

Signify Classified - Internal  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P362320

Luminaire Tested: NVN-SA6B-750-U-SLR

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-2019  
Report Number: P362320  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: STREETWORKS  
Catalog Number: NVN-SA6B-750-U-SLR  
Description: NAVION ROADWAY AND AREA LUMINAIRE  
(6) 70 CRI, 5000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 30544 lumens  
Efficiency: N/A  
Efficacy: 122.7 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1.5' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B3 - U0 - G5

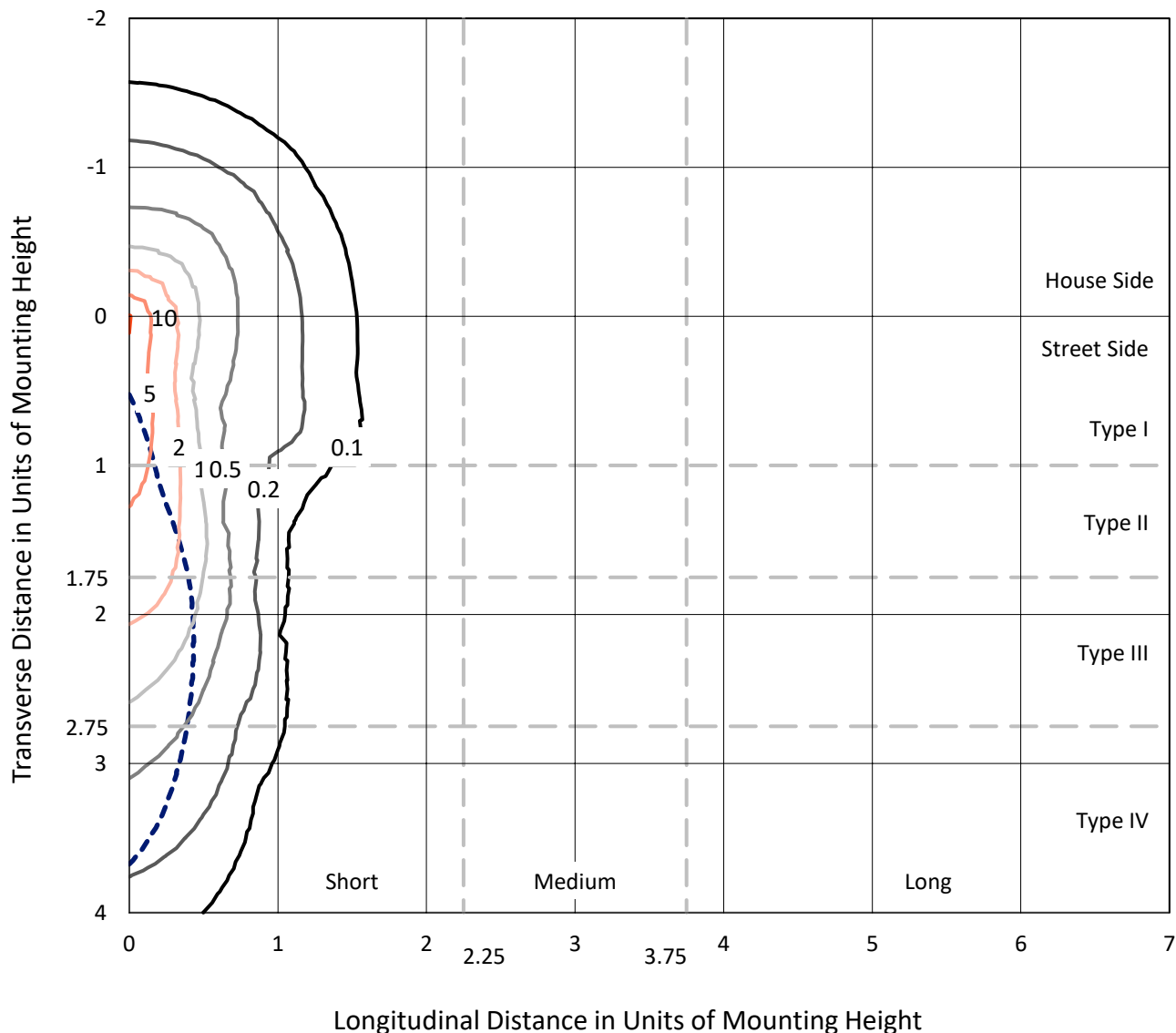
Input Watts (W): 249  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

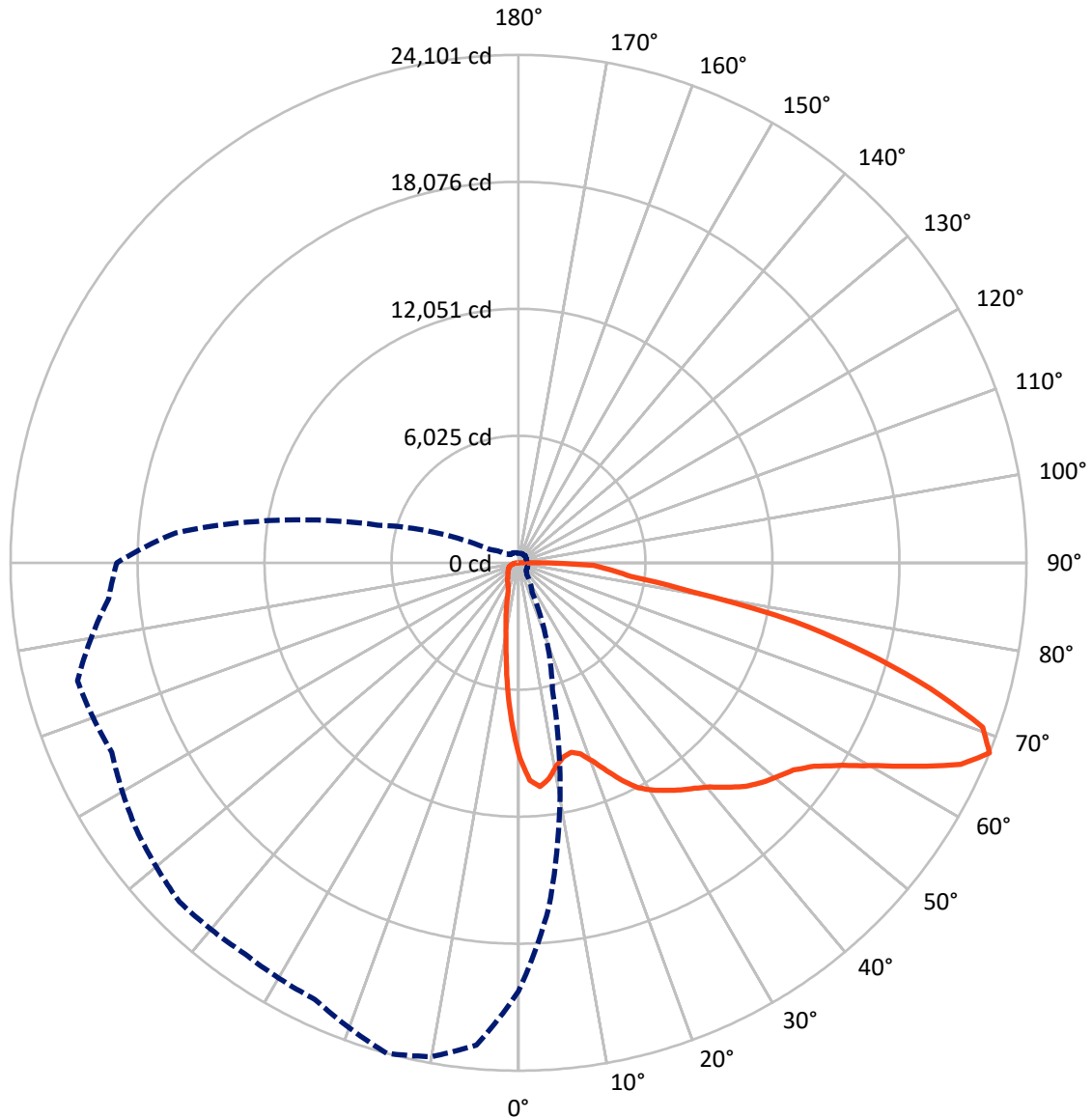
× Max cd  
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 10.3 fc  
 Type IV - Medium - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral    - - - Horizontal Cone Through 67.5-Deg Vertical

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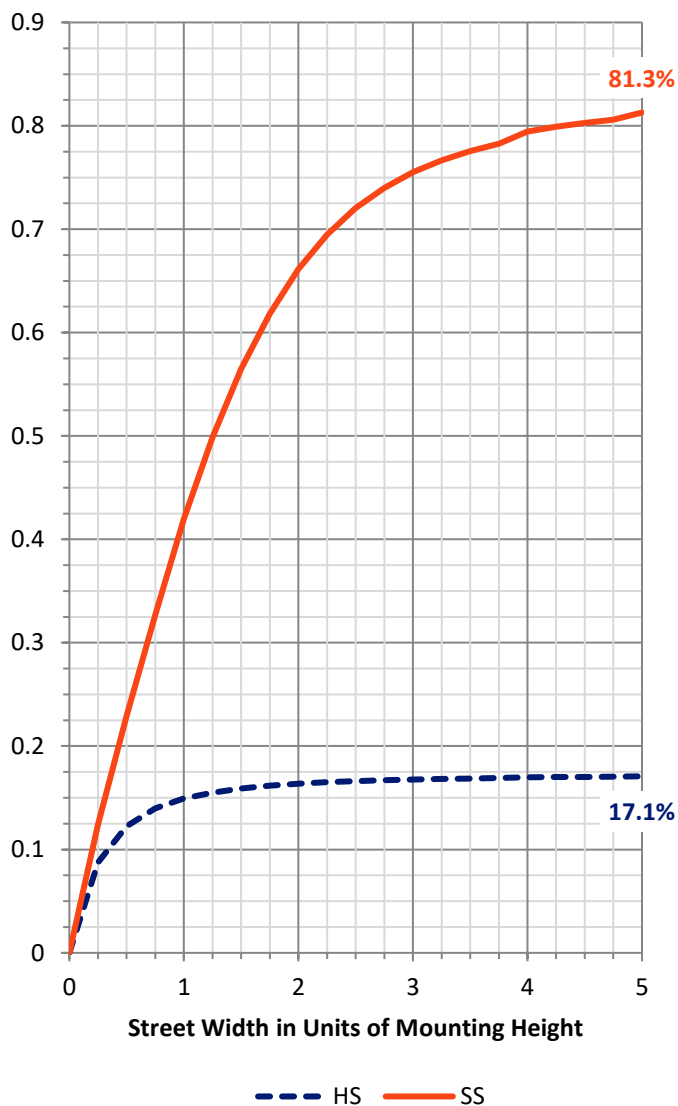
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 5280.4   | 0.0    | 5280.4  |
|                    | % Fixture | 17.3     | 0.0    | 17.3    |
| <b>Street Side</b> | Lumens    | 25263.6  | 0.0    | 25263.6 |
|                    | % Fixture | 82.7     | 0.0    | 82.7    |
| <b>Total</b>       | Lumens    | 30544.0  | 0.0    | 30544.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 718.2   | 2.4       |
| 10°-20°   | 1491.9  | 4.9       |
| 20°-30°   | 2121.8  | 6.9       |
| 30°-40°   | 3057.6  | 10.0      |
| 40°-50°   | 4309.0  | 14.1      |
| 50°-60°   | 5990.2  | 19.6      |
| 60°-70°   | 7244.0  | 23.7      |
| 70°-80°   | 4452.7  | 14.6      |
| 80°-90°   | 1158.6  | 3.8       |
| 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°    | 30544.0 | 100.0     |
| 0°-180°   | 30544.0 | 100.0     |

**Coefficient of Utilization**

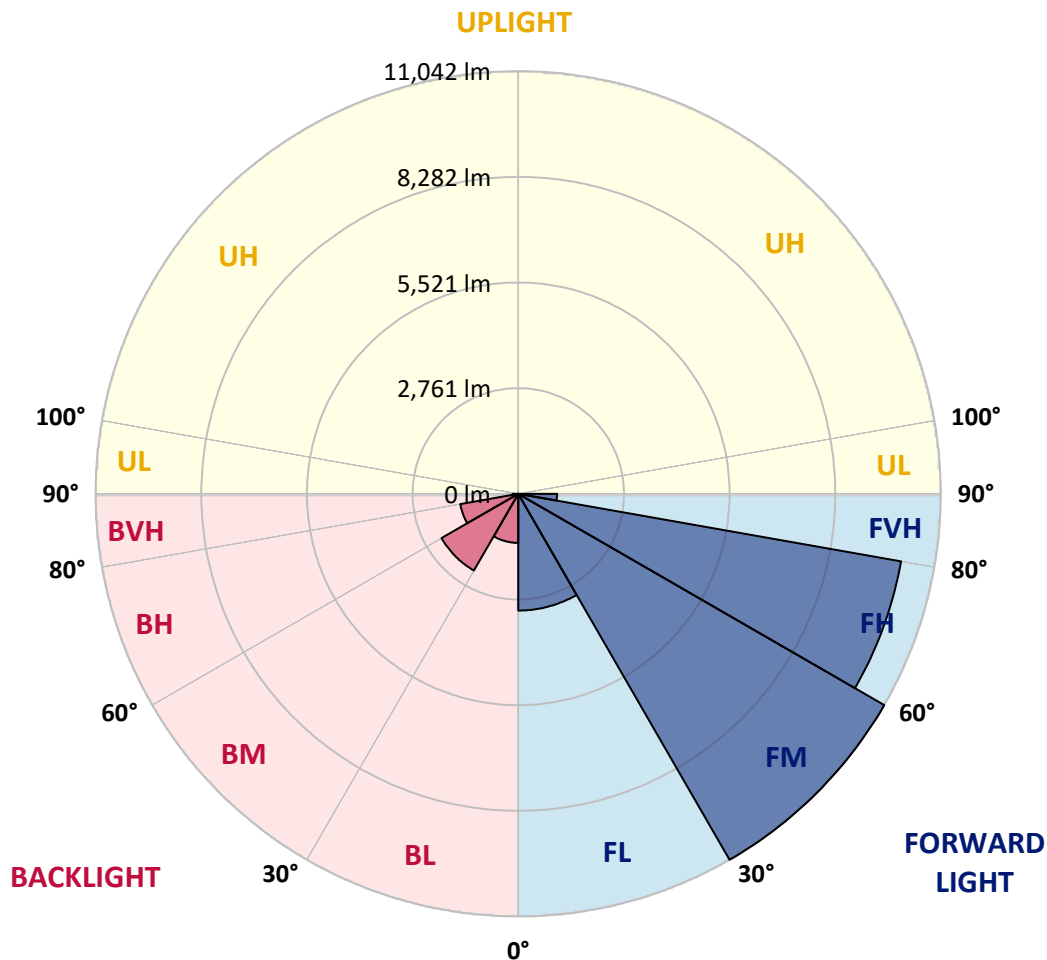


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |          |
|----------------|---------|-----------|-------------------------|------|----------|
|                |         |           | B                       | U    | G        |
| FL (0°-30°)    | 3049.9  | 10.0      |                         |      |          |
| FM (30°-60°)   | 11042.4 | 36.2      |                         |      |          |
| FH (60°-80°)   | 10157.9 | 33.3      |                         |      | G4/12000 |
| FVH (80°-90°)  | 1013.4  | 3.3       |                         |      | G5       |
| BL (0°-30°)    | 1282.0  | 4.2       | B3/2500                 |      |          |
| BM (30°-60°)   | 2314.3  | 7.6       | B2/2500                 |      |          |
| BH (60°-80°)   | 1538.8  | 5.0       | B3/2500                 |      | G3/2500  |
| BVH (80°-90°)  | 145.2   | 0.5       |                         |      | G2/225   |
| UL (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |          |
| UH (100°-180°) | 0.0     | 0.0       |                         | U0/0 |          |

**BUG Rating: B3-U0-G5**  
 Type IV Medium





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°      | 5°      | 10°     | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 9305.4  | 9305.4  | 9305.4  | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 |
| 2.5°   | 9968.5  | 9880.6  | 9747.5  | 9614.4 | 9515.5 | 9415.3 | 9301.8 | 9188.2 | 9058.8 | 8928.1 | 8851.2 |
| 5°     | 9803.7  | 9559.4  | 9241.9  | 8924.4 | 8714.4 | 8504.3 | 8266.2 | 8028.1 | 7792.4 | 7556.7 | 7429.7 |
| 7.5°   | 9061.2  | 8694.8  | 8282.1  | 7869.3 | 7564.0 | 7257.5 | 6927.8 | 6596.8 | 6303.8 | 6009.5 | 5827.5 |
| 10°    | 8330.9  | 7891.3  | 7417.5  | 6942.4 | 6551.7 | 6160.9 | 5829.9 | 5497.8 | 5276.7 | 5055.7 | 4888.4 |
| 12.5°  | 7807.0  | 7319.8  | 6798.3  | 6275.7 | 5884.9 | 5494.1 | 5284.1 | 5074.0 | 4890.9 | 4707.7 | 4514.7 |
| 15°    | 7599.4  | 7048.7  | 6515.0  | 5980.2 | 5624.8 | 5269.4 | 5036.2 | 4801.7 | 4556.2 | 4309.6 | 4072.7 |
| 17.5°  | 7782.6  | 7137.8  | 6557.8  | 5977.7 | 5512.4 | 5047.2 | 4721.1 | 4393.8 | 4070.2 | 3746.6 | 3471.8 |
| 20°    | 8354.1  | 7531.1  | 6772.7  | 6013.1 | 5394.0 | 4774.8 | 4337.7 | 3899.2 | 3484.0 | 3068.8 | 2757.4 |
| 22.5°  | 9156.5  | 8067.2  | 7076.8  | 6086.4 | 5286.5 | 4485.4 | 3937.1 | 3387.6 | 2896.7 | 2405.7 | 2100.4 |
| 25°    | 10131.0 | 8777.9  | 7515.2  | 6251.3 | 5242.6 | 4232.6 | 3558.5 | 2884.4 | 2366.7 | 1847.7 | 1630.3 |
| 27.5°  | 11158.0 | 9625.4  | 8059.8  | 6493.0 | 5249.9 | 4006.7 | 3239.8 | 2471.7 | 2005.2 | 1538.7 | 1389.7 |
| 30°    | 12014.0 | 10593.8 | 8694.8  | 6794.7 | 5278.0 | 3761.3 | 2939.4 | 2117.5 | 1732.9 | 1348.2 | 1251.7 |
| 32.5°  | 12796.8 | 11269.1 | 9173.6  | 7076.8 | 5309.7 | 3541.4 | 2707.4 | 1872.1 | 1558.2 | 1243.2 | 1163.8 |
| 35°    | 13605.2 | 11868.7 | 9508.2  | 7146.4 | 5254.8 | 3361.9 | 2548.6 | 1735.3 | 1445.9 | 1155.2 | 1088.1 |
| 37.5°  | 14495.5 | 12517.2 | 9830.6  | 7142.7 | 5162.0 | 3181.2 | 2425.3 | 1668.1 | 1372.6 | 1075.9 | 1027.0 |
| 40°    | 15488.3 | 13234.0 | 10179.8 | 7125.6 | 5077.7 | 3028.5 | 2333.7 | 1637.6 | 1332.3 | 1025.8 | 984.3  |
| 42.5°  | 16459.2 | 13917.9 | 10504.6 | 7091.4 | 5009.3 | 2926.0 | 2243.3 | 1560.7 | 1295.7 | 1029.5 | 970.8  |
| 45°    | 17188.2 | 14515.0 | 10786.7 | 7057.2 | 4958.0 | 2858.8 | 2172.5 | 1486.2 | 1261.5 | 1036.8 | 962.3  |
| 47.5°  | 17741.4 | 15114.6 | 11099.4 | 7082.9 | 4953.1 | 2823.4 | 2122.4 | 1421.5 | 1196.8 | 970.8  | 940.3  |
| 50°    | 18444.8 | 15835.1 | 11554.9 | 7274.6 | 5020.3 | 2766.0 | 2063.8 | 1360.4 | 1134.5 | 908.6  | 950.1  |
| 52.5°  | 19320.4 | 16863.4 | 12260.7 | 7656.8 | 5160.7 | 2664.6 | 1971.0 | 1277.4 | 1058.8 | 839.0  | 903.7  |
| 55°    | 20606.3 | 18181.0 | 13163.2 | 8144.1 | 5330.5 | 2515.6 | 1830.6 | 1144.3 | 958.6  | 771.8  | 829.2  |
| 57.5°  | 21760.3 | 19512.1 | 14029.0 | 8544.6 | 5436.7 | 2327.6 | 1653.5 | 979.4  | 846.3  | 713.2  | 746.1  |
| 60°    | 22274.4 | 20198.4 | 14434.4 | 8669.2 | 5373.2 | 2077.2 | 1454.4 | 830.4  | 747.4  | 664.3  | 658.2  |
| 62.5°  | 22074.2 | 19762.5 | 14035.1 | 8307.7 | 5063.0 | 1818.3 | 1278.6 | 738.8  | 676.5  | 613.0  | 599.6  |
| 65°    | 21488.0 | 18392.3 | 12916.5 | 7440.7 | 4539.2 | 1637.6 | 1167.5 | 697.3  | 627.7  | 558.1  | 543.4  |
| 67.5°  | 20332.8 | 16442.1 | 11331.4 | 6220.7 | 3873.6 | 1526.5 | 1104.0 | 681.4  | 597.2  | 511.7  | 494.6  |
| 70°    | 18259.2 | 14094.9 | 9505.7  | 4915.3 | 3187.3 | 1458.1 | 1062.4 | 666.8  | 564.2  | 460.4  | 444.5  |
| 72.5°  | 14997.4 | 11300.9 | 7590.9  | 3879.7 | 2664.6 | 1449.5 | 1057.5 | 665.5  | 537.3  | 409.1  | 394.4  |
| 75°    | 10737.9 | 8583.7  | 5794.5  | 3004.1 | 2182.3 | 1360.4 | 1003.8 | 647.2  | 500.7  | 352.9  | 339.5  |
| 77.5°  | 7225.8  | 5941.1  | 4027.5  | 2112.7 | 1619.3 | 1125.9 | 843.8  | 561.7  | 428.6  | 295.5  | 282.1  |
| 80°    | 4640.5  | 4111.7  | 2698.8  | 1285.9 | 1050.2 | 814.5  | 603.3  | 392.0  | 312.6  | 232.0  | 221.0  |
| 82.5°  | 3404.7  | 3060.3  | 1875.7  | 691.2  | 583.7  | 475.0  | 368.8  | 262.6  | 213.7  | 164.9  | 160.0  |
| 85°    | 2163.9  | 2386.2  | 1381.2  | 376.1  | 307.7  | 239.4  | 197.8  | 156.3  | 123.3  | 90.4   | 90.4   |
| 87.5°  | 420.1   | 581.3   | 382.2   | 182.0  | 133.1  | 84.3   | 72.1   | 58.6   | 33.0   | 6.1    | 7.3    |
| 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°  | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|        | 0°  | 5°  | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |





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**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 |
| 2.5°   | 8773.0 | 8688.7 | 8604.5 | 8509.2 | 8412.8 | 8323.6 | 8233.2 | 8134.3 | 8152.6 | 8076.9 | 8001.2 |
| 5°     | 7302.7 | 7168.4 | 7032.8 | 6915.6 | 6798.3 | 6697.0 | 6594.4 | 6502.8 | 6582.2 | 6528.5 | 6474.7 |
| 7.5°   | 5644.3 | 5478.2 | 5310.9 | 5170.5 | 5030.1 | 4921.4 | 4811.5 | 4735.8 | 4813.9 | 4804.1 | 4794.4 |
| 10°    | 4721.1 | 4559.9 | 4397.5 | 4242.4 | 4087.3 | 3955.4 | 3822.3 | 3710.0 | 3690.4 | 3634.3 | 3576.9 |
| 12.5°  | 4320.6 | 4099.5 | 3877.3 | 3714.8 | 3552.4 | 3394.9 | 3237.4 | 3105.5 | 3045.6 | 2952.8 | 2858.8 |
| 15°    | 3835.7 | 3574.4 | 3313.1 | 3128.7 | 2943.1 | 2790.4 | 2636.5 | 2523.0 | 2485.1 | 2413.1 | 2341.0 |
| 17.5°  | 3197.1 | 2911.3 | 2625.6 | 2438.7 | 2250.6 | 2128.5 | 2005.2 | 1929.5 | 1929.5 | 1908.7 | 1888.0 |
| 20°    | 2446.0 | 2190.8 | 1935.6 | 1792.7 | 1649.8 | 1585.1 | 1519.2 | 1487.4 | 1497.2 | 1498.4 | 1498.4 |
| 22.5°  | 1793.9 | 1637.6 | 1481.3 | 1423.9 | 1365.3 | 1342.1 | 1318.9 | 1305.4 | 1310.3 | 1311.6 | 1312.8 |
| 25°    | 1412.9 | 1353.1 | 1292.0 | 1262.7 | 1232.2 | 1217.5 | 1202.9 | 1198.0 | 1209.0 | 1210.2 | 1210.2 |
| 27.5°  | 1240.7 | 1204.1 | 1166.2 | 1147.9 | 1128.4 | 1122.3 | 1116.2 | 1107.6 | 1118.6 | 1118.6 | 1117.4 |
| 30°    | 1154.0 | 1114.9 | 1075.9 | 1052.7 | 1029.5 | 1031.9 | 1033.1 | 1030.7 | 1038.0 | 1042.9 | 1046.6 |
| 32.5°  | 1083.2 | 1045.3 | 1007.5 | 984.3  | 959.9  | 956.2  | 952.5  | 950.1  | 966.0  | 974.5  | 983.1  |
| 35°    | 1019.7 | 978.2  | 936.7  | 914.7  | 892.7  | 884.1  | 875.6  | 869.5  | 884.1  | 895.1  | 906.1  |
| 37.5°  | 976.9  | 934.2  | 890.2  | 869.5  | 847.5  | 836.5  | 825.5  | 818.2  | 824.3  | 829.2  | 834.1  |
| 40°    | 942.8  | 898.8  | 853.6  | 829.2  | 804.8  | 793.8  | 782.8  | 776.7  | 780.3  | 781.6  | 782.8  |
| 42.5°  | 911.0  | 868.3  | 825.5  | 798.7  | 770.6  | 757.1  | 743.7  | 736.4  | 738.8  | 741.3  | 742.5  |
| 45°    | 887.8  | 845.1  | 801.1  | 769.3  | 736.4  | 721.7  | 707.1  | 698.5  | 699.7  | 699.7  | 699.7  |
| 47.5°  | 909.8  | 847.5  | 784.0  | 747.4  | 709.5  | 692.4  | 675.3  | 666.8  | 664.3  | 661.9  | 659.4  |
| 50°    | 990.4  | 884.1  | 776.7  | 730.3  | 682.6  | 664.3  | 644.8  | 635.0  | 628.9  | 626.5  | 624.0  |
| 52.5°  | 967.2  | 875.6  | 782.8  | 722.9  | 661.9  | 639.9  | 617.9  | 602.0  | 595.9  | 592.3  | 588.6  |
| 55°    | 885.4  | 828.0  | 769.3  | 697.3  | 625.2  | 605.7  | 584.9  | 574.0  | 563.0  | 560.5  | 558.1  |
| 57.5°  | 777.9  | 754.7  | 731.5  | 658.2  | 584.9  | 566.6  | 547.1  | 539.8  | 530.0  | 530.0  | 528.8  |
| 60°    | 650.9  | 685.1  | 719.3  | 635.0  | 549.5  | 528.8  | 508.0  | 501.9  | 498.2  | 497.0  | 495.8  |
| 62.5°  | 584.9  | 641.1  | 696.1  | 606.9  | 516.6  | 494.6  | 472.6  | 465.3  | 464.1  | 465.3  | 465.3  |
| 65°    | 528.8  | 545.9  | 563.0  | 521.4  | 479.9  | 457.9  | 434.7  | 427.4  | 429.9  | 433.5  | 437.2  |
| 67.5°  | 477.5  | 473.8  | 470.2  | 455.5  | 439.6  | 421.3  | 401.8  | 394.4  | 395.7  | 400.5  | 405.4  |
| 70°    | 428.6  | 423.8  | 417.6  | 406.7  | 395.7  | 379.8  | 363.9  | 359.0  | 357.8  | 363.9  | 368.8  |
| 72.5°  | 379.8  | 373.7  | 366.4  | 357.8  | 348.0  | 334.6  | 321.2  | 317.5  | 318.7  | 322.4  | 326.1  |
| 75°    | 326.1  | 321.2  | 315.1  | 307.7  | 299.2  | 287.0  | 274.8  | 272.3  | 274.8  | 278.4  | 282.1  |
| 77.5°  | 267.4  | 266.2  | 263.8  | 257.7  | 251.6  | 238.1  | 223.5  | 222.3  | 225.9  | 229.6  | 232.0  |
| 80°    | 208.8  | 210.0  | 211.3  | 206.4  | 201.5  | 186.8  | 171.0  | 169.7  | 173.4  | 177.1  | 180.7  |
| 82.5°  | 153.9  | 157.5  | 160.0  | 153.9  | 147.8  | 130.7  | 113.6  | 111.1  | 123.3  | 127.0  | 130.7  |
| 85°    | 89.1   | 94.0   | 98.9   | 94.0   | 89.1   | 72.1   | 55.0   | 53.7   | 64.7   | 70.8   | 76.9   |
| 87.5°  | 7.3    | 9.8    | 12.2   | 11.0   | 9.8    | 4.9    | 0.0    | 0.0    | 1.2    | 6.1    | 11.0   |
| 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°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P362320  
 CATALOG NUMBER: NVN-SA6B-750-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 115°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 120°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 125°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 130°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 135°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 140°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 145°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 150°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 155°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 160°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 165°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 170°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 175°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |
| 180°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0  | 0.0  |



REPORT NUMBER: P362320  
 CATALOG NUMBER: NVN-SA6B-750-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 |
| 2.5°   | 7953.6 | 7906.0 | 7891.3 | 7876.7 | 7822.9 | 7768.0 | 7824.1 | 7879.1 | 7902.3 | 7925.5 | 7865.7 |
| 5°     | 6467.4 | 6458.9 | 6458.9 | 6457.6 | 6408.8 | 6358.7 | 6396.6 | 6433.2 | 6351.4 | 6269.6 | 6261.0 |
| 7.5°   | 4846.9 | 4899.4 | 4942.1 | 4983.7 | 4967.8 | 4951.9 | 4987.3 | 5022.7 | 4918.9 | 4813.9 | 4762.6 |
| 10°    | 3589.1 | 3600.1 | 3646.5 | 3692.9 | 3703.9 | 3713.6 | 3757.6 | 3800.3 | 3719.7 | 3639.1 | 3603.7 |
| 12.5°  | 2800.2 | 2741.6 | 2747.7 | 2752.6 | 2774.5 | 2795.3 | 2841.7 | 2886.9 | 2853.9 | 2819.7 | 2823.4 |
| 15°    | 2267.7 | 2193.3 | 2162.7 | 2131.0 | 2155.4 | 2179.8 | 2212.8 | 2244.5 | 2245.8 | 2245.8 | 2277.5 |
| 17.5°  | 1851.3 | 1813.5 | 1782.9 | 1751.2 | 1784.2 | 1815.9 | 1819.6 | 1823.2 | 1824.5 | 1825.7 | 1823.2 |
| 20°    | 1516.7 | 1535.0 | 1525.3 | 1515.5 | 1527.7 | 1538.7 | 1548.5 | 1557.0 | 1546.0 | 1533.8 | 1503.3 |
| 22.5°  | 1329.9 | 1345.7 | 1358.0 | 1369.0 | 1389.7 | 1409.2 | 1399.5 | 1388.5 | 1366.5 | 1343.3 | 1320.1 |
| 25°    | 1221.2 | 1232.2 | 1244.4 | 1256.6 | 1273.7 | 1289.6 | 1272.5 | 1255.4 | 1239.5 | 1223.6 | 1207.8 |
| 27.5°  | 1129.6 | 1140.6 | 1151.6 | 1161.3 | 1177.2 | 1191.9 | 1176.0 | 1160.1 | 1146.7 | 1133.3 | 1121.0 |
| 30°    | 1055.1 | 1062.4 | 1071.0 | 1079.5 | 1094.2 | 1107.6 | 1094.2 | 1079.5 | 1069.8 | 1058.8 | 1050.2 |
| 32.5°  | 991.6  | 998.9  | 1002.6 | 1006.3 | 1019.7 | 1033.1 | 1023.4 | 1013.6 | 1005.0 | 996.5  | 990.4  |
| 35°    | 922.0  | 936.7  | 939.1  | 941.5  | 955.0  | 968.4  | 962.3  | 955.0  | 945.2  | 935.4  | 924.4  |
| 37.5°  | 851.2  | 868.3  | 878.0  | 886.6  | 900.0  | 913.4  | 907.3  | 901.2  | 887.8  | 874.4  | 854.8  |
| 40°    | 791.3  | 798.7  | 817.0  | 834.1  | 856.1  | 876.8  | 864.6  | 851.2  | 830.4  | 809.6  | 799.9  |
| 42.5°  | 741.3  | 740.0  | 757.1  | 774.2  | 807.2  | 839.0  | 817.0  | 795.0  | 775.5  | 755.9  | 753.5  |
| 45°    | 697.3  | 693.6  | 702.2  | 710.7  | 746.1  | 780.3  | 758.4  | 735.2  | 724.2  | 713.2  | 713.2  |
| 47.5°  | 658.2  | 655.8  | 661.9  | 666.8  | 688.7  | 709.5  | 698.5  | 687.5  | 681.4  | 675.3  | 676.5  |
| 50°    | 622.8  | 620.4  | 626.5  | 631.4  | 639.9  | 647.2  | 649.7  | 650.9  | 647.2  | 643.6  | 646.0  |
| 52.5°  | 589.8  | 589.8  | 592.3  | 593.5  | 604.5  | 615.5  | 615.5  | 614.3  | 614.3  | 614.3  | 616.7  |
| 55°    | 561.7  | 564.2  | 564.2  | 564.2  | 581.3  | 597.2  | 592.3  | 587.4  | 588.6  | 588.6  | 591.1  |
| 57.5°  | 533.7  | 537.3  | 539.8  | 542.2  | 559.3  | 576.4  | 571.5  | 566.6  | 566.6  | 566.6  | 567.9  |
| 60°    | 501.9  | 506.8  | 511.7  | 516.6  | 533.7  | 550.8  | 545.9  | 539.8  | 541.0  | 542.2  | 543.4  |
| 62.5°  | 471.4  | 476.3  | 481.1  | 486.0  | 503.1  | 520.2  | 515.3  | 509.2  | 512.9  | 515.3  | 515.3  |
| 65°    | 442.1  | 445.7  | 450.6  | 455.5  | 471.4  | 487.3  | 482.4  | 477.5  | 482.4  | 486.0  | 488.5  |
| 67.5°  | 409.1  | 411.5  | 416.4  | 421.3  | 437.2  | 453.1  | 448.2  | 442.1  | 448.2  | 453.1  | 457.9  |
| 70°    | 371.2  | 373.7  | 379.8  | 384.7  | 400.5  | 416.4  | 410.3  | 404.2  | 410.3  | 416.4  | 421.3  |
| 72.5°  | 329.7  | 332.2  | 338.3  | 343.2  | 361.5  | 379.8  | 372.5  | 365.1  | 372.5  | 379.8  | 382.2  |
| 75°    | 284.5  | 287.0  | 294.3  | 300.4  | 318.7  | 337.0  | 330.9  | 323.6  | 329.7  | 335.8  | 337.0  |
| 77.5°  | 235.7  | 239.4  | 249.1  | 258.9  | 273.5  | 288.2  | 284.5  | 280.9  | 284.5  | 288.2  | 288.2  |
| 80°    | 184.4  | 188.1  | 200.3  | 211.3  | 219.8  | 228.4  | 229.6  | 230.8  | 232.0  | 233.2  | 232.0  |
| 82.5°  | 136.8  | 141.7  | 152.6  | 163.6  | 163.6  | 163.6  | 173.4  | 182.0  | 182.0  | 180.7  | 179.5  |
| 85°    | 84.3   | 90.4   | 100.1  | 109.9  | 103.8  | 97.7   | 113.6  | 128.2  | 128.2  | 127.0  | 124.6  |
| 87.5°  | 17.1   | 23.2   | 33.0   | 41.5   | 35.4   | 29.3   | 45.2   | 61.1   | 62.3   | 62.3   | 59.8   |
| 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°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P362320  
 CATALOG NUMBER: NVN-SA6B-750-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 180°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |



REPORT NUMBER: P362320  
 CATALOG NUMBER: NVN-SA6B-750-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 |
| 2.5°   | 7804.6 | 7899.9 | 7993.9 | 8018.3 | 8054.9 | 8070.8 | 8085.5 | 8205.2 | 8323.6 | 8462.8 | 8602.0 |
| 5°     | 6251.3 | 6322.1 | 6392.9 | 6403.9 | 6441.8 | 6461.3 | 6480.8 | 6626.2 | 6770.3 | 6964.4 | 7158.6 |
| 7.5°   | 4711.3 | 4728.4 | 4745.5 | 4743.1 | 4774.8 | 4817.6 | 4859.1 | 5014.2 | 5168.1 | 5376.9 | 5584.5 |
| 10°    | 3568.3 | 3607.4 | 3645.2 | 3680.7 | 3750.3 | 3830.9 | 3910.2 | 4069.0 | 4227.7 | 4434.1 | 4639.3 |
| 12.5°  | 2827.0 | 2872.2 | 2916.2 | 2955.3 | 3035.9 | 3143.3 | 3249.6 | 3440.1 | 3630.6 | 3877.3 | 4122.7 |
| 15°    | 2308.0 | 2304.4 | 2300.7 | 2327.6 | 2398.4 | 2515.6 | 2631.7 | 2833.2 | 3034.6 | 3305.8 | 3575.6 |
| 17.5°  | 1820.8 | 1802.5 | 1784.2 | 1804.9 | 1870.9 | 1967.3 | 2062.6 | 2233.6 | 2403.3 | 2665.9 | 2928.4 |
| 20°    | 1472.8 | 1460.5 | 1448.3 | 1467.9 | 1509.4 | 1549.7 | 1590.0 | 1713.3 | 1835.4 | 2049.2 | 2261.6 |
| 22.5°  | 1295.7 | 1294.5 | 1292.0 | 1303.0 | 1322.5 | 1343.3 | 1362.8 | 1422.7 | 1481.3 | 1619.3 | 1756.1 |
| 25°    | 1191.9 | 1190.7 | 1189.4 | 1194.3 | 1210.2 | 1226.1 | 1241.9 | 1281.0 | 1320.1 | 1386.0 | 1452.0 |
| 27.5°  | 1108.8 | 1106.4 | 1104.0 | 1105.2 | 1108.8 | 1133.3 | 1156.5 | 1174.8 | 1191.9 | 1237.1 | 1281.0 |
| 30°    | 1041.7 | 1040.5 | 1039.2 | 1039.2 | 1035.6 | 1044.1 | 1052.7 | 1080.8 | 1107.6 | 1154.0 | 1200.4 |
| 32.5°  | 984.3  | 978.2  | 972.1  | 958.6  | 950.1  | 962.3  | 974.5  | 1003.8 | 1033.1 | 1075.9 | 1118.6 |
| 35°    | 912.2  | 896.4  | 879.3  | 871.9  | 873.1  | 885.4  | 897.6  | 926.9  | 955.0  | 1001.4 | 1046.6 |
| 37.5°  | 834.1  | 829.2  | 823.1  | 821.9  | 825.5  | 837.7  | 849.9  | 875.6  | 900.0  | 946.4  | 991.6  |
| 40°    | 790.1  | 787.7  | 785.2  | 782.8  | 785.2  | 797.4  | 809.6  | 834.1  | 857.3  | 902.5  | 946.4  |
| 42.5°  | 751.0  | 749.8  | 748.6  | 748.6  | 749.8  | 763.2  | 776.7  | 801.1  | 824.3  | 864.6  | 904.9  |
| 45°    | 713.2  | 714.4  | 714.4  | 716.8  | 720.5  | 733.9  | 746.1  | 773.0  | 799.9  | 839.0  | 878.0  |
| 47.5°  | 677.8  | 681.4  | 683.9  | 690.0  | 693.6  | 708.3  | 721.7  | 751.0  | 780.3  | 829.2  | 876.8  |
| 50°    | 647.2  | 650.9  | 653.3  | 658.2  | 668.0  | 685.1  | 702.2  | 737.6  | 771.8  | 853.6  | 934.2  |
| 52.5°  | 619.1  | 622.8  | 626.5  | 631.4  | 643.6  | 663.1  | 682.6  | 726.6  | 769.3  | 864.6  | 959.9  |
| 55°    | 593.5  | 597.2  | 599.6  | 606.9  | 619.1  | 636.2  | 652.1  | 705.8  | 759.6  | 829.2  | 898.8  |
| 57.5°  | 569.1  | 572.7  | 575.2  | 580.1  | 586.2  | 604.5  | 621.6  | 679.0  | 736.4  | 785.2  | 832.8  |
| 60°    | 543.4  | 545.9  | 547.1  | 547.1  | 552.0  | 572.7  | 593.5  | 666.8  | 738.8  | 730.3  | 720.5  |
| 62.5°  | 515.3  | 517.8  | 519.0  | 515.3  | 521.4  | 543.4  | 565.4  | 660.7  | 755.9  | 697.3  | 638.7  |
| 65°    | 489.7  | 488.5  | 487.3  | 483.6  | 490.9  | 512.9  | 533.7  | 581.3  | 628.9  | 605.7  | 582.5  |
| 67.5°  | 461.6  | 457.9  | 454.3  | 449.4  | 456.7  | 476.3  | 494.6  | 510.5  | 526.3  | 528.8  | 531.2  |
| 70°    | 426.2  | 421.3  | 416.4  | 415.2  | 418.9  | 434.7  | 450.6  | 461.6  | 471.4  | 476.3  | 479.9  |
| 72.5°  | 384.7  | 381.0  | 377.3  | 374.9  | 376.1  | 389.6  | 401.8  | 411.5  | 421.3  | 425.0  | 427.4  |
| 75°    | 338.3  | 338.3  | 337.0  | 329.7  | 329.7  | 340.7  | 350.5  | 359.0  | 367.6  | 372.5  | 377.3  |
| 77.5°  | 288.2  | 289.4  | 289.4  | 279.7  | 278.4  | 289.4  | 299.2  | 306.5  | 312.6  | 317.5  | 321.2  |
| 80°    | 230.8  | 228.4  | 225.9  | 219.8  | 217.4  | 230.8  | 243.0  | 249.1  | 254.0  | 255.2  | 255.2  |
| 82.5°  | 177.1  | 172.2  | 166.1  | 152.6  | 153.9  | 168.5  | 182.0  | 186.8  | 191.7  | 191.7  | 191.7  |
| 85°    | 120.9  | 111.1  | 100.1  | 89.1   | 90.4   | 106.2  | 120.9  | 125.8  | 130.7  | 133.1  | 134.3  |
| 87.5°  | 57.4   | 47.6   | 36.6   | 28.1   | 28.1   | 41.5   | 53.7   | 56.2   | 58.6   | 63.5   | 68.4   |
| 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°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P362320  
 CATALOG NUMBER: NVN-SA6B-750-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 180°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |



REPORT NUMBER: P362320

CATALOG NUMBER: NVN-SA6B-750-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°    | 265°    | 270°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0°     | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4 | 9305.4  | 9305.4  | 9305.4  |
| 2.5°   | 8708.3 | 8813.3 | 8922.0 | 9030.7 | 9155.2 | 9279.8 | 9425.1 | 9569.2 | 9692.6  | 9815.9  | 9918.5  |
| 5°     | 7325.9 | 7493.2 | 7689.8 | 7886.4 | 8136.8 | 8387.1 | 8693.6 | 8998.9 | 9271.2  | 9543.6  | 9859.9  |
| 7.5°   | 5803.1 | 6020.4 | 6276.9 | 6533.3 | 6857.0 | 7180.6 | 7577.5 | 7974.3 | 8359.0  | 8742.5  | 9228.5  |
| 10°    | 4867.6 | 5096.0 | 5348.8 | 5600.4 | 5930.1 | 6258.6 | 6678.7 | 7097.5 | 7529.8  | 7960.9  | 8510.4  |
| 12.5°  | 4376.7 | 4629.5 | 4851.8 | 5074.0 | 5341.5 | 5607.7 | 6014.3 | 6421.0 | 6929.0  | 7435.8  | 7964.6  |
| 15°    | 3852.8 | 4128.8 | 4395.1 | 4661.3 | 4953.1 | 5243.8 | 5639.4 | 6035.1 | 6590.7  | 7146.4  | 7754.5  |
| 17.5°  | 3219.0 | 3509.7 | 3834.5 | 4158.1 | 4539.2 | 4918.9 | 5425.7 | 5932.5 | 6590.7  | 7247.7  | 7964.6  |
| 20°    | 2558.4 | 2855.1 | 3243.5 | 3631.8 | 4105.6 | 4578.2 | 5235.2 | 5892.2 | 6778.8  | 7664.2  | 8578.8  |
| 22.5°  | 2018.6 | 2280.0 | 2703.7 | 3126.2 | 3673.3 | 4220.4 | 5063.0 | 5904.4 | 7063.3  | 8221.0  | 9455.6  |
| 25°    | 1636.4 | 1820.8 | 2237.2 | 2652.4 | 3283.8 | 3915.1 | 4958.0 | 5999.7 | 7477.3  | 8953.7  | 10485.1 |
| 27.5°  | 1401.9 | 1522.8 | 1911.2 | 2298.3 | 2988.2 | 3677.0 | 4915.3 | 6152.3 | 8002.4  | 9852.5  | 11604.9 |
| 30°    | 1284.7 | 1369.0 | 1697.4 | 2024.7 | 2725.7 | 3426.6 | 4864.0 | 6301.3 | 8508.0  | 10713.5 | 12480.5 |
| 32.5°  | 1187.0 | 1254.2 | 1535.0 | 1814.7 | 2498.5 | 3182.4 | 4765.1 | 6346.5 | 8860.9  | 11375.4 | 13221.8 |
| 35°    | 1104.0 | 1160.1 | 1404.4 | 1648.6 | 2320.3 | 2991.9 | 4599.0 | 6206.1 | 9082.0  | 11957.9 | 13993.6 |
| 37.5°  | 1036.8 | 1080.8 | 1306.7 | 1532.6 | 2166.4 | 2800.2 | 4409.7 | 6019.2 | 9278.6  | 12537.9 | 14861.8 |
| 40°    | 984.3  | 1022.1 | 1233.4 | 1444.7 | 2019.8 | 2595.0 | 4247.3 | 5898.3 | 9549.7  | 13201.0 | 15779.0 |
| 42.5°  | 955.0  | 1003.8 | 1169.9 | 1334.8 | 1880.6 | 2426.5 | 4116.6 | 5806.7 | 9801.2  | 13794.5 | 16581.3 |
| 45°    | 947.6  | 1017.2 | 1136.9 | 1256.6 | 1776.8 | 2297.1 | 4000.6 | 5702.9 | 9963.7  | 14224.4 | 17185.8 |
| 47.5°  | 935.4  | 992.8  | 1111.3 | 1229.7 | 1725.5 | 2220.1 | 3938.3 | 5655.3 | 10126.1 | 14595.6 | 17687.7 |
| 50°    | 942.8  | 950.1  | 1090.5 | 1229.7 | 1718.2 | 2206.7 | 4009.2 | 5811.6 | 10477.8 | 15142.7 | 18261.6 |
| 52.5°  | 929.3  | 897.6  | 1051.4 | 1205.3 | 1717.0 | 2228.7 | 4213.1 | 6197.5 | 11131.1 | 16063.5 | 18883.2 |
| 55°    | 858.5  | 817.0  | 978.2  | 1139.4 | 1691.3 | 2242.1 | 4456.1 | 6668.9 | 12007.9 | 17345.7 | 20000.6 |
| 57.5°  | 796.2  | 758.4  | 895.1  | 1030.7 | 1613.2 | 2195.7 | 4706.5 | 7216.0 | 12934.8 | 18652.4 | 21259.6 |
| 60°    | 713.2  | 704.6  | 802.3  | 900.0  | 1492.3 | 2083.3 | 4912.8 | 7741.1 | 13557.6 | 19372.9 | 21744.4 |
| 62.5°  | 644.8  | 649.7  | 721.7  | 793.8  | 1340.9 | 1886.7 | 4981.2 | 8074.5 | 13540.5 | 19006.5 | 21256.0 |
| 65°    | 592.3  | 600.8  | 671.7  | 742.5  | 1211.4 | 1680.4 | 4756.5 | 7831.5 | 12855.4 | 17878.2 | 20290.0 |
| 67.5°  | 541.0  | 550.8  | 635.0  | 718.1  | 1096.6 | 1474.0 | 4194.8 | 6914.4 | 11623.3 | 16330.9 | 19061.5 |
| 70°    | 492.1  | 504.4  | 595.9  | 687.5  | 1013.6 | 1338.4 | 3470.6 | 5602.8 | 10080.9 | 14557.8 | 17638.8 |
| 72.5°  | 439.6  | 451.8  | 549.5  | 647.2  | 961.1  | 1273.7 | 2829.5 | 4384.1 | 8180.7  | 11976.2 | 15087.8 |
| 75°    | 385.9  | 394.4  | 500.7  | 605.7  | 889.0  | 1172.3 | 2220.1 | 3266.7 | 6261.0  | 9255.4  | 11396.1 |
| 77.5°  | 332.2  | 343.2  | 432.3  | 520.2  | 754.7  | 987.9  | 1673.0 | 2358.1 | 4594.1  | 6828.9  | 7925.5  |
| 80°    | 265.0  | 274.8  | 338.3  | 400.5  | 582.5  | 763.2  | 1150.4 | 1537.5 | 3161.7  | 4785.8  | 5403.8  |
| 82.5°  | 202.7  | 213.7  | 256.4  | 298.0  | 415.2  | 532.4  | 697.3  | 862.2  | 2100.4  | 3337.5  | 3388.8  |
| 85°    | 139.2  | 142.9  | 173.4  | 202.7  | 256.4  | 310.2  | 399.3  | 488.5  | 1389.7  | 2290.9  | 1908.7  |
| 87.5°  | 69.6   | 69.6   | 90.4   | 111.1  | 138.0  | 164.9  | 211.3  | 256.4  | 444.5   | 632.6   | 363.9   |
| 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°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P362320  
 CATALOG NUMBER: NVN-SA6B-750-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 180°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |





REPORT NUMBER: P362320

CATALOG NUMBER: NVN-SA6B-750-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 275°    | 280°    | 285°    | 290°    | 295°    | 300°    | 305°    | 310°    | 315°    | 320°    | 325°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 9305.4  | 9305.4  | 9305.4  | 9305.4  | 9305.4  | 9305.4  | 9305.4  | 9305.4  | 9305.4  | 9305.4  | 9305.4  |
| 2.5°   | 10049.1 | 10138.3 | 10228.7 | 10297.0 | 10366.7 | 10466.8 | 10566.9 | 10585.2 | 10604.8 | 10565.7 | 10526.6 |
| 5°     | 10178.6 | 10448.5 | 10719.6 | 10969.9 | 11220.3 | 11370.5 | 11520.7 | 11551.2 | 11581.7 | 11487.7 | 11392.4 |
| 7.5°   | 9698.7  | 10168.8 | 10639.0 | 11070.1 | 11501.1 | 11762.5 | 12025.0 | 12083.6 | 12143.5 | 11989.6 | 11835.7 |
| 10°    | 9057.5  | 9635.2  | 10212.8 | 10780.6 | 11348.5 | 11728.3 | 12108.1 | 12183.8 | 12259.5 | 12067.8 | 11876.0 |
| 12.5°  | 8561.7  | 9178.4  | 9795.1  | 10393.5 | 10993.1 | 11386.3 | 11779.6 | 11873.6 | 11967.6 | 11828.4 | 11688.0 |
| 15°    | 8409.1  | 8989.2  | 9569.2  | 10090.7 | 10613.3 | 10934.5 | 11256.9 | 11294.8 | 11333.8 | 11311.9 | 11289.9 |
| 17.5°  | 8686.3  | 9210.2  | 9735.3  | 10018.6 | 10303.2 | 10431.4 | 10560.8 | 10602.3 | 10645.1 | 10700.0 | 10756.2 |
| 20°    | 9358.0  | 9726.8  | 10096.8 | 10084.6 | 10071.1 | 10008.8 | 9945.3  | 9934.4  | 9923.4  | 10080.9 | 10239.6 |
| 22.5°  | 10360.5 | 10507.1 | 10654.9 | 10311.7 | 9968.5  | 9759.7  | 9549.7  | 9508.2  | 9465.4  | 9632.7  | 9801.2  |
| 25°    | 11448.6 | 11421.8 | 11393.7 | 10740.3 | 10085.8 | 9687.7  | 9289.6  | 9243.2  | 9196.8  | 9339.6  | 9483.7  |
| 27.5°  | 12525.7 | 12349.9 | 12174.0 | 11286.2 | 10398.4 | 9820.8  | 9243.2  | 9196.8  | 9150.4  | 9277.4  | 9404.4  |
| 30°    | 13315.8 | 13033.7 | 12751.6 | 11746.6 | 10741.6 | 10055.2 | 9368.9  | 9293.2  | 9216.3  | 9372.6  | 9528.9  |
| 32.5°  | 13932.5 | 13553.9 | 13175.4 | 12120.3 | 11065.2 | 10322.7 | 9580.2  | 9461.8  | 9343.3  | 9552.1  | 9760.9  |
| 35°    | 14548.0 | 14015.6 | 13481.9 | 12453.7 | 11424.2 | 10639.0 | 9852.5  | 9707.2  | 9561.9  | 9848.9  | 10135.8 |
| 37.5°  | 15322.2 | 14557.8 | 13792.1 | 12828.6 | 11865.0 | 11112.8 | 10359.3 | 10210.3 | 10061.4 | 10426.5 | 10792.8 |
| 40°    | 16162.4 | 15142.7 | 14123.0 | 13238.9 | 12354.7 | 11768.6 | 11181.2 | 11039.5 | 10896.6 | 11341.2 | 11785.7 |
| 42.5°  | 16860.9 | 15687.4 | 14513.8 | 13733.5 | 12951.9 | 12539.1 | 12125.2 | 12123.9 | 12121.5 | 12572.1 | 13022.7 |
| 45°    | 17428.8 | 16141.6 | 14853.3 | 14215.8 | 13577.2 | 13362.2 | 13147.3 | 13319.5 | 13491.7 | 13898.3 | 14306.2 |
| 47.5°  | 17852.5 | 16522.7 | 15191.6 | 14767.8 | 14344.1 | 14375.8 | 14407.6 | 14758.0 | 15108.5 | 15369.9 | 15632.4 |
| 50°    | 18128.5 | 16868.2 | 15606.8 | 15476.1 | 15345.4 | 15630.0 | 15915.7 | 16317.5 | 16720.5 | 16898.8 | 17077.1 |
| 52.5°  | 18530.3 | 17337.2 | 16142.9 | 16289.4 | 16435.9 | 17017.2 | 17598.5 | 18005.2 | 18411.8 | 18477.8 | 18544.9 |
| 55°    | 19459.6 | 18199.3 | 16937.9 | 17218.7 | 17500.8 | 18353.2 | 19206.8 | 19524.3 | 19841.8 | 19866.3 | 19890.7 |
| 57.5°  | 20779.7 | 19407.1 | 18034.5 | 18337.3 | 18640.2 | 19624.5 | 20610.0 | 20951.9 | 21295.1 | 21247.4 | 21198.6 |
| 60°    | 21767.6 | 20553.8 | 19338.7 | 19644.0 | 19949.3 | 20909.2 | 21869.0 | 22262.2 | 22656.7 | 22551.7 | 22446.6 |
| 62.5°  | 21828.7 | 21180.3 | 20530.6 | 20806.6 | 21083.8 | 22024.1 | 22964.4 | 23368.6 | 23772.8 | 23589.7 | 23406.5 |
| 65°    | 20857.9 | 21148.5 | 21439.2 | 21530.7 | 21622.3 | 22499.1 | 23377.2 | 23686.1 | 23996.3 | 23903.5 | 23810.7 |
| 67.5°  | 19520.7 | 20591.6 | 21663.8 | 21479.4 | 21295.1 | 21706.6 | 22118.1 | 22436.9 | 22755.6 | 22703.1 | 22649.3 |
| 70°    | 18185.9 | 19615.9 | 21045.9 | 20139.8 | 19232.5 | 19062.7 | 18893.0 | 19236.1 | 19580.5 | 19368.0 | 19154.3 |
| 72.5°  | 15913.3 | 17437.3 | 18962.6 | 17293.2 | 15623.9 | 15043.8 | 14463.7 | 14899.7 | 15335.7 | 14997.4 | 14657.9 |
| 75°    | 12491.5 | 14175.5 | 15860.8 | 13869.0 | 11877.3 | 11103.0 | 10328.8 | 10703.7 | 11078.6 | 10846.6 | 10613.3 |
| 77.5°  | 9299.3  | 10958.9 | 12618.5 | 10593.8 | 8567.8  | 7992.7  | 7416.3  | 7527.4  | 7639.7  | 7600.7  | 7560.4  |
| 80°    | 6307.4  | 7463.9  | 8621.6  | 7273.4  | 5925.2  | 5969.2  | 6014.3  | 5961.8  | 5908.1  | 5986.3  | 6064.4  |
| 82.5°  | 4025.0  | 4917.7  | 5811.6  | 5096.0  | 4380.4  | 4790.7  | 5201.0  | 4999.5  | 4796.8  | 4871.3  | 4947.0  |
| 85°    | 2297.1  | 3170.2  | 4044.6  | 3769.8  | 3493.8  | 3733.2  | 3973.7  | 3661.1  | 3348.5  | 3485.3  | 3623.3  |
| 87.5°  | 605.7   | 1753.6  | 2902.8  | 2635.3  | 2367.9  | 2057.7  | 1747.5  | 1333.5  | 919.6   | 1343.3  | 1767.1  |
| 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°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P362320  
 CATALOG NUMBER: NVN-SA6B-750-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 180°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |



REPORT NUMBER: P362320

CATALOG NUMBER: NVN-SA6B-750-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 330°    | 335°    | 340°    | 345°    | 350°    | 355°    | 360°    |
|--------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 9305.4  | 9305.4  | 9305.4  | 9305.4  | 9305.4  | 9305.4  | 9305.4  |
| 2.5°   | 10505.9 | 10485.1 | 10410.6 | 10334.9 | 10222.6 | 10129.7 | 9968.5  |
| 5°     | 11260.6 | 11128.7 | 10901.5 | 10673.2 | 10419.2 | 10127.3 | 9803.7  |
| 7.5°   | 11528.0 | 11219.0 | 10783.1 | 10345.9 | 9952.7  | 9491.1  | 9061.2  |
| 10°    | 11414.4 | 10951.6 | 10385.0 | 9817.1  | 9339.6  | 8808.4  | 8330.9  |
| 12.5°  | 11197.1 | 10704.9 | 10080.9 | 9455.6  | 8912.2  | 8341.9  | 7807.0  |
| 15°    | 10897.9 | 10504.6 | 9919.7  | 9334.7  | 8787.7  | 8233.2  | 7599.4  |
| 17.5°  | 10570.6 | 10383.7 | 9961.2  | 9537.5  | 9063.6  | 8526.3  | 7782.6  |
| 20°    | 10306.8 | 10375.2 | 10206.7 | 10038.2 | 9658.4  | 9189.4  | 8354.1  |
| 22.5°  | 10128.5 | 10457.0 | 10586.5 | 10717.1 | 10488.8 | 10122.4 | 9156.5  |
| 25°    | 10028.4 | 10573.0 | 11006.6 | 11441.3 | 11339.9 | 11057.8 | 10131.0 |
| 27.5°  | 10072.3 | 10740.3 | 11413.2 | 12087.3 | 12181.3 | 12103.2 | 11158.0 |
| 30°    | 10204.2 | 10880.8 | 11700.2 | 12520.8 | 12895.7 | 13000.8 | 12014.0 |
| 32.5°  | 10424.0 | 11087.2 | 11979.8 | 12873.7 | 13440.4 | 13775.0 | 12796.8 |
| 35°    | 10756.2 | 11376.6 | 12307.1 | 13237.7 | 13970.4 | 14581.0 | 13605.2 |
| 37.5°  | 11326.5 | 11860.2 | 12718.7 | 13578.4 | 14528.5 | 15445.6 | 14495.5 |
| 40°    | 12161.8 | 12539.1 | 13264.5 | 13991.1 | 15186.7 | 16425.0 | 15488.3 |
| 42.5°  | 13215.7 | 13409.8 | 13985.0 | 14560.2 | 15874.2 | 17314.0 | 16459.2 |
| 45°    | 14357.5 | 14408.8 | 14770.3 | 15132.9 | 16418.9 | 17919.7 | 17188.2 |
| 47.5°  | 15456.6 | 15280.7 | 15424.8 | 15568.9 | 16836.5 | 18352.0 | 17741.4 |
| 50°    | 16587.4 | 16097.7 | 16022.0 | 15946.3 | 17254.1 | 18861.2 | 18444.8 |
| 52.5°  | 17737.7 | 16930.5 | 16631.3 | 16330.9 | 17752.4 | 19536.5 | 19320.4 |
| 55°    | 18863.7 | 17836.7 | 17433.7 | 17030.7 | 18514.4 | 20360.8 | 20606.3 |
| 57.5°  | 20034.8 | 18871.0 | 18497.3 | 18123.6 | 19634.2 | 21405.0 | 21760.3 |
| 60°    | 21295.1 | 20142.3 | 19843.1 | 19542.6 | 21026.4 | 22533.3 | 22274.4 |
| 62.5°  | 22490.6 | 21574.7 | 21417.2 | 21258.4 | 22434.4 | 23400.4 | 22074.2 |
| 65°    | 23289.2 | 22766.6 | 22913.1 | 23060.9 | 23499.3 | 23616.5 | 21488.0 |
| 67.5°  | 22755.6 | 22861.8 | 23481.0 | 24101.3 | 23799.7 | 22974.2 | 20332.8 |
| 70°    | 19790.5 | 20428.0 | 21894.7 | 23362.5 | 22693.3 | 21253.5 | 18259.2 |
| 72.5°  | 15373.5 | 16090.4 | 18267.7 | 20446.3 | 19829.6 | 18066.2 | 14997.4 |
| 75°    | 11421.8 | 12231.4 | 14634.7 | 17038.0 | 16181.9 | 13513.6 | 10737.9 |
| 77.5°  | 8102.6  | 8644.8  | 11017.5 | 13391.5 | 11995.7 | 8995.3  | 7225.8  |
| 80°    | 5898.3  | 5732.2  | 7054.8  | 8377.3  | 8145.3  | 5949.6  | 4640.5  |
| 82.5°  | 4541.6  | 4136.2  | 4759.0  | 5381.8  | 5347.6  | 4128.8  | 3404.7  |
| 85°    | 3460.8  | 3298.4  | 3849.2  | 4399.9  | 3928.6  | 2796.5  | 2163.9  |
| 87.5°  | 2017.4  | 2269.0  | 2917.4  | 3567.1  | 2676.8  | 848.7   | 420.1   |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P362320  
 CATALOG NUMBER: NVN-SA6B-750-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|------|------|------|------|------|------|------|
| 112.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 115°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 117.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 120°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 122.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 125°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 127.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 130°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 132.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 135°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 137.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 140°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 142.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 177.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 180°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |

Signify Classified - Internal  
Cooper Lighting Solutions Photometric Lab  
1121 Highway 74 South  
Peachtree City, GA 30269



LM-79-2008: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGRAW-EDISON

Report Number: SP1-1908-441-4-R4

Test Date: 10/02/2019

Luminaire Tested: SA1C-750-U-5WQ

Data in this report applies to families of products SA1C-760-U-5WQ .

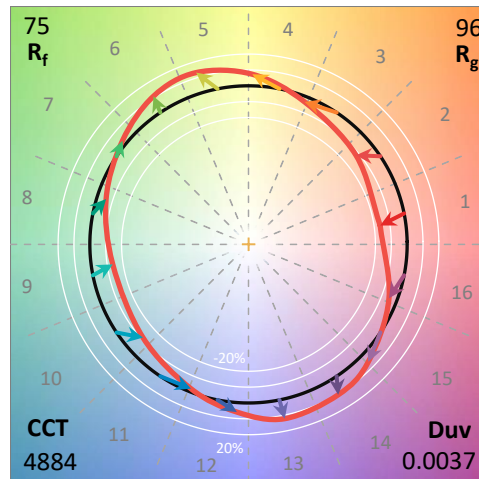
**Test Information**

Test Method: LM-79-2008  
 Report Number: SP1-1908-441-4-R4  
 Test Lab: COOPER LIGHTING SOLUTIONS  
 Photometer: SP1 - 76IN SPHERE  
 Measurement Geometry: 4π  
 Issue Date: 10/28/2024  
 Manufacturer: COOPER LIGHTING SOLUTIONS  
 Product Line: McGRAW-EDISON  
 Catalog Number: **SA1C-750-U-5WQ**  
 Description: McGRAW EDISON ROADWAY AND AREA LUMINAIRE

\*\*\*THIS IS A REVISION OF SP1-1908-441-4-R3. TO UPDATE THE CATALOG INFORMATION.\*\*\*TESTED IN SITU. ROADWAY AND AREA LUMINAIRE. (1) 70 CRI, 5000K, 1050MA LIGHTSQUARE WITH 16 LEDS AND TYPE V WIDE OPTICS.

**Spectral Parameters**

|                           |        |           |      |      |       |
|---------------------------|--------|-----------|------|------|-------|
| CCT (K):                  | 4884   | CRI (Ra): | 73.5 | R9:  | -28.4 |
| CIE u':                   | 0.2101 | R1:       | 70.5 | R10: | 48.6  |
| CIE v':                   | 0.4904 | R2:       | 77.7 | R11: | 73.2  |
| Duv:                      | 0.0037 | R3:       | 84.6 | R12: | 50.7  |
| CIE x:                    | 0.3493 | R4:       | 74.7 | R13: | 71.2  |
| CIE y:                    | 0.3624 | R5:       | 71.9 | R14: | 91.4  |
| CIE z:                    | 0.2884 | R6:       | 70.7 |      |       |
| Peak Wavelength (nm):     | 444    | R7:       | 81.2 |      |       |
| Dominant Wavelength (nm): | 571    | R8:       | 56.9 |      |       |
| Purity:                   | 13.7   |           |      |      |       |
| Rf:                       | 74.9   |           |      |      |       |
| Rg:                       | 96.3   |           |      |      |       |



**Test Conditions**

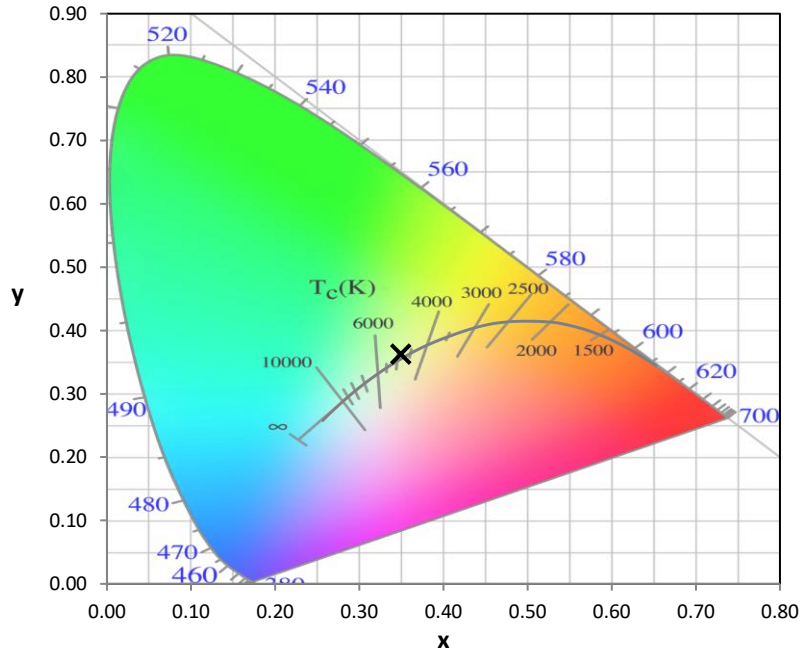
Stabilization Time: 240M  
 Operation Time: 12H  
 Room Temperature (°C) / RH%: 25.0./44%  
 Sphere Temperature (°C): 25.7

REPORT NUMBER: SP1-1908-441-4-R4

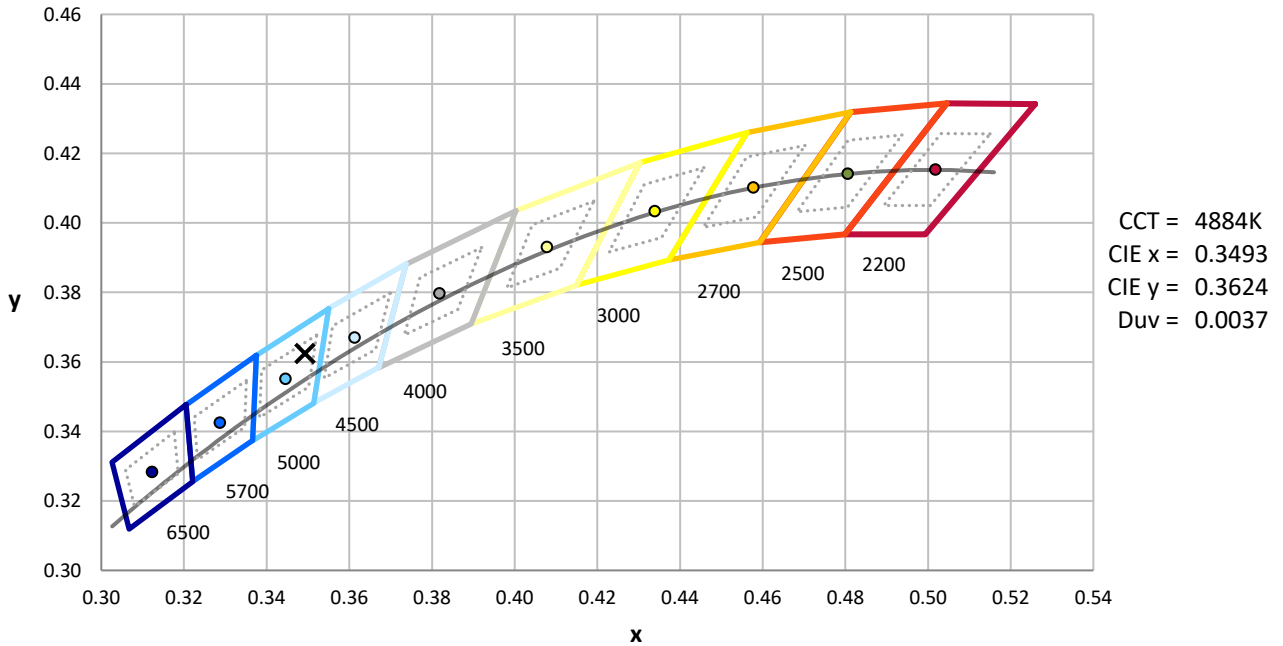
| Measurement and Test Equipment |                       |                  |                      |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument                     | Identification Number | Calibration Date | Calibration Due Date |
| Photometer                     | IN0058                | 6/28/2019        | 12/28/2019           |
| Power Meter                    | IN0071                | 12/5/2018        | 12/5/2019            |
| AC Power Source                | IN0063                | 12/5/2018        | 12/5/2019            |
| DC Power Source                | IN0208                | 12/5/2018        | 12/5/2019            |
| Sphere Thermometer             | IN0085                | 12/5/2018        | 12/5/2019            |
| Room Thermometer               | IN0046                | 12/5/2018        | 12/5/2019            |

REPORT NUMBER: SP1-1908-441-4-R4

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

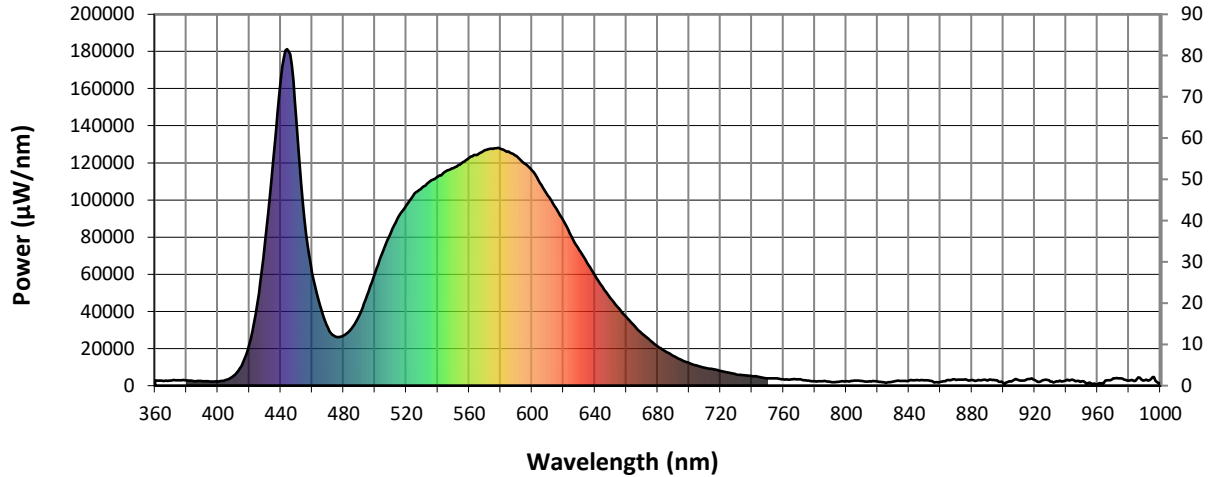


Point lies inside the ANSI 5000K 4-step quadrangle



REPORT NUMBER: SP1-1908-441-4-R4

**Photopic Flux vs. Wavelength**

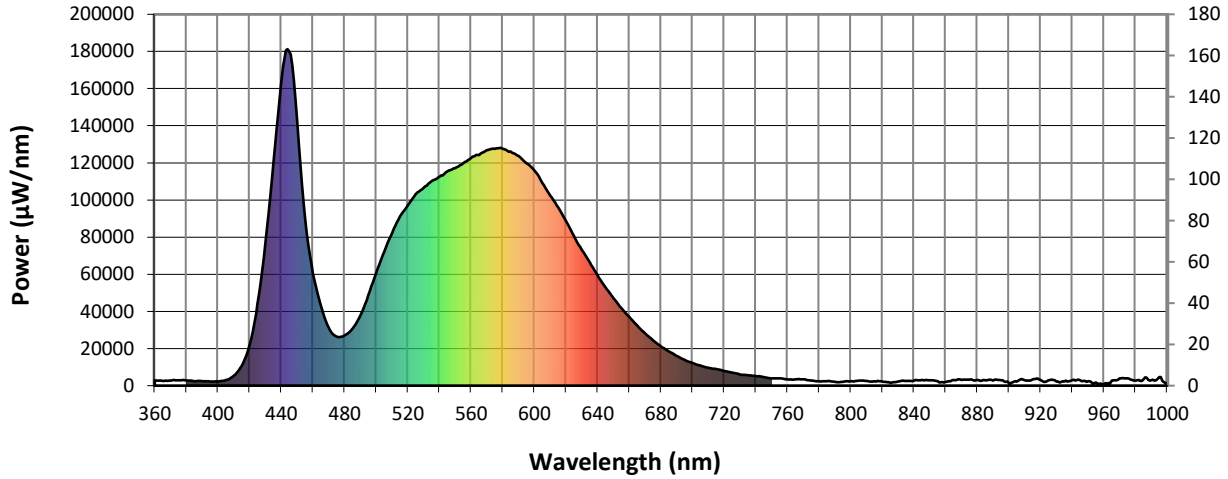


#####

| λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) |
|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|
| 360    | 2945          | NR            | 490    | 37941         | NR            | 620    | 88803         | NR            | 750    | 3908          | NR            | 880    | 2997          | NR            |
| 365    | 2596          | NR            | 495    | 48525         | NR            | 625    | 80578         | NR            | 755    | 3988          | NR            | 885    | 2927          | NR            |
| 370    | 2732          | NR            | 500    | 60609         | NR            | 630    | 73127         | NR            | 760    | 3335          | NR            | 890    | 2649          | NR            |
| 375    | 2894          | NR            | 505    | 72036         | NR            | 635    | 66244         | NR            | 765    | 3438          | NR            | 895    | 2828          | NR            |
| 380    | 2822          | NR            | 510    | 82168         | NR            | 640    | 59440         | NR            | 770    | 3427          | NR            | 900    | 1407          | NR            |
| 385    | 2394          | NR            | 515    | 90898         | NR            | 645    | 52864         | NR            | 775    | 2759          | NR            | 905    | 2224          | NR            |
| 390    | 2370          | NR            | 520    | 97142         | NR            | 650    | 47085         | NR            | 780    | 2340          | NR            | 910    | 2905          | NR            |
| 395    | 2267          | NR            | 525    | 103255        | NR            | 655    | 41789         | NR            | 785    | 2412          | NR            | 915    | 3350          | NR            |
| 400    | 2262          | NR            | 530    | 106697        | NR            | 660    | 37064         | NR            | 790    | 1999          | NR            | 920    | 3114          | NR            |
| 405    | 3000          | NR            | 535    | 110081        | NR            | 665    | 32299         | NR            | 795    | 2054          | NR            | 925    | 2834          | NR            |
| 410    | 5324          | NR            | 540    | 112494        | NR            | 670    | 28142         | NR            | 800    | 2331          | NR            | 930    | 2271          | NR            |
| 415    | 10725         | NR            | 545    | 115513        | NR            | 675    | 24505         | NR            | 805    | 2648          | NR            | 935    | 2228          | NR            |
| 420    | 22128         | NR            | 550    | 117203        | NR            | 680    | 21162         | NR            | 810    | 2485          | NR            | 940    | 2833          | NR            |
| 425    | 44095         | NR            | 555    | 119753        | NR            | 685    | 18400         | NR            | 815    | 2409          | NR            | 945    | 2941          | NR            |
| 430    | 77002         | NR            | 560    | 122602        | NR            | 690    | 16065         | NR            | 820    | 2221          | NR            | 950    | 2323          | NR            |
| 435    | 119881        | NR            | 565    | 124314        | NR            | 695    | 13860         | NR            | 825    | 1562          | NR            | 955    | 1667          | NR            |
| 440    | 164454        | NR            | 570    | 126775        | NR            | 700    | 12177         | NR            | 830    | 2249          | NR            | 960    | 749           | NR            |
| 445    | 179997        | NR            | 575    | 127511        | NR            | 705    | 10757         | NR            | 835    | 2573          | NR            | 965    | 2669          | NR            |
| 450    | 142822        | NR            | 580    | 127577        | NR            | 710    | 9601          | NR            | 840    | 2764          | NR            | 970    | 3968          | NR            |
| 455    | 90008         | NR            | 585    | 126153        | NR            | 715    | 8944          | NR            | 845    | 3109          | NR            | 975    | 3886          | NR            |
| 460    | 60557         | NR            | 590    | 123678        | NR            | 720    | 7947          | NR            | 850    | 2963          | NR            | 980    | 2788          | NR            |
| 465    | 43305         | NR            | 595    | 119774        | NR            | 725    | 7062          | NR            | 855    | 2336          | NR            | 985    | 3496          | NR            |
| 470    | 31089         | NR            | 600    | 115733        | NR            | 730    | 6004          | NR            | 860    | 2118          | NR            | 990    | 2913          | NR            |
| 475    | 26278         | NR            | 605    | 109231        | NR            | 735    | 5594          | NR            | 865    | 3144          | NR            | 995    | 4659          | NR            |
| 480    | 27060         | NR            | 610    | 102408        | NR            | 740    | 5165          | NR            | 870    | 3069          | NR            | 1000   | 1308          | NR            |
| 485    | 30698         | NR            | 615    | 96015         | NR            | 745    | 4687          | NR            | 875    | 3311          | NR            |        |               |               |

REPORT NUMBER: SP1-1908-441-4-R4

Scotopic Flux vs. Wavelength

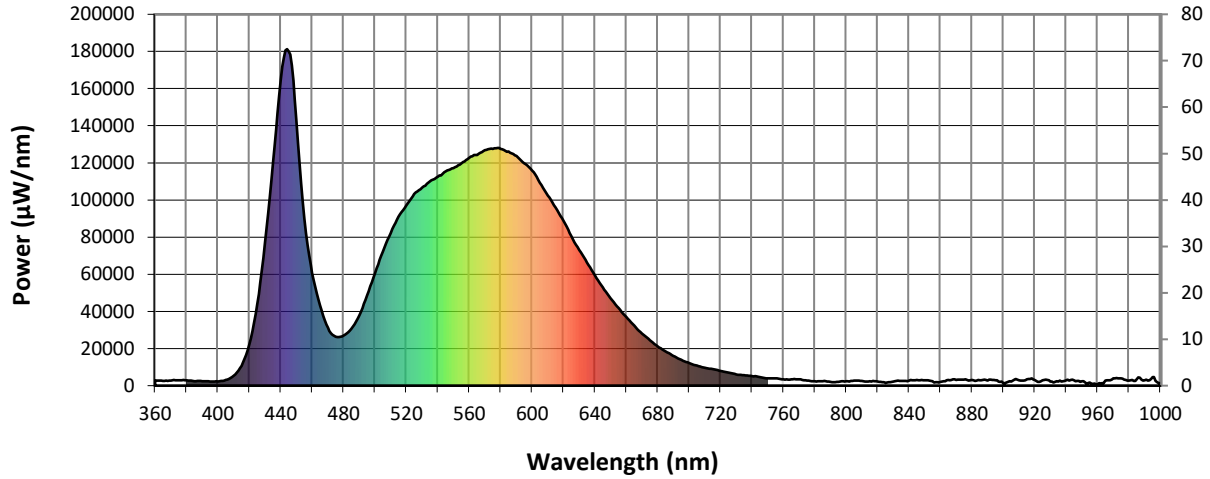


Scotopic Lumens: 13493.5 S/P: 1.77

| λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) |
|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|
| 360    | 2945          | NR            | 490    | 37941         | NR            | 620    | 88803         | NR            | 750    | 3908          | NR            | 880    | 2997          | NR            |
| 365    | 2596          | NR            | 495    | 48525         | NR            | 625    | 80578         | NR            | 755    | 3988          | NR            | 885    | 2927          | NR            |
| 370    | 2732          | NR            | 500    | 60609         | NR            | 630    | 73127         | NR            | 760    | 3335          | NR            | 890    | 2649          | NR            |
| 375    | 2894          | NR            | 505    | 72036         | NR            | 635    | 66244         | NR            | 765    | 3438          | NR            | 895    | 2828          | NR            |
| 380    | 2822          | NR            | 510    | 82168         | NR            | 640    | 59440         | NR            | 770    | 3427          | NR            | 900    | 1407          | NR            |
| 385    | 2394          | NR            | 515    | 90898         | NR            | 645    | 52864         | NR            | 775    | 2759          | NR            | 905    | 2224          | NR            |
| 390    | 2370          | NR            | 520    | 97142         | NR            | 650    | 47085         | NR            | 780    | 2340          | NR            | 910    | 2905          | NR            |
| 395    | 2267          | NR            | 525    | 103255        | NR            | 655    | 41789         | NR            | 785    | 2412          | NR            | 915    | 3350          | NR            |
| 400    | 2262          | NR            | 530    | 106697        | NR            | 660    | 37064         | NR            | 790    | 1999          | NR            | 920    | 3114          | NR            |
| 405    | 3000          | NR            | 535    | 110081        | NR            | 665    | 32299         | NR            | 795    | 2054          | NR            | 925    | 2834          | NR            |
| 410    | 5324          | NR            | 540    | 112494        | NR            | 670    | 28142         | NR            | 800    | 2331          | NR            | 930    | 2271          | NR            |
| 415    | 10725         | NR            | 545    | 115513        | NR            | 675    | 24505         | NR            | 805    | 2648          | NR            | 935    | 2228          | NR            |
| 420    | 22128         | NR            | 550    | 117203        | NR            | 680    | 21162         | NR            | 810    | 2485          | NR            | 940    | 2833          | NR            |
| 425    | 44095         | NR            | 555    | 119753        | NR            | 685    | 18400         | NR            | 815    | 2409          | NR            | 945    | 2941          | NR            |
| 430    | 77002         | NR            | 560    | 122602        | NR            | 690    | 16065         | NR            | 820    | 2221          | NR            | 950    | 2323          | NR            |
| 435    | 119881        | NR            | 565    | 124314        | NR            | 695    | 13860         | NR            | 825    | 1562          | NR            | 955    | 1667          | NR            |
| 440    | 164454        | NR            | 570    | 126775        | NR            | 700    | 12177         | NR            | 830    | 2249          | NR            | 960    | 749           | NR            |
| 445    | 179997        | NR            | 575    | 127511        | NR            | 705    | 10757         | NR            | 835    | 2573          | NR            | 965    | 2669          | NR            |
| 450    | 142822        | NR            | 580    | 127577        | NR            | 710    | 9601          | NR            | 840    | 2764          | NR            | 970    | 3968          | NR            |
| 455    | 90008         | NR            | 585    | 126153        | NR            | 715    | 8944          | NR            | 845    | 3109          | NR            | 975    | 3886          | NR            |
| 460    | 60557         | NR            | 590    | 123678        | NR            | 720    | 7947          | NR            | 850    | 2963          | NR            | 980    | 2788          | NR            |
| 465    | 43305         | NR            | 595    | 119774        | NR            | 725    | 7062          | NR            | 855    | 2336          | NR            | 985    | 3496          | NR            |
| 470    | 31089         | NR            | 600    | 115733        | NR            | 730    | 6004          | NR            | 860    | 2118          | NR            | 990    | 2913          | NR            |
| 475    | 26278         | NR            | 605    | 109231        | NR            | 735    | 5594          | NR            | 865    | 3144          | NR            | 995    | 4659          | NR            |
| 480    | 27060         | NR            | 610    | 102408        | NR            | 740    | 5165          | NR            | 870    | 3069          | NR            | 1000   | 1308          | NR            |
| 485    | 30698         | NR            | 615    | 96015         | NR            | 745    | 4687          | NR            | 875    | 3311          | NR            |        |               |               |

REPORT NUMBER: SP1-1908-441-4-R4

**Melanopic Flux vs. Wavelength**



**Melanopic Lumens: 5378.9 M/P: 0.71**

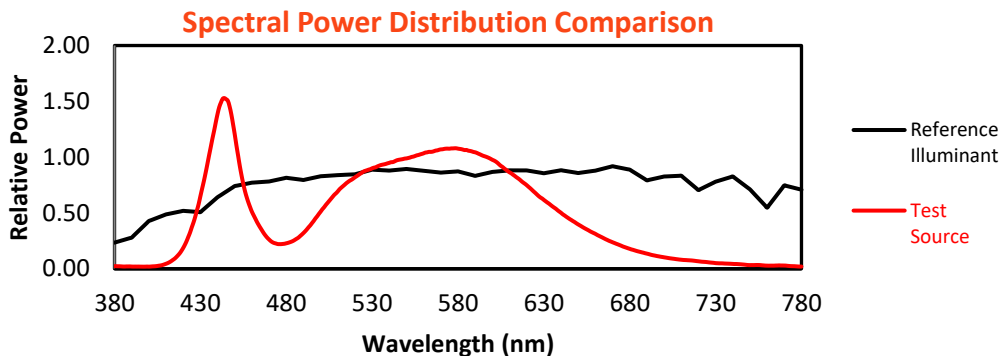
| λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) |
|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|
| 360    | 2945          | NR            | 490    | 37941         | NR            | 620    | 88803         | NR            | 750    | 3908          | NR            | 880    | 2997          | NR            |
| 365    | 2596          | NR            | 495    | 48525         | NR            | 625    | 80578         | NR            | 755    | 3988          | NR            | 885    | 2927          | NR            |
| 370    | 2732          | NR            | 500    | 60609         | NR            | 630    | 73127         | NR            | 760    | 3335          | NR            | 890    | 2649          | NR            |
| 375    | 2894          | NR            | 505    | 72036         | NR            | 635    | 66244         | NR            | 765    | 3438          | NR            | 895    | 2828          | NR            |
| 380    | 2822          | NR            | 510    | 82168         | NR            | 640    | 59440         | NR            | 770    | 3427          | NR            | 900    | 1407          | NR            |
| 385    | 2394          | NR            | 515    | 90898         | NR            | 645    | 52864         | NR            | 775    | 2759          | NR            | 905    | 2224          | NR            |
| 390    | 2370          | NR            | 520    | 97142         | NR            | 650    | 47085         | NR            | 780    | 2340          | NR            | 910    | 2905          | NR            |
| 395    | 2267          | NR            | 525    | 103255        | NR            | 655    | 41789         | NR            | 785    | 2412          | NR            | 915    | 3350          | NR            |
| 400    | 2262          | NR            | 530    | 106697        | NR            | 660    | 37064         | NR            | 790    | 1999          | NR            | 920    | 3114          | NR            |
| 405    | 3000          | NR            | 535    | 110081        | NR            | 665    | 32299         | NR            | 795    | 2054          | NR            | 925    | 2834          | NR            |
| 410    | 5324          | NR            | 540    | 112494        | NR            | 670    | 28142         | NR            | 800    | 2331          | NR            | 930    | 2271          | NR            |
| 415    | 10725         | NR            | 545    | 115513        | NR            | 675    | 24505         | NR            | 805    | 2648          | NR            | 935    | 2228          | NR            |
| 420    | 22128         | NR            | 550    | 117203        | NR            | 680    | 21162         | NR            | 810    | 2485          | NR            | 940    | 2833          | NR            |
| 425    | 44095         | NR            | 555    | 119753        | NR            | 685    | 18400         | NR            | 815    | 2409          | NR            | 945    | 2941          | NR            |
| 430    | 77002         | NR            | 560    | 122602        | NR            | 690    | 16065         | NR            | 820    | 2221          | NR            | 950    | 2323          | NR            |
| 435    | 119881        | NR            | 565    | 124314        | NR            | 695    | 13860         | NR            | 825    | 1562          | NR            | 955    | 1667          | NR            |
| 440    | 164454        | NR            | 570    | 126775        | NR            | 700    | 12177         | NR            | 830    | 2249          | NR            | 960    | 749           | NR            |
| 445    | 179997        | NR            | 575    | 127511        | NR            | 705    | 10757         | NR            | 835    | 2573          | NR            | 965    | 2669          | NR            |
| 450    | 142822        | NR            | 580    | 127577        | NR            | 710    | 9601          | NR            | 840    | 2764          | NR            | 970    | 3968          | NR            |
| 455    | 90008         | NR            | 585    | 126153        | NR            | 715    | 8944          | NR            | 845    | 3109          | NR            | 975    | 3886          | NR            |
| 460    | 60557         | NR            | 590    | 123678        | NR            | 720    | 7947          | NR            | 850    | 2963          | NR            | 980    | 2788          | NR            |
| 465    | 43305         | NR            | 595    | 119774        | NR            | 725    | 7062          | NR            | 855    | 2336          | NR            | 985    | 3496          | NR            |
| 470    | 31089         | NR            | 600    | 115733        | NR            | 730    | 6004          | NR            | 860    | 2118          | NR            | 990    | 2913          | NR            |
| 475    | 26278         | NR            | 605    | 109231        | NR            | 735    | 5594          | NR            | 865    | 3144          | NR            | 995    | 4659          | NR            |
| 480    | 27060         | NR            | 610    | 102408        | NR            | 740    | 5165          | NR            | 870    | 3069          | NR            | 1000   | 1308          | NR            |
| 485    | 30698         | NR            | 615    | 96015         | NR            | 745    | 4687          | NR            | 875    | 3311          | NR            |        |               |               |

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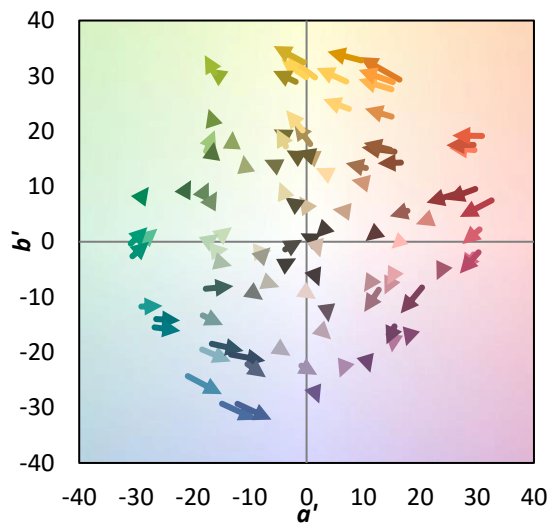
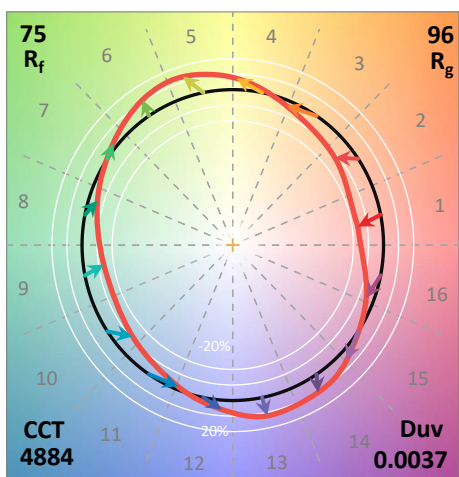
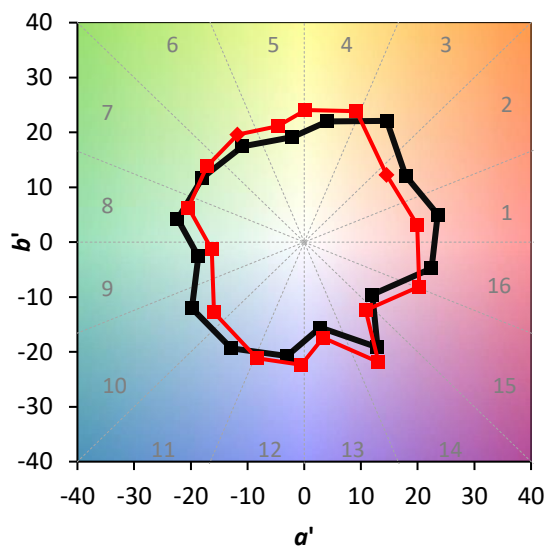
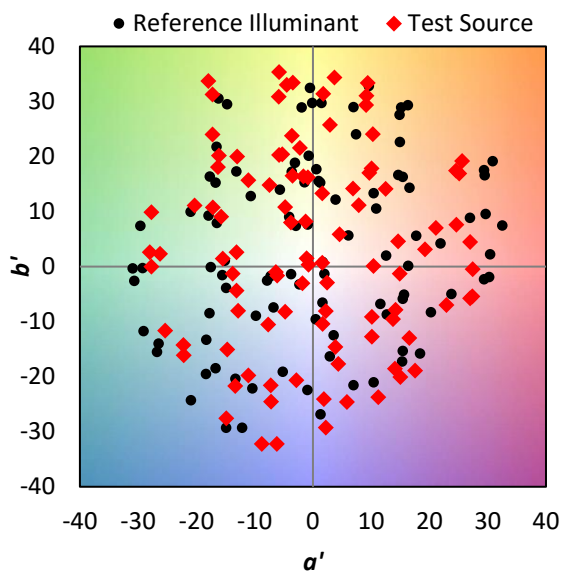
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**Summary**

$R_f = 74.9$   
 $R_g = 96.3$   
 CIE  $R_a = 73.5$   
 $R_g = -28.4$



**Color Vector Graphics**

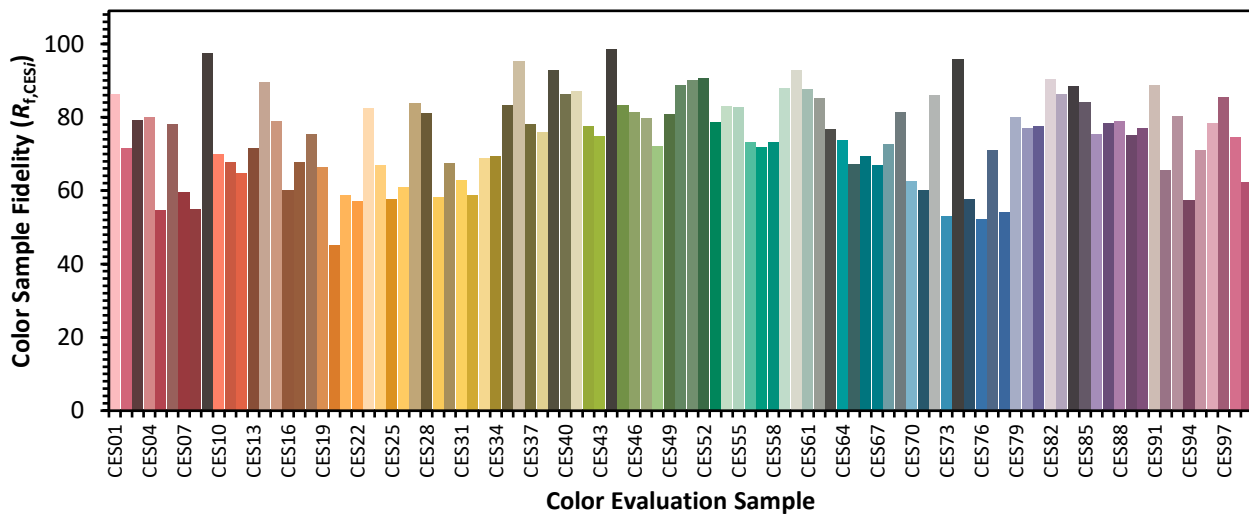


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**Individual Sample Fidelity Index ( $R_{f,i}$ )**

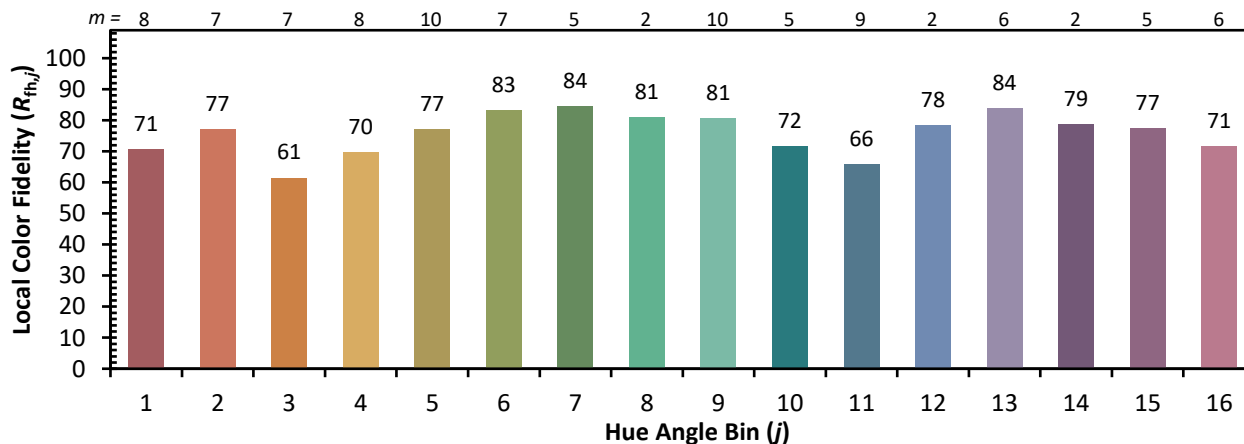
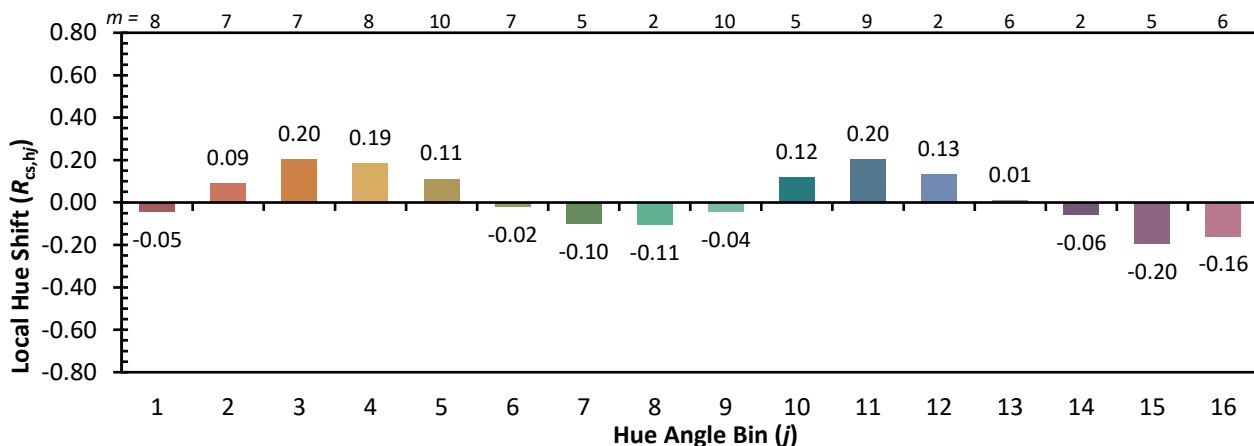
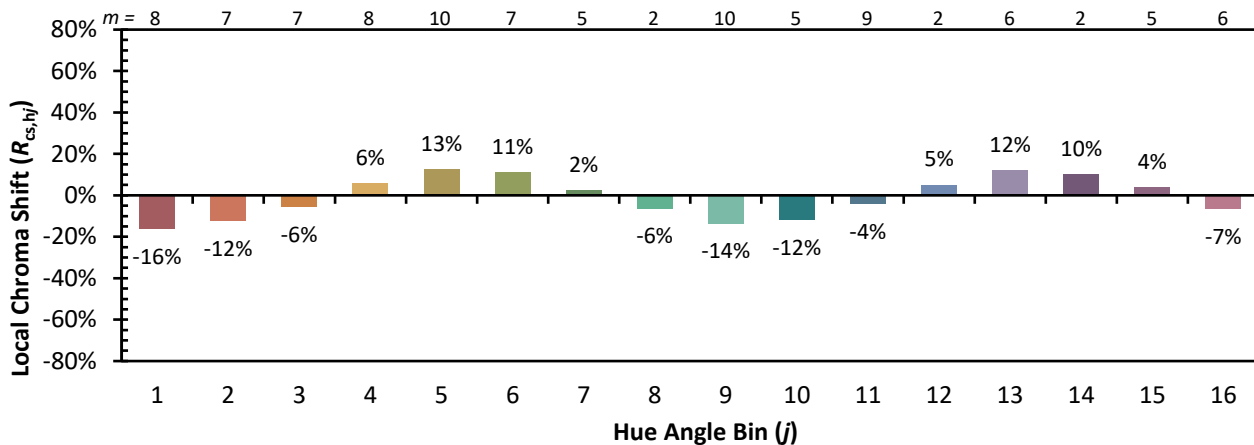
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|------------|------------|------------|------------|
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| CES02 = 60 | CES27 = 84 | CES52 = 91 | CES77 = 71 |
| CES03 = 30 | CES28 = 81 | CES53 = 79 | CES78 = 54 |
| CES04 = 69 | CES29 = 58 | CES54 = 83 | CES79 = 80 |
| CES05 = 46 | CES30 = 67 | CES55 = 83 | CES80 = 77 |
| CES06 = 50 | CES31 = 63 | CES56 = 73 | CES81 = 77 |
| CES07 = 39 | CES32 = 59 | CES57 = 72 | CES82 = 90 |
| CES08 = 38 | CES33 = 69 | CES58 = 73 | CES83 = 86 |
| CES09 = 29 | CES34 = 69 | CES59 = 88 | CES84 = 88 |
| CES10 = 73 | CES35 = 83 | CES60 = 93 | CES85 = 84 |
| CES11 = 56 | CES36 = 95 | CES61 = 88 | CES86 = 75 |
| CES12 = 61 | CES37 = 78 | CES62 = 85 | CES87 = 78 |
| CES13 = 41 | CES38 = 76 | CES63 = 77 | CES88 = 79 |
| CES14 = 74 | CES39 = 93 | CES64 = 74 | CES89 = 75 |
| CES15 = 70 | CES40 = 86 | CES65 = 67 | CES90 = 77 |
| CES16 = 46 | CES41 = 87 | CES66 = 69 | CES91 = 89 |
| CES17 = 49 | CES42 = 78 | CES67 = 67 | CES92 = 66 |
| CES18 = 55 | CES43 = 75 | CES68 = 73 | CES93 = 80 |
| CES19 = 71 | CES44 = 99 | CES69 = 81 | CES94 = 57 |
| CES20 = 64 | CES45 = 83 | CES70 = 63 | CES95 = 71 |
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| CES22 = 77 | CES47 = 80 | CES72 = 86 | CES97 = 85 |
| CES23 = 91 | CES48 = 72 | CES73 = 53 | CES98 = 75 |
| CES24 = 90 | CES49 = 81 | CES74 = 96 | CES99 = 62 |
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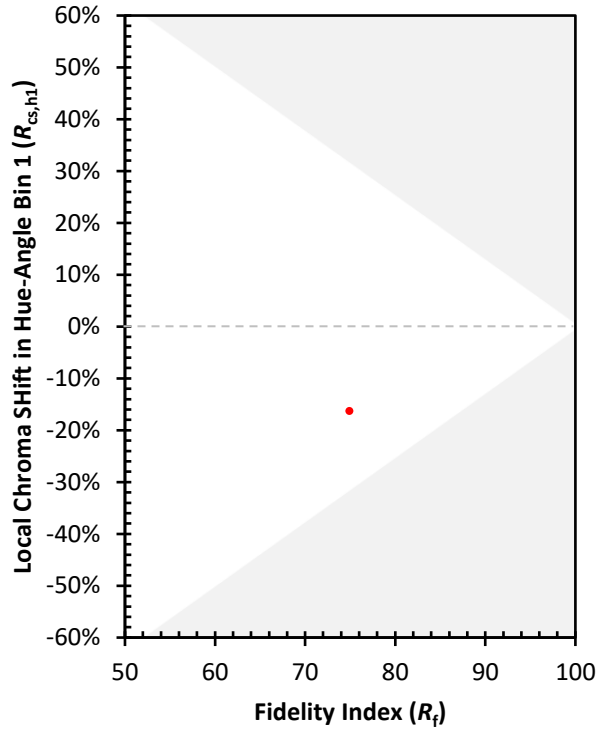
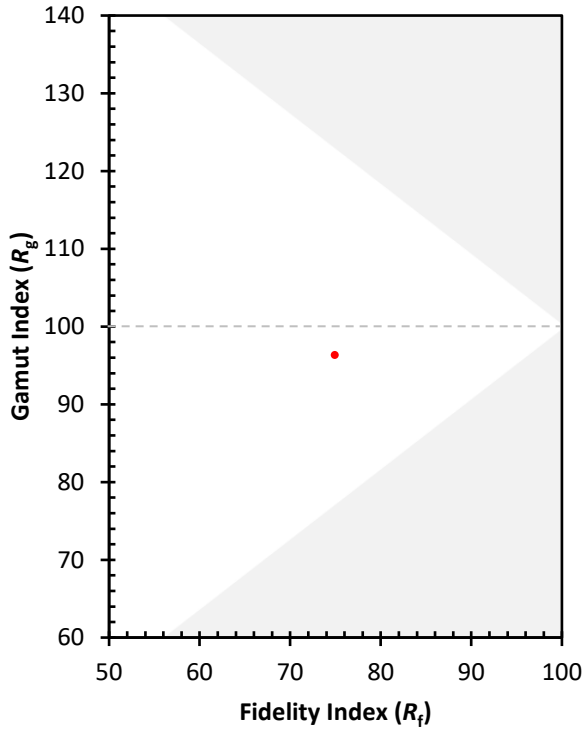
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)