519.418 |
| 30 | 393.558 | 394.000 | 394.445 |
| 35 | 186.078 | 185.982 | 185.890 |
| 40 | 67.282 | 67.041 | 66.799 |
| 45 | 42.437 | 42.382 | 42.328 |
| 50 | 29.395 | 29.357 | 29.319 |
| 55 | 20.051 | 20.029 | 20.007 |
| 60 | 13.238 | 13.222 | 13.207 |
| 65 | 8.861 | 8.854 | 8.851 |
| 70 | 5.923 | 5.920 | 5.920 |
| 75 | 3.704 | 3.704 | 3.707 |
| 80 | 1.799 | 1.799 | 1.799 |
| 85 | 0.388 | 0.388 | 0.388 |
| 90 | 0.140 | 0.140 | 0.140 |
| 95 | 0.388 | 0.388 | 0.388 |
| 100 | 1.799 | 1.799 | 1.799 |
| 105 | 3.704 | 3.704 | 3.707 |
| 110 | 5.923 | 5.920 | 5.920 |
| 115 | 8.861 | 8.854 | 8.851 |
| 120 | 13.238 | 13.222 | 13.207 |
| 125 | 20.051 | 20.029 | 20.007 |
| 130 | 29.395 | 29.357 | 29.319 |
| 135 | 42.437 | 42.382 | 42.328 |
| 140 | 67.282 | 67.041 | 66.799 |
| 145 | 186.078 | 185.982 | 185.890 |
| 150 | 393.558 | 394.000 | 394.445 |
| 155 | 518.639 | 519.030 | 519.418 |
| 160 | 650.171 | 650.075 | 649.980 |
| 165 | 927.089 | 927.003 | 926.914 |
| 170 | 1482.836 | 1482.397 | 1481.962 |
| 175 | 2236.736 | 2236.844 | 2236.952 |
| 180 | 2597.758 | 2597.758 | 2597.758 |

COEFFICIENTS OF UTILIZATION



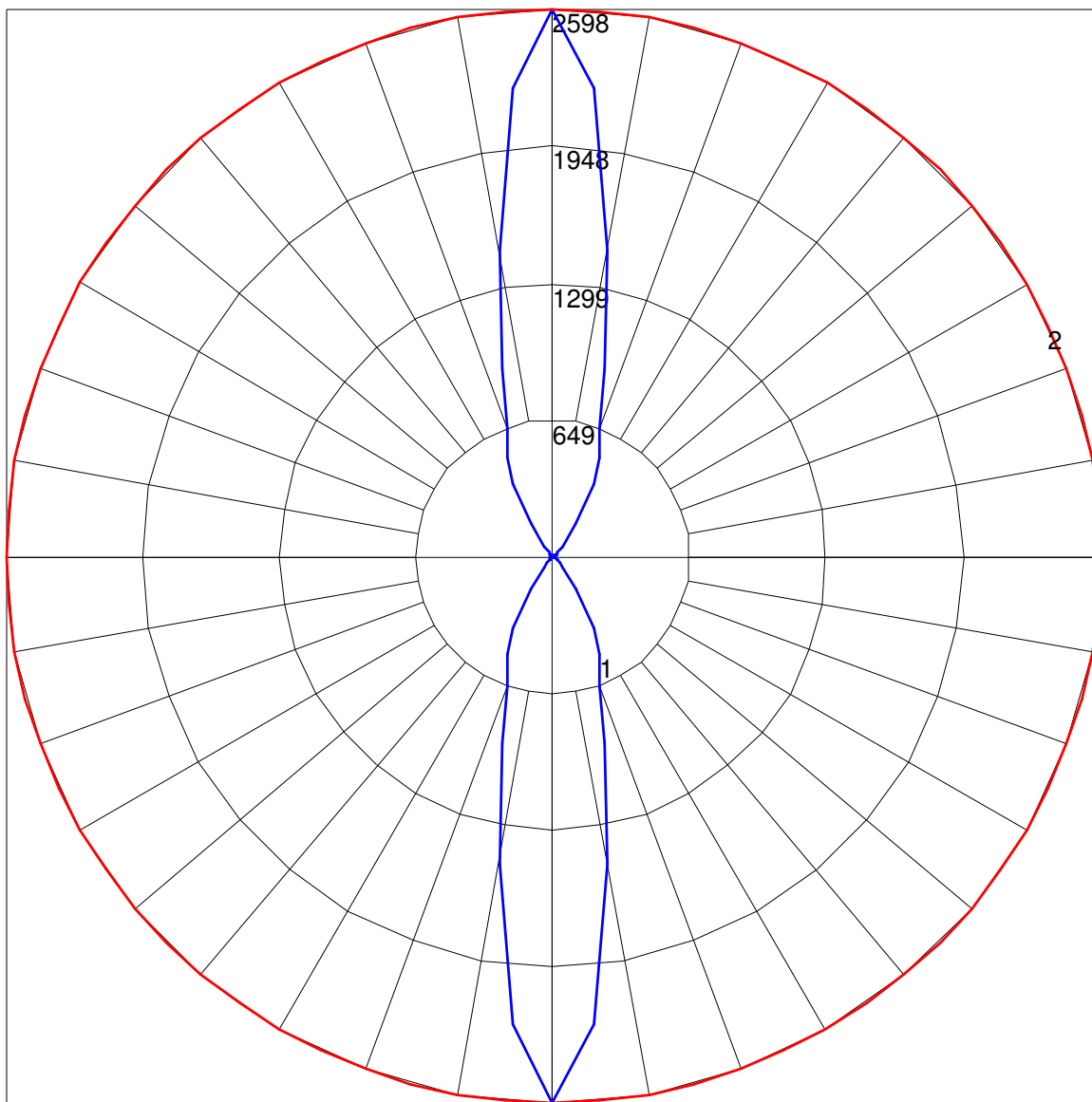
FLUX DISTRIBUTION

| | Lumens | Percent Of Luminaire |
|----------------------|--------|-------------------------|
| Downward Street Side | 450.2 | 25.0 |
| Downward House Side | 450.2 | 25.0 |
| Downward Total | 900.4 | 50.0 |
| Upward Street Side | 450.2 | 25.0 |
| Upward House Side | 450.2 | 25.0 |
| Upward Total | 900.4 | 50.0 |
| Total Flux | 1800.8 | 100.0 |

IES ROAD REPORT

PHOTOMETRIC FILENAME : W6CRDI-XX-L10-950U-L10-950D-XXX-DIM-UNV-N-XX_.IES

POLAR GRAPH



Maximum Candela = 2597.863 Located At Horizontal Angle = 360, Vertical Angle = 0

1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

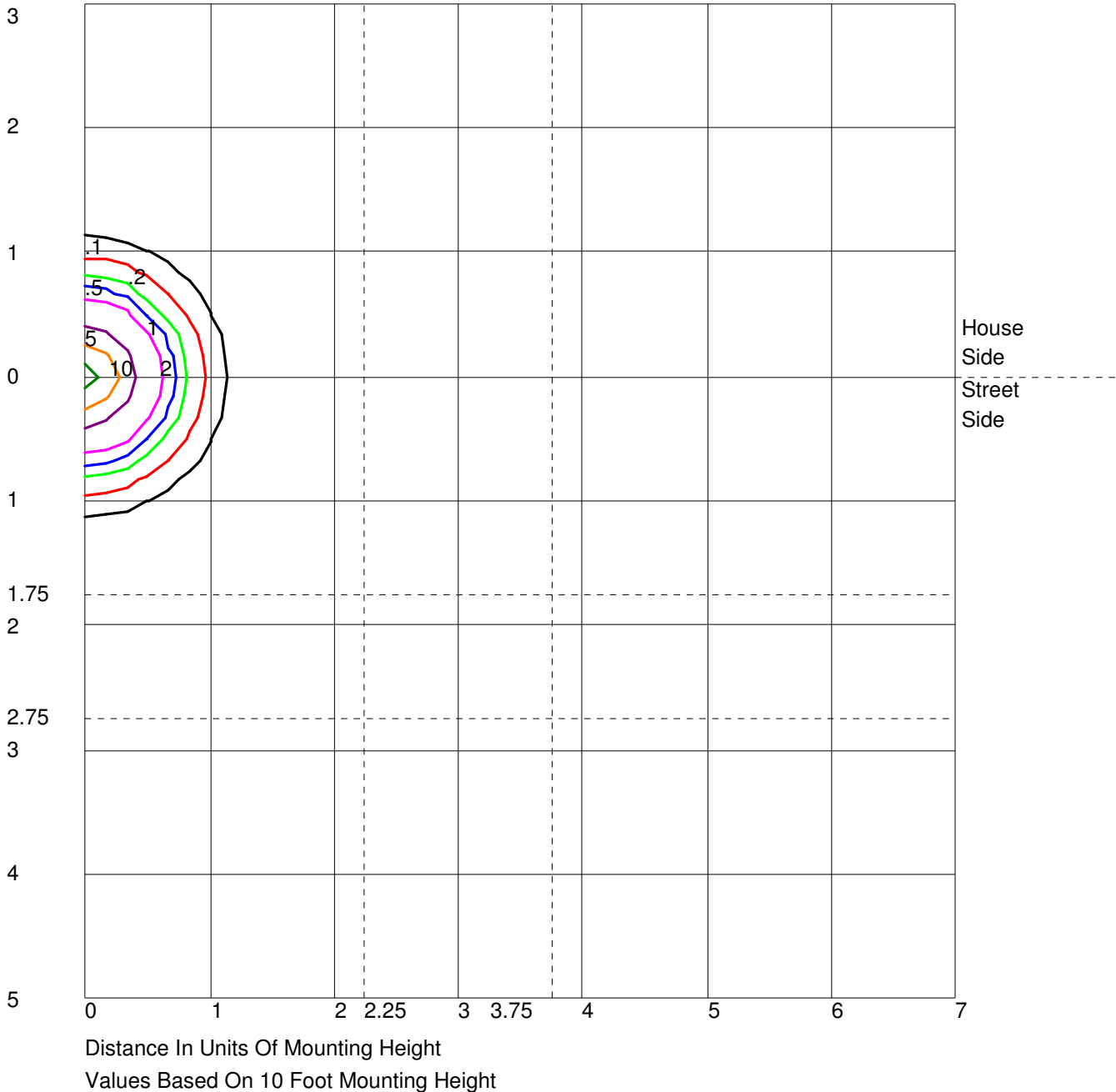


PHOTO LUMENS

