

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: STREETWORKS

Report Number: P948047

Luminaire Tested: **GLAN-SB3B-722-U-RW**

Issue Date: 1/21/2025

**Test Information**

Test Method: LM-79-08  
Report Number: P948047  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-19)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB3B-722-U-RW  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 70 CRI, 2200K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND RECTANGULAR  
WIDE OPTICS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 14372 lumens  
Efficiency: N/A  
Efficacy: 131.6 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B3 - U0 - G3  
  
Input Watts (W): 109.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

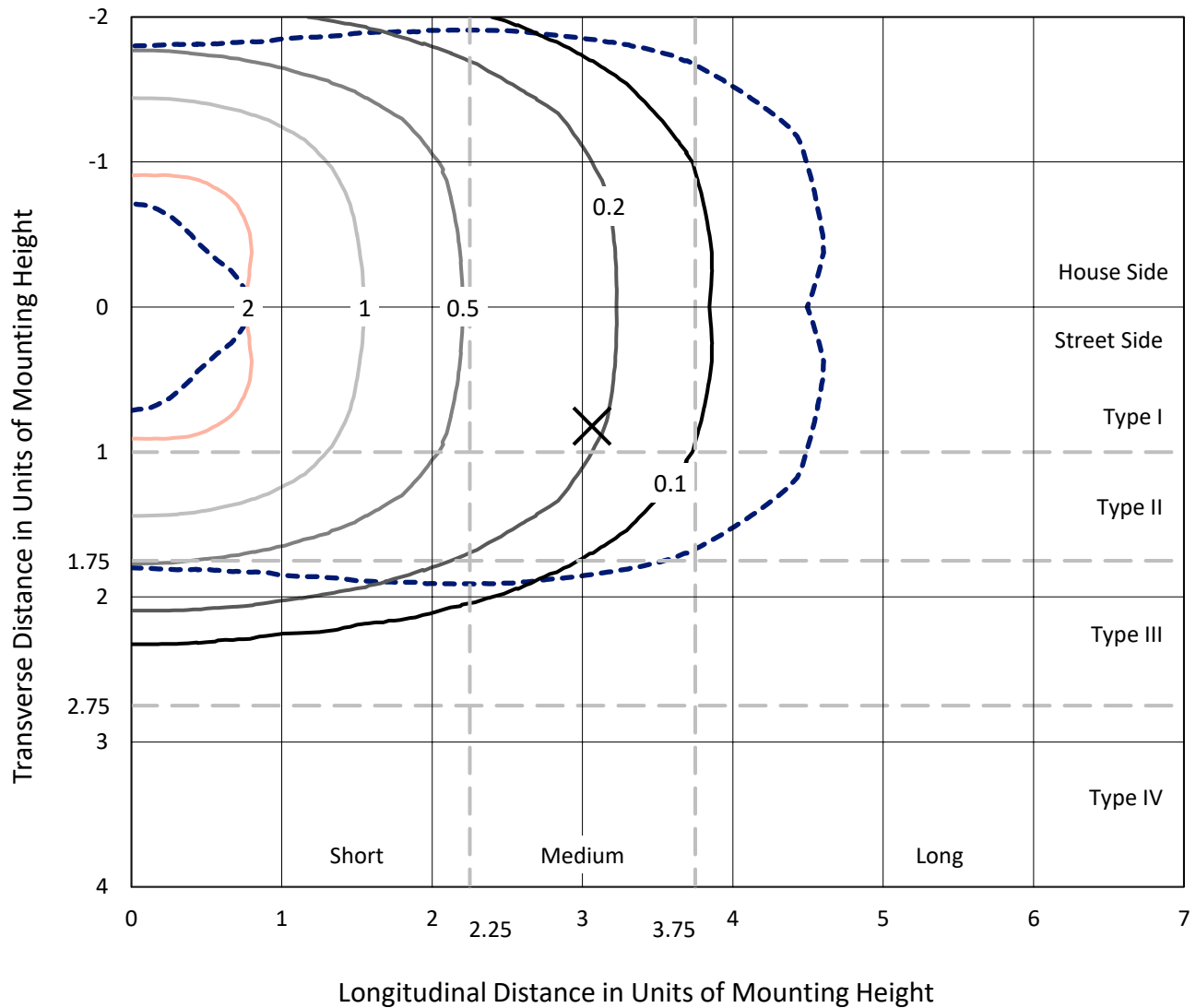


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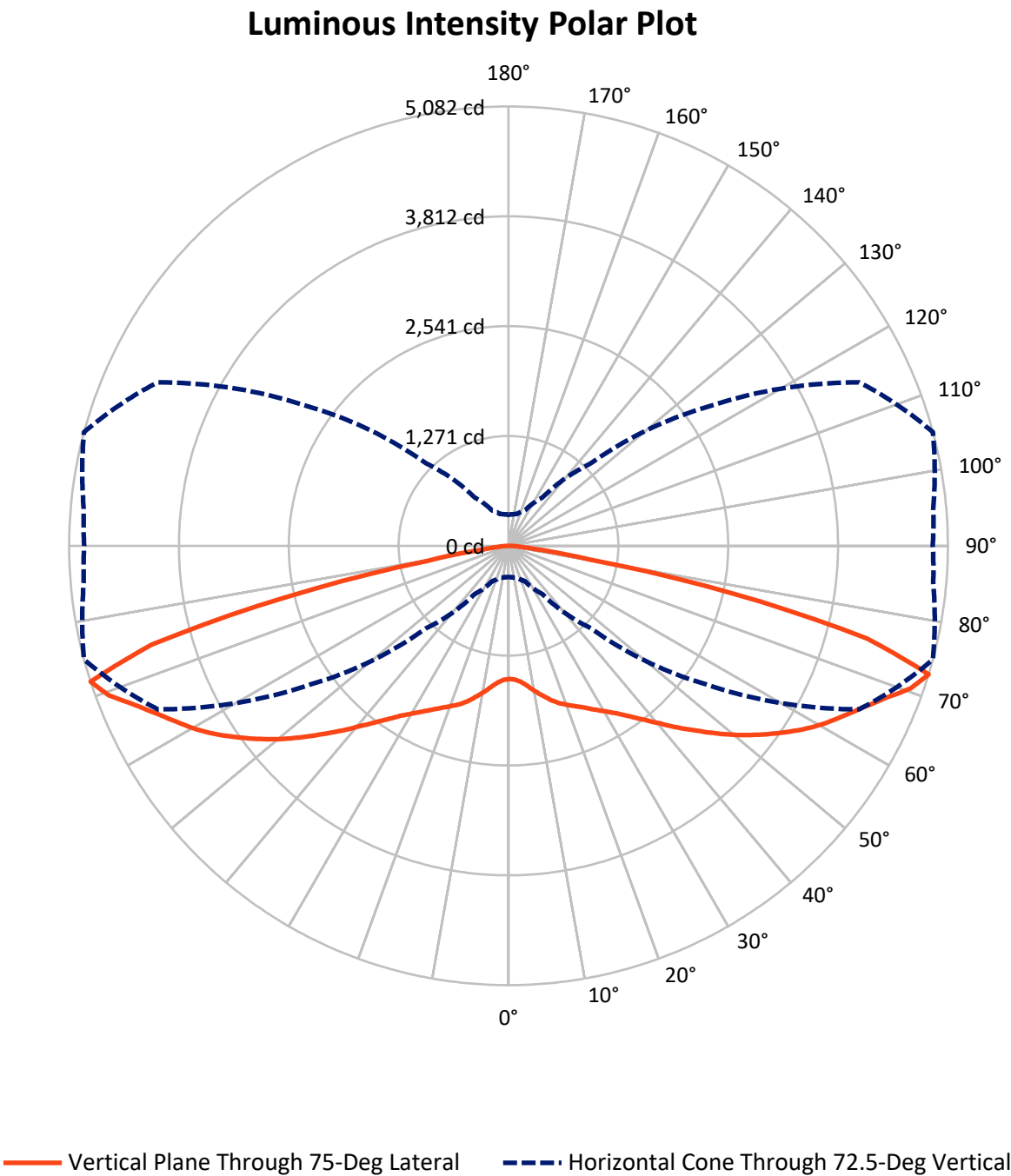
## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.7 fc  
Type III - Medium - N/A

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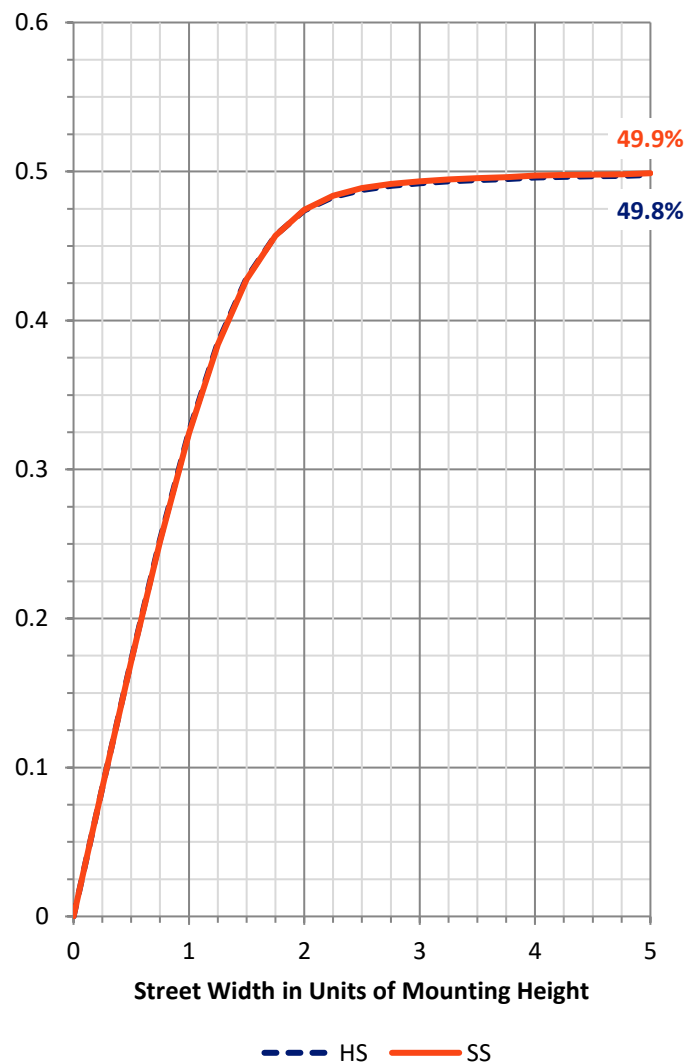
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 7186.0   | 0.0    | 7186.0  |
|                    | % Fixture | 50.0     | 0.0    | 50.0    |
| <b>Street Side</b> | Lumens    | 7186.0   | 0.0    | 7186.0  |
|                    | % Fixture | 50.0     | 0.0    | 50.0    |
| <b>Total</b>       | Lumens    | 14372.0  | 0.0    | 14372.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 150.8   | 1.0       |
| 10°-20°   | 497.4   | 3.5       |
| 20°-30°   | 961.1   | 6.7       |
| 30°-40°   | 1622.9  | 11.3      |
| 40°-50°   | 2573.7  | 17.9      |
| 50°-60°   | 3445.9  | 24.0      |
| 60°-70°   | 3279.4  | 22.8      |
| 70°-80°   | 1711.3  | 11.9      |
| 80°-90°   | 129.5   | 0.9       |
| 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°    | 14372.0 | 100.0     |
| 0°-180°   | 14372.0 | 100.0     |

**Coefficient of Utilization**



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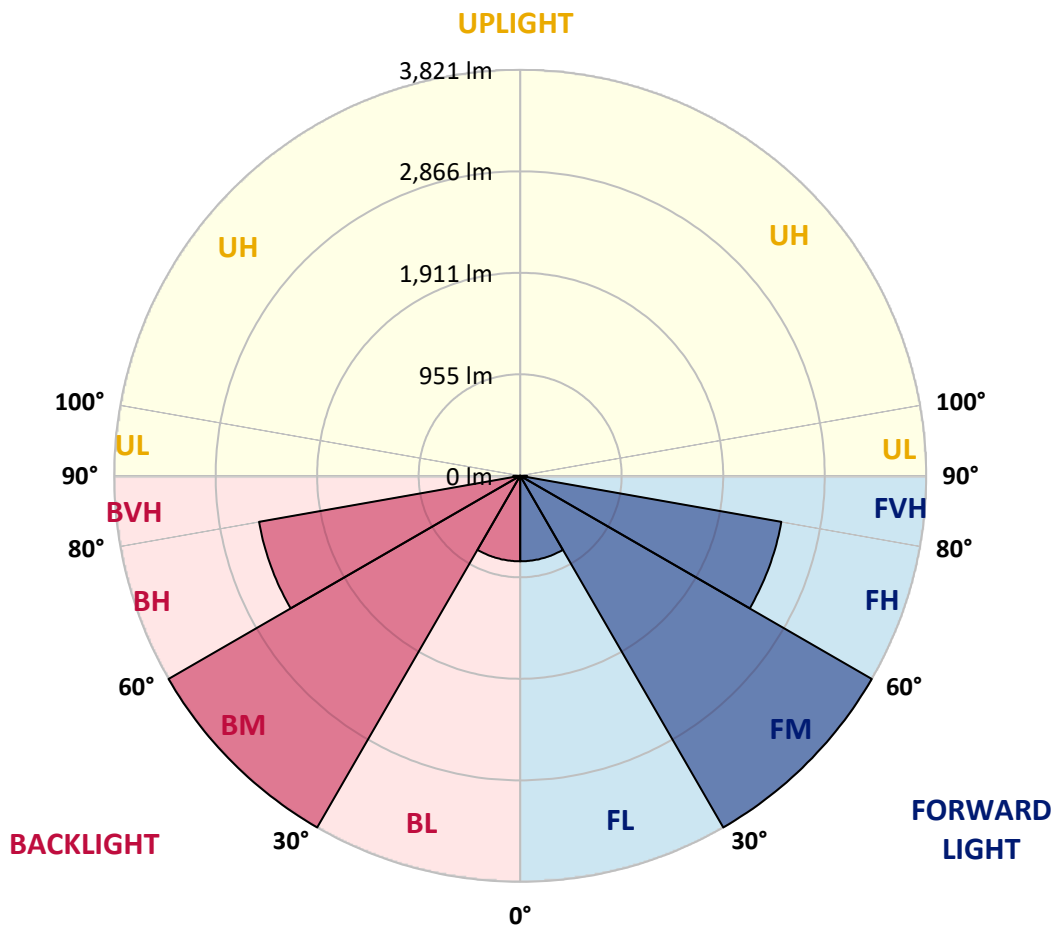
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 804.7  | 5.6       |                         |      |         |
| FM   | (30°-60°)   | 3821.3 | 26.6      |                         |      |         |
| FH   | (60°-80°)   | 2495.3 | 17.4      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 64.8   | 0.5       |                         |      | G1/100  |
| BL   | (0°-30°)    | 804.7  | 5.6       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 3821.3 | 26.6      | B3/5000                 |      |         |
| BH   | (60°-80°)   | 2495.3 | 17.4      | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 64.8   | 0.5       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B3-U0-G3**

Type III Medium



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1539.5 | 1539.5 | 1539.5 | 1539.5 | 1539.5 | 1539.5 | 1539.5 | 1539.5 | 1539.5 | 1539.5 |
| 2.5°  | 1539.5 | 1538.0 | 1539.5 | 1541.0 | 1540.2 | 1540.2 | 1543.9 | 1546.1 | 1550.5 | 1549.8 |
| 5°    | 1529.2 | 1528.5 | 1534.4 | 1541.0 | 1546.1 | 1554.9 | 1565.9 | 1574.0 | 1584.3 | 1586.5 |
| 7.5°  | 1524.1 | 1521.9 | 1532.2 | 1543.9 | 1560.0 | 1582.1 | 1603.3 | 1625.4 | 1643.0 | 1648.8 |
| 10°   | 1527.8 | 1528.5 | 1542.4 | 1564.4 | 1590.1 | 1620.9 | 1651.0 | 1688.5 | 1713.4 | 1719.3 |
| 12.5° | 1544.6 | 1543.2 | 1566.6 | 1601.9 | 1637.1 | 1676.0 | 1711.2 | 1752.3 | 1779.4 | 1793.4 |
| 15°   | 1575.5 | 1572.5 | 1605.5 | 1657.6 | 1709.0 | 1754.5 | 1783.1 | 1822.0 | 1853.6 | 1871.2 |
| 17.5° | 1612.1 | 1613.6 | 1656.9 | 1724.4 | 1791.9 | 1843.3 | 1870.4 | 1890.3 | 1914.5 | 1929.9 |
| 20°   | 1676.7 | 1679.7 | 1728.1 | 1808.1 | 1885.1 | 1943.8 | 1965.8 | 1958.5 | 1965.1 | 1976.8 |
| 22.5° | 1763.3 | 1764.8 | 1819.1 | 1905.7 | 1986.4 | 2051.0 | 2065.6 | 2035.5 | 2017.2 | 2025.3 |
| 25°   | 1863.8 | 1873.4 | 1927.7 | 2016.5 | 2099.4 | 2161.0 | 2167.6 | 2122.1 | 2076.6 | 2078.8 |
| 27.5° | 1986.4 | 1995.2 | 2050.2 | 2138.3 | 2222.7 | 2276.2 | 2275.5 | 2214.6 | 2147.8 | 2130.9 |
| 30°   | 2119.2 | 2128.7 | 2185.2 | 2276.2 | 2354.7 | 2401.7 | 2391.4 | 2318.8 | 2223.4 | 2191.8 |
| 32.5° | 2277.0 | 2282.8 | 2340.1 | 2431.1 | 2503.7 | 2541.1 | 2519.8 | 2430.3 | 2311.4 | 2275.5 |
| 35°   | 2467.7 | 2476.6 | 2519.1 | 2605.0 | 2668.8 | 2699.6 | 2663.7 | 2558.0 | 2424.5 | 2384.1 |
| 37.5° | 2685.7 | 2679.8 | 2728.2 | 2804.6 | 2857.4 | 2876.5 | 2827.3 | 2701.8 | 2553.6 | 2505.9 |
| 40°   | 2913.2 | 2910.2 | 2963.1 | 3036.4 | 3065.1 | 3076.8 | 3004.2 | 2866.9 | 2702.6 | 2651.2 |
| 42.5° | 3119.4 | 3117.2 | 3188.3 | 3269.8 | 3304.3 | 3291.1 | 3199.3 | 3042.3 | 2875.0 | 2816.3 |
| 45°   | 3284.5 | 3281.5 | 3368.8 | 3483.3 | 3550.8 | 3528.8 | 3405.5 | 3236.0 | 3049.6 | 2988.7 |
| 47.5° | 3411.4 | 3412.9 | 3506.8 | 3648.4 | 3766.6 | 3774.6 | 3616.1 | 3433.4 | 3241.9 | 3172.9 |
| 50°   | 3503.1 | 3507.5 | 3608.1 | 3765.1 | 3926.5 | 3997.7 | 3831.1 | 3635.9 | 3440.8 | 3363.0 |
| 52.5° | 3525.9 | 3533.9 | 3655.0 | 3839.2 | 4029.3 | 4165.0 | 4049.8 | 3830.4 | 3629.3 | 3555.2 |
| 55°   | 3404.8 | 3420.9 | 3574.3 | 3833.3 | 4092.4 | 4275.1 | 4242.1 | 4027.8 | 3819.4 | 3743.1 |
| 57.5° | 3126.7 | 3149.4 | 3328.5 | 3666.8 | 4078.4 | 4350.7 | 4391.0 | 4217.1 | 4009.4 | 3936.1 |
| 60°   | 2737.0 | 2764.2 | 2935.9 | 3305.0 | 3881.8 | 4378.5 | 4496.0 | 4401.3 | 4184.1 | 4112.9 |
| 62.5° | 2149.3 | 2184.5 | 2390.0 | 2822.9 | 3466.4 | 4248.7 | 4585.5 | 4567.9 | 4341.1 | 4252.3 |
| 65°   | 1378.8 | 1416.2 | 1632.7 | 2144.1 | 2912.4 | 3850.9 | 4613.4 | 4730.0 | 4507.0 | 4382.9 |
| 67.5° | 831.4  | 848.3  | 955.4  | 1299.5 | 2128.7 | 3251.4 | 4377.1 | 4909.8 | 4700.7 | 4546.6 |
| 70°   | 532.0  | 541.5  | 605.4  | 763.1  | 1203.4 | 2372.4 | 3791.5 | 4943.6 | 4935.5 | 4714.6 |
| 72.5° | 361.0  | 364.0  | 380.8  | 452.0  | 681.0  | 1348.0 | 2796.5 | 4475.4 | 5082.3 | 4931.1 |
| 75°   | 264.2  | 280.3  | 307.5  | 319.9  | 386.7  | 673.6  | 1602.6 | 3144.3 | 4283.2 | 4349.2 |
| 77.5° | 196.7  | 197.4  | 234.8  | 249.5  | 275.9  | 358.8  | 678.0  | 1755.2 | 2659.3 | 2792.1 |
| 80°   | 166.6  | 157.8  | 157.0  | 201.1  | 207.7  | 223.8  | 303.1  | 606.1  | 952.5  | 577.5  |
| 82.5° | 138.7  | 129.1  | 116.7  | 157.0  | 141.6  | 137.2  | 131.3  | 246.6  | 303.1  | 149.0  |
| 85°   | 96.9   | 92.5   | 88.1   | 102.7  | 80.7   | 69.0   | 63.1   | 115.2  | 127.7  | 63.1   |
| 87.5° | 41.8   | 43.3   | 44.0   | 45.5   | 33.8   | 24.2   | 24.2   | 32.3   | 32.3   | 24.9   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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| 90°    |
|--------|
| 1539.5 |
| 1549.0 |
| 1586.5 |
| 1650.3 |
| 1725.1 |
| 1799.3 |
| 1877.8 |
| 1937.2 |
| 1985.6 |
| 2031.1 |
| 2082.5 |
| 2136.1 |
| 2195.5 |
| 2284.3 |
| 2390.0 |
| 2514.7 |
| 2668.1 |
| 2831.0 |
| 3002.7 |
| 3193.5 |
| 3386.5 |
| 3574.3 |
| 3764.4 |
| 3952.9 |
| 4128.3 |
| 4262.6 |
| 4398.4 |
| 4558.3 |
| 4713.2 |
| 4907.6 |
| 4189.2 |
| 2490.5 |
| 436.6  |
| 126.9  |
| 55.8   |
| 18.3   |
| 0.0    |

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