

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: P401077

Luminaire Tested: **ENT-SA1B-727-U-SLL-HSS**

Issue Date: 5/20/2020

Test Information

Test Method: LM-79-08
Report Number: P401077
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2004-754-8)
Test Lab: INNOVATION CENTER
Issue Date: 5/20/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: ENT-SA1B-727-U-SLL-HSS
Description: ENTRI LED LUMINAIRE
(1) 70 CRI, 2700K, 450mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2156 lumens
Efficiency: N/A
Efficacy: 84.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short - Semi-Cutoff
BUG Rating: B0 - U0 - G1

Input Watts (W): 25.4
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: 25 FT

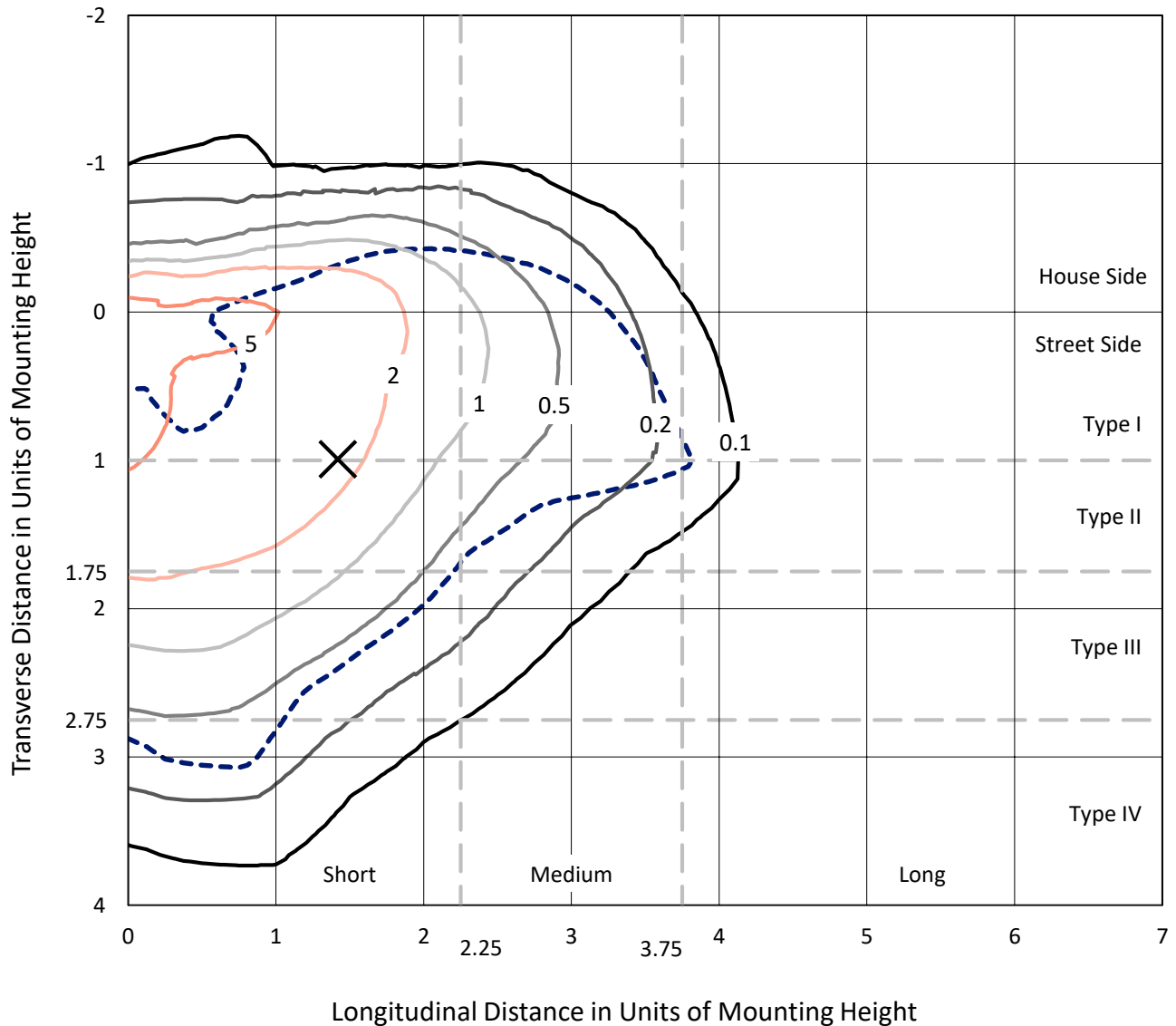


REPORT NUMBER: P401077

CATALOG NUMBER: ENT-SA1B-727-U-SLL-HSS

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

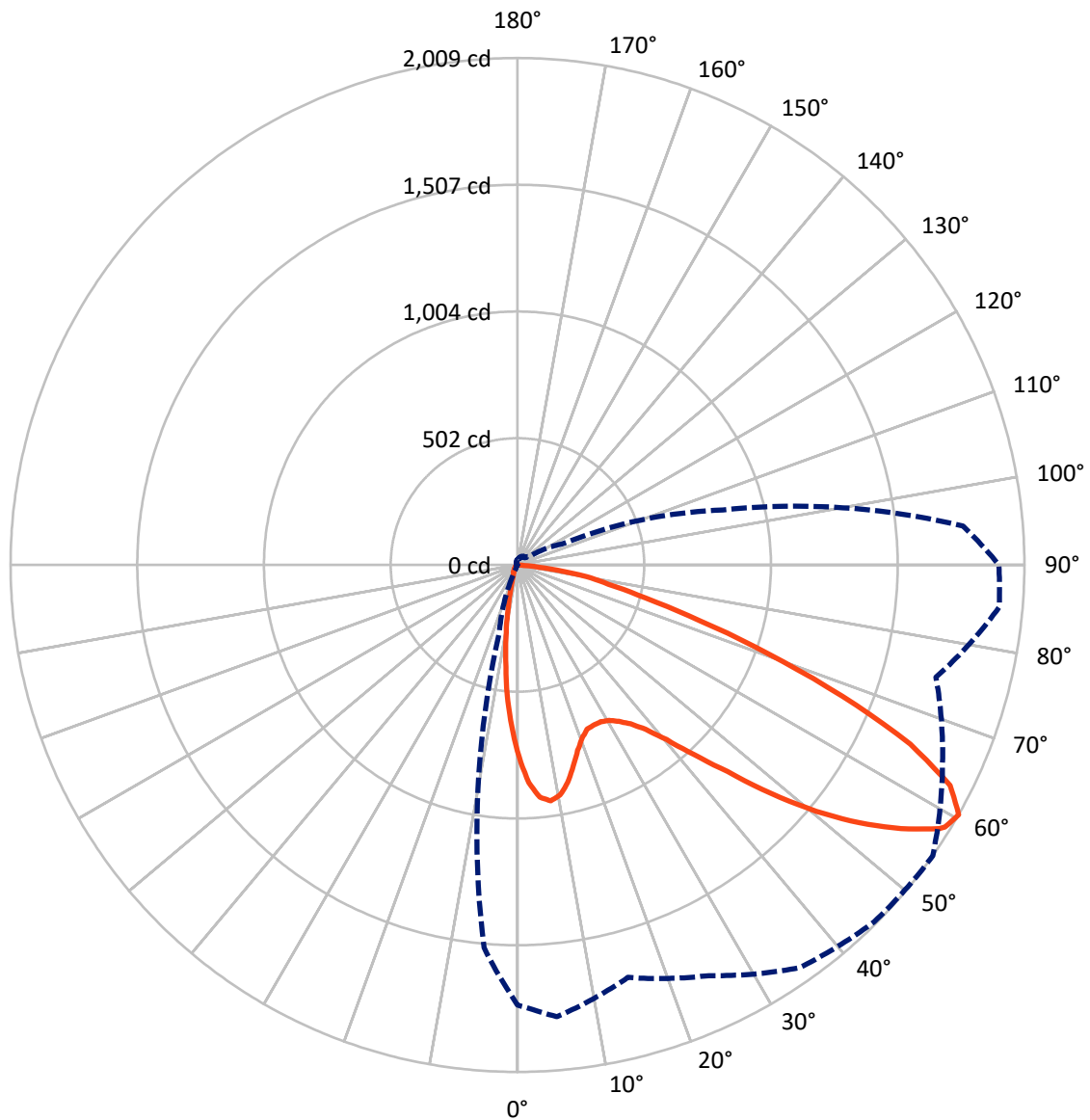


Based on 10 foot mounting height. Maximum calculated value = 9 fc
 Type III - Short - Semi-Cutoff

REPORT NUMBER: P401077

CATALOG NUMBER: ENT-SA1B-727-U-SLL-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P401077

CATALOG NUMBER: ENT-SA1B-727-U-SLL-HSS

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 381.8 | 0.0 | 381.8 |
| | % Fixture | 17.7 | 0.0 | 17.7 |
| Street Side | Lumens | 1774.2 | 0.0 | 1774.2 |
| | % Fixture | 82.3 | 0.0 | 82.3 |
| Total | Lumens | 2156.0 | 0.0 | 2156.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 57.3 | 2.7 |
| 10°-20° | 109.0 | 5.1 |
| 20°-30° | 155.5 | 7.2 |
| 30°-40° | 228.0 | 10.6 |
| 40°-50° | 336.2 | 15.6 |
| 50°-60° | 498.0 | 23.1 |
| 60°-70° | 530.7 | 24.6 |
| 70°-80° | 220.1 | 10.2 |
| 80°-90° | 21.2 | 1.0 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 2156.0 | 100.0 |
| 0°-180° | 2156.0 | 100.0 |



REPORT NUMBER: P401077

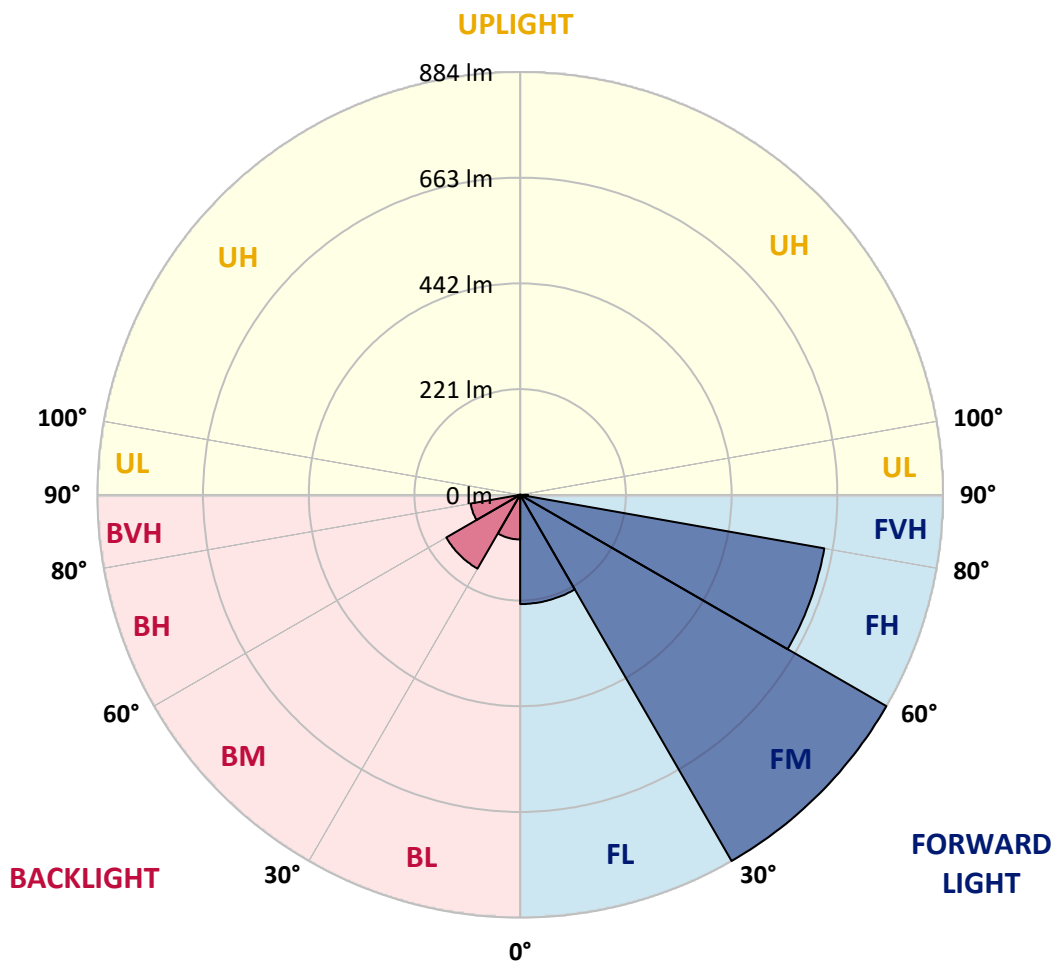
CATALOG NUMBER: ENT-SA1B-727-U-SLL-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|--------|
| | | | B | U | G |
| FL (0°-30°) | 228.4 | 10.6 | | | |
| FM (30°-60°) | 884.0 | 41.0 | | | |
| FH (60°-80°) | 645.6 | 29.9 | | | G0/660 |
| FVH (80°-90°) | 16.2 | 0.8 | | | G1/100 |
| BL (0°-30°) | 93.3 | 4.3 | B0/110 | | |
| BM (30°-60°) | 178.3 | 8.3 | B0/220 | | |
| BH (60°-80°) | 105.2 | 4.9 | B0/110 | | G0/110 |
| BVH (80°-90°) | 5.0 | 0.2 | | | G0/10 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B0-U0-G1

Type III Short





REPORT NUMBER: P401077

CATALOG NUMBER: ENT-SA1B-727-U-SLL-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 |
| 2.5° | 795.2 | 794.0 | 805.4 | 829.1 | 843.7 | 852.7 | 854.3 | 863.7 | 854.3 | 849.4 | 831.9 |
| 5° | 772.0 | 771.6 | 793.6 | 845.4 | 887.8 | 919.6 | 935.0 | 924.4 | 908.1 | 875.9 | 836.8 |
| 7.5° | 707.6 | 707.6 | 749.2 | 818.5 | 889.4 | 944.4 | 963.2 | 943.6 | 904.9 | 840.1 | 770.0 |
| 10° | 655.0 | 659.9 | 699.9 | 782.6 | 861.3 | 921.6 | 942.4 | 927.3 | 876.8 | 792.8 | 710.5 |
| 12.5° | 623.6 | 626.5 | 670.9 | 754.1 | 827.4 | 876.3 | 889.0 | 884.5 | 847.8 | 756.5 | 669.3 |
| 15° | 626.5 | 630.6 | 681.5 | 749.6 | 797.3 | 816.8 | 821.3 | 827.0 | 811.9 | 741.8 | 655.8 |
| 17.5° | 671.3 | 674.2 | 725.5 | 769.6 | 767.5 | 761.4 | 763.0 | 772.4 | 790.3 | 754.1 | 683.1 |
| 20° | 743.1 | 750.4 | 802.2 | 803.0 | 752.0 | 723.5 | 716.2 | 731.6 | 780.2 | 786.3 | 741.4 |
| 22.5° | 835.2 | 838.0 | 890.6 | 859.2 | 753.7 | 697.4 | 688.8 | 706.4 | 783.4 | 838.4 | 822.1 |
| 25° | 942.0 | 952.2 | 980.7 | 932.2 | 777.3 | 693.7 | 688.0 | 702.7 | 795.2 | 893.9 | 905.3 |
| 27.5° | 1014.1 | 1022.3 | 1049.6 | 981.9 | 798.5 | 695.8 | 685.2 | 703.1 | 809.5 | 946.0 | 994.1 |
| 30° | 1078.5 | 1084.2 | 1094.4 | 1008.0 | 822.5 | 706.0 | 688.8 | 714.5 | 817.2 | 957.1 | 1051.6 |
| 32.5° | 1139.2 | 1146.2 | 1140.1 | 1039.4 | 849.0 | 725.1 | 695.8 | 738.6 | 834.0 | 979.1 | 1101.7 |
| 35° | 1217.5 | 1217.9 | 1197.1 | 1070.8 | 879.2 | 748.0 | 716.2 | 772.8 | 866.6 | 1013.3 | 1155.6 |
| 37.5° | 1310.4 | 1311.3 | 1258.7 | 1103.0 | 913.4 | 786.3 | 764.3 | 825.8 | 913.8 | 1052.8 | 1232.6 |
| 40° | 1391.6 | 1394.8 | 1325.1 | 1140.1 | 955.4 | 860.9 | 858.8 | 909.8 | 974.6 | 1105.4 | 1315.3 |
| 42.5° | 1462.1 | 1471.4 | 1386.3 | 1171.0 | 1014.9 | 975.4 | 980.3 | 1026.8 | 1048.4 | 1149.4 | 1366.7 |
| 45° | 1533.4 | 1533.0 | 1436.4 | 1202.0 | 1114.4 | 1122.9 | 1169.4 | 1167.4 | 1131.9 | 1173.1 | 1407.0 |
| 47.5° | 1577.8 | 1575.8 | 1467.0 | 1252.6 | 1248.5 | 1330.4 | 1379.7 | 1352.8 | 1224.4 | 1198.4 | 1457.6 |
| 50° | 1594.9 | 1594.1 | 1491.0 | 1317.0 | 1385.0 | 1518.3 | 1588.8 | 1535.0 | 1337.8 | 1240.7 | 1517.9 |
| 52.5° | 1643.5 | 1639.4 | 1546.4 | 1390.3 | 1508.5 | 1699.3 | 1757.6 | 1697.7 | 1450.7 | 1317.0 | 1588.0 |
| 55° | 1719.3 | 1720.5 | 1641.8 | 1476.3 | 1607.6 | 1826.9 | 1898.2 | 1844.8 | 1566.0 | 1421.7 | 1684.2 |
| 57.5° | 1770.2 | 1773.9 | 1747.4 | 1572.1 | 1713.6 | 1916.1 | 1985.4 | 1970.4 | 1719.7 | 1546.9 | 1797.1 |
| 58° | 1775.1 | 1778.0 | 1764.1 | 1590.5 | 1729.5 | 1926.3 | 1997.3 | 1986.7 | 1753.5 | 1586.8 | 1824.0 |
| 60° | 1743.7 | 1752.3 | 1796.7 | 1691.6 | 1795.1 | 1947.9 | 1999.3 | 2008.7 | 1858.3 | 1716.4 | 1916.1 |
| 62.5° | 1658.5 | 1661.4 | 1742.1 | 1804.9 | 1839.9 | 1894.5 | 1899.4 | 1923.9 | 1901.5 | 1868.4 | 1998.5 |
| 65° | 1554.2 | 1554.2 | 1641.4 | 1810.2 | 1723.8 | 1714.8 | 1686.3 | 1710.7 | 1775.5 | 1963.8 | 1992.8 |
| 67.5° | 1372.8 | 1374.0 | 1485.3 | 1612.5 | 1429.1 | 1398.1 | 1379.7 | 1388.7 | 1526.9 | 1884.3 | 1881.9 |
| 70° | 1109.5 | 1108.7 | 1223.2 | 1305.6 | 1060.6 | 1034.1 | 1056.1 | 1053.2 | 1240.3 | 1674.4 | 1643.0 |
| 72.5° | 784.6 | 791.6 | 909.4 | 1008.4 | 720.2 | 620.8 | 717.8 | 755.3 | 933.0 | 1411.5 | 1271.3 |
| 75° | 441.8 | 451.2 | 547.4 | 700.7 | 454.5 | 419.8 | 469.6 | 523.0 | 674.6 | 1123.8 | 853.9 |
| 77.5° | 221.7 | 225.4 | 280.4 | 337.1 | 275.5 | 320.0 | 317.1 | 368.1 | 462.6 | 758.1 | 488.3 |
| 80° | 128.0 | 135.3 | 154.1 | 174.0 | 154.1 | 203.0 | 235.6 | 277.2 | 284.9 | 392.1 | 272.3 |
| 82.5° | 51.4 | 57.5 | 72.1 | 81.9 | 64.0 | 60.3 | 41.2 | 129.6 | 171.6 | 189.5 | 104.3 |
| 85° | 0.0 | 0.0 | 0.4 | 0.8 | 1.2 | 1.2 | 2.0 | 22.8 | 42.0 | 9.4 | 17.1 |
| 87.5° | 0.0 | 0.0 | 0.4 | 0.4 | 0.8 | 1.2 | 1.6 | 2.9 | 3.7 | 4.5 | 15.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P401077

CATALOG NUMBER: ENT-SA1B-727-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 |
| 2.5° | 825.4 | 820.9 | 805.8 | 783.0 | 768.7 | 746.7 | 737.8 | 717.0 | 706.4 | 688.8 | 688.8 |
| 5° | 817.2 | 798.9 | 761.0 | 711.7 | 676.6 | 639.9 | 628.1 | 603.7 | 586.1 | 565.3 | 556.8 |
| 7.5° | 743.1 | 717.4 | 658.3 | 600.8 | 545.0 | 507.9 | 471.2 | 446.3 | 422.7 | 405.6 | 408.0 |
| 10° | 675.0 | 638.3 | 573.5 | 500.5 | 442.7 | 403.9 | 370.9 | 342.0 | 317.5 | 293.5 | 289.8 |
| 12.5° | 630.6 | 588.6 | 511.1 | 432.9 | 389.7 | 361.1 | 330.6 | 298.8 | 268.6 | 242.1 | 231.5 |
| 15° | 611.8 | 566.2 | 479.7 | 406.0 | 366.4 | 329.8 | 294.3 | 255.2 | 220.5 | 188.7 | 180.2 |
| 17.5° | 632.2 | 577.6 | 476.9 | 388.0 | 333.0 | 287.0 | 237.6 | 194.8 | 154.1 | 131.2 | 124.3 |
| 20° | 687.6 | 616.7 | 486.3 | 370.1 | 295.9 | 236.4 | 176.1 | 127.6 | 104.8 | 90.9 | 86.4 |
| 22.5° | 767.9 | 681.5 | 502.2 | 352.6 | 258.4 | 176.1 | 121.5 | 92.1 | 78.7 | 71.3 | 69.3 |
| 25° | 855.2 | 765.1 | 531.5 | 337.9 | 220.9 | 130.8 | 90.1 | 75.4 | 67.3 | 62.0 | 59.9 |
| 27.5° | 953.4 | 847.8 | 567.4 | 326.9 | 186.3 | 104.8 | 77.4 | 66.4 | 59.9 | 56.2 | 54.6 |
| 30° | 1014.9 | 907.3 | 594.7 | 307.3 | 162.6 | 95.4 | 73.8 | 62.8 | 55.8 | 53.0 | 51.8 |
| 32.5° | 1071.6 | 954.2 | 620.8 | 284.9 | 144.7 | 84.4 | 71.7 | 66.0 | 57.9 | 52.2 | 49.7 |
| 35° | 1134.0 | 1002.3 | 633.4 | 271.5 | 132.9 | 73.4 | 59.1 | 51.4 | 46.9 | 46.1 | 44.8 |
| 37.5° | 1226.9 | 1059.4 | 641.6 | 264.1 | 125.5 | 66.8 | 55.0 | 46.5 | 41.2 | 36.3 | 34.2 |
| 40° | 1314.9 | 1118.5 | 645.6 | 257.2 | 121.9 | 62.8 | 52.6 | 44.0 | 38.3 | 33.8 | 31.8 |
| 42.5° | 1383.8 | 1172.3 | 648.1 | 252.3 | 115.4 | 60.3 | 50.5 | 42.4 | 36.3 | 31.8 | 29.8 |
| 45° | 1440.1 | 1234.6 | 646.0 | 250.7 | 110.1 | 62.0 | 49.7 | 41.2 | 34.6 | 30.2 | 28.1 |
| 47.5° | 1495.1 | 1302.3 | 653.8 | 248.6 | 104.8 | 59.5 | 50.1 | 40.8 | 33.4 | 28.9 | 26.9 |
| 50° | 1567.2 | 1384.2 | 681.9 | 242.9 | 101.1 | 55.8 | 54.2 | 41.2 | 33.0 | 28.1 | 26.5 |
| 52.5° | 1660.6 | 1497.5 | 732.9 | 236.8 | 96.6 | 52.6 | 56.7 | 41.2 | 32.2 | 27.3 | 25.3 |
| 55° | 1773.9 | 1624.7 | 789.1 | 227.8 | 88.9 | 48.5 | 54.2 | 41.2 | 31.4 | 26.9 | 24.5 |
| 57.5° | 1866.4 | 1738.0 | 833.5 | 217.3 | 74.6 | 43.6 | 49.7 | 39.5 | 29.3 | 25.3 | 23.2 |
| 58° | 1874.6 | 1751.1 | 839.7 | 214.4 | 73.0 | 42.8 | 48.5 | 39.1 | 28.5 | 24.9 | 22.8 |
| 60° | 1907.6 | 1772.3 | 842.1 | 198.9 | 60.7 | 40.8 | 42.0 | 37.9 | 26.9 | 23.2 | 21.6 |
| 62.5° | 1896.2 | 1702.1 | 790.3 | 171.6 | 54.2 | 37.1 | 35.1 | 38.7 | 24.9 | 21.2 | 19.6 |
| 65° | 1839.5 | 1564.4 | 692.5 | 153.7 | 54.6 | 33.0 | 30.2 | 33.8 | 22.8 | 19.2 | 17.5 |
| 67.5° | 1704.6 | 1355.3 | 562.5 | 143.9 | 57.1 | 29.3 | 26.1 | 25.3 | 20.4 | 17.1 | 15.9 |
| 70° | 1453.9 | 1110.7 | 426.4 | 135.3 | 60.3 | 26.1 | 24.0 | 22.4 | 18.7 | 15.9 | 14.3 |
| 72.5° | 1070.8 | 822.5 | 310.2 | 126.8 | 58.7 | 23.2 | 22.4 | 20.4 | 17.1 | 14.3 | 13.5 |
| 75° | 668.1 | 477.7 | 212.4 | 103.5 | 52.6 | 20.4 | 20.8 | 19.2 | 15.5 | 13.5 | 12.2 |
| 77.5° | 390.1 | 335.5 | 104.8 | 77.0 | 36.3 | 17.9 | 18.3 | 17.5 | 15.9 | 12.6 | 11.8 |
| 80° | 233.6 | 208.7 | 44.8 | 33.0 | 20.0 | 15.9 | 15.5 | 16.3 | 15.1 | 11.8 | 11.0 |
| 82.5° | 101.1 | 90.5 | 21.6 | 18.3 | 16.3 | 13.9 | 13.5 | 13.9 | 13.0 | 9.8 | 9.4 |
| 85° | 5.7 | 15.1 | 10.2 | 13.5 | 12.2 | 10.2 | 10.2 | 10.6 | 9.4 | 7.7 | 7.7 |
| 87.5° | 5.3 | 11.4 | 6.5 | 8.2 | 9.0 | 7.7 | 8.2 | 8.2 | 7.7 | 6.9 | 6.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P401077

CATALOG NUMBER: ENT-SA1B-727-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 |
| 2.5° | 679.5 | 675.0 | 661.5 | 656.6 | 635.5 | 640.8 | 642.4 | 640.3 | 641.2 | 642.8 | 648.9 |
| 5° | 562.9 | 555.6 | 538.0 | 526.6 | 520.5 | 516.4 | 497.3 | 497.7 | 500.5 | 489.5 | 503.8 |
| 7.5° | 399.9 | 408.0 | 409.6 | 399.0 | 392.5 | 378.7 | 361.1 | 351.4 | 334.6 | 344.0 | 346.1 |
| 10° | 286.1 | 282.1 | 289.8 | 286.1 | 275.9 | 270.6 | 251.9 | 250.3 | 248.6 | 247.4 | 259.2 |
| 12.5° | 218.1 | 205.8 | 196.9 | 198.9 | 191.2 | 178.1 | 174.9 | 175.3 | 176.9 | 176.9 | 180.2 |
| 15° | 172.8 | 154.1 | 139.8 | 131.2 | 132.5 | 119.4 | 115.8 | 103.5 | 101.9 | 98.2 | 99.0 |
| 17.5° | 121.1 | 113.3 | 104.8 | 95.0 | 90.9 | 79.1 | 64.8 | 58.3 | 53.4 | 54.2 | 56.7 |
| 20° | 83.6 | 80.3 | 77.9 | 73.0 | 68.9 | 55.0 | 46.1 | 43.2 | 42.8 | 43.6 | 44.4 |
| 22.5° | 67.3 | 64.0 | 61.5 | 59.9 | 54.6 | 44.4 | 39.5 | 37.5 | 37.5 | 37.5 | 37.9 |
| 25° | 57.9 | 54.6 | 51.4 | 51.4 | 46.5 | 38.7 | 35.1 | 33.4 | 33.0 | 32.6 | 33.4 |
| 27.5° | 53.8 | 49.3 | 46.1 | 44.0 | 40.4 | 34.2 | 31.0 | 29.3 | 28.9 | 28.9 | 29.3 |
| 30° | 49.7 | 45.2 | 42.0 | 39.1 | 35.1 | 30.6 | 27.3 | 26.1 | 25.3 | 25.3 | 25.7 |
| 32.5° | 47.3 | 42.8 | 38.7 | 35.1 | 30.6 | 26.9 | 24.0 | 22.4 | 21.6 | 22.0 | 22.4 |
| 35° | 42.0 | 38.3 | 34.6 | 31.0 | 26.9 | 23.6 | 20.8 | 19.2 | 18.7 | 18.7 | 19.2 |
| 37.5° | 33.0 | 30.2 | 29.3 | 27.3 | 23.6 | 20.4 | 17.5 | 15.9 | 15.5 | 15.5 | 15.9 |
| 40° | 29.8 | 26.1 | 24.5 | 23.6 | 21.6 | 17.5 | 14.3 | 12.6 | 12.6 | 12.2 | 13.0 |
| 42.5° | 27.3 | 23.6 | 20.8 | 20.0 | 18.7 | 15.1 | 11.4 | 10.2 | 9.8 | 9.8 | 10.2 |
| 45° | 25.7 | 21.6 | 17.9 | 15.9 | 15.9 | 12.2 | 9.4 | 7.7 | 7.3 | 7.3 | 7.7 |
| 47.5° | 24.9 | 20.4 | 15.9 | 13.0 | 12.6 | 10.2 | 7.3 | 5.7 | 5.3 | 5.3 | 5.3 |
| 50° | 24.0 | 18.7 | 14.3 | 11.0 | 9.8 | 8.6 | 5.7 | 4.5 | 4.1 | 4.1 | 4.1 |
| 52.5° | 22.8 | 17.9 | 13.0 | 9.8 | 7.7 | 6.5 | 4.5 | 3.3 | 2.9 | 2.4 | 2.9 |
| 55° | 22.0 | 16.7 | 12.6 | 9.0 | 6.5 | 4.9 | 3.3 | 2.4 | 2.0 | 2.0 | 2.0 |
| 57.5° | 20.8 | 15.5 | 11.4 | 8.6 | 6.1 | 3.7 | 2.4 | 1.6 | 1.2 | 1.2 | 1.6 |
| 58° | 20.4 | 15.5 | 11.0 | 8.2 | 5.7 | 3.7 | 2.4 | 1.6 | 1.2 | 1.2 | 1.6 |
| 60° | 19.2 | 14.3 | 10.6 | 7.3 | 5.3 | 3.3 | 2.0 | 1.2 | 0.8 | 0.8 | 1.2 |
| 62.5° | 17.9 | 13.0 | 9.4 | 6.5 | 4.5 | 2.9 | 1.6 | 0.8 | 0.4 | 0.4 | 0.4 |
| 65° | 15.9 | 11.8 | 8.2 | 6.1 | 3.7 | 2.0 | 1.2 | 0.4 | 0.0 | 0.0 | 0.0 |
| 67.5° | 14.3 | 11.0 | 7.3 | 5.3 | 3.3 | 1.6 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| 70° | 13.0 | 10.2 | 6.5 | 4.5 | 2.9 | 1.2 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| 72.5° | 12.2 | 9.4 | 6.1 | 4.1 | 2.0 | 1.2 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| 75° | 11.8 | 9.0 | 6.1 | 3.7 | 2.0 | 1.2 | 0.8 | 0.4 | 0.0 | 0.0 | 0.4 |
| 77.5° | 11.4 | 9.0 | 6.1 | 3.7 | 2.4 | 1.2 | 1.2 | 0.8 | 0.8 | 0.4 | 1.2 |
| 80° | 10.6 | 8.2 | 5.3 | 3.3 | 2.0 | 1.6 | 1.2 | 0.8 | 0.0 | 0.0 | 0.0 |
| 82.5° | 9.0 | 6.5 | 4.5 | 3.3 | 2.0 | 1.2 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| 85° | 7.3 | 5.3 | 3.7 | 2.0 | 1.2 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 6.5 | 4.1 | 2.9 | 1.6 | 0.8 | 0.4 | 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 |



REPORT NUMBER: P401077

CATALOG NUMBER: ENT-SA1B-727-U-SLL-HSS

CANDELA DISTRIBUTION (continued):

| | 285° | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 359° | 360° |
|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0° | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 | 761.4 |
| 2.5° | 654.2 | 673.0 | 680.7 | 706.8 | 718.2 | 741.8 | 762.2 | 779.7 | 788.3 | 795.2 |
| 5° | 507.5 | 525.4 | 544.6 | 583.3 | 616.7 | 652.6 | 697.4 | 743.9 | 757.3 | 772.0 |
| 7.5° | 354.2 | 380.7 | 412.9 | 447.5 | 495.2 | 549.4 | 613.8 | 671.3 | 700.3 | 707.6 |
| 10° | 275.1 | 306.5 | 340.8 | 375.0 | 414.5 | 472.4 | 537.2 | 611.4 | 642.4 | 655.0 |
| 12.5° | 206.7 | 248.6 | 289.4 | 329.8 | 364.0 | 414.1 | 484.6 | 573.1 | 607.3 | 623.6 |
| 15° | 124.3 | 171.6 | 221.7 | 275.9 | 323.6 | 382.3 | 461.8 | 564.9 | 608.1 | 626.5 |
| 17.5° | 62.0 | 84.8 | 130.8 | 212.4 | 282.9 | 355.8 | 461.4 | 594.3 | 647.7 | 671.3 |
| 20° | 46.1 | 52.2 | 69.7 | 132.5 | 235.2 | 333.8 | 466.3 | 644.4 | 723.1 | 743.1 |
| 22.5° | 39.5 | 44.0 | 50.1 | 77.4 | 176.1 | 313.4 | 483.4 | 710.9 | 808.7 | 835.2 |
| 25° | 34.6 | 38.3 | 43.2 | 53.4 | 120.7 | 289.4 | 515.6 | 804.6 | 905.7 | 942.0 |
| 27.5° | 30.6 | 33.8 | 37.9 | 44.8 | 80.7 | 244.2 | 534.0 | 883.3 | 984.0 | 1014.1 |
| 30° | 26.9 | 29.3 | 33.4 | 38.3 | 59.5 | 188.7 | 551.1 | 952.6 | 1054.9 | 1078.5 |
| 32.5° | 23.6 | 25.7 | 28.9 | 32.6 | 45.2 | 143.1 | 551.9 | 1012.1 | 1116.8 | 1139.2 |
| 35° | 20.0 | 22.4 | 24.9 | 28.1 | 35.9 | 111.7 | 535.2 | 1071.2 | 1190.2 | 1217.5 |
| 37.5° | 16.7 | 18.7 | 21.6 | 24.5 | 32.6 | 86.4 | 500.5 | 1140.5 | 1279.5 | 1310.4 |
| 40° | 14.3 | 16.3 | 18.7 | 22.0 | 28.9 | 62.8 | 445.1 | 1203.2 | 1363.0 | 1391.6 |
| 42.5° | 11.4 | 13.5 | 16.3 | 21.6 | 24.0 | 45.2 | 389.3 | 1263.6 | 1435.6 | 1462.1 |
| 45° | 9.0 | 11.4 | 15.1 | 20.8 | 20.0 | 31.8 | 341.2 | 1317.0 | 1497.9 | 1533.4 |
| 47.5° | 6.5 | 9.4 | 15.1 | 18.7 | 16.3 | 22.8 | 316.7 | 1368.3 | 1553.8 | 1577.8 |
| 50° | 4.9 | 7.7 | 16.3 | 15.9 | 13.9 | 19.6 | 320.4 | 1425.4 | 1579.5 | 1594.9 |
| 52.5° | 3.7 | 6.5 | 12.6 | 11.4 | 11.8 | 17.1 | 334.6 | 1500.8 | 1632.4 | 1643.5 |
| 55° | 3.3 | 4.9 | 7.7 | 8.6 | 10.6 | 16.3 | 331.0 | 1572.1 | 1700.1 | 1719.3 |
| 57.5° | 2.9 | 4.1 | 6.1 | 6.9 | 9.4 | 15.5 | 310.2 | 1603.5 | 1743.7 | 1770.2 |
| 58° | 2.4 | 4.1 | 5.7 | 6.9 | 9.4 | 15.1 | 304.9 | 1594.9 | 1741.7 | 1775.1 |
| 60° | 2.0 | 3.7 | 5.3 | 6.1 | 8.2 | 13.5 | 279.2 | 1522.4 | 1696.8 | 1743.7 |
| 62.5° | 1.6 | 2.4 | 4.1 | 4.5 | 6.5 | 11.0 | 229.9 | 1405.0 | 1600.7 | 1658.5 |
| 65° | 0.8 | 1.6 | 2.4 | 3.3 | 4.5 | 8.2 | 163.4 | 1266.0 | 1497.5 | 1554.2 |
| 67.5° | 0.0 | 0.8 | 1.6 | 2.0 | 2.9 | 6.1 | 94.2 | 1074.4 | 1328.0 | 1372.8 |
| 70° | 0.0 | 0.4 | 0.8 | 1.2 | 1.6 | 4.1 | 49.7 | 788.7 | 1028.8 | 1109.5 |
| 72.5° | 0.4 | 0.4 | 0.4 | 0.0 | 0.8 | 3.3 | 22.0 | 467.9 | 701.5 | 784.6 |
| 75° | 0.4 | 0.4 | 0.0 | 0.0 | 0.0 | 1.6 | 9.4 | 246.6 | 402.3 | 441.8 |
| 77.5° | 1.6 | 0.8 | 0.0 | 0.0 | 0.0 | 0.4 | 4.5 | 132.9 | 208.7 | 221.7 |
| 80° | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | 44.4 | 125.1 | 128.0 |
| 82.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 53.8 | 51.4 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 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 |

(END OF REPORT)