

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: INVUE

Report Number:

Luminaire Tested: **ENT-SA1E-740-U-T4FT-ULG**

Issue Date: 3/30/2022

**Test Information**

Test Method: LM-79-08  
Report Number: REPORT IS A COMBINATION OF REPORTS P401696 AND P226775  
Test Lab: INNOVATION CENTER  
Issue Date: 3/30/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: ENT-SA1E-740-U-T4FT-ULG  
Description: ENTRI LED LUMINAIRE WITH UPLIGHT  
(1) 70 CRI, 4000K, 1050mA LIGHTSQUARE WITH 16 LEDS AND TYPE IV FORWARD THROW OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

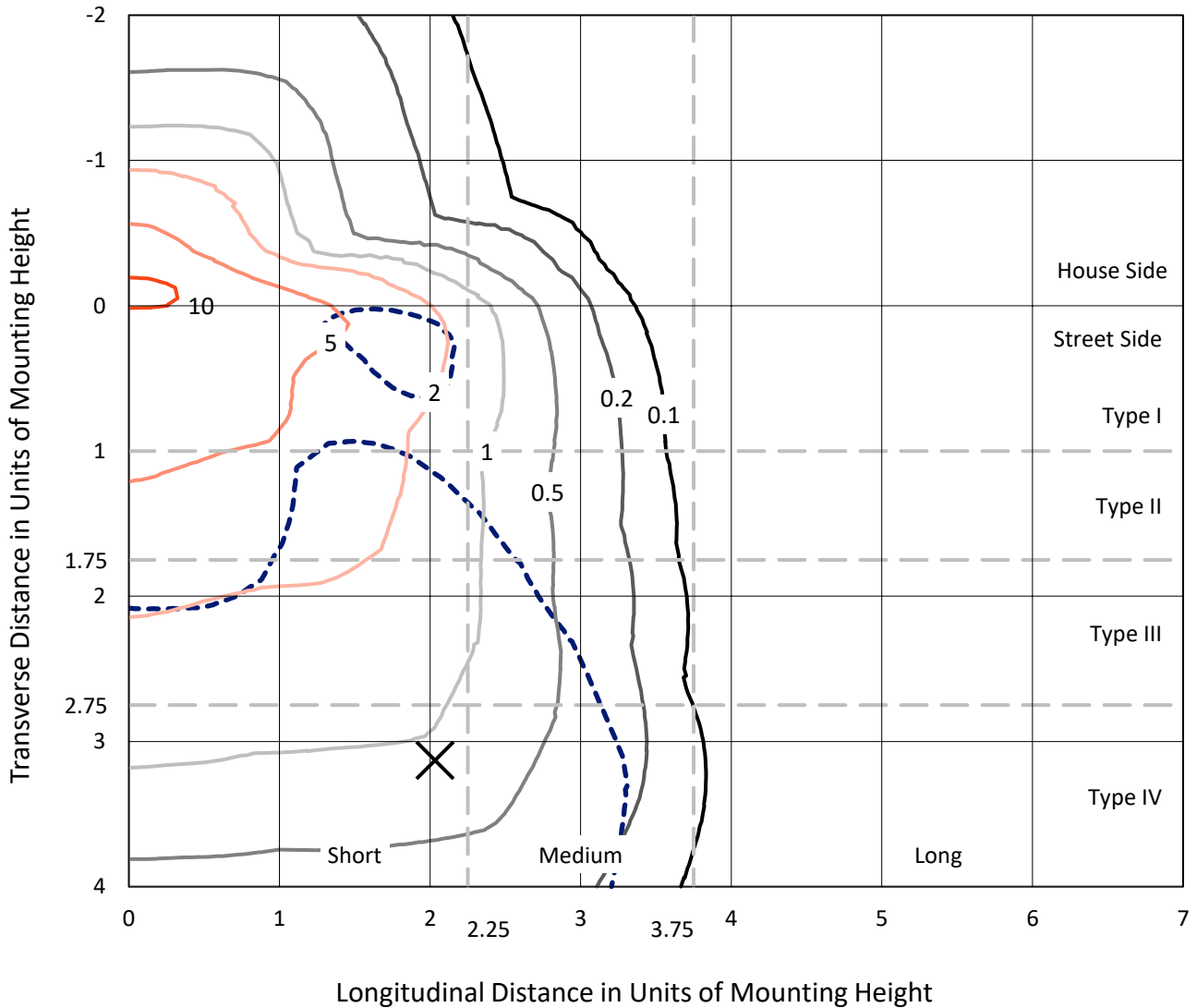
Lumens per Lamp: N/A  
Luminaire Lumens: 8508.9 lumens  
Efficiency: N/A  
Efficacy: 115.1 lumens/watt  
Luminous Opening: Rectangular w/ Sides (W: 0.5' x L: 0.5' x H: 0.1')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U5 - G2  
  
Input Watts (W): 73.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER:  
 CATALOG NUMBER: ENT-SA1E-740-U-T4FT-ULG

### Iso-Footcandle Lines of Horizontal Illumination

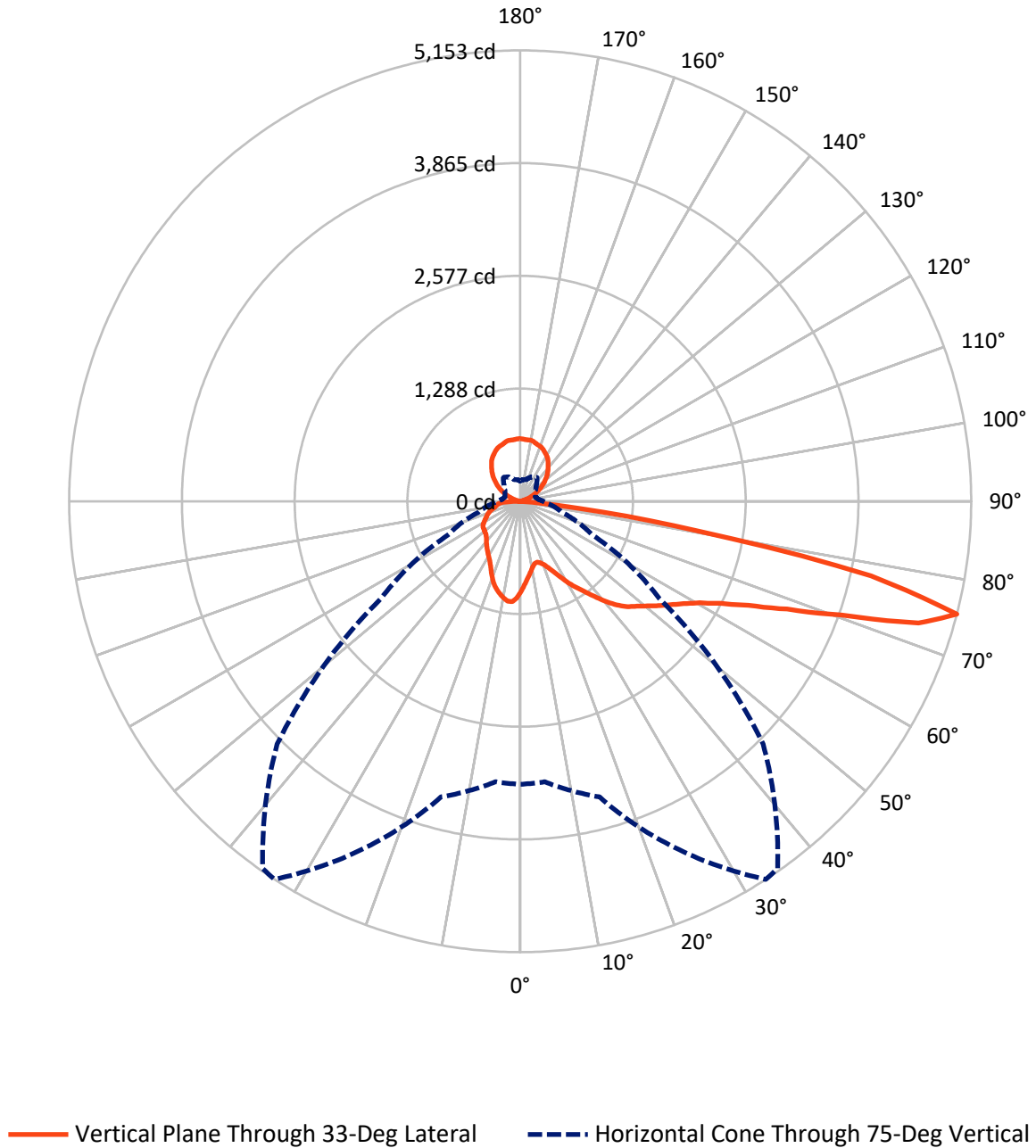
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11 fc  
 Type IV - Short - N/A

REPORT NUMBER:  
CATALOG NUMBER: ENT-SA1E-740-U-T4FT-ULG

### Luminous Intensity Polar Plot



REPORT NUMBER:  
 CATALOG NUMBER: ENT-SA1E-740-U-T4FT-ULG

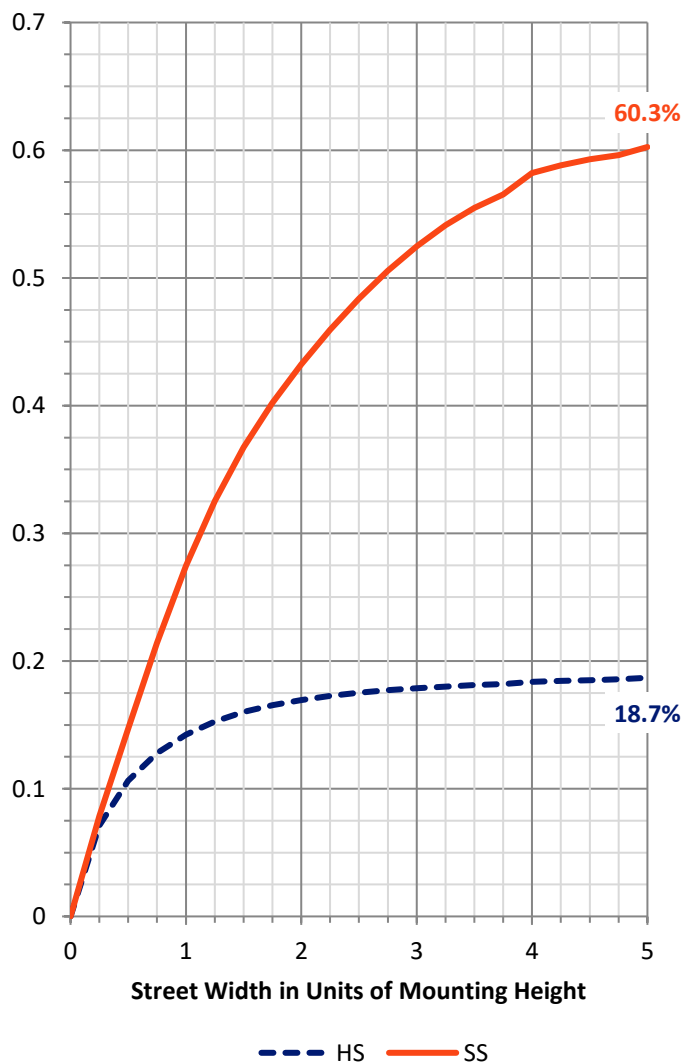
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1636.1   | 887.0  | 2523.1 |
|                    | % Fixture | 19.2     | 10.4   | 29.7   |
| <b>Street Side</b> | Lumens    | 5098.9   | 887.0  | 5985.8 |
|                    | % Fixture | 59.9     | 10.4   | 70.3   |
| <b>Total</b>       | Lumens    | 6735.0   | 1773.9 | 8508.9 |
|                    | % Fixture | 79.2     | 20.8   | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 96.4   | 1.1       |
| 10°-20°   | 271.2  | 3.2       |
| 20°-30°   | 450.9  | 5.3       |
| 30°-40°   | 672.6  | 7.9       |
| 40°-50°   | 939.6  | 11.0      |
| 50°-60°   | 1254.3 | 14.7      |
| 60°-70°   | 1555.2 | 18.3      |
| 70°-80°   | 1344.6 | 15.8      |
| 80°-90°   | 150.3  | 1.8       |
| 90°-100°  | 8.4    | 0.1       |
| 100°-110° | 58.7   | 0.7       |
| 110°-120° | 169.9  | 2.0       |
| 120°-130° | 279.4  | 3.3       |
| 130°-140° | 344.6  | 4.0       |
| 140°-150° | 352.5  | 4.1       |
| 150°-160° | 297.0  | 3.5       |
| 160°-170° | 195.5  | 2.3       |
| 170°-180° | 67.8   | 0.8       |
| 0°-90°    | 6735.0 | 79.2      |
| 0°-180°   | 8508.9 | 100.0     |

**Coefficient of Utilization**

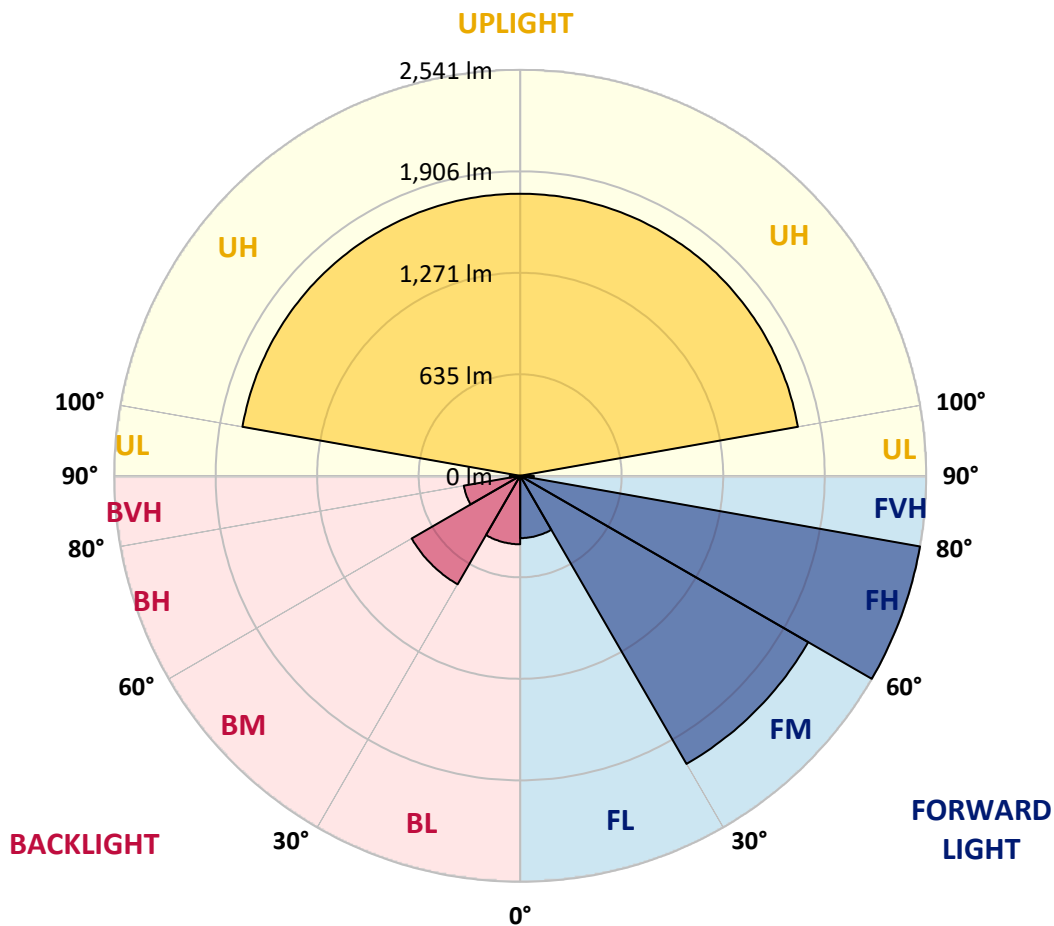


REPORT NUMBER:  
 CATALOG NUMBER: ENT-SA1E-740-U-T4FT-ULG

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |       |         |
|----------------|--------|-----------|-------------------------|-------|---------|
|                |        |           | B                       | U     | G       |
| FL (0°-30°)    | 389.9  | 4.6       |                         |       |         |
| FM (30°-60°)   | 2082.5 | 24.5      |                         |       |         |
| FH (60°-80°)   | 2541.5 | 29.9      |                         |       | G2/5000 |
| FVH (80°-90°)  | 84.9   | 1.0       |                         |       | G1/100  |
| BL (0°-30°)    | 428.5  | 5.0       | B1/500                  |       |         |
| BM (30°-60°)   | 784.0  | 9.2       | B1/1000                 |       |         |
| BH (60°-80°)   | 358.3  | 4.2       | B1/500                  |       | G1/500  |
| BVH (80°-90°)  | 65.4   | 0.8       |                         |       | G1/100  |
| UL (90°-100°)  | 8.4    | 0.1       |                         | U1/10 |         |
| UH (100°-180°) | 1765.5 | 20.7      |                         | U5    |         |

**BUG Rating: B1-U5-G2**  
 Type IV Short





REPORT NUMBER:

CATALOG NUMBER: ENT-SA1E-740-U-T4FT-ULG

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 15°    | 25°    | 33°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1032.0 | 1032.0 | 1032.0 | 1032.0 | 1032.0 | 1032.0 | 1032.0 | 1032.0 | 1032.0 | 1032.0 | 1032.0 |
| 2.5°   | 936.0  | 938.0  | 944.0  | 951.0  | 955.0  | 955.0  | 966.0  | 979.0  | 995.0  | 1009.0 | 1024.0 |
| 5°     | 858.0  | 861.0  | 866.0  | 875.0  | 886.0  | 888.0  | 910.0  | 933.0  | 962.0  | 993.0  | 1023.0 |
| 7.5°   | 781.0  | 787.0  | 797.0  | 809.0  | 826.0  | 830.0  | 861.0  | 892.0  | 932.0  | 979.0  | 1028.0 |
| 10°    | 722.0  | 726.0  | 731.0  | 748.0  | 769.0  | 776.0  | 817.0  | 856.0  | 911.0  | 969.0  | 1034.0 |
| 12.5°  | 706.0  | 706.0  | 706.0  | 714.0  | 731.0  | 737.0  | 780.0  | 830.0  | 892.0  | 962.0  | 1043.0 |
| 15°    | 729.0  | 728.0  | 717.0  | 711.0  | 721.0  | 726.0  | 763.0  | 812.0  | 882.0  | 964.0  | 1060.0 |
| 17.5°  | 781.0  | 778.0  | 752.0  | 732.0  | 739.0  | 742.0  | 766.0  | 808.0  | 879.0  | 972.0  | 1085.0 |
| 20°    | 849.0  | 842.0  | 802.0  | 772.0  | 771.0  | 773.0  | 791.0  | 820.0  | 884.0  | 986.0  | 1112.0 |
| 22.5°  | 939.0  | 935.0  | 876.0  | 830.0  | 822.0  | 822.0  | 830.0  | 848.0  | 897.0  | 1002.0 | 1149.0 |
| 25°    | 1055.0 | 1044.0 | 973.0  | 911.0  | 893.0  | 888.0  | 887.0  | 887.0  | 920.0  | 1026.0 | 1195.0 |
| 27.5°  | 1174.0 | 1161.0 | 1089.0 | 1005.0 | 981.0  | 972.0  | 956.0  | 944.0  | 950.0  | 1052.0 | 1250.0 |
| 30°    | 1281.0 | 1263.0 | 1202.0 | 1115.0 | 1079.0 | 1065.0 | 1036.0 | 1011.0 | 995.0  | 1088.0 | 1323.0 |
| 32.5°  | 1340.0 | 1333.0 | 1291.0 | 1212.0 | 1171.0 | 1165.0 | 1117.0 | 1084.0 | 1056.0 | 1135.0 | 1421.0 |
| 35°    | 1419.0 | 1410.0 | 1383.0 | 1318.0 | 1269.0 | 1254.0 | 1218.0 | 1179.0 | 1134.0 | 1198.0 | 1545.0 |
| 37.5°  | 1492.0 | 1487.0 | 1477.0 | 1432.0 | 1380.0 | 1365.0 | 1332.0 | 1291.0 | 1230.0 | 1291.0 | 1684.0 |
| 40°    | 1566.0 | 1560.0 | 1556.0 | 1540.0 | 1503.0 | 1493.0 | 1477.0 | 1429.0 | 1347.0 | 1393.0 | 1821.0 |
| 42.5°  | 1674.0 | 1661.0 | 1619.0 | 1618.0 | 1621.0 | 1629.0 | 1630.0 | 1577.0 | 1475.0 | 1520.0 | 1941.0 |
| 45°    | 1815.0 | 1779.0 | 1685.0 | 1682.0 | 1717.0 | 1738.0 | 1789.0 | 1744.0 | 1608.0 | 1650.0 | 2075.0 |
| 47.5°  | 1887.0 | 1850.0 | 1753.0 | 1747.0 | 1793.0 | 1824.0 | 1950.0 | 1906.0 | 1746.0 | 1796.0 | 2214.0 |
| 50°    | 1922.0 | 1898.0 | 1813.0 | 1832.0 | 1879.0 | 1909.0 | 2103.0 | 2068.0 | 1889.0 | 1954.0 | 2389.0 |
| 52.5°  | 1971.0 | 1931.0 | 1871.0 | 1911.0 | 1981.0 | 2012.0 | 2240.0 | 2234.0 | 2010.0 | 2126.0 | 2581.0 |
| 55°    | 1954.0 | 1933.0 | 1944.0 | 1998.0 | 2086.0 | 2132.0 | 2378.0 | 2378.0 | 2133.0 | 2310.0 | 2771.0 |
| 57.5°  | 1968.0 | 1954.0 | 2045.0 | 2093.0 | 2204.0 | 2270.0 | 2544.0 | 2500.0 | 2237.0 | 2464.0 | 2899.0 |
| 60°    | 2087.0 | 2047.0 | 2118.0 | 2213.0 | 2356.0 | 2420.0 | 2734.0 | 2628.0 | 2322.0 | 2597.0 | 2922.0 |
| 62.5°  | 2297.0 | 2265.0 | 2272.0 | 2381.0 | 2566.0 | 2640.0 | 2922.0 | 2741.0 | 2379.0 | 2653.0 | 2836.0 |
| 65°    | 2645.0 | 2630.0 | 2544.0 | 2610.0 | 2865.0 | 2932.0 | 3157.0 | 2839.0 | 2363.0 | 2611.0 | 2609.0 |
| 67.5°  | 3113.0 | 3053.0 | 2937.0 | 2996.0 | 3290.0 | 3358.0 | 3440.0 | 2876.0 | 2259.0 | 2360.0 | 2097.0 |
| 70°    | 3501.0 | 3451.0 | 3398.0 | 3553.0 | 3891.0 | 3928.0 | 3735.0 | 2841.0 | 2006.0 | 1847.0 | 1406.0 |
| 72.5°  | 3748.0 | 3712.0 | 3761.0 | 4217.0 | 4758.0 | 4688.0 | 4026.0 | 2596.0 | 1565.0 | 1131.0 | 703.0  |
| 75°    | 3235.0 | 3218.0 | 3498.0 | 4423.0 | 5153.0 | 5127.0 | 3925.0 | 1943.0 | 908.0  | 498.0  | 320.0  |
| 77.5°  | 1627.0 | 1812.0 | 2107.0 | 3138.0 | 4100.0 | 4105.0 | 2860.0 | 934.0  | 382.0  | 279.0  | 220.0  |
| 80°    | 458.0  | 464.0  | 703.0  | 1294.0 | 2047.0 | 2181.0 | 1082.0 | 317.0  | 218.0  | 208.0  | 164.0  |
| 82.5°  | 109.0  | 101.0  | 180.0  | 383.0  | 687.0  | 715.0  | 325.0  | 114.0  | 122.0  | 130.0  | 101.0  |
| 85°    | 1.0    | 1.0    | 1.0    | 1.0    | 1.0    | 2.0    | 12.0   | 12.0   | 29.0   | 37.0   | 29.0   |
| 87.5°  | 0.0    | 0.0    | 0.0    | 1.0    | 1.0    | 1.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 4.1    | 4.1    | 5.1    | 6.1    | 6.1    | 6.1    | 6.1    | 7.2    | 7.2    | 6.1    | 6.1    |
| 95°    | 5.1    | 5.1    | 6.1    | 7.2    | 7.2    | 7.2    | 7.2    | 7.2    | 8.2    | 7.2    | 7.2    |
| 97.5°  | 7.2    | 7.2    | 8.2    | 8.2    | 9.0    | 9.2    | 9.2    | 12.3   | 10.2   | 9.2    | 8.2    |
| 100°   | 8.2    | 8.2    | 9.2    | 10.2   | 11.9   | 12.3   | 21.5   | 29.7   | 26.6   | 23.5   | 19.4   |
| 102.5° | 11.3   | 11.3   | 13.3   | 18.4   | 25.8   | 27.6   | 40.9   | 51.1   | 48.1   | 43.0   | 39.9   |
| 105°   | 21.5   | 22.5   | 27.6   | 36.8   | 46.6   | 49.1   | 64.4   | 73.7   | 71.6   | 66.5   | 62.4   |
| 107.5° | 41.9   | 43.0   | 50.1   | 59.3   | 71.6   | 74.7   | 90.0   | 97.2   | 96.2   | 92.1   | 89.0   |
| 110°   | 67.5   | 69.6   | 75.7   | 89.0   | 101.2  | 104.3  | 116.6  | 122.8  | 123.8  | 121.7  | 118.7  |



REPORT NUMBER:  
 CATALOG NUMBER: ENT-SA1E-740-U-T4FT-ULG

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 15°   | 25°   | 33°   | 35°   | 45°   | 55°   | 65°   | 75°   | 85°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 101.3 | 101.3 | 108.4 | 123.8 | 134.4 | 137.1 | 146.3 | 151.4 | 153.4 | 152.4 | 150.4 |
| 115°   | 143.2 | 142.2 | 150.4 | 162.6 | 170.0 | 171.9 | 178.0 | 183.1 | 186.2 | 183.1 | 181.1 |
| 117.5° | 188.2 | 188.2 | 193.3 | 201.5 | 205.6 | 206.6 | 209.7 | 215.8 | 219.9 | 214.8 | 212.8 |
| 120°   | 230.2 | 228.1 | 231.2 | 238.3 | 241.6 | 242.4 | 248.6 | 251.6 | 255.7 | 250.6 | 248.6 |
| 122.5° | 269.0 | 266.0 | 267.0 | 273.1 | 276.4 | 277.2 | 283.4 | 285.4 | 289.5 | 284.4 | 282.3 |
| 125°   | 304.8 | 300.7 | 302.8 | 305.9 | 310.8 | 312.0 | 317.1 | 320.2 | 322.2 | 317.1 | 317.1 |
| 127.5° | 337.6 | 336.6 | 336.6 | 340.6 | 345.6 | 346.8 | 347.8 | 352.9 | 353.9 | 353.9 | 352.9 |
| 130°   | 371.3 | 369.3 | 370.3 | 374.4 | 377.7 | 378.5 | 380.5 | 385.7 | 389.7 | 389.7 | 387.7 |
| 132.5° | 405.1 | 403.0 | 402.0 | 410.2 | 412.7 | 413.3 | 414.3 | 420.4 | 425.5 | 423.5 | 423.5 |
| 135°   | 438.8 | 435.8 | 435.8 | 441.9 | 444.4 | 445.0 | 447.0 | 453.2 | 458.3 | 457.3 | 460.3 |
| 137.5° | 470.6 | 467.5 | 469.5 | 470.6 | 473.8 | 474.6 | 478.7 | 483.9 | 485.9 | 486.9 | 492.0 |
| 140°   | 499.2 | 496.1 | 498.2 | 500.2 | 501.9 | 502.3 | 508.4 | 511.5 | 513.5 | 515.6 | 520.7 |
| 142.5° | 529.9 | 526.8 | 528.9 | 529.9 | 532.4 | 533.0 | 537.0 | 539.1 | 545.2 | 545.2 | 546.3 |
| 145°   | 562.6 | 558.5 | 556.5 | 559.6 | 562.0 | 562.6 | 563.6 | 568.8 | 574.9 | 573.9 | 570.8 |
| 147.5° | 588.2 | 585.1 | 584.1 | 587.2 | 587.2 | 587.2 | 588.2 | 593.3 | 598.4 | 599.4 | 596.4 |
| 150°   | 608.7 | 605.6 | 606.6 | 606.6 | 606.6 | 606.6 | 606.6 | 610.7 | 613.8 | 616.8 | 619.9 |
| 152.5° | 625.0 | 622.0 | 622.0 | 623.0 | 623.8 | 624.0 | 624.0 | 625.0 | 628.1 | 632.2 | 637.3 |
| 155°   | 643.4 | 639.3 | 639.3 | 641.4 | 643.9 | 644.5 | 642.4 | 640.4 | 645.5 | 650.6 | 652.6 |
| 157.5° | 660.8 | 657.8 | 657.8 | 658.8 | 660.4 | 660.8 | 659.8 | 658.8 | 662.9 | 664.9 | 664.9 |
| 160°   | 678.2 | 675.1 | 674.1 | 671.1 | 670.2 | 670.0 | 670.0 | 673.1 | 679.2 | 676.2 | 675.1 |
| 162.5° | 688.4 | 684.4 | 684.4 | 680.3 | 677.0 | 676.2 | 678.2 | 682.3 | 686.4 | 685.4 | 683.3 |
| 165°   | 696.6 | 693.6 | 691.5 | 691.5 | 689.0 | 688.4 | 688.4 | 687.4 | 692.5 | 695.6 | 693.6 |
| 167.5° | 705.8 | 702.8 | 699.7 | 701.7 | 703.4 | 703.8 | 700.7 | 693.6 | 699.7 | 703.8 | 703.8 |
| 170°   | 714.0 | 711.0 | 707.9 | 707.9 | 708.7 | 708.9 | 706.9 | 701.7 | 704.8 | 709.9 | 712.0 |
| 172.5° | 715.0 | 713.0 | 711.0 | 708.9 | 706.4 | 705.8 | 705.8 | 704.8 | 707.9 | 709.9 | 712.0 |
| 175°   | 716.1 | 714.0 | 713.0 | 711.0 | 707.7 | 706.9 | 705.8 | 705.8 | 711.0 | 712.0 | 709.9 |
| 177.5° | 723.2 | 721.2 | 716.1 | 715.0 | 713.4 | 713.0 | 711.0 | 709.9 | 715.0 | 717.1 | 714.0 |
| 180°   | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 |





REPORT NUMBER:

CATALOG NUMBER: ENT-SA1E-740-U-T4FT-ULG

**CANDELA DISTRIBUTION (continued):**

|        | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1032.0 | 1032.0 | 1032.0 | 1032.0 | 1032.0 | 1032.0 | 1032.0 | 1032.0 | 1032.0 | 1032.0 | 1032.0 |
| 2.5°   | 1031.0 | 1041.0 | 1057.0 | 1071.0 | 1083.0 | 1092.0 | 1106.0 | 1108.0 | 1112.0 | 1114.0 | 1116.0 |
| 5°     | 1040.0 | 1059.0 | 1089.0 | 1115.0 | 1133.0 | 1138.0 | 1150.0 | 1149.0 | 1150.0 | 1150.0 | 1149.0 |
| 7.5°   | 1052.0 | 1078.0 | 1120.0 | 1149.0 | 1159.0 | 1156.0 | 1153.0 | 1142.0 | 1133.0 | 1129.0 | 1124.0 |
| 10°    | 1067.0 | 1097.0 | 1146.0 | 1167.0 | 1162.0 | 1146.0 | 1127.0 | 1107.0 | 1091.0 | 1083.0 | 1081.0 |
| 12.5°  | 1082.0 | 1121.0 | 1167.0 | 1173.0 | 1153.0 | 1124.0 | 1092.0 | 1070.0 | 1049.0 | 1038.0 | 1038.0 |
| 15°    | 1107.0 | 1150.0 | 1184.0 | 1172.0 | 1136.0 | 1099.0 | 1055.0 | 1025.0 | 1001.0 | 986.0  | 985.0  |
| 17.5°  | 1137.0 | 1183.0 | 1202.0 | 1167.0 | 1115.0 | 1063.0 | 1010.0 | 971.0  | 940.0  | 925.0  | 916.0  |
| 20°    | 1174.0 | 1217.0 | 1211.0 | 1151.0 | 1084.0 | 1020.0 | 954.0  | 907.0  | 875.0  | 859.0  | 856.0  |
| 22.5°  | 1216.0 | 1252.0 | 1214.0 | 1125.0 | 1042.0 | 960.0  | 888.0  | 841.0  | 820.0  | 808.0  | 809.0  |
| 25°    | 1267.0 | 1295.0 | 1215.0 | 1094.0 | 982.0  | 881.0  | 818.0  | 796.0  | 793.0  | 788.0  | 790.0  |
| 27.5°  | 1331.0 | 1340.0 | 1211.0 | 1052.0 | 905.0  | 798.0  | 761.0  | 770.0  | 778.0  | 775.0  | 777.0  |
| 30°    | 1407.0 | 1394.0 | 1202.0 | 991.0  | 810.0  | 722.0  | 724.0  | 744.0  | 755.0  | 752.0  | 753.0  |
| 32.5°  | 1496.0 | 1448.0 | 1185.0 | 917.0  | 720.0  | 676.0  | 692.0  | 712.0  | 723.0  | 723.0  | 724.0  |
| 35°    | 1596.0 | 1513.0 | 1152.0 | 821.0  | 657.0  | 648.0  | 662.0  | 678.0  | 685.0  | 681.0  | 684.0  |
| 37.5°  | 1701.0 | 1569.0 | 1099.0 | 714.0  | 610.0  | 626.0  | 634.0  | 638.0  | 637.0  | 631.0  | 628.0  |
| 40°    | 1799.0 | 1613.0 | 1004.0 | 608.0  | 571.0  | 603.0  | 607.0  | 596.0  | 583.0  | 572.0  | 565.0  |
| 42.5°  | 1874.0 | 1636.0 | 872.0  | 531.0  | 534.0  | 577.0  | 580.0  | 558.0  | 533.0  | 516.0  | 512.0  |
| 45°    | 1951.0 | 1644.0 | 741.0  | 469.0  | 494.0  | 551.0  | 559.0  | 529.0  | 495.0  | 475.0  | 472.0  |
| 47.5°  | 2039.0 | 1664.0 | 612.0  | 426.0  | 460.0  | 533.0  | 546.0  | 509.0  | 471.0  | 441.0  | 436.0  |
| 50°    | 2157.0 | 1702.0 | 515.0  | 393.0  | 436.0  | 524.0  | 542.0  | 493.0  | 445.0  | 412.0  | 408.0  |
| 52.5°  | 2307.0 | 1758.0 | 425.0  | 367.0  | 417.0  | 510.0  | 536.0  | 477.0  | 426.0  | 386.0  | 380.0  |
| 55°    | 2436.0 | 1779.0 | 367.0  | 345.0  | 397.0  | 493.0  | 531.0  | 471.0  | 405.0  | 360.0  | 353.0  |
| 57.5°  | 2495.0 | 1719.0 | 326.0  | 323.0  | 376.0  | 472.0  | 521.0  | 451.0  | 382.0  | 347.0  | 341.0  |
| 60°    | 2468.0 | 1570.0 | 295.0  | 303.0  | 352.0  | 445.0  | 495.0  | 431.0  | 366.0  | 337.0  | 331.0  |
| 62.5°  | 2348.0 | 1398.0 | 272.0  | 284.0  | 325.0  | 411.0  | 465.0  | 413.0  | 352.0  | 326.0  | 318.0  |
| 65°    | 2137.0 | 1209.0 | 255.0  | 267.0  | 301.0  | 378.0  | 441.0  | 392.0  | 336.0  | 310.0  | 303.0  |
| 67.5°  | 1744.0 | 962.0  | 237.0  | 250.0  | 281.0  | 351.0  | 419.0  | 375.0  | 318.0  | 301.0  | 295.0  |
| 70°    | 1154.0 | 647.0  | 220.0  | 233.0  | 261.0  | 325.0  | 396.0  | 357.0  | 301.0  | 290.0  | 282.0  |
| 72.5°  | 530.0  | 348.0  | 202.0  | 215.0  | 238.0  | 296.0  | 367.0  | 330.0  | 278.0  | 271.0  | 259.0  |
| 75°    | 262.0  | 214.0  | 180.0  | 192.0  | 210.0  | 261.0  | 333.0  | 307.0  | 257.0  | 245.0  | 231.0  |
| 77.5°  | 191.0  | 160.0  | 155.0  | 167.0  | 182.0  | 231.0  | 297.0  | 283.0  | 236.0  | 219.0  | 211.0  |
| 80°    | 142.0  | 124.0  | 130.0  | 142.0  | 156.0  | 209.0  | 278.0  | 265.0  | 218.0  | 201.0  | 195.0  |
| 82.5°  | 87.0   | 83.0   | 100.0  | 114.0  | 131.0  | 192.0  | 265.0  | 242.0  | 196.0  | 180.0  | 173.0  |
| 85°    | 25.0   | 30.0   | 51.0   | 74.0   | 93.0   | 155.0  | 247.0  | 212.0  | 165.0  | 138.0  | 133.0  |
| 87.5°  | 0.0    | 3.0    | 16.0   | 34.0   | 55.0   | 103.0  | 190.0  | 166.0  | 126.0  | 102.0  | 98.0   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 6.1    | 6.1    | 6.1    | 7.2    | 7.2    | 6.1    | 6.1    | 6.1    | 5.1    | 4.1    | 4.1    |
| 95°    | 7.2    | 7.2    | 7.2    | 8.2    | 7.2    | 7.2    | 7.2    | 7.2    | 6.1    | 5.1    | 5.1    |
| 97.5°  | 8.2    | 8.2    | 9.2    | 10.2   | 12.3   | 9.2    | 9.2    | 8.2    | 8.2    | 7.2    | 7.2    |
| 100°   | 19.4   | 19.4   | 23.5   | 26.6   | 29.7   | 21.5   | 12.3   | 10.2   | 9.2    | 8.2    | 8.2    |
| 102.5° | 38.9   | 39.9   | 43.0   | 48.1   | 51.1   | 40.9   | 27.6   | 18.4   | 13.3   | 11.3   | 11.3   |
| 105°   | 62.4   | 62.4   | 66.5   | 71.6   | 73.7   | 64.4   | 49.1   | 36.8   | 27.6   | 22.5   | 21.5   |
| 107.5° | 88.0   | 89.0   | 92.1   | 96.2   | 97.2   | 90.0   | 74.7   | 59.3   | 50.1   | 43.0   | 41.9   |
| 110°   | 119.7  | 118.7  | 121.7  | 123.8  | 122.8  | 116.6  | 104.3  | 89.0   | 75.7   | 69.6   | 67.5   |



REPORT NUMBER:

CATALOG NUMBER: ENT-SA1E-740-U-T4FT-ULG

**CANDELA DISTRIBUTION (continued):**

|        | 90°   | 95°   | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 150.4 | 150.4 | 152.4 | 153.4 | 151.4 | 146.3 | 137.1 | 123.8 | 108.4 | 101.3 | 101.3 |
| 115°   | 182.1 | 181.1 | 183.1 | 186.2 | 183.1 | 178.0 | 171.9 | 162.6 | 150.4 | 142.2 | 143.2 |
| 117.5° | 213.8 | 212.8 | 214.8 | 219.9 | 215.8 | 209.7 | 206.6 | 201.5 | 193.3 | 188.2 | 188.2 |
| 120°   | 248.6 | 248.6 | 250.6 | 255.7 | 251.6 | 248.6 | 242.4 | 238.3 | 231.2 | 228.1 | 230.2 |
| 122.5° | 283.4 | 282.3 | 284.4 | 289.5 | 285.4 | 283.4 | 277.2 | 273.1 | 267.0 | 266.0 | 269.0 |
| 125°   | 317.1 | 317.1 | 317.1 | 322.2 | 320.2 | 317.1 | 312.0 | 305.9 | 302.8 | 300.7 | 304.8 |
| 127.5° | 355.0 | 352.9 | 353.9 | 353.9 | 352.9 | 347.8 | 346.8 | 340.6 | 336.6 | 336.6 | 337.6 |
| 130°   | 388.7 | 387.7 | 389.7 | 389.7 | 385.7 | 380.5 | 378.5 | 374.4 | 370.3 | 369.3 | 371.3 |
| 132.5° | 424.5 | 423.5 | 423.5 | 425.5 | 420.4 | 414.3 | 413.3 | 410.2 | 402.0 | 403.0 | 405.1 |
| 135°   | 461.4 | 460.3 | 457.3 | 458.3 | 453.2 | 447.0 | 445.0 | 441.9 | 435.8 | 435.8 | 438.8 |
| 137.5° | 493.1 | 492.0 | 486.9 | 485.9 | 483.9 | 478.7 | 474.6 | 470.6 | 469.5 | 467.5 | 470.6 |
| 140°   | 522.7 | 520.7 | 515.6 | 513.5 | 511.5 | 508.4 | 502.3 | 500.2 | 498.2 | 496.1 | 499.2 |
| 142.5° | 548.3 | 546.3 | 545.2 | 545.2 | 539.1 | 537.0 | 533.0 | 529.9 | 528.9 | 526.8 | 529.9 |
| 145°   | 572.9 | 570.8 | 573.9 | 574.9 | 568.8 | 563.6 | 562.6 | 559.6 | 556.5 | 558.5 | 562.6 |
| 147.5° | 598.4 | 596.4 | 599.4 | 598.4 | 593.3 | 588.2 | 587.2 | 587.2 | 584.1 | 585.1 | 588.2 |
| 150°   | 624.0 | 619.9 | 616.8 | 613.8 | 610.7 | 606.6 | 606.6 | 606.6 | 606.6 | 605.6 | 608.7 |
| 152.5° | 642.4 | 637.3 | 632.2 | 628.1 | 625.0 | 624.0 | 624.0 | 623.0 | 622.0 | 622.0 | 625.0 |
| 155°   | 655.7 | 652.6 | 650.6 | 645.5 | 640.4 | 642.4 | 644.5 | 641.4 | 639.3 | 639.3 | 643.4 |
| 157.5° | 670.0 | 664.9 | 664.9 | 662.9 | 658.8 | 659.8 | 660.8 | 658.8 | 657.8 | 657.8 | 660.8 |
| 160°   | 681.3 | 675.1 | 676.2 | 679.2 | 673.1 | 670.0 | 670.0 | 671.1 | 674.1 | 675.1 | 678.2 |
| 162.5° | 689.5 | 683.3 | 685.4 | 686.4 | 682.3 | 678.2 | 676.2 | 680.3 | 684.4 | 684.4 | 688.4 |
| 165°   | 697.7 | 693.6 | 695.6 | 692.5 | 687.4 | 688.4 | 688.4 | 691.5 | 691.5 | 693.6 | 696.6 |
| 167.5° | 709.9 | 703.8 | 703.8 | 699.7 | 693.6 | 700.7 | 703.8 | 701.7 | 699.7 | 702.8 | 705.8 |
| 170°   | 717.1 | 712.0 | 709.9 | 704.8 | 701.7 | 706.9 | 708.9 | 707.9 | 707.9 | 711.0 | 714.0 |
| 172.5° | 717.1 | 712.0 | 709.9 | 707.9 | 704.8 | 705.8 | 705.8 | 708.9 | 711.0 | 713.0 | 715.0 |
| 175°   | 715.0 | 709.9 | 712.0 | 711.0 | 705.8 | 705.8 | 706.9 | 711.0 | 713.0 | 714.0 | 716.1 |
| 177.5° | 718.1 | 714.0 | 717.1 | 715.0 | 709.9 | 711.0 | 713.0 | 715.0 | 716.1 | 721.2 | 723.2 |
| 180°   | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 | 716.1 |

(END OF REPORT)