

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: P677449

Luminaire Tested: **CCW-SA-1B-760-U-SLR-HSS**

Issue Date: 04/25/2023



**Test Information**

Test Method: LM-79-08  
Report Number: P677449  
Test Lab: INNOVATION CENTER(G1)  
Issue Date: 04/25/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: CCW-SA-1B-760-U-SLR-HSS  
Description: INVUE CLEAR CURVE Wall Pack MOUNT Light Square Luminaire @450mA w/  
SLR distribution lens and House Side Shield  
Light Source: (16) 5700K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2538.7 lumens  
Efficiency: N/A  
Efficacy: 105.8 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G1

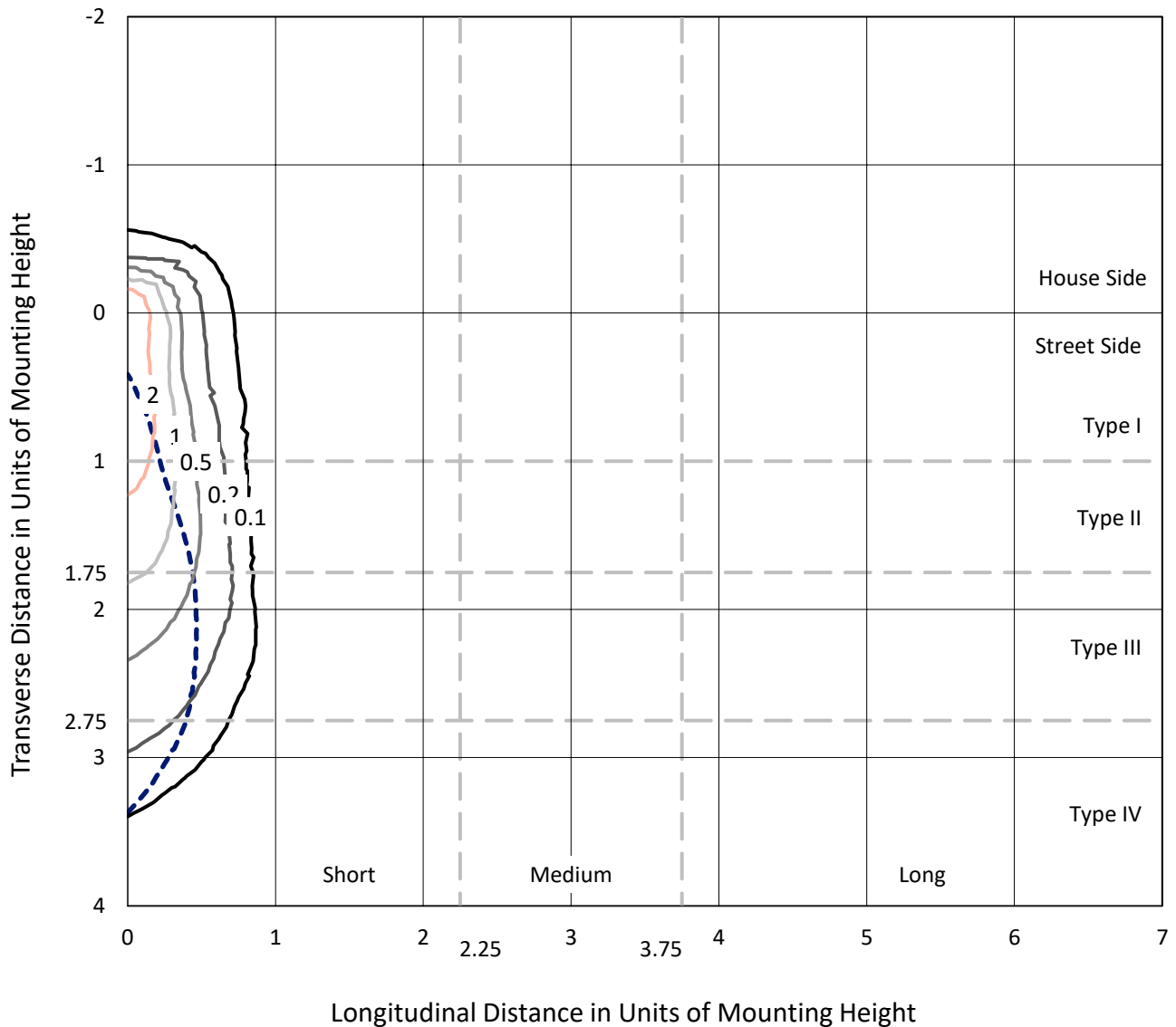
Input Watts (W): 24  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



REPORT NUMBER: P677449  
 CATALOG NUMBER: CCW-SA-1B-760-U-SLR-HSS

### Iso-Footcandle Lines of Horizontal Illumination

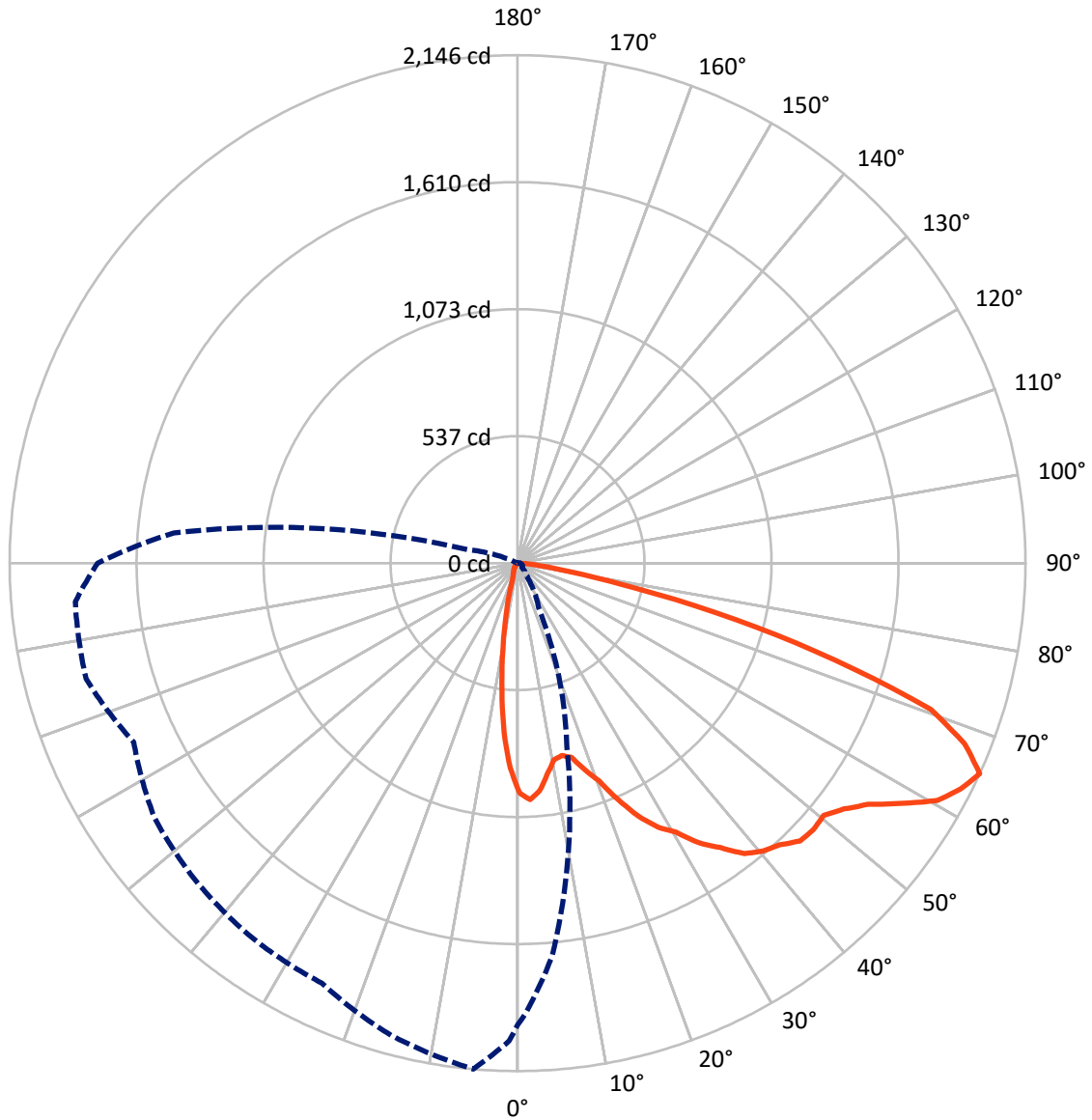
× Max cd  
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 4.3 fc  
 Type IV - Short - N/A

REPORT NUMBER: P677449  
CATALOG NUMBER: CCW-SA-1B-760-U-SLR-HSS

### Luminous Intensity Polar Plot



— Vertical Plane Through 355-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P677449  
 CATALOG NUMBER: CCW-SA-1B-760-U-SLR-HSS

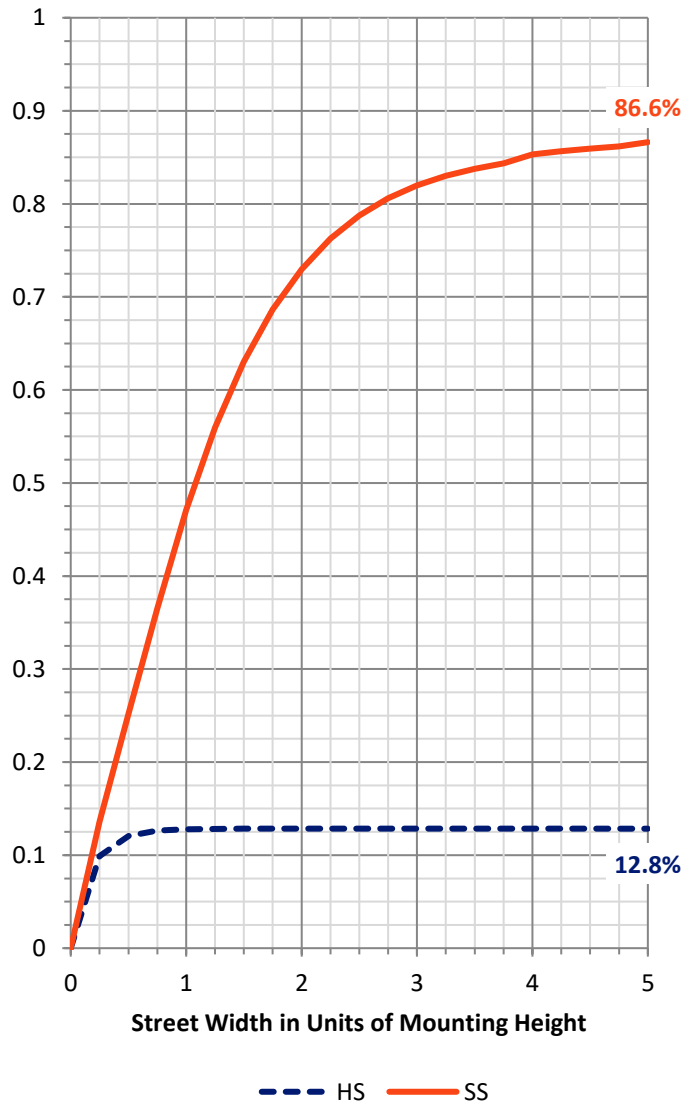
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 329.6    | 0.0    | 329.6  |
|                    | % Fixture | 13.0     | 0.0    | 13.0   |
| <b>Street Side</b> | Lumens    | 2209.1   | 0.0    | 2209.1 |
|                    | % Fixture | 87.0     | 0.0    | 87.0   |
| <b>Total</b>       | Lumens    | 2538.7   | 0.0    | 2538.7 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**Coefficient of Utilization**

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 73.5   | 2.9       |
| 10°-20°   | 142.4  | 5.6       |
| 20°-30°   | 198.3  | 7.8       |
| 30°-40°   | 281.7  | 11.1      |
| 40°-50°   | 390.7  | 15.4      |
| 50°-60°   | 532.3  | 21.0      |
| 60°-70°   | 585.2  | 23.1      |
| 70°-80°   | 287.6  | 11.3      |
| 80°-90°   | 47.0   | 1.9       |
| 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°    | 2538.7 | 100.0     |
| 0°-180°   | 2538.7 | 100.0     |



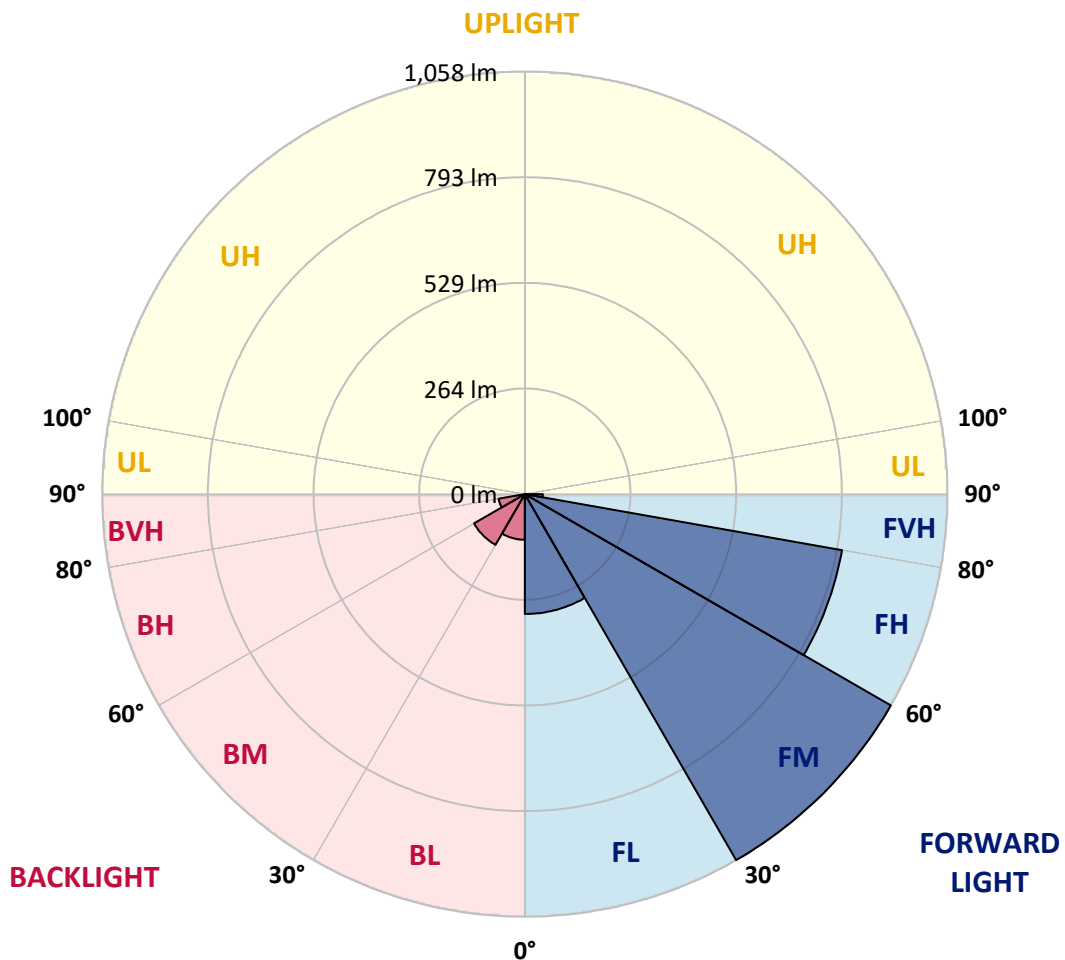
REPORT NUMBER: P677449  
 CATALOG NUMBER: CCW-SA-1B-760-U-SLR-HSS

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

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 300.0  | 11.8      |                         |      |         |
| FM (30°-60°)   | 1058.0 | 41.7      |                         |      |         |
| FH (60°-80°)   | 806.3  | 31.8      |                         |      | G1/1800 |
| FVH (80°-90°)  | 44.9   | 1.8       |                         |      | G1/100  |
| BL (0°-30°)    | 114.1  | 4.5       | B1/500                  |      |         |
| BM (30°-60°)   | 146.8  | 5.8       | B0/220                  |      |         |
| BH (60°-80°)   | 66.6   | 2.6       | B0/110                  |      | G0/110  |
| BVH (80°-90°)  | 2.1    | 0.1       |                         |      | G0/10   |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G1**

Type IV Short





REPORT NUMBER: P677449

CATALOG NUMBER: CCW-SA-1B-760-U-SLR-HSS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°   | 25°   | 35°   | 45°   | 55°   | 65°   | 75°   | 85°   |
|-------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 970.5  | 970.5  | 970.5  | 970.5 | 970.5 | 970.5 | 970.5 | 970.5 | 970.5 | 970.5 | 970.5 |
| 2.5°  | 990.4  | 1002.0 | 991.1  | 952.7 | 945.9 | 927.4 | 899.4 | 897.3 | 867.9 | 871.3 | 855.6 |
| 5°    | 930.8  | 942.5  | 919.2  | 868.6 | 821.3 | 783.7 | 761.1 | 720.7 | 711.8 | 692.0 | 692.0 |
| 7.5°  | 869.9  | 869.2  | 829.5  | 787.1 | 716.6 | 647.5 | 616.0 | 557.8 | 523.6 | 505.1 | 487.3 |
| 10°   | 819.3  | 808.3  | 783.7  | 696.1 | 619.4 | 547.6 | 508.5 | 470.2 | 434.6 | 403.8 | 373.0 |
| 12.5° | 783.7  | 790.5  | 751.5  | 656.4 | 557.1 | 507.2 | 465.4 | 425.0 | 382.6 | 347.7 | 313.5 |
| 15°   | 802.2  | 791.2  | 745.4  | 647.5 | 546.9 | 478.4 | 423.0 | 373.7 | 326.5 | 280.6 | 254.6 |
| 17.5° | 859.7  | 831.6  | 777.5  | 647.5 | 525.7 | 434.6 | 367.5 | 309.4 | 258.7 | 217.7 | 185.5 |
| 20°   | 937.0  | 904.8  | 846.7  | 671.4 | 509.9 | 402.5 | 310.7 | 237.5 | 184.8 | 146.5 | 121.8 |
| 22.5° | 1016.4 | 991.1  | 903.5  | 681.0 | 491.4 | 359.3 | 245.0 | 171.8 | 123.2 | 98.6  | 86.2  |
| 25°   | 1111.5 | 1075.9 | 980.1  | 719.4 | 464.1 | 317.6 | 193.0 | 119.8 | 91.7  | 78.7  | 71.2  |
| 27.5° | 1187.5 | 1181.4 | 1052.0 | 742.6 | 443.5 | 283.4 | 152.6 | 95.1  | 76.0  | 66.4  | 61.6  |
| 30°   | 1283.3 | 1249.8 | 1139.6 | 789.2 | 420.2 | 244.3 | 127.3 | 85.6  | 69.8  | 59.5  | 56.1  |
| 32.5° | 1340.8 | 1325.1 | 1185.5 | 815.2 | 394.2 | 212.2 | 109.5 | 75.3  | 63.7  | 56.1  | 52.7  |
| 35°   | 1424.3 | 1392.8 | 1251.2 | 831.6 | 380.6 | 193.7 | 98.6  | 68.4  | 53.4  | 45.9  | 41.8  |
| 37.5° | 1517.4 | 1505.8 | 1329.9 | 830.9 | 360.7 | 182.7 | 91.0  | 63.7  | 50.6  | 42.4  | 37.6  |
| 40°   | 1612.6 | 1565.3 | 1377.8 | 850.1 | 350.4 | 174.5 | 85.6  | 60.9  | 47.9  | 40.4  | 34.2  |
| 42.5° | 1683.7 | 1629.7 | 1433.2 | 843.2 | 338.1 | 160.2 | 83.5  | 56.8  | 45.9  | 37.0  | 31.5  |
| 45°   | 1702.9 | 1683.7 | 1483.2 | 841.2 | 329.2 | 148.5 | 80.1  | 56.1  | 44.5  | 34.9  | 29.4  |
| 47.5° | 1739.9 | 1726.9 | 1544.8 | 844.6 | 322.4 | 139.6 | 71.9  | 57.5  | 42.4  | 32.9  | 28.1  |
| 50°   | 1756.3 | 1733.0 | 1594.8 | 852.8 | 306.6 | 128.7 | 64.3  | 60.2  | 41.8  | 32.2  | 26.7  |
| 52.5° | 1824.0 | 1803.5 | 1663.2 | 876.1 | 293.6 | 114.3 | 56.8  | 57.5  | 43.1  | 30.1  | 25.3  |
| 55°   | 1890.4 | 1867.2 | 1768.6 | 929.5 | 275.1 | 102.7 | 48.6  | 50.6  | 41.1  | 27.4  | 22.6  |
| 57.5° | 1981.5 | 1943.1 | 1839.1 | 951.4 | 258.7 | 86.9  | 43.1  | 41.8  | 38.3  | 24.6  | 19.8  |
| 60°   | 1995.2 | 2010.9 | 1828.8 | 937.7 | 241.6 | 76.7  | 37.6  | 32.2  | 41.1  | 21.9  | 17.1  |
| 62.5° | 2041.0 | 1975.3 | 1780.9 | 906.2 | 229.3 | 70.5  | 33.5  | 26.7  | 35.6  | 19.2  | 14.4  |
| 65°   | 1952.7 | 1904.1 | 1668.7 | 804.9 | 213.5 | 71.2  | 29.4  | 21.9  | 22.6  | 15.7  | 11.6  |
| 67.5° | 1823.4 | 1785.0 | 1482.5 | 694.7 | 197.8 | 69.8  | 26.0  | 19.2  | 17.1  | 13.7  | 10.3  |
| 70°   | 1600.2 | 1517.4 | 1259.4 | 564.0 | 174.5 | 65.0  | 21.9  | 17.1  | 14.4  | 11.0  | 7.5   |
| 72.5° | 1164.2 | 1130.7 | 903.5  | 436.0 | 156.7 | 58.9  | 20.5  | 14.4  | 12.3  | 8.2   | 6.2   |
| 75°   | 783.7  | 728.3  | 570.1  | 286.1 | 125.9 | 51.3  | 17.1  | 13.0  | 9.6   | 6.2   | 4.8   |
| 77.5° | 414.1  | 391.5  | 323.1  | 136.2 | 69.8  | 24.0  | 9.6   | 7.5   | 5.5   | 4.8   | 2.7   |
| 80°   | 179.3  | 159.5  | 139.6  | 55.4  | 24.6  | 11.0  | 6.2   | 4.1   | 3.4   | 2.7   | 1.4   |
| 82.5° | 91.7   | 87.6   | 72.6   | 24.0  | 14.4  | 8.2   | 3.4   | 2.7   | 2.1   | 1.4   | 0.7   |
| 85°   | 45.2   | 46.5   | 38.3   | 7.5   | 8.2   | 4.8   | 0.7   | 0.7   | 0.0   | 0.0   | 0.0   |
| 87.5° | 3.4    | 3.4    | 2.7    | 1.4   | 2.1   | 0.7   | 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: P677449  
 CATALOG NUMBER: CCW-SA-1B-760-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 90°   | 95°   | 105°  | 115°  | 125°  | 135°  | 145°  | 155°  | 165°  | 175°  | 180°  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°    | 970.5 | 970.5 | 970.5 | 970.5 | 970.5 | 970.5 | 970.5 | 970.5 | 970.5 | 970.5 | 970.5 |
| 2.5°  | 849.4 | 859.0 | 842.6 | 852.8 | 848.0 | 850.1 | 852.1 | 846.7 | 848.0 | 867.2 | 867.9 |
| 5°    | 680.3 | 698.8 | 692.0 | 701.6 | 718.0 | 709.8 | 717.3 | 715.9 | 717.3 | 720.0 | 732.4 |
| 7.5°  | 485.3 | 479.8 | 492.8 | 518.1 | 547.6 | 565.4 | 556.5 | 551.7 | 548.9 | 542.1 | 550.3 |
| 10°   | 366.2 | 363.4 | 360.0 | 367.5 | 386.7 | 406.6 | 417.5 | 399.0 | 388.8 | 375.8 | 371.0 |
| 12.5° | 303.9 | 286.8 | 277.2 | 265.6 | 271.0 | 288.8 | 289.5 | 271.7 | 255.3 | 248.5 | 256.0 |
| 15°   | 239.6 | 227.9 | 210.8 | 194.4 | 186.2 | 199.9 | 188.2 | 171.1 | 149.9 | 147.2 | 146.5 |
| 17.5° | 171.1 | 164.3 | 151.9 | 145.1 | 135.5 | 132.1 | 119.8 | 93.8  | 78.7  | 74.6  | 76.0  |
| 20°   | 116.4 | 110.9 | 110.2 | 104.0 | 99.9  | 97.2  | 77.3  | 60.2  | 55.4  | 56.1  | 56.8  |
| 22.5° | 86.2  | 83.5  | 80.1  | 79.4  | 76.0  | 72.6  | 56.8  | 50.6  | 47.2  | 47.2  | 49.3  |
| 25°   | 70.5  | 69.1  | 65.7  | 64.3  | 63.0  | 58.2  | 47.9  | 43.1  | 41.8  | 40.4  | 42.4  |
| 27.5° | 60.2  | 59.5  | 57.5  | 55.4  | 54.1  | 49.3  | 41.8  | 37.6  | 36.3  | 36.3  | 36.3  |
| 30°   | 54.1  | 54.1  | 51.3  | 47.2  | 47.2  | 41.8  | 35.6  | 32.9  | 31.5  | 31.5  | 30.8  |
| 32.5° | 50.6  | 49.3  | 45.9  | 43.1  | 41.1  | 35.6  | 31.5  | 28.7  | 26.7  | 26.7  | 27.4  |
| 35°   | 41.1  | 41.1  | 40.4  | 38.3  | 35.6  | 30.1  | 26.7  | 24.0  | 22.6  | 21.9  | 22.6  |
| 37.5° | 36.3  | 34.2  | 31.5  | 32.2  | 30.8  | 26.0  | 22.6  | 20.5  | 18.5  | 18.5  | 18.5  |
| 40°   | 32.9  | 30.8  | 28.1  | 26.0  | 25.3  | 23.3  | 19.8  | 16.4  | 14.4  | 13.7  | 13.7  |
| 42.5° | 29.4  | 28.1  | 24.0  | 20.5  | 19.8  | 19.8  | 15.1  | 12.3  | 10.3  | 10.3  | 10.3  |
| 45°   | 27.4  | 25.3  | 21.9  | 17.8  | 14.4  | 15.1  | 12.3  | 8.9   | 7.5   | 6.8   | 6.8   |
| 47.5° | 26.0  | 24.0  | 19.2  | 15.1  | 11.0  | 11.0  | 8.9   | 6.2   | 4.8   | 4.1   | 4.1   |
| 50°   | 24.0  | 21.9  | 17.1  | 12.3  | 8.2   | 6.8   | 5.5   | 3.4   | 2.1   | 1.4   | 1.4   |
| 52.5° | 22.6  | 20.5  | 15.1  | 10.3  | 6.8   | 4.8   | 3.4   | 0.7   | 0.0   | 0.0   | 0.0   |
| 55°   | 20.5  | 17.8  | 13.0  | 8.2   | 5.5   | 2.7   | 0.7   | 0.0   | 0.0   | 0.0   | 0.0   |
| 57.5° | 17.8  | 15.7  | 10.3  | 6.2   | 3.4   | 0.7   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 60°   | 15.1  | 13.0  | 8.2   | 4.8   | 1.4   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 62.5° | 12.3  | 11.0  | 6.2   | 2.7   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 65°   | 10.3  | 8.2   | 4.8   | 0.7   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 67.5° | 8.9   | 6.8   | 3.4   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 70°   | 6.8   | 4.8   | 2.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 72.5° | 4.8   | 3.4   | 0.7   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 75°   | 3.4   | 2.1   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 77.5° | 2.1   | 0.7   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 80°   | 0.7   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 82.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   |
| 85°   | 0.0   | 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   | 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: P677449  
 CATALOG NUMBER: CCW-SA-1B-760-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 185°  | 195°  | 205°  | 215°  | 225°  | 235°  | 245°  | 255°  | 265°   | 270°   | 275°   |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| 0°    | 970.5 | 970.5 | 970.5 | 970.5 | 970.5 | 970.5 | 970.5 | 970.5 | 970.5  | 970.5  | 970.5  |
| 2.5°  | 870.6 | 891.1 | 910.3 | 915.8 | 930.8 | 972.6 | 972.6 | 992.4 | 1028.0 | 1041.0 | 1043.8 |
| 5°    | 734.4 | 756.3 | 760.4 | 802.9 | 822.7 | 865.1 | 893.2 | 960.3 | 1000.7 | 1026.0 | 1041.7 |
| 7.5°  | 558.5 | 566.0 | 581.8 | 621.5 | 660.5 | 711.8 | 765.2 | 850.8 | 921.9  | 950.7  | 1004.1 |
| 10°   | 384.0 | 406.6 | 440.8 | 476.4 | 537.3 | 594.1 | 663.2 | 744.0 | 831.6  | 867.2  | 913.1  |
| 12.5° | 258.7 | 290.2 | 345.0 | 395.6 | 451.7 | 509.2 | 574.9 | 683.1 | 782.3  | 831.6  | 877.5  |
| 15°   | 151.3 | 189.6 | 236.8 | 319.0 | 393.6 | 457.9 | 523.6 | 633.1 | 753.6  | 817.2  | 873.4  |
| 17.5° | 76.7  | 88.3  | 127.3 | 198.5 | 297.0 | 402.5 | 500.3 | 640.0 | 775.5  | 853.5  | 900.0  |
| 20°   | 57.5  | 60.9  | 71.9  | 105.4 | 203.3 | 332.6 | 478.4 | 650.2 | 836.4  | 931.5  | 956.9  |
| 22.5° | 50.0  | 52.7  | 57.5  | 68.4  | 114.3 | 254.6 | 447.6 | 675.5 | 919.2  | 1008.9 | 1062.3 |
| 25°   | 42.4  | 45.2  | 49.3  | 56.1  | 73.2  | 173.2 | 410.0 | 702.2 | 993.1  | 1106.1 | 1156.0 |
| 27.5° | 37.0  | 39.0  | 43.1  | 48.6  | 59.5  | 110.2 | 345.0 | 737.8 | 1106.1 | 1223.8 | 1236.8 |
| 30°   | 31.5  | 33.5  | 37.0  | 43.1  | 50.6  | 78.0  | 253.2 | 742.6 | 1168.3 | 1275.1 | 1311.4 |
| 32.5° | 27.4  | 28.1  | 32.2  | 37.6  | 42.4  | 61.6  | 178.0 | 747.4 | 1214.2 | 1341.5 | 1349.0 |
| 35°   | 22.6  | 24.0  | 28.1  | 31.5  | 37.0  | 48.6  | 134.8 | 723.5 | 1273.8 | 1410.0 | 1407.9 |
| 37.5° | 18.5  | 20.5  | 23.3  | 26.0  | 30.1  | 41.1  | 107.5 | 679.0 | 1348.4 | 1516.0 | 1451.7 |
| 40°   | 14.4  | 16.4  | 19.2  | 22.6  | 25.3  | 37.0  | 80.8  | 611.9 | 1426.4 | 1568.1 | 1499.6 |
| 42.5° | 10.3  | 11.6  | 14.4  | 17.8  | 22.6  | 30.8  | 58.2  | 532.5 | 1457.2 | 1629.0 | 1557.1 |
| 45°   | 7.5   | 8.9   | 11.0  | 15.1  | 23.3  | 24.6  | 40.4  | 459.9 | 1490.0 | 1655.7 | 1544.1 |
| 47.5° | 4.1   | 5.5   | 8.2   | 13.0  | 20.5  | 18.5  | 28.7  | 394.9 | 1527.7 | 1679.6 | 1554.4 |
| 50°   | 1.4   | 2.1   | 4.8   | 13.7  | 16.4  | 14.4  | 22.6  | 360.0 | 1564.6 | 1684.4 | 1574.9 |
| 52.5° | 0.0   | 0.0   | 2.7   | 14.4  | 12.3  | 11.0  | 19.8  | 346.3 | 1555.1 | 1699.5 | 1561.9 |
| 55°   | 0.0   | 0.0   | 0.7   | 6.2   | 6.8   | 8.2   | 16.4  | 345.6 | 1622.8 | 1704.3 | 1633.1 |
| 57.5° | 0.0   | 0.0   | 0.0   | 2.1   | 4.1   | 6.8   | 14.4  | 323.7 | 1665.9 | 1823.4 | 1728.9 |
| 60°   | 0.0   | 0.0   | 0.0   | 0.7   | 2.7   | 4.8   | 11.0  | 304.6 | 1709.7 | 1876.8 | 1831.6 |
| 62.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.7   | 2.1   | 7.5   | 275.1 | 1621.5 | 1872.6 | 1930.8 |
| 65°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 4.8   | 217.7 | 1458.6 | 1774.8 | 1876.1 |
| 67.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 2.7   | 150.6 | 1277.2 | 1651.6 | 1775.5 |
| 70°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 91.0  | 1030.8 | 1448.3 | 1505.8 |
| 72.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 39.0  | 735.8  | 1149.9 | 1235.4 |
| 75°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 15.7  | 455.2  | 840.5  | 945.9  |
| 77.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 6.2   | 295.0  | 636.5  | 718.0  |
| 80°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 1.4   | 157.4  | 399.0  | 464.1  |
| 82.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 68.4   | 242.3  | 279.3  |
| 85°   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 21.9   | 147.2  | 167.7  |
| 87.5° | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0    | 22.6   | 30.1   |
| 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: P677449

CATALOG NUMBER: CCW-SA-1B-760-U-SLR-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 970.5  | 970.5  | 970.5  | 970.5  | 970.5  | 970.5  | 970.5  | 970.5  | 970.5  | 970.5  |
| 2.5°  | 1045.1 | 1065.0 | 1072.5 | 1060.9 | 1062.3 | 1038.3 | 1034.9 | 1001.3 | 987.7  | 990.4  |
| 5°    | 1093.1 | 1121.8 | 1137.5 | 1124.5 | 1095.1 | 1049.3 | 1007.5 | 967.8  | 943.2  | 930.8  |
| 7.5°  | 1082.1 | 1114.3 | 1134.1 | 1146.4 | 1112.9 | 1039.0 | 975.3  | 900.7  | 869.2  | 869.9  |
| 10°   | 1021.9 | 1089.0 | 1129.3 | 1113.6 | 1097.9 | 1023.9 | 925.4  | 844.6  | 816.5  | 819.3  |
| 12.5° | 973.3  | 1047.9 | 1071.8 | 1084.2 | 1052.0 | 993.1  | 926.7  | 834.3  | 802.9  | 783.7  |
| 15°   | 943.2  | 998.6  | 1000.0 | 1019.1 | 1006.1 | 1006.1 | 941.1  | 850.8  | 823.4  | 802.2  |
| 17.5° | 943.2  | 955.5  | 954.1  | 961.0  | 982.9  | 1008.9 | 977.4  | 917.2  | 863.1  | 859.7  |
| 20°   | 964.4  | 926.1  | 917.2  | 919.9  | 938.4  | 1015.7 | 1057.5 | 982.2  | 948.0  | 937.0  |
| 22.5° | 1013.7 | 929.5  | 875.4  | 865.8  | 922.6  | 1015.0 | 1108.8 | 1084.8 | 1025.3 | 1016.4 |
| 25°   | 1081.4 | 923.3  | 864.5  | 852.1  | 895.3  | 1039.7 | 1179.3 | 1184.1 | 1130.0 | 1111.5 |
| 27.5° | 1145.8 | 950.7  | 863.1  | 860.3  | 917.2  | 1034.2 | 1227.9 | 1263.5 | 1202.6 | 1187.5 |
| 30°   | 1167.7 | 978.1  | 888.4  | 852.1  | 925.4  | 1054.0 | 1226.5 | 1319.6 | 1279.9 | 1283.3 |
| 32.5° | 1193.7 | 1005.5 | 891.1  | 876.8  | 960.3  | 1086.2 | 1265.5 | 1410.0 | 1381.2 | 1340.8 |
| 35°   | 1232.0 | 1042.4 | 917.2  | 904.2  | 984.9  | 1115.0 | 1273.8 | 1476.4 | 1471.6 | 1424.3 |
| 37.5° | 1264.9 | 1078.7 | 971.2  | 973.3  | 1060.2 | 1161.5 | 1310.0 | 1557.8 | 1549.6 | 1517.4 |
| 40°   | 1288.1 | 1129.3 | 1055.4 | 1060.9 | 1125.9 | 1213.5 | 1374.4 | 1598.9 | 1659.8 | 1612.6 |
| 42.5° | 1291.5 | 1174.5 | 1151.9 | 1195.7 | 1256.6 | 1294.3 | 1400.4 | 1626.9 | 1714.5 | 1683.7 |
| 45°   | 1304.6 | 1246.4 | 1309.3 | 1341.5 | 1391.5 | 1365.5 | 1399.0 | 1674.8 | 1718.6 | 1702.9 |
| 47.5° | 1355.2 | 1377.1 | 1456.5 | 1554.4 | 1572.2 | 1486.6 | 1431.9 | 1682.4 | 1741.9 | 1739.9 |
| 50°   | 1407.9 | 1517.4 | 1629.0 | 1694.0 | 1716.6 | 1570.1 | 1462.7 | 1676.2 | 1772.7 | 1756.3 |
| 52.5° | 1466.8 | 1639.2 | 1800.1 | 1880.2 | 1867.9 | 1662.5 | 1497.6 | 1726.2 | 1829.5 | 1824.0 |
| 55°   | 1503.7 | 1694.0 | 1910.3 | 2021.9 | 2012.3 | 1765.9 | 1608.4 | 1798.0 | 1904.1 | 1890.4 |
| 57.5° | 1601.6 | 1783.0 | 2019.8 | 2071.8 | 2097.1 | 1901.4 | 1685.8 | 1915.8 | 1966.4 | 1981.5 |
| 60°   | 1682.4 | 1841.2 | 2048.5 | 2123.8 | 2132.7 | 1982.2 | 1821.3 | 2036.9 | 2045.8 | 1995.2 |
| 62.5° | 1800.8 | 1863.7 | 1987.6 | 2055.4 | 2101.2 | 2028.0 | 1943.1 | 2101.9 | 2044.4 | 2041.0 |
| 65°   | 1887.7 | 1789.8 | 1874.0 | 1911.7 | 1941.1 | 1958.2 | 2065.7 | 2146.4 | 2019.1 | 1952.7 |
| 67.5° | 1839.1 | 1650.2 | 1634.5 | 1636.5 | 1645.4 | 1748.8 | 2024.6 | 2037.6 | 1878.1 | 1823.4 |
| 70°   | 1618.7 | 1353.8 | 1332.6 | 1349.0 | 1304.6 | 1429.1 | 1858.3 | 1852.1 | 1657.0 | 1600.2 |
| 72.5° | 1309.3 | 987.0  | 950.7  | 973.3  | 983.5  | 1115.6 | 1563.3 | 1404.5 | 1208.7 | 1164.2 |
| 75°   | 1040.4 | 723.5  | 610.5  | 665.3  | 700.2  | 812.4  | 1221.1 | 954.1  | 843.9  | 783.7  |
| 77.5° | 817.2  | 547.6  | 475.0  | 453.1  | 485.3  | 590.7  | 888.4  | 501.0  | 442.2  | 414.1  |
| 80°   | 518.1  | 402.5  | 436.7  | 405.2  | 418.9  | 421.6  | 462.7  | 227.9  | 181.4  | 179.3  |
| 82.5° | 312.1  | 275.1  | 327.2  | 180.0  | 327.8  | 292.9  | 192.3  | 103.4  | 91.7   | 91.7   |
| 85°   | 221.1  | 170.4  | 112.9  | 73.2   | 145.8  | 160.8  | 74.6   | 53.4   | 46.5   | 45.2   |
| 87.5° | 110.9  | 52.7   | 25.3   | 16.4   | 18.5   | 30.1   | 8.9    | 4.1    | 4.1    | 3.4    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)