



IES FLOOD REPORT

PHOTOMETRIC FILENAME : PF1E MD F UV 840.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] Standard-Tech Co. Ltd

[TESTDATE] 31 July 2016

[ISSUEDATE] 2016-07-31 13:50:26

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R5000_V2 SYSTEM

[MANUFAC] LumenFocus, LLC

[LUMINAIRE] PF1E MD F UV 840

[OTHER]

| [OTHER] | Gamma(deg) | Fz(lm) | Ft(lm) | %Lum | %Lamp |
|---------|------------|--------|--------|------|-------|
|---------|------------|--------|--------|------|-------|

| | | | | | |
|---------|-------|-------|-------|------|------|
| [OTHER] | 0- 10 | 88.22 | 88.22 | 4.11 | 4.11 |
|---------|-------|-------|-------|------|------|

| | | | | | |
|---------|--------|--------|--------|-------|-------|
| [OTHER] | 10- 20 | 256.43 | 344.65 | 16.05 | 16.05 |
|---------|--------|--------|--------|-------|-------|

| | | | | | |
|---------|--------|--------|--------|-------|-------|
| [OTHER] | 20- 30 | 397.80 | 742.45 | 34.57 | 34.57 |
|---------|--------|--------|--------|-------|-------|

| | | | | | |
|---------|--------|--------|---------|-------|-------|
| [OTHER] | 30- 40 | 484.58 | 1227.03 | 57.13 | 57.13 |
|---------|--------|--------|---------|-------|-------|

| | | | | | |
|---------|--------|--------|---------|-------|-------|
| [OTHER] | 40- 50 | 456.10 | 1683.13 | 78.37 | 78.37 |
|---------|--------|--------|---------|-------|-------|

| | | | | | |
|---------|--------|--------|---------|-------|-------|
| [OTHER] | 50- 60 | 296.52 | 1979.65 | 92.18 | 92.18 |
|---------|--------|--------|---------|-------|-------|

| | | | | | |
|---------|--------|--------|---------|-------|-------|
| [OTHER] | 60- 70 | 126.89 | 2106.54 | 98.09 | 98.09 |
|---------|--------|--------|---------|-------|-------|

| | | | | | |
|---------|--------|-------|---------|-------|-------|
| [OTHER] | 70- 80 | 31.60 | 2138.14 | 99.56 | 99.56 |
|---------|--------|-------|---------|-------|-------|

| | | | | | |
|---------|--------|------|---------|-------|-------|
| [OTHER] | 80- 90 | 5.42 | 2143.56 | 99.81 | 99.81 |
|---------|--------|------|---------|-------|-------|

| | | | | | |
|---------|--------|------|---------|-------|-------|
| [OTHER] | 90-100 | 0.23 | 2143.79 | 99.82 | 99.82 |
|---------|--------|------|---------|-------|-------|

| | | | | | |
|---------|---------|------|---------|-------|-------|
| [OTHER] | 100-110 | 0.40 | 2144.20 | 99.84 | 99.84 |
|---------|---------|------|---------|-------|-------|

| | | | | | |
|---------|---------|------|---------|-------|-------|
| [OTHER] | 110-120 | 0.44 | 2144.63 | 99.86 | 99.86 |
|---------|---------|------|---------|-------|-------|

| | | | | | |
|---------|---------|------|---------|-------|-------|
| [OTHER] | 120-130 | 0.58 | 2145.21 | 99.89 | 99.89 |
|---------|---------|------|---------|-------|-------|

| | | | | | |
|---------|---------|------|---------|-------|-------|
| [OTHER] | 130-140 | 0.67 | 2145.88 | 99.92 | 99.92 |
|---------|---------|------|---------|-------|-------|

| | | | | | |
|---------|---------|------|---------|-------|-------|
| [OTHER] | 140-150 | 0.64 | 2146.52 | 99.95 | 99.95 |
|---------|---------|------|---------|-------|-------|

| | | | | | |
|---------|---------|------|---------|-------|-------|
| [OTHER] | 150-160 | 0.53 | 2147.05 | 99.97 | 99.97 |
|---------|---------|------|---------|-------|-------|

| | | | | | |
|---------|---------|------|---------|-------|-------|
| [OTHER] | 160-170 | 0.43 | 2147.48 | 99.99 | 99.99 |
|---------|---------|------|---------|-------|-------|

| | | | | | |
|---------|---------|------|---------|--------|--------|
| [OTHER] | 170-180 | 0.16 | 2147.65 | 100.00 | 100.00 |
|---------|---------|------|---------|--------|--------|

[OTHER]

Note: Candela values converted from Type-C to Type-B

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PF1E MD F UV 840.IES

CHARACTERISTICS

| | |
|------------------------------|-----------------|
| NEMA Type | 7 H x 6 V |
| Maximum Candela | 942.15 |
| Maximum Candela Angle | 3H 3V |
| Horizontal Beam Angle (50%) | 107.8 |
| Vertical Beam Angle (50%) | 90.2 |
| Horizontal Field Angle (10%) | 146.5 |
| Vertical Field Angle (10%) | 117.4 |
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Beam Lumens | 1720 |
| Beam Efficiency | N.A. |
| Field Lumens | 2092 |
| Field Efficiency | N.A. |
| Spill Lumens | 60 |
| Luminaire Lumens | 2152 |
| Total Efficiency | N.A. |
| Total Luminaire Watts | 19.8 |
| Ballast Factor | 1.00 |

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PF1E MD F UV 840.IES

AXIAL CANDELA

| DEG. | HOR. | DEG. | VERT. |
|-------|--------|-------|--------|
| 90 | 0 | 90 | 0 |
| 85 | .85 | 85 | 5.89 |
| 75 | 63.21 | 75 | 24.75 |
| 65 | 258.87 | 65 | 51.27 |
| 55 | 448.71 | 55 | 183.82 |
| 47.5 | 616.84 | 47.5 | 420.63 |
| 42.5 | 682.21 | 42.5 | 570.27 |
| 37.5 | 764.83 | 37.5 | 718.66 |
| 33 | 789.46 | 33 | 773.17 |
| 29 | 834.05 | 29 | 849.84 |
| 25.5 | 853.55 | 25.5 | 862.57 |
| 22.5 | 868.71 | 22.5 | 877.71 |
| 19.5 | 884.61 | 19.5 | 900.31 |
| 17 | 894.57 | 17 | 906.29 |
| 15 | 907.14 | 15 | 903.7 |
| 13 | 913.25 | 13 | 918.77 |
| 11 | 921.85 | 11 | 923.99 |
| 9 | 924.04 | 9 | 929.07 |
| 7 | 934.6 | 7 | 923.85 |
| 5 | 929.35 | 5 | 928.18 |
| 3 | 938.48 | 3 | 922 |
| 1 | 928.3 | 1 | 922.7 |
| 0 | 928.13 | 0 | 928.13 |
| -1 | 933.44 | -1 | 923.82 |
| -3 | 928.39 | -3 | 924.64 |
| -5 | 930.96 | -5 | 921.29 |
| -7 | 931.66 | -7 | 922.13 |
| -9 | 920.32 | -9 | 923.02 |
| -11 | 912.4 | -11 | 917.79 |
| -13 | 907.61 | -13 | 911.25 |
| -15 | 905.13 | -15 | 908.33 |
| -17 | 895.05 | -17 | 902.76 |
| -19.5 | 882.43 | -19.5 | 892.42 |
| -22.5 | 868.03 | -22.5 | 884.95 |
| -25.5 | 847.91 | -25.5 | 854.14 |
| -29 | 822.76 | -29 | 840.5 |
| -33 | 790.28 | -33 | 768.8 |
| -37.5 | 759.65 | -37.5 | 638.3 |
| -42.5 | 669.98 | -42.5 | 531.94 |
| -47.5 | 608.27 | -47.5 | 349.4 |
| -55 | 441.62 | -55 | 82.8 |
| -65 | 255.51 | -65 | 28.35 |
| -75 | 58.18 | -75 | 5.65 |
| -85 | 1.18 | -85 | 3.87 |
| -90 | 0 | -90 | 0 |

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PF1E MD F UV 840.IES

CANDELA TABULATION

Maximum Candela = 942.15

Beam Edge = 471.075 Cd (50% of Max.)

Field Edge = 94.215 Cd (10% of Max.)

* Indicates Values Inside Field Edge

| Vert. Angles | Horizontal Angles | | | | | | | | | |
|-----------------|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | <u>-90.0</u> | <u>-85.0</u> | <u>-75.0</u> | <u>-65.0</u> | <u>-55.0</u> | <u>-47.5</u> | <u>-42.5</u> | <u>-37.5</u> | <u>-33.0</u> | <u>-29.0</u> |
| 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 85.0 | 0.00 | 0.00 | 0.47 | 2.57 | 3.68 | 3.98 | 4.46 | 5.01 | 5.18 | 5.34 |
| 75.0 | 0.00 | 0.15 | 5.88 | 11.57 | 15.31 | 18.05 | 18.85 | 19.95 | 21.22 | 22.16 |
| 65.0 | 0.00 | 0.57 | 8.05 | 16.14 | 25.89 | 35.74 | 36.57 | 39.93 | 42.69 | 44.86 |
| 55.0 | 0.00 | 1.11 | 10.41 | 29.32 | 79.60 | 101.62 * | 95.42 * | 120.88 * | 146.88 * | 152.04 * |
| 47.5 | 0.00 | 1.43 | 13.41 | 58.05 | 156.60 * | 203.14 * | 256.13 * | 290.52 * | 340.65 * | 355.20 * |
| 42.5 | 0.00 | 1.59 | 16.11 | 85.81 | 230.54 * | 302.20 * | 358.30 * | 404.83 * | 467.71 * | 521.71 * |
| 37.5 | 0.00 | 1.73 | 18.86 | 118.36 * | 277.40 * | 365.45 * | 437.15 * | 547.43 * | 601.62 * | 616.51 * |
| 33.0 | 0.00 | 1.75 | 22.66 | 145.47 * | 333.64 * | 438.44 * | 524.45 * | 605.08 * | 642.58 * | 669.47 * |
| 29.0 | 0.00 | 1.77 | 26.63 | 161.83 * | 363.03 * | 488.07 * | 580.31 * | 635.53 * | 675.12 * | 737.76 * |
| 25.5 | 0.00 | 1.76 | 31.84 | 179.80 * | 381.24 * | 531.66 * | 609.73 * | 659.53 * | 722.82 * | 774.05 * |
| 22.5 | 0.00 | 1.74 | 36.09 | 195.87 * | 391.91 * | 553.45 * | 624.42 * | 681.62 * | 754.86 * | 779.03 * |
| 19.5 | 0.00 | 1.70 | 40.31 | 210.81 * | 406.31 * | 566.66 * | 636.22 * | 714.56 * | 766.72 * | 786.30 * |
| 17.0 | 0.00 | 1.66 | 43.77 | 221.16 * | 417.71 * | 577.86 * | 646.69 * | 737.04 * | 772.89 * | 793.67 * |
| 15.0 | 0.00 | 1.63 | 46.33 | 227.94 * | 425.89 * | 586.25 * | 653.10 * | 744.12 * | 775.46 * | 803.56 * |
| 13.0 | 0.00 | 1.58 | 48.69 | 234.11 * | 432.79 * | 593.51 * | 659.35 * | 746.16 * | 779.18 * | 811.92 * |
| 11.0 | 0.00 | 1.60 | 50.84 | 239.67 * | 436.20 * | 598.91 * | 662.44 * | 749.04 * | 782.37 * | 816.79 * |
| 9.0 | 0.00 | 1.52 | 52.76 | 244.54 * | 439.10 * | 603.30 * | 664.91 * | 752.49 * | 785.28 * | 822.56 * |
| 7.0 | 0.00 | 1.45 | 54.44 | 248.63 * | 441.14 * | 606.18 * | 666.42 * | 757.03 * | 787.32 * | 824.18 * |
| 5.0 | 0.00 | 1.37 | 56.79 | 251.85 * | 442.31 * | 607.77 * | 669.63 * | 758.50 * | 789.19 * | 824.28 * |
| 3.0 | 0.00 | 1.29 | 57.35 | 255.38 * | 443.54 * | 608.62 * | 671.12 * | 759.64 * | 790.27 * | 824.26 * |
| 1.0 | 0.00 | 1.22 | 57.90 | 255.47 * | 442.26 * | 608.62 * | 670.82 * | 759.88 * | 790.61 * | 823.74 * |
| 0.0 | 0.00 | 1.18 | 58.18 | 255.51 * | 441.62 * | 608.27 * | 669.98 * | 759.65 * | 790.28 * | 822.76 * |
| -1.0 | 0.00 | 1.18 | 57.87 | 254.73 * | 442.38 * | 609.04 * | 670.99 * | 759.93 * | 791.23 * | 824.08 * |
| -3.0 | 0.00 | 1.17 | 57.24 | 253.16 * | 443.90 * | 609.87 * | 671.66 * | 759.85 * | 792.11 * | 825.23 * |
| -5.0 | 0.00 | 1.17 | 56.61 | 248.08 * | 442.94 * | 609.81 * | 670.63 * | 759.02 * | 792.20 * | 825.73 * |
| -7.0 | 0.00 | 1.16 | 54.12 | 243.29 * | 442.06 * | 608.95 * | 668.05 * | 758.04 * | 791.40 * | 825.84 * |
| -9.0 | 0.00 | 1.15 | 52.30 | 237.56 * | 440.38 * | 606.96 * | 667.70 * | 752.24 * | 790.33 * | 824.26 * |
| -11.0 | 0.00 | 1.15 | 50.19 | 230.96 * | 437.88 * | 603.79 * | 666.94 * | 746.71 * | 787.32 * | 818.47 * |
| -13.0 | 0.00 | 1.07 | 47.80 | 223.57 * | 434.94 * | 599.84 * | 665.91 * | 741.44 * | 783.82 * | 815.20 * |
| -15.0 | 0.00 | 1.03 | 45.14 | 215.45 * | 431.72 * | 593.86 * | 660.50 * | 736.55 * | 780.03 * | 811.62 * |
| -17.0 | 0.00 | 1.00 | 42.21 | 208.67 * | 428.30 * | 586.54 * | 654.98 * | 734.38 * | 774.28 * | 804.66 * |
| -19.5 | 0.00 | 0.95 | 38.19 | 201.14 * | 421.75 * | 572.18 * | 645.96 * | 716.78 * | 768.01 * | 796.29 * |
| -22.5 | 0.00 | 0.89 | 33.45 | 191.69 * | 410.11 * | 553.10 * | 635.10 * | 688.63 * | 753.67 * | 788.77 * |
| -25.5 | 0.00 | 0.82 | 28.89 | 179.58 * | 390.99 * | 529.60 * | 610.43 * | 670.03 * | 732.50 * | 774.12 * |
| -29.0 | 0.00 | 0.74 | 23.37 | 163.88 * | 366.63 * | 484.96 * | 566.03 * | 643.51 * | 688.41 * | 746.12 * |
| -33.0 | 0.00 | 0.63 | 18.97 | 141.00 * | 339.46 * | 429.28 * | 508.16 * | 567.94 * | 651.86 * | 687.60 * |
| -37.5 | 0.00 | 0.52 | 14.70 | 108.00 * | 284.73 * | 378.36 * | 430.55 * | 481.27 * | 535.63 * | 619.93 * |
| -42.5 | 0.00 | 0.38 | 11.49 | 84.29 | 197.09 * | 282.56 * | 334.62 * | 395.07 * | 425.86 * | 432.00 * |
| -47.5 | 0.00 | 0.25 | 8.46 | 54.93 | 147.97 * | 203.85 * | 218.73 * | 272.77 * | 278.05 * | 323.51 * |
| -55.0 | 0.00 | 0.09 | 4.79 | 20.02 | 69.16 | 88.15 | 72.19 | 113.00 * | 109.37 * | 117.17 * |
| -65.0 | 0.00 | 0.08 | 1.55 | 6.04 | 13.45 | 22.31 | 19.50 | 21.71 | 23.87 | 25.35 |
| -75.0 | 0.00 | 0.02 | 0.41 | 0.84 | 2.89 | 3.53 | 3.43 | 4.11 | 4.78 | 5.16 |
| -85.0 | 0.00 | 0.00 | 0.07 | 0.51 | 1.29 | 1.97 | 2.35 | 2.70 | 2.99 | 3.26 |
| -90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PF1E MD F UV 840.IES

CANDELA TABULATION - (Cont.)

| Vert. Angles | Horizontal Angles | | | | | | | | | |
|-------------------------|--------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|
| | <u>-25.5</u> | <u>-22.5</u> | <u>-19.5</u> | <u>-17.0</u> | <u>-15.0</u> | <u>-13.0</u> | <u>-11.0</u> | <u>-9.0</u> | <u>-7.0</u> | <u>-5.0</u> |
| 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 85.0 | 5.38 | 5.34 | 5.59 | 5.75 | 5.85 | 5.92 | 6.29 | 6.22 | 6.14 | 6.07 |
| 75.0 | 22.80 | 23.10 | 23.34 | 23.56 | 23.73 | 23.89 | 24.04 | 24.18 | 24.32 | 24.46 |
| 65.0 | 46.36 | 47.31 | 48.11 | 49.15 | 49.86 | 50.43 | 50.89 | 51.24 | 51.46 | 51.56 |
| 55.0 | 144.32 * | 160.18 * | 167.55 * | 166.89 * | 166.19 * | 168.68 * | 171.25 * | 174.66 * | 178.08 * | 181.06 * |
| 47.5 | 367.64 * | 376.35 * | 381.61 * | 397.33 * | 422.56 * | 430.09 * | 425.28 * | 420.98 * | 419.96 * | 422.86 * |
| 42.5 | 541.44 * | 537.44 * | 524.26 * | 521.58 * | 549.91 * | 589.13 * | 592.49 * | 593.30 * | 589.06 * | 586.67 * |
| 37.5 | 632.59 * | 664.75 * | 683.16 * | 696.66 * | 703.33 * | 708.06 * | 713.12 * | 717.43 * | 721.06 * | 720.84 * |
| 33.0 | 704.85 * | 739.67 * | 752.33 * | 751.93 * | 755.59 * | 757.27 * | 765.28 * | 773.96 * | 779.20 * | 781.61 * |
| 29.0 | 778.54 * | 775.83 * | 781.28 * | 799.34 * | 816.65 * | 830.44 * | 838.79 * | 839.99 * | 843.93 * | 847.10 * |
| 25.5 | 782.94 * | 794.23 * | 814.26 * | 829.96 * | 840.16 * | 846.35 * | 848.43 * | 848.68 * | 852.80 * | 857.28 * |
| 22.5 | 793.41 * | 811.69 * | 832.86 * | 843.63 * | 850.97 * | 854.11 * | 860.52 * | 864.41 * | 870.20 * | 875.04 * |
| 19.5 | 809.51 * | 832.20 * | 848.66 * | 858.46 * | 868.73 * | 872.75 * | 881.66 * | 890.85 * | 896.95 * | 897.41 * |
| 17.0 | 825.57 * | 840.59 * | 856.93 * | 873.74 * | 877.34 * | 882.02 * | 889.72 * | 900.24 * | 904.63 * | 904.75 * |
| 15.0 | 833.72 * | 849.49 * | 866.11 * | 875.73 * | 875.13 * | 884.45 * | 891.57 * | 896.59 * | 901.97 * | 905.69 * |
| 13.0 | 837.43 * | 851.10 * | 869.33 * | 877.12 * | 882.15 * | 884.25 * | 890.40 * | 897.20 * | 907.77 * | 914.32 * |
| 11.0 | 841.70 * | 856.97 * | 874.09 * | 880.82 * | 888.50 * | 890.78 * | 893.19 * | 905.75 * | 910.65 * | 923.01 * |
| 9.0 | 844.76 * | 859.46 * | 876.93 * | 888.60 * | 895.35 * | 897.99 * | 904.38 * | 903.54 * | 914.20 * | 918.20 * |
| 7.0 | 845.20 * | 863.75 * | 878.92 * | 896.35 * | 902.53 * | 903.09 * | 908.24 * | 914.20 * | 911.31 * | 916.38 * |
| 5.0 | 846.65 * | 867.52 * | 879.61 * | 899.09 * | 904.75 * | 908.40 * | 915.86 * | 914.14 * | 911.70 * | 911.12 * |
| 3.0 | 847.94 * | 868.28 * | 881.78 * | 898.12 * | 903.80 * | 910.32 * | 918.05 * | 913.27 * | 917.67 * | 920.70 * |
| 1.0 | 848.14 * | 868.29 * | 882.72 * | 896.00 * | 904.80 * | 908.86 * | 915.06 * | 917.83 * | 926.10 * | 928.90 * |
| 0.0 | 847.91 * | 868.03 * | 882.43 * | 895.05 * | 905.13 * | 907.61 * | 912.40 * | 920.32 * | 931.66 * | 930.96 * |
| -1.0 | 848.82 * | 868.93 * | 882.65 * | 895.84 * | 905.18 * | 909.01 * | 915.59 * | 920.63 * | 928.30 * | 927.78 * |
| -3.0 | 849.96 * | 870.14 * | 882.27 * | 896.70 * | 904.26 * | 910.56 * | 916.36 * | 922.72 * | 927.50 * | 928.98 * |
| -5.0 | 849.95 * | 870.45 * | 882.25 * | 894.05 * | 903.54 * | 908.16 * | 907.35 * | 925.91 * | 929.88 * | 936.14 * |
| -7.0 | 848.24 * | 870.20 * | 883.96 * | 888.34 * | 903.46 * | 908.92 * | 914.91 * | 919.07 * | 930.23 * | 927.50 * |
| -9.0 | 845.75 * | 869.89 * | 884.47 * | 889.68 * | 900.65 * | 912.65 * | 915.35 * | 916.15 * | 917.60 * | 919.27 * |
| -11.0 | 845.48 * | 863.75 * | 881.91 * | 891.06 * | 897.68 * | 911.07 * | 919.45 * | 917.09 * | 911.66 * | 913.71 * |
| -13.0 | 843.65 * | 857.60 * | 878.04 * | 893.38 * | 896.49 * | 904.79 * | 912.45 * | 912.20 * | 912.29 * | 912.93 * |
| -15.0 | 841.39 * | 854.19 * | 872.49 * | 886.46 * | 899.96 * | 897.81 * | 901.85 * | 906.80 * | 903.79 * | 902.54 * |
| -17.0 | 837.55 * | 850.16 * | 860.96 * | 883.25 * | 887.33 * | 893.55 * | 892.46 * | 892.10 * | 899.12 * | 903.17 * |
| -19.5 | 826.08 * | 847.33 * | 858.25 * | 861.17 * | 871.68 * | 877.07 * | 881.12 * | 882.37 * | 884.56 * | 888.40 * |
| -22.5 | 807.40 * | 837.45 * | 848.96 * | 850.32 * | 855.76 * | 856.14 * | 860.46 * | 864.56 * | 869.67 * | 875.33 * |
| -25.5 | 797.20 * | 809.00 * | 831.24 * | 840.84 * | 838.89 * | 840.22 * | 844.03 * | 847.18 * | 849.06 * | 851.83 * |
| -29.0 | 777.43 * | 786.74 * | 788.21 * | 800.84 * | 813.30 * | 823.51 * | 829.40 * | 829.10 * | 831.92 * | 834.52 * |
| -33.0 | 702.33 * | 725.86 * | 746.47 * | 753.71 * | 756.14 * | 754.48 * | 760.92 * | 768.02 * | 772.40 * | 774.73 * |
| -37.5 | 620.00 * | 613.58 * | 604.81 * | 607.48 * | 620.89 * | 640.95 * | 652.93 * | 656.38 * | 657.42 * | 653.38 * |
| -42.5 | 451.78 * | 488.07 * | 523.90 * | 518.75 * | 511.00 * | 514.54 * | 517.72 * | 523.47 * | 529.21 * | 530.98 * |
| -47.5 | 330.63 * | 348.54 * | 345.60 * | 336.34 * | 339.16 * | 344.32 * | 346.82 * | 348.65 * | 352.06 * | 354.81 * |
| -55.0 | 124.18 * | 101.67 * | 93.00 | 109.61 * | 127.76 * | 138.87 * | 130.75 * | 122.77 * | 114.62 * | 106.15 * |
| -65.0 | 26.07 | 26.25 | 26.49 | 27.33 | 27.88 | 28.33 | 28.66 | 28.86 | 28.95 | 28.93 |
| -75.0 | 5.35 | 5.29 | 5.34 | 5.42 | 5.48 | 5.52 | 5.56 | 5.58 | 5.61 | 5.63 |
| -85.0 | 3.49 | 3.69 | 3.72 | 3.75 | 3.76 | 3.78 | 3.84 | 3.84 | 3.85 | 3.85 |
| -90.0 | 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>-3.0</u> | <u>-1.0</u> | <u>0.0</u> | <u>1.0</u> | <u>3.0</u> | <u>5.0</u> | <u>7.0</u> | <u>9.0</u> | <u>11.0</u> | <u>13.0</u> |
| 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 85.0 | 6.00 | 5.93 | 5.89 | 5.95 | 6.06 | 6.18 | 6.29 | 6.41 | 6.52 | 6.19 |
| 75.0 | 24.58 | 24.69 | 24.75 | 24.69 | 24.58 | 24.46 | 24.33 | 24.20 | 24.06 | 23.93 |
| 65.0 | 51.68 | 51.41 | 51.27 | 51.44 | 51.78 | 51.72 | 51.67 | 51.49 | 51.18 | 50.73 |

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PF1E MD F UV 840.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 55.0 | 185.12 * | 184.25 * | 183.82 * | 185.08 * | 187.59 * | 184.56 * | 182.15 * | 178.50 * | 173.80 * | 168.93 * |
| 47.5 | 424.54 * | 423.11 * | 420.63 * | 423.04 * | 424.30 * | 422.38 * | 419.10 * | 419.86 * | 424.22 * | 429.29 * |
| 42.5 | 582.96 * | 575.80 * | 570.27 * | 575.44 * | 581.95 * | 585.27 * | 587.66 * | 594.59 * | 599.14 * | 602.78 * |
| 37.5 | 720.38 * | 719.37 * | 718.66 * | 719.57 * | 720.82 * | 721.06 * | 720.51 * | 716.66 * | 712.10 * | 706.79 * |
| 33.0 | 780.22 * | 776.19 * | 773.17 * | 776.43 * | 781.22 * | 784.12 * | 784.48 * | 783.18 * | 768.29 * | 754.15 * |
| 29.0 | 848.89 * | 849.73 * | 849.84 * | 848.52 * | 845.67 * | 842.90 * | 840.44 * | 835.65 * | 828.22 * | 826.73 * |
| 25.5 | 860.00 * | 861.77 * | 862.57 * | 861.13 * | 857.85 * | 852.96 * | 847.95 * | 844.94 * | 842.08 * | 840.87 * |
| 22.5 | 877.33 * | 877.92 * | 877.71 * | 877.00 * | 874.91 * | 872.03 * | 866.53 * | 860.43 * | 861.41 * | 856.51 * |
| 19.5 | 899.54 * | 900.51 * | 900.31 * | 899.03 * | 895.58 * | 891.63 * | 886.29 * | 881.81 * | 879.10 * | 878.18 * |
| 17.0 | 905.59 * | 905.94 * | 906.29 * | 904.24 * | 900.04 * | 894.28 * | 890.04 * | 894.38 * | 890.28 * | 889.12 * |
| 15.0 | 906.76 * | 904.77 * | 903.70 * | 902.74 * | 900.97 * | 896.89 * | 896.05 * | 898.84 * | 898.67 * | 892.19 * |
| 13.0 | 916.78 * | 918.87 * | 918.77 * | 916.08 * | 910.31 * | 908.75 * | 905.93 * | 907.30 * | 910.37 * | 904.58 * |
| 11.0 | 922.48 * | 923.16 * | 923.99 * | 922.75 * | 920.52 * | 920.41 * | 911.29 * | 914.79 * | 917.81 * | 912.80 * |
| 9.0 | 924.26 * | 928.31 * | 929.07 * | 927.00 * | 922.69 * | 922.22 * | 923.11 * | 920.85 * | 915.29 * | 911.50 * |
| 7.0 | 926.73 * | 926.34 * | 923.85 * | 924.55 * | 923.48 * | 926.20 * | 924.65 * | 922.67 * | 914.76 * | 911.13 * |
| 5.0 | 926.34 * | 929.37 * | 928.18 * | 929.94 * | 933.03 * | 936.13 * | 928.84 * | 922.54 * | 916.08 * | 910.65 * |
| 3.0 | 924.15 * | 926.55 * | 922.00 * | 925.02 * | 942.15 * | 932.90 * | 928.38 * | 924.70 * | 919.01 * | 911.34 * |
| 1.0 | 922.03 * | 924.15 * | 922.70 * | 931.37 * | 926.38 * | 930.68 * | 931.85 * | 924.96 * | 921.42 * | 912.99 * |
| 0.0 | 928.39 * | 933.44 * | 928.13 * | 928.30 * | 938.48 * | 929.35 * | 934.60 * | 924.04 * | 921.85 * | 913.25 * |
| -1.0 | 925.71 * | 935.65 * | 923.82 * | 925.00 * | 920.39 * | 926.91 * | 930.14 * | 922.05 * | 918.64 * | 911.64 * |
| -3.0 | 936.67 * | 920.22 * | 924.64 * | 927.29 * | 916.76 * | 921.58 * | 915.02 * | 916.55 * | 913.74 * | 907.90 * |
| -5.0 | 925.67 * | 922.92 * | 921.29 * | 925.07 * | 925.64 * | 907.94 * | 915.33 * | 911.60 * | 913.98 * | 906.54 * |
| -7.0 | 914.19 * | 918.42 * | 922.13 * | 923.90 * | 925.46 * | 918.49 * | 912.60 * | 910.97 * | 905.62 * | 905.73 * |
| -9.0 | 919.42 * | 922.80 * | 923.02 * | 922.09 * | 919.93 * | 918.89 * | 915.02 * | 908.88 * | 903.77 * | 901.64 * |
| -11.0 | 915.69 * | 916.98 * | 917.79 * | 919.55 * | 922.12 * | 919.47 * | 916.28 * | 905.25 * | 902.36 * | 892.80 * |
| -13.0 | 910.74 * | 910.79 * | 911.25 * | 913.84 * | 916.74 * | 914.28 * | 910.65 * | 906.30 * | 895.41 * | 884.29 * |
| -15.0 | 907.22 * | 908.40 * | 908.33 * | 909.30 * | 910.69 * | 910.48 * | 907.26 * | 898.13 * | 888.64 * | 884.46 * |
| -17.0 | 902.69 * | 902.95 * | 902.76 * | 903.48 * | 903.33 * | 901.55 * | 897.54 * | 890.37 * | 887.04 * | 883.05 * |
| -19.5 | 890.15 * | 891.75 * | 892.42 * | 892.31 * | 891.76 * | 891.31 * | 891.85 * | 888.93 * | 882.40 * | 872.64 * |
| -22.5 | 879.84 * | 883.53 * | 884.95 * | 884.65 * | 883.11 * | 880.51 * | 878.98 * | 877.45 * | 861.75 * | 854.39 * |
| -25.5 | 853.52 * | 854.14 * | 854.14 * | 854.46 * | 854.37 * | 852.92 * | 848.01 * | 841.21 * | 843.50 * | 841.58 * |
| -29.0 | 837.15 * | 839.60 * | 840.50 * | 840.17 * | 838.83 * | 837.26 * | 835.64 * | 831.05 * | 823.84 * | 820.54 * |
| -33.0 | 774.05 * | 771.18 * | 768.80 * | 770.78 * | 772.88 * | 772.82 * | 769.82 * | 764.85 * | 758.06 * | 751.07 * |
| -37.5 | 650.31 * | 643.64 * | 638.30 * | 643.71 * | 650.43 * | 653.32 * | 656.90 * | 657.96 * | 657.78 * | 644.42 * |
| -42.5 | 531.99 * | 532.18 * | 531.94 * | 531.91 * | 531.20 * | 529.71 * | 527.56 * | 521.95 * | 516.84 * | 514.61 * |
| -47.5 | 354.22 * | 351.35 * | 349.40 * | 350.75 * | 352.54 * | 352.45 * | 349.71 * | 346.37 * | 344.14 * | 341.29 * |
| -55.0 | 98.02 * | 87.88 * | 82.80 * | 87.87 * | 98.00 * | 105.98 * | 114.20 * | 121.92 * | 129.24 * | 136.48 * |
| -65.0 | 28.91 | 28.54 | 28.35 | 28.46 | 28.69 | 28.56 | 28.44 | 28.21 | 27.85 | 27.38 |
| -75.0 | 5.64 | 5.65 | 5.65 | 5.59 | 5.48 | 5.36 | 5.24 | 5.12 | 4.99 | 4.86 |
| -85.0 | 3.86 | 3.87 | 3.87 | 3.83 | 3.75 | 3.68 | 3.60 | 3.52 | 3.44 | 3.32 |
| -90.0 | 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>15.0</u> | <u>17.0</u> | <u>19.5</u> | <u>22.5</u> | <u>25.5</u> | <u>29.0</u> | <u>33.0</u> | <u>37.5</u> | <u>42.5</u> | <u>47.5</u> |
|------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 85.0 | 6.14 | 6.07 | 5.95 | 5.75 | 5.81 | 5.81 | 5.71 | 5.61 | 5.07 | 4.45 |
| 75.0 | 23.79 | 23.65 | 23.47 | 23.26 | 23.06 | 22.52 | 21.79 | 20.58 | 19.35 | 18.54 |
| 65.0 | 50.14 | 49.47 | 48.53 | 48.07 | 47.44 | 46.29 | 44.45 | 41.82 | 39.15 | 39.01 |
| 55.0 | 166.40 * | 167.04 * | 173.51 * | 180.18 * | 149.68 * | 154.69 * | 161.49 * | 128.65 * | 120.97 * | 114.19 * |
| 47.5 | 427.43 * | 414.61 * | 396.00 * | 388.39 * | 390.07 * | 371.41 * | 354.71 * | 323.81 * | 264.07 * | 211.36 * |
| 42.5 | 564.87 * | 534.86 * | 530.57 * | 541.91 * | 543.24 * | 532.77 * | 514.95 * | 418.32 * | 392.69 * | 311.69 * |
| 37.5 | 703.67 * | 700.62 * | 691.61 * | 677.11 * | 647.32 * | 634.36 * | 606.00 * | 559.89 * | 445.02 * | 399.79 * |
| 33.0 | 753.33 * | 755.04 * | 753.49 * | 754.50 * | 733.56 * | 696.77 * | 659.89 * | 608.65 * | 546.42 * | 449.76 * |
| 29.0 | 821.49 * | 808.42 * | 790.94 * | 781.64 * | 780.23 * | 763.36 * | 697.81 * | 650.75 * | 584.63 * | 488.21 * |
| 25.5 | 837.79 * | 832.46 * | 827.03 * | 808.11 * | 791.62 * | 776.48 * | 739.26 * | 675.10 * | 612.24 * | 536.48 * |

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PF1E MD F UV 840.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 22.5 | 857.64 * | 852.68 * | 839.09 * | 827.58 * | 805.42 * | 782.27 * | 763.09 * | 698.31 * | 632.39 * | 560.42 * |
| 19.5 | 878.43 * | 874.61 * | 863.44 * | 839.30 * | 824.04 * | 795.50 * | 769.68 * | 721.10 * | 648.18 * | 574.99 * |
| 17.0 | 887.11 * | 885.29 * | 873.18 * | 852.96 * | 832.37 * | 801.92 * | 771.52 * | 736.39 * | 662.05 * | 586.30 * |
| 15.0 | 893.12 * | 886.63 * | 878.37 * | 857.52 * | 839.94 * | 812.54 * | 774.06 * | 745.64 * | 668.54 * | 593.50 * |
| 13.0 | 892.07 * | 889.59 * | 878.99 * | 861.59 * | 845.22 * | 821.45 * | 784.98 * | 748.97 * | 673.75 * | 599.82 * |
| 11.0 | 900.04 * | 890.15 * | 882.51 * | 865.83 * | 846.65 * | 825.97 * | 788.62 * | 753.44 * | 677.34 * | 605.02 * |
| 9.0 | 906.33 * | 894.20 * | 885.08 * | 867.91 * | 848.69 * | 829.16 * | 789.89 * | 757.58 * | 680.82 * | 609.15 * |
| 7.0 | 907.23 * | 896.65 * | 885.71 * | 870.13 * | 852.11 * | 831.97 * | 790.92 * | 761.72 * | 683.08 * | 612.43 * |
| 5.0 | 905.04 * | 899.20 * | 885.69 * | 870.41 * | 854.18 * | 833.68 * | 791.50 * | 762.97 * | 684.29 * | 615.00 * |
| 3.0 | 906.35 * | 899.24 * | 885.68 * | 870.69 * | 854.62 * | 834.61 * | 791.23 * | 764.24 * | 684.30 * | 616.56 * |
| 1.0 | 907.26 * | 896.52 * | 885.32 * | 869.63 * | 854.03 * | 834.68 * | 790.29 * | 764.85 * | 683.18 * | 617.03 * |
| 0.0 | 907.14 * | 894.57 * | 884.61 * | 868.71 * | 853.55 * | 834.05 * | 789.46 * | 764.83 * | 682.21 * | 616.84 * |
| -1.0 | 907.11 * | 894.36 * | 883.75 * | 869.12 * | 853.33 * | 833.40 * | 789.46 * | 764.22 * | 682.77 * | 616.86 * |
| -3.0 | 905.15 * | 893.11 * | 881.56 * | 869.45 * | 852.51 * | 830.92 * | 788.88 * | 762.28 * | 683.09 * | 615.97 * |
| -5.0 | 900.91 * | 889.92 * | 880.27 * | 869.20 * | 850.71 * | 828.00 * | 788.01 * | 759.43 * | 682.24 * | 613.72 * |
| -7.0 | 895.90 * | 883.34 * | 878.70 * | 866.87 * | 847.51 * | 824.96 * | 786.93 * | 756.32 * | 680.15 * | 609.98 * |
| -9.0 | 889.57 * | 879.37 * | 877.06 * | 861.73 * | 843.23 * | 820.39 * | 786.01 * | 751.75 * | 677.36 * | 605.68 * |
| -11.0 | 883.09 * | 881.64 * | 874.78 * | 855.59 * | 835.04 * | 813.69 * | 781.83 * | 747.77 * | 673.65 * | 601.22 * |
| -13.0 | 882.64 * | 878.78 * | 867.69 * | 849.98 * | 830.38 * | 808.64 * | 776.91 * | 740.61 * | 670.01 * | 595.95 * |
| -15.0 | 879.74 * | 873.73 * | 857.58 * | 844.88 * | 828.14 * | 800.08 * | 771.26 * | 731.94 * | 664.41 * | 589.34 * |
| -17.0 | 874.95 * | 862.03 * | 852.07 * | 838.88 * | 822.79 * | 789.47 * | 764.51 * | 726.57 * | 657.99 * | 581.56 * |
| -19.5 | 860.90 * | 853.14 * | 845.72 * | 832.90 * | 808.55 * | 783.45 * | 756.01 * | 712.18 * | 646.19 * | 569.28 * |
| -22.5 | 845.96 * | 844.54 * | 835.94 * | 811.68 * | 789.56 * | 770.80 * | 744.24 * | 686.46 * | 634.06 * | 554.86 * |
| -25.5 | 836.35 * | 828.72 * | 812.42 * | 789.56 * | 775.87 * | 759.15 * | 716.91 * | 665.83 * | 591.97 * | 543.12 * |
| -29.0 | 808.98 * | 788.94 * | 774.90 * | 765.38 * | 760.90 * | 726.05 * | 677.33 * | 631.02 * | 551.80 * | 504.57 * |
| -33.0 | 747.98 * | 747.17 * | 738.31 * | 715.63 * | 683.04 * | 669.81 * | 637.60 * | 545.73 * | 507.64 * | 432.19 * |
| -37.5 | 617.63 * | 599.16 * | 594.35 * | 602.32 * | 611.05 * | 595.42 * | 510.55 * | 474.86 * | 427.06 * | 368.46 * |
| -42.5 | 510.49 * | 515.36 * | 511.46 * | 464.72 * | 435.32 * | 427.33 * | 420.33 * | 375.85 * | 329.54 * | 277.28 * |
| -47.5 | 335.90 * | 332.83 * | 341.76 * | 341.73 * | 323.68 * | 308.61 * | 265.16 * | 266.37 * | 210.00 * | 202.82 * |
| -55.0 | 122.40 * | 100.40 * | 83.40 | 98.50 * | 120.51 * | 109.60 * | 110.58 * | 106.69 * | 67.95 | 87.41 |
| -65.0 | 26.79 | 26.11 | 25.14 | 24.70 | 24.28 | 23.37 | 21.81 | 19.55 | 17.50 | 19.87 |
| -75.0 | 4.73 | 4.59 | 4.42 | 4.28 | 4.28 | 4.04 | 3.56 | 2.82 | 2.23 | 2.65 |
| -85.0 | 3.23 | 3.15 | 3.04 | 2.92 | 2.73 | 2.53 | 2.30 | 2.08 | 1.70 | 1.36 |
| -90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| Vert. Angles | Horizontal Angles | | | | |
|-----------------|-------------------|----------|-------|------|------|
| | 55.0 | 65.0 | 75.0 | 85.0 | 90.0 |
| 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 85.0 | 3.84 | 2.59 | 0.48 | 0.00 | 0.00 |
| 75.0 | 15.80 | 11.42 | 5.76 | 0.16 | 0.00 |
| 65.0 | 27.43 | 16.84 | 7.93 | 0.59 | 0.00 |
| 55.0 | 90.31 | 31.01 | 10.68 | 1.23 | 0.00 |
| 47.5 | 180.47 * | 64.43 | 14.05 | 1.48 | 0.00 |
| 42.5 | 238.20 * | 94.33 * | 16.83 | 1.58 | 0.00 |
| 37.5 | 283.12 * | 128.03 * | 20.25 | 1.64 | 0.00 |
| 33.0 | 339.95 * | 151.46 * | 24.97 | 1.62 | 0.00 |
| 29.0 | 378.27 * | 176.65 * | 29.68 | 1.59 | 0.00 |
| 25.5 | 404.69 * | 196.61 * | 34.81 | 1.55 | 0.00 |
| 22.5 | 419.38 * | 210.63 * | 39.00 | 1.50 | 0.00 |
| 19.5 | 429.11 * | 223.14 * | 43.39 | 1.44 | 0.00 |
| 17.0 | 435.52 * | 233.05 * | 47.22 | 1.39 | 0.00 |
| 15.0 | 439.28 * | 239.49 * | 50.07 | 1.34 | 0.00 |
| 13.0 | 442.59 * | 244.05 * | 52.69 | 1.28 | 0.00 |
| 11.0 | 444.99 * | 248.06 * | 55.07 | 1.27 | 0.00 |
| 9.0 | 447.13 * | 251.50 * | 57.20 | 1.19 | 0.00 |

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PF1E MD F UV 840.IES

CANDELA TABULATION - (Cont.)

| | | | | | |
|--------------|----------|----------|-------|------|------|
| 7.0 | 448.68 * | 254.32 * | 59.06 | 1.12 | 0.00 |
| 5.0 | 449.57 * | 256.49 * | 61.66 | 1.04 | 0.00 |
| 3.0 | 450.64 * | 258.82 * | 62.28 | 0.96 | 0.00 |
| 1.0 | 449.35 * | 258.85 * | 62.90 | 0.85 | 0.00 |
| 0.0 | 448.71 * | 258.87 * | 63.21 | 0.85 | 0.00 |
| -1.0 | 449.54 * | 257.84 * | 62.80 | 0.85 | 0.00 |
| -3.0 | 451.21 * | 255.77 * | 61.98 | 0.84 | 0.00 |
| -5.0 | 450.26 * | 251.46 * | 61.17 | 0.84 | 0.00 |
| -7.0 | 449.31 * | 247.34 * | 58.33 | 0.84 | 0.00 |
| -9.0 | 447.37 * | 242.63 * | 56.23 | 0.83 | 0.00 |
| -11.0 | 444.41 * | 237.39 * | 53.85 | 0.83 | 0.00 |
| -13.0 | 440.78 * | 231.66 * | 51.18 | 0.78 | 0.00 |
| -15.0 | 436.27 * | 225.50 * | 48.25 | 0.76 | 0.00 |
| -17.0 | 431.02 * | 217.87 * | 45.07 | 0.74 | 0.00 |
| -19.5 | 420.62 * | 207.09 * | 40.75 | 0.71 | 0.00 |
| -22.5 | 402.08 * | 194.15 * | 35.89 | 0.68 | 0.00 |
| -25.5 | 386.43 * | 185.11 * | 31.39 | 0.64 | 0.00 |
| -29.0 | 368.59 * | 168.28 * | 25.93 | 0.59 | 0.00 |
| -33.0 | 345.50 * | 137.76 * | 20.80 | 0.52 | 0.00 |
| -37.5 | 287.70 * | 111.59 * | 15.65 | 0.46 | 0.00 |
| -42.5 | 188.76 * | 89.50 | 11.85 | 0.39 | 0.00 |
| -47.5 | 150.34 * | 52.59 | 8.72 | 0.33 | 0.00 |
| -55.0 | 70.07 | 19.89 | 4.83 | 0.23 | 0.00 |
| -65.0 | 12.48 | 5.95 | 1.43 | 0.10 | 0.00 |
| -75.0 | 2.29 | 0.58 | 0.40 | 0.02 | 0.00 |
| -85.0 | 0.88 | 0.41 | 0.07 | 0.00 | 0.00 |
| -90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PF1E MD F UV 840.IES

LUMEN TABULATION

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 1075.76

Total Field Lumens (one side of beam only) = 1045.82

* Indicates Values Inside Field Edge

| Vert. Angles | Horizontal Angles | | | | | | | | | |
|-----------------|-------------------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|
| | <u>0</u> | <u>1</u> | <u>3</u> | <u>5</u> | <u>7</u> | <u>9</u> | <u>11</u> | <u>13</u> | <u>15</u> | <u>17</u> |
| 90 | | | | | | | | | | |
| 85 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| 75 | 0.05 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.11 |
| 65 | 0.12 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.22 | 0.22 | 0.26 |
| 55 | 0.36 * | 0.72 * | 0.72 * | 0.71 * | 0.69 * | 0.68 * | 0.66 * | 0.64 * | 0.63 * | 0.79 * |
| 47.5 | 0.69 * | 1.39 * | 1.39 * | 1.37 * | 1.35 * | 1.34 * | 1.34 * | 1.32 * | 1.28 * | 1.54 * |
| 42.5 | 0.76 * | 1.53 * | 1.53 * | 1.53 * | 1.52 * | 1.53 * | 1.52 * | 1.48 * | 1.40 * | 1.67 * |
| 37.5 | 0.98 * | 1.98 * | 1.98 * | 1.98 * | 1.98 * | 1.96 * | 1.95 * | 1.89 * | 1.82 * | 2.21 * |
| 33 | 1.02 * | 2.05 * | 2.05 * | 2.05 * | 2.03 * | 2.01 * | 1.97 * | 1.94 * | 1.92 * | 2.35 * |
| 29 | 0.99 * | 1.98 * | 1.98 * | 1.97 * | 1.95 * | 1.93 * | 1.90 * | 1.87 * | 1.83 * | 2.24 * |
| 25.5 | 0.91 * | 1.82 * | 1.81 * | 1.80 * | 1.78 * | 1.77 * | 1.75 * | 1.72 * | 1.69 * | 2.05 * |
| 22.5 | 0.79 * | 1.59 * | 1.58 * | 1.57 * | 1.55 * | 1.54 * | 1.52 * | 1.50 * | 1.48 * | 1.81 * |
| 19.5 | 0.81 * | 1.62 * | 1.61 * | 1.60 * | 1.59 * | 1.57 * | 1.55 * | 1.53 * | 1.51 * | 1.85 * |
| 17 | 0.69 * | 1.37 * | 1.37 * | 1.36 * | 1.35 * | 1.33 * | 1.32 * | 1.30 * | 1.28 * | 1.57 * |
| 15 | 0.55 * | 1.10 * | 1.10 * | 1.09 * | 1.08 * | 1.07 * | 1.06 * | 1.05 * | 1.03 * | 1.26 * |
| 13 | 0.55 * | 1.11 * | 1.10 * | 1.10 * | 1.09 * | 1.08 * | 1.07 * | 1.05 * | 1.04 * | 1.27 * |
| 11 | 0.56 * | 1.12 * | 1.11 * | 1.11 * | 1.10 * | 1.09 * | 1.07 * | 1.06 * | 1.04 * | 1.27 * |
| 9 | 0.56 * | 1.12 * | 1.12 * | 1.11 * | 1.10 * | 1.09 * | 1.08 * | 1.06 * | 1.05 * | 1.28 * |
| 7 | 0.56 * | 1.13 * | 1.12 * | 1.11 * | 1.11 * | 1.10 * | 1.08 * | 1.07 * | 1.05 * | 1.28 * |
| 5 | 0.56 * | 1.13 * | 1.12 * | 1.12 * | 1.11 * | 1.10 * | 1.09 * | 1.07 * | 1.06 * | 1.29 * |
| 3 | 0.56 * | 1.13 * | 1.13 * | 1.12 * | 1.11 * | 1.10 * | 1.09 * | 1.07 * | 1.06 * | 1.29 * |
| 1 | 0.56 * | 1.13 * | 1.13 * | 1.12 * | 1.11 * | 1.10 * | 1.09 * | 1.07 * | 1.06 * | 1.29 * |
| 0 | 0.28 * | 0.57 * | 0.56 * | 0.56 * | 0.56 * | 0.55 * | 0.54 * | 0.54 * | 0.53 * | 0.64 * |
| -1 | 0.28 * | 0.57 * | 0.56 * | 0.56 * | 0.56 * | 0.55 * | 0.54 * | 0.54 * | 0.53 * | 0.64 * |
| -3 | 0.56 * | 1.13 * | 1.13 * | 1.12 * | 1.11 * | 1.10 * | 1.09 * | 1.07 * | 1.05 * | 1.29 * |
| | 0.56 * | 1.13 * | 1.12 * | 1.12 * | 1.11 * | 1.10 * | 1.09 * | 1.07 * | 1.05 * | 1.28 * |

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PF1E MD F UV 840.IES

LUMENS TABULATION - (Cont.)

| | | | | | | | | | | |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -5 | 0.56 * | 1.12 * | 1.12 * | 1.12 * | 1.11 * | 1.10 * | 1.08 * | 1.07 * | 1.05 * | 1.28 * |
| -7 | 0.56 * | 1.12 * | 1.12 * | 1.11 * | 1.11 * | 1.09 * | 1.08 * | 1.07 * | 1.04 * | 1.28 * |
| -9 | 0.56 * | 1.12 * | 1.12 * | 1.11 * | 1.10 * | 1.09 * | 1.08 * | 1.06 * | 1.04 * | 1.28 * |
| -11 | 0.56 * | 1.12 * | 1.11 * | 1.11 * | 1.10 * | 1.09 * | 1.08 * | 1.06 * | 1.04 * | 1.27 * |
| -13 | 0.55 * | 1.11 * | 1.11 * | 1.10 * | 1.09 * | 1.08 * | 1.07 * | 1.05 * | 1.04 * | 1.27 * |
| -15 | 0.55 * | 1.10 * | 1.10 * | 1.09 * | 1.09 * | 1.07 * | 1.06 * | 1.05 * | 1.03 * | 1.26 * |
| -17 | 0.68 * | 1.37 * | 1.36 * | 1.36 * | 1.34 * | 1.33 * | 1.32 * | 1.30 * | 1.27 * | 1.55 * |
| -19.5 | 0.81 * | 1.62 * | 1.61 * | 1.60 * | 1.59 * | 1.57 * | 1.55 * | 1.53 * | 1.50 * | 1.84 * |
| -22.5 | 0.79 * | 1.59 * | 1.58 * | 1.57 * | 1.56 * | 1.54 * | 1.52 * | 1.50 * | 1.48 * | 1.82 * |
| -25.5 | 0.90 * | 1.80 * | 1.80 * | 1.79 * | 1.77 * | 1.76 * | 1.74 * | 1.71 * | 1.68 * | 2.05 * |
| -29 | 0.98 * | 1.96 * | 1.96 * | 1.95 * | 1.93 * | 1.91 * | 1.88 * | 1.85 * | 1.82 * | 2.22 * |
| -33 | 0.97 * | 1.94 * | 1.95 * | 1.95 * | 1.94 * | 1.92 * | 1.88 * | 1.84 * | 1.80 * | 2.19 * |
| -37.5 | 0.89 * | 1.79 * | 1.80 * | 1.79 * | 1.78 * | 1.76 * | 1.74 * | 1.69 * | 1.65 * | 2.02 * |
| -42.5 | 0.67 * | 1.35 * | 1.34 * | 1.34 * | 1.32 * | 1.30 * | 1.28 * | 1.26 * | 1.24 * | 1.55 * |
| -47.5 | 0.50 * | 1.02 * | 1.04 * | 1.05 * | 1.06 * | 1.06 * | 1.07 * | 1.05 * | 0.99 * | 1.18 * |
| -55 | 0.17 | 0.37 | 0.40 | 0.42 | 0.44 | 0.46 | 0.48 | 0.47 | 0.42 | 0.44 |
| -65 | 0.05 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.09 | 0.11 |
| -75 | 0.01 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.02 | 0.03 |
| -85 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| -90 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| Total | 25.15 | 50.38 | 50.32 | 50.10 | 49.75 | 49.29 | 48.73 | 47.93 | 46.91 | 57.19 |

Vert. Horizontal Angles

| Angles | 19.5 | 22.5 | 25.5 | 29 | 33 | 37.5 | 42.5 | 47.5 | 55 | 65 |
|---------------|-------------|-------------|-------------|-----------|-----------|-------------|-------------|-------------|-----------|-----------|
| 90 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 |
| 85 | 0.12 | 0.12 | 0.13 | 0.14 | 0.15 | 0.14 | 0.12 | 0.15 | 0.13 | 0.05 |
| 75 | 0.30 | 0.29 | 0.33 | 0.35 | 0.35 | 0.34 | 0.30 | 0.35 | 0.27 | 0.11 |
| 65 | 0.93 * | 0.86 * | 0.93 * | 1.04 * | 1.02 | 0.91 | 0.78 | 0.92 | 0.60 | 0.17 |
| 55 | 1.78 * | 1.69 * | 1.85 * | 1.99 * | 1.96 * | 1.75 * | 1.38 * | 1.52 * | 0.98 | 0.23 |
| 47.5 | 1.96 * | 1.92 * | 2.15 * | 2.26 * | 2.18 * | 1.97 * | 1.55 * | 1.64 * | 1.05 * | 0.24 |

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PF1E MD F UV 840.IES

LUMENS TABULATION - (Cont.)

| | | | | | | | | | | |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 42.5 | 2.59 * | 2.50 * | 2.77 * | 2.93 * | 2.88 * | 2.60 * | 2.03 * | 2.15 * | 1.38 * | 0.32 |
| 37.5 | 2.74 * | 2.61 * | 2.84 * | 3.01 * | 3.04 * | 2.80 * | 2.18 * | 2.32 * | 1.52 * | 0.37 |
| 33 | 2.61 * | 2.52 * | 2.78 * | 2.89 * | 2.90 * | 2.76 * | 2.21 * | 2.34 * | 1.56 * | 0.38 * |
| 29 | 2.38 * | 2.30 * | 2.56 * | 2.69 * | 2.67 * | 2.56 * | 2.09 * | 2.23 * | 1.49 * | 0.38 * |
| 25.5 | 2.10 * | 2.01 * | 2.23 * | 2.39 * | 2.39 * | 2.27 * | 1.88 * | 2.03 * | 1.36 * | 0.36 * |
| 22.5 | 2.14 * | 2.05 * | 2.27 * | 2.43 * | 2.46 * | 2.34 * | 1.94 * | 2.09 * | 1.42 * | 0.39 * |
| 19.5 | 1.81 * | 1.74 * | 1.92 * | 2.04 * | 2.09 * | 2.01 * | 1.65 * | 1.78 * | 1.22 * | 0.35 * |
| 17 | 1.47 * | 1.40 * | 1.55 * | 1.65 * | 1.69 * | 1.63 * | 1.34 * | 1.45 * | 1.00 * | 0.29 * |
| 15 | 1.47 * | 1.41 * | 1.57 * | 1.66 * | 1.71 * | 1.64 * | 1.35 * | 1.47 * | 1.02 * | 0.30 * |
| 13 | 1.48 * | 1.42 * | 1.57 * | 1.67 * | 1.72 * | 1.65 * | 1.36 * | 1.48 * | 1.04 * | 0.31 * |
| 11 | 1.49 * | 1.43 * | 1.58 * | 1.68 * | 1.72 * | 1.66 * | 1.37 * | 1.49 * | 1.05 * | 0.31 * |
| 9 | 1.49 * | 1.43 * | 1.59 * | 1.69 * | 1.73 * | 1.67 * | 1.38 * | 1.50 * | 1.06 * | 0.32 * |
| 7 | 1.49 * | 1.43 * | 1.59 * | 1.69 * | 1.73 * | 1.67 * | 1.38 * | 1.51 * | 1.06 * | 0.32 * |
| 5 | 1.49 * | 1.44 * | 1.59 * | 1.69 * | 1.74 * | 1.68 * | 1.39 * | 1.51 * | 1.07 * | 0.33 * |
| 3 | 1.50 * | 1.44 * | 1.59 * | 1.69 * | 1.74 * | 1.68 * | 1.39 * | 1.51 * | 1.07 * | 0.33 * |
| 1 | 0.75 * | 0.72 * | 0.80 * | 0.85 * | 0.87 * | 0.84 * | 0.69 * | 0.76 * | 0.53 * | 0.17 * |
| 0 | 0.75 * | 0.72 * | 0.80 * | 0.85 * | 0.87 * | 0.84 * | 0.69 * | 0.76 * | 0.53 * | 0.17 * |
| -1 | 1.49 * | 1.44 * | 1.59 * | 1.69 * | 1.74 * | 1.68 * | 1.39 * | 1.51 * | 1.07 * | 0.33 * |
| -3 | 1.49 * | 1.44 * | 1.59 * | 1.69 * | 1.74 * | 1.68 * | 1.39 * | 1.51 * | 1.06 * | 0.32 * |
| -5 | 1.49 * | 1.43 * | 1.59 * | 1.69 * | 1.73 * | 1.67 * | 1.38 * | 1.51 * | 1.06 * | 0.32 * |
| -7 | 1.49 * | 1.43 * | 1.58 * | 1.68 * | 1.73 * | 1.67 * | 1.38 * | 1.50 * | 1.05 * | 0.31 * |
| -9 | 1.49 * | 1.42 * | 1.57 * | 1.68 * | 1.72 * | 1.66 * | 1.37 * | 1.50 * | 1.03 * | 0.30 * |
| -11 | 1.48 * | 1.42 * | 1.57 * | 1.67 * | 1.71 * | 1.65 * | 1.37 * | 1.49 * | 1.02 * | 0.29 * |
| -13 | 1.47 * | 1.41 * | 1.56 * | 1.66 * | 1.70 * | 1.64 * | 1.36 * | 1.47 * | 1.00 * | 0.28 * |
| -15 | 1.46 * | 1.40 * | 1.55 * | 1.64 * | 1.68 * | 1.62 * | 1.34 * | 1.46 * | 0.99 * | 0.27 * |
| -17 | 1.81 * | 1.74 * | 1.92 * | 2.04 * | 2.08 * | 2.00 * | 1.65 * | 1.79 * | 1.21 * | 0.33 * |
| -19.5 | 2.15 * | 2.05 * | 2.26 * | 2.41 * | 2.45 * | 2.35 * | 1.94 * | 2.09 * | 1.40 * | 0.37 * |
| -22.5 | 2.10 * | 2.01 * | 2.23 * | 2.37 * | 2.37 * | 2.27 * | 1.88 * | 2.02 * | 1.33 * | 0.34 * |

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PF1E MD F UV 840.IES

LUMENS TABULATION - (Cont.)

| | | | | | | | | | | |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -25.5 | 2.37 * | 2.29 * | 2.54 * | 2.66 * | 2.66 * | 2.52 * | 2.06 * | 2.23 * | 1.47 * | 0.37 * |
| -29 | 2.58 * | 2.47 * | 2.73 * | 2.86 * | 2.82 * | 2.64 * | 2.15 * | 2.34 * | 1.54 * | 0.36 |
| -33 | 2.56 * | 2.48 * | 2.77 * | 2.88 * | 2.77 * | 2.59 * | 2.11 * | 2.30 * | 1.50 * | 0.33 |
| -37.5 | 2.35 * | 2.24 * | 2.48 * | 2.59 * | 2.53 * | 2.37 * | 1.90 * | 2.02 * | 1.29 * | 0.29 |
| -42.5 | 1.79 * | 1.66 * | 1.80 * | 1.88 * | 1.89 * | 1.75 * | 1.39 * | 1.47 * | 0.92 * | 0.21 |
| -47.5 | 1.40 * | 1.40 * | 1.56 * | 1.59 * | 1.60 * | 1.45 * | 1.16 * | 1.37 * | 0.83 | 0.17 |
| -55 | 0.51 | 0.57 | 0.68 | 0.71 | 0.74 | 0.64 | 0.53 | 0.68 | 0.41 | 0.08 |
| -65 | 0.13 | 0.13 | 0.14 | 0.15 | 0.14 | 0.13 | 0.12 | 0.14 | 0.08 | 0.02 |
| -75 | 0.03 | 0.03 | 0.04 | 0.04 | 0.04 | 0.03 | 0.03 | 0.03 | 0.02 | 0.00 |
| -85 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| -90 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 66.52 | 63.91 | 70.73 | 74.86 | 75.46 | 71.44 | 58.39 | 63.45 | 42.72 | 11.50 |

| Vert. Angles | Horizontal Angles | | | |
|-----------------|-------------------|-----------|-----------|--------------|
| | <u>75</u> | <u>85</u> | <u>90</u> | <u>Total</u> |
| 90 | 0.00 | 0.00 | 0.21 | |
| 85 | 0.01 | 0.00 | 2.15 | |
| 75 | 0.02 | 0.00 | 5.20 | |
| 65 | 0.03 | 0.00 | 14.78 | |
| 55 | 0.03 | 0.00 | 28.17 | |
| 47.5 | 0.02 | 0.00 | 31.42 | |
| 42.5 | 0.03 | 0.00 | 40.91 | |
| 37.5 | 0.03 | 0.00 | 42.88 | |
| 33 | 0.03 | 0.00 | 41.63 | |
| 29 | 0.03 | 0.00 | 38.48 | |
| 25.5 | 0.03 | 0.00 | 33.97 | |
| 22.5 | 0.03 | 0.00 | 34.81 | |
| 19.5 | 0.03 | 0.00 | 29.57 | |
| 17 | 0.03 | 0.00 | 23.90 | |
| 15 | 0.03 | 0.00 | 24.08 | |

IES FLOOD REPORT
PHOTOMETRIC FILENAME : PF1E MD F UV 840.IES

LUMENS TABULATION - (Cont.)

| | | | |
|--------------|------|------|-------|
| 13 | | | |
| | 0.03 | 0.00 | 24.26 |
| 11 | | | |
| | 0.03 | 0.00 | 24.40 |
| 9 | | | |
| | 0.03 | 0.00 | 24.50 |
| 7 | | | |
| | 0.03 | 0.00 | 24.57 |
| 5 | | | |
| | 0.03 | 0.00 | 24.62 |
| 3 | | | |
| | 0.03 | 0.00 | 24.64 |
| 1 | | | |
| | 0.02 | 0.00 | 12.32 |
| 0 | | | |
| | 0.02 | 0.00 | 12.32 |
| -1 | | | |
| | 0.03 | 0.00 | 24.61 |
| -3 | | | |
| | 0.03 | 0.00 | 24.58 |
| -5 | | | |
| | 0.03 | 0.00 | 24.52 |
| -7 | | | |
| | 0.03 | 0.00 | 24.44 |
| -9 | | | |
| | 0.03 | 0.00 | 24.34 |
| -11 | | | |
| | 0.03 | 0.00 | 24.21 |
| -13 | | | |
| | 0.03 | 0.00 | 24.04 |
| -15 | | | |
| | 0.02 | 0.00 | 23.85 |
| -17 | | | |
| | 0.03 | 0.00 | 29.47 |
| -19.5 | | | |
| | 0.03 | 0.00 | 34.74 |
| -22.5 | | | |
| | 0.03 | 0.00 | 33.89 |
| -25.5 | | | |
| | 0.03 | 0.00 | 38.19 |
| -29 | | | |
| | 0.02 | 0.00 | 40.98 |
| -33 | | | |
| | 0.02 | 0.00 | 40.69 |
| -37.5 | | | |
| | 0.02 | 0.00 | 37.00 |
| -42.5 | | | |
| | 0.01 | 0.00 | 27.42 |
| -47.5 | | | |
| | 0.01 | 0.00 | 22.56 |
| -55 | | | |
| | 0.01 | 0.00 | 9.64 |
| -65 | | | |
| | 0.00 | 0.00 | 2.16 |
| -75 | | | |
| | 0.00 | 0.00 | 0.55 |

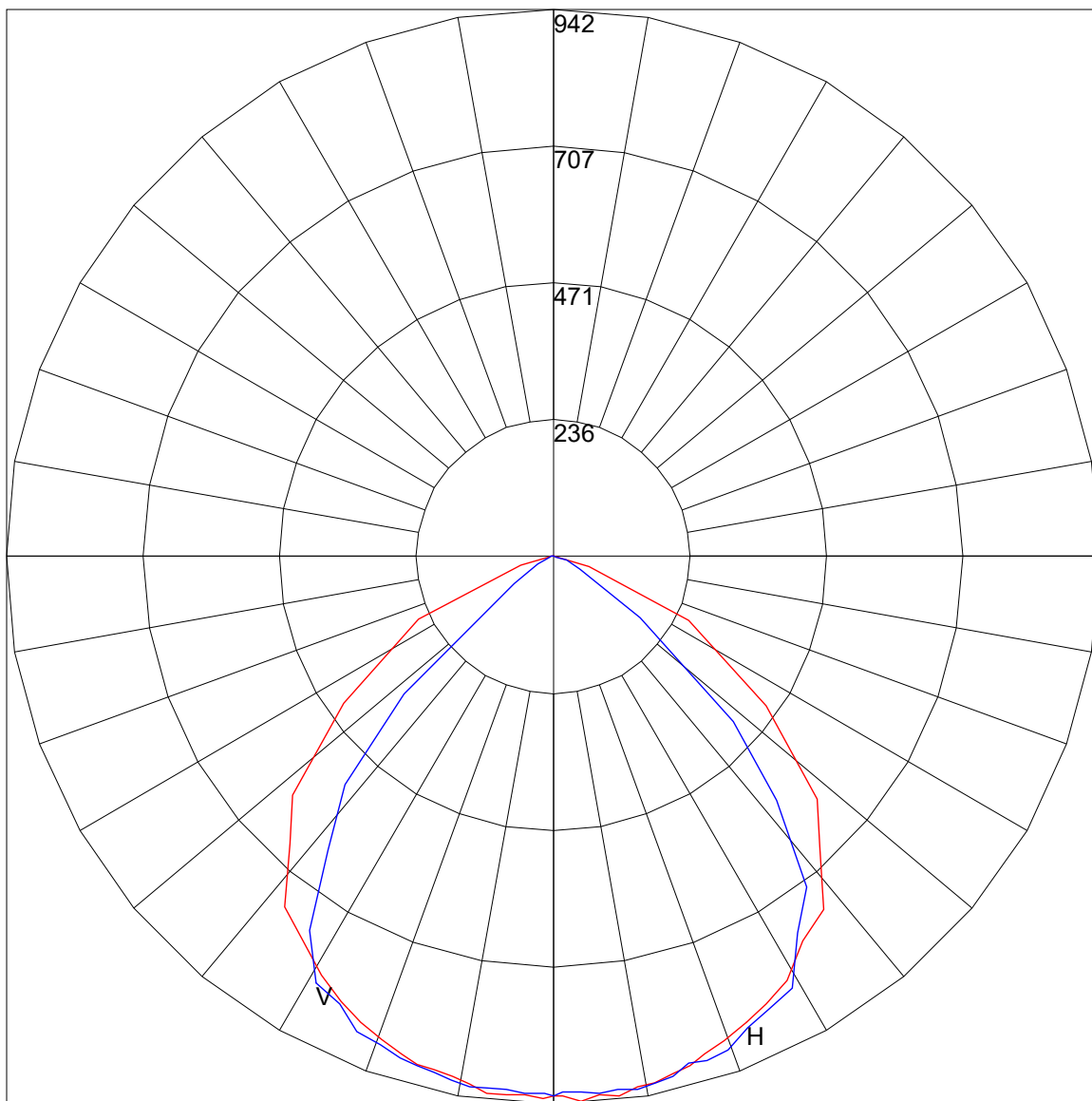
IES FLOOD REPORT
PHOTOMETRIC FILENAME : PF1E MD F UV 840.IES

LUMENS TABULATION - (Cont.)

| | | | |
|--------------|------|------|---------|
| -85 | 0.00 | 0.00 | 0.11 |
| -90 | | | |
| Total | 1.02 | 0.00 | 1075.76 |

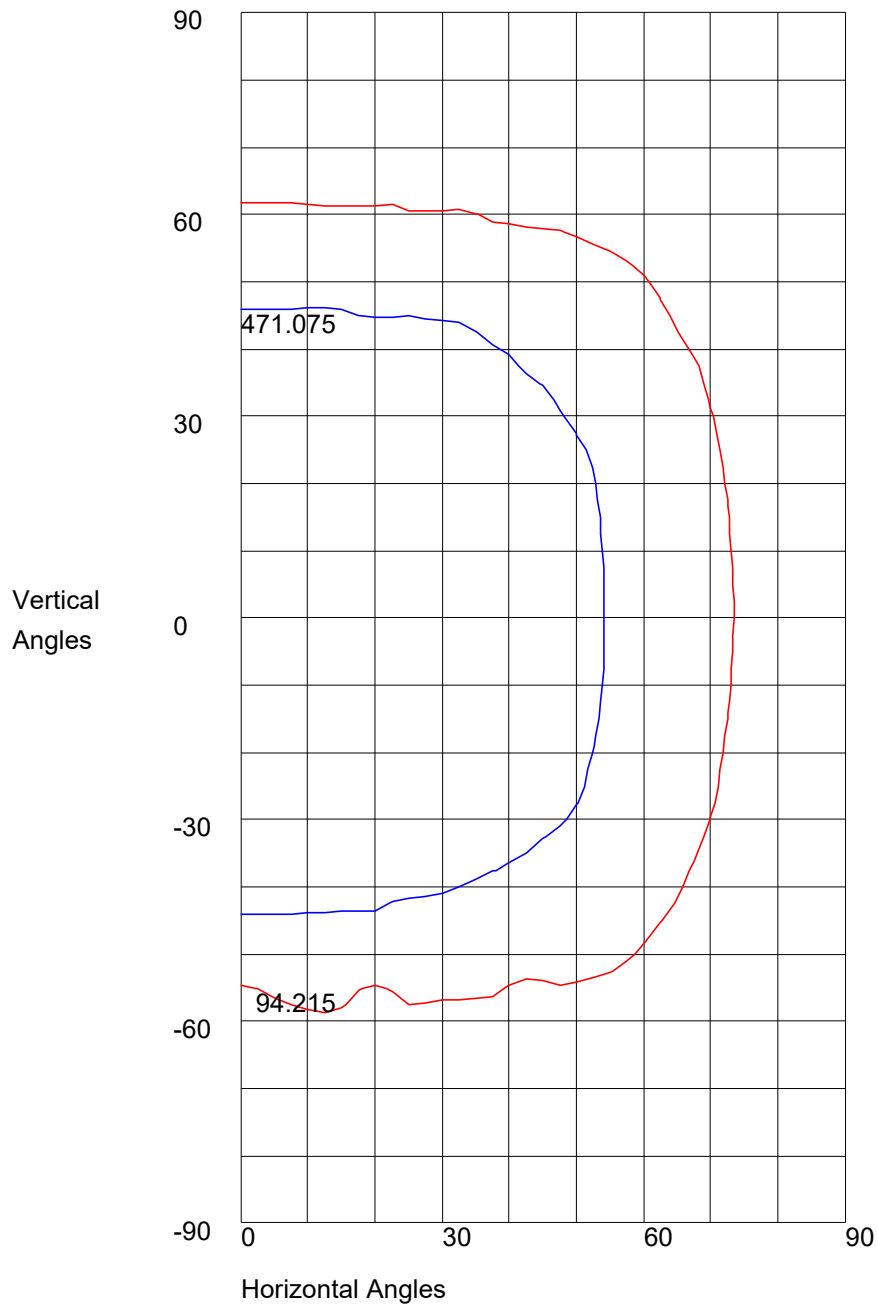
IES FLOOD REPORT
PHOTOMETRIC FILENAME : PF1E MD F UV 840.IES

AXIAL CANDELA DISPLAY



Maximum Candela = 942.15 Located At Horizontal Angle = 3, Vertical Angle = 3
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 942.15 Located At Horizontal Angle = 3, Vertical Angle = 3
50% Maximum Candela = 471.075
10% Maximum Candela = 94.215