

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: P560872

Luminaire Tested: **SDL-PA1-70-727-U-T3-A**

Issue Date: 7/26/2021

Test Information

Test Method: LM-79-08
Report Number: P560872
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2106-279-3)
Test Lab: INNOVATION CENTER
Issue Date: 7/26/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: SDL-PA1-70-727-U-T3-A
Description: Springdale
(1) 70 CRI, 2700K, 930mA LIGHT ENGINE WITH 24 LEDS AND TYPE III OPTICS
AND CLEAR PANELS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6655 lumens
Efficiency: N/A
Efficacy: 92.2 lumens/watt
Luminous Opening: Rectangular w/ Sides (W: 1.21' x L: 1.21' x H: 0.96')
IES Classification: Type IV - Medium
BUG Rating: B2 - U3 - G3

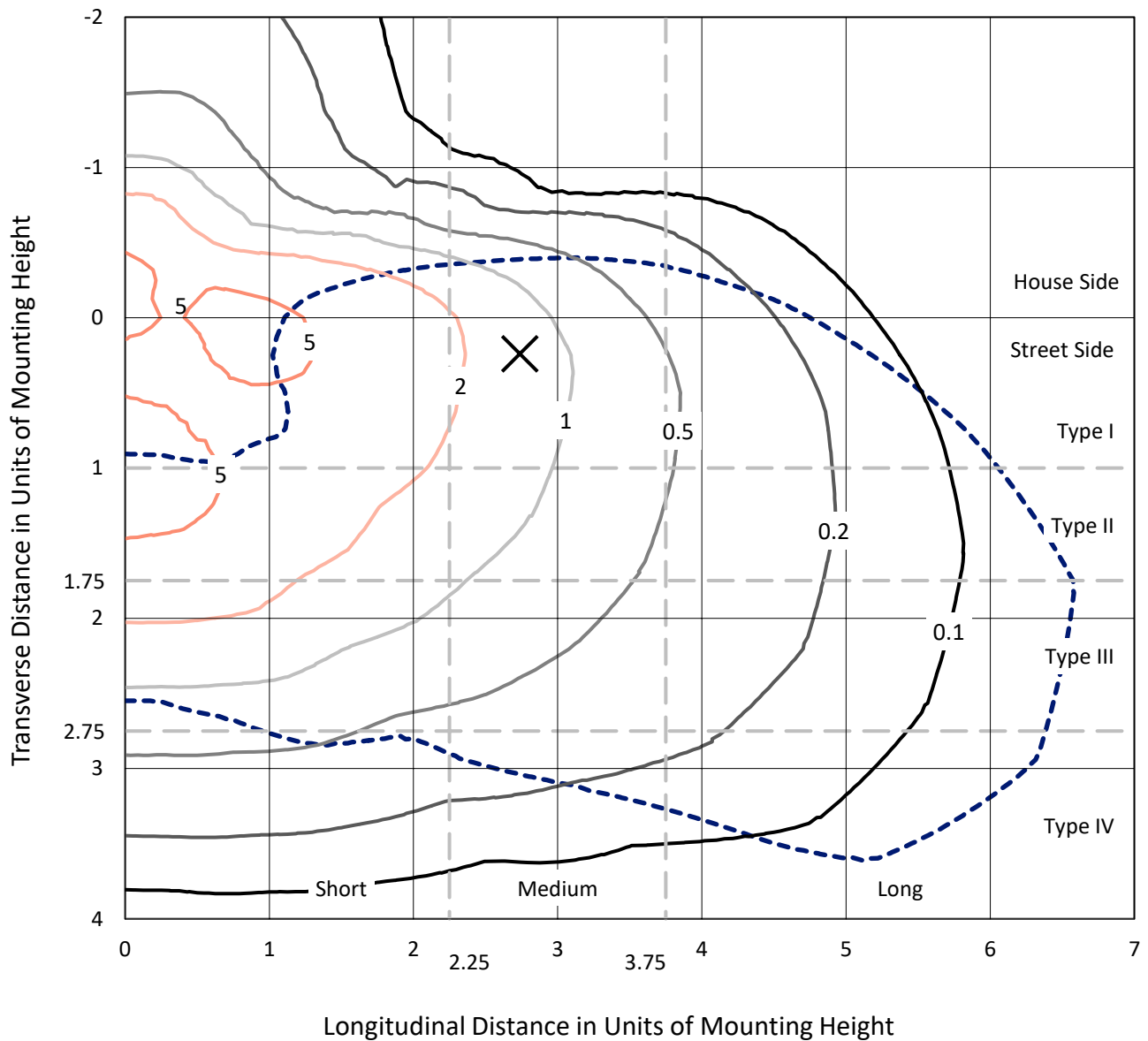
Input Watts (W): 72.2
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

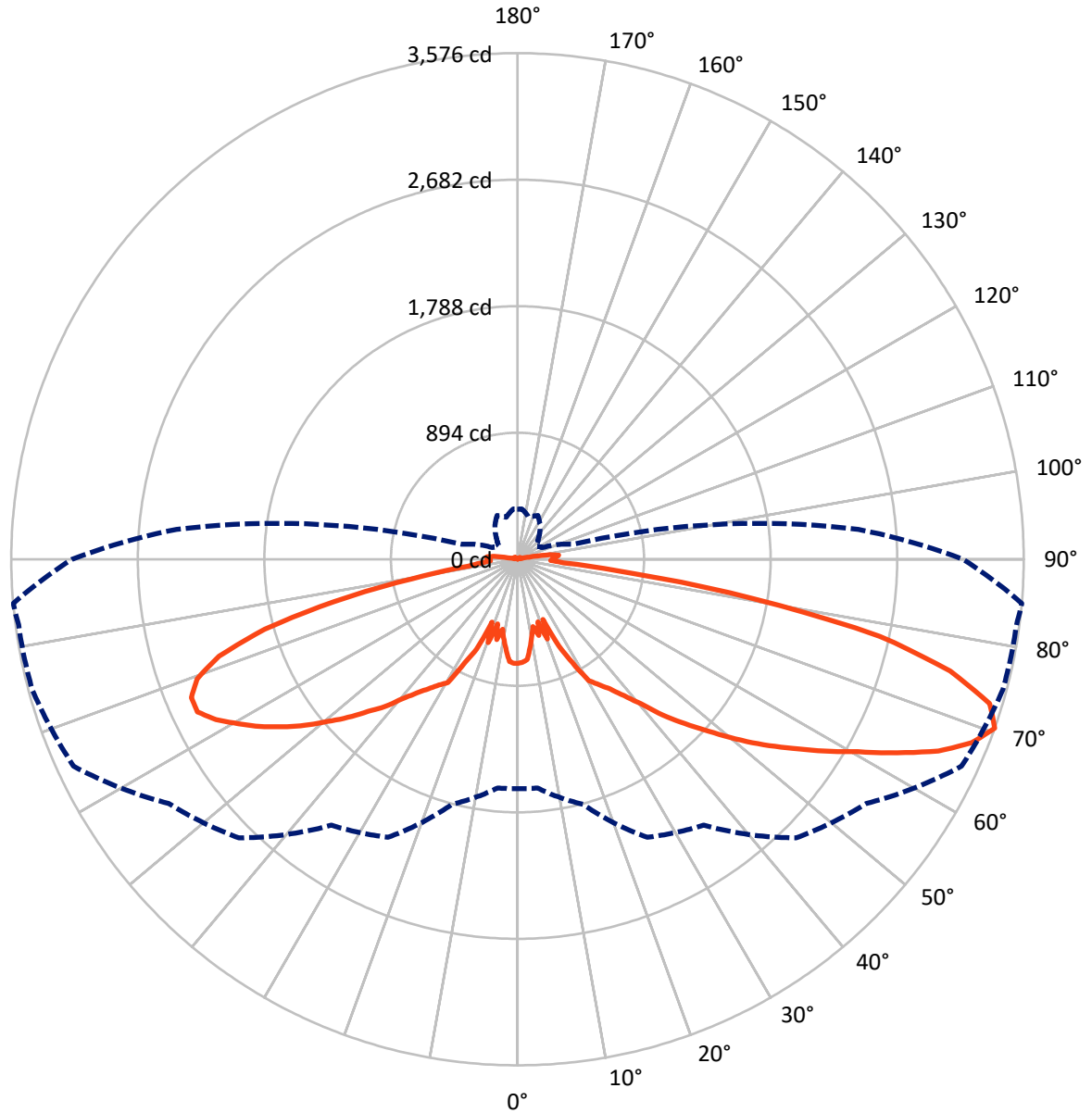
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 7.5 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 85-Deg Lateral - - - Horizontal Cone Through 70-Deg Vertical

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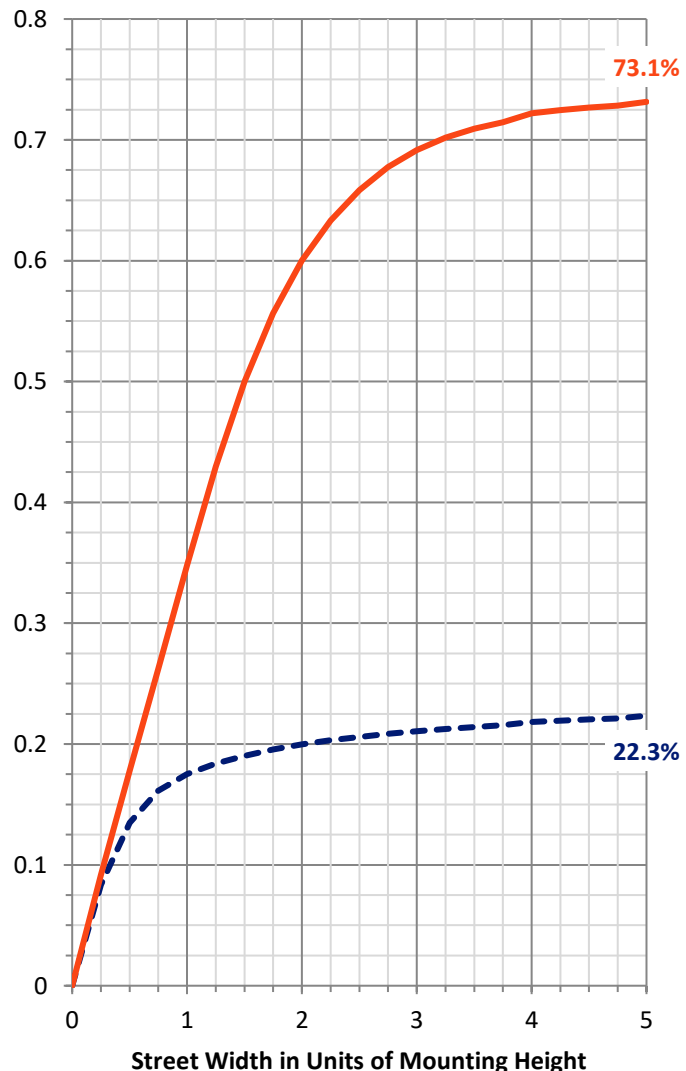
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1564.6 | 100.8 | 1665.4 |
| | % Fixture | 23.5 | 1.5 | 25.0 |
| Street Side | Lumens | 4904.4 | 85.2 | 4989.5 |
| | % Fixture | 73.7 | 1.3 | 75.0 |
| Total | Lumens | 6469.0 | 186.0 | 6655.0 |
| | % Fixture | 97.2 | 2.8 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 60.0 | 0.9 |
| 10°-20° | 146.8 | 2.2 |
| 20°-30° | 267.5 | 4.0 |
| 30°-40° | 505.6 | 7.6 |
| 40°-50° | 845.0 | 12.7 |
| 50°-60° | 1318.8 | 19.8 |
| 60°-70° | 1635.5 | 24.6 |
| 70°-80° | 1336.2 | 20.1 |
| 80°-90° | 353.7 | 5.3 |
| 90°-100° | 134.3 | 2.0 |
| 100°-110° | 28.6 | 0.4 |
| 110°-120° | 9.3 | 0.1 |
| 120°-130° | 7.2 | 0.1 |
| 130°-140° | 3.4 | 0.1 |
| 140°-150° | 1.6 | 0.0 |
| 150°-160° | 1.5 | 0.0 |
| 160°-170° | 0.1 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 6469.0 | 97.2 |
| 0°-180° | 6655.0 | 100.0 |

Coefficient of Utilization



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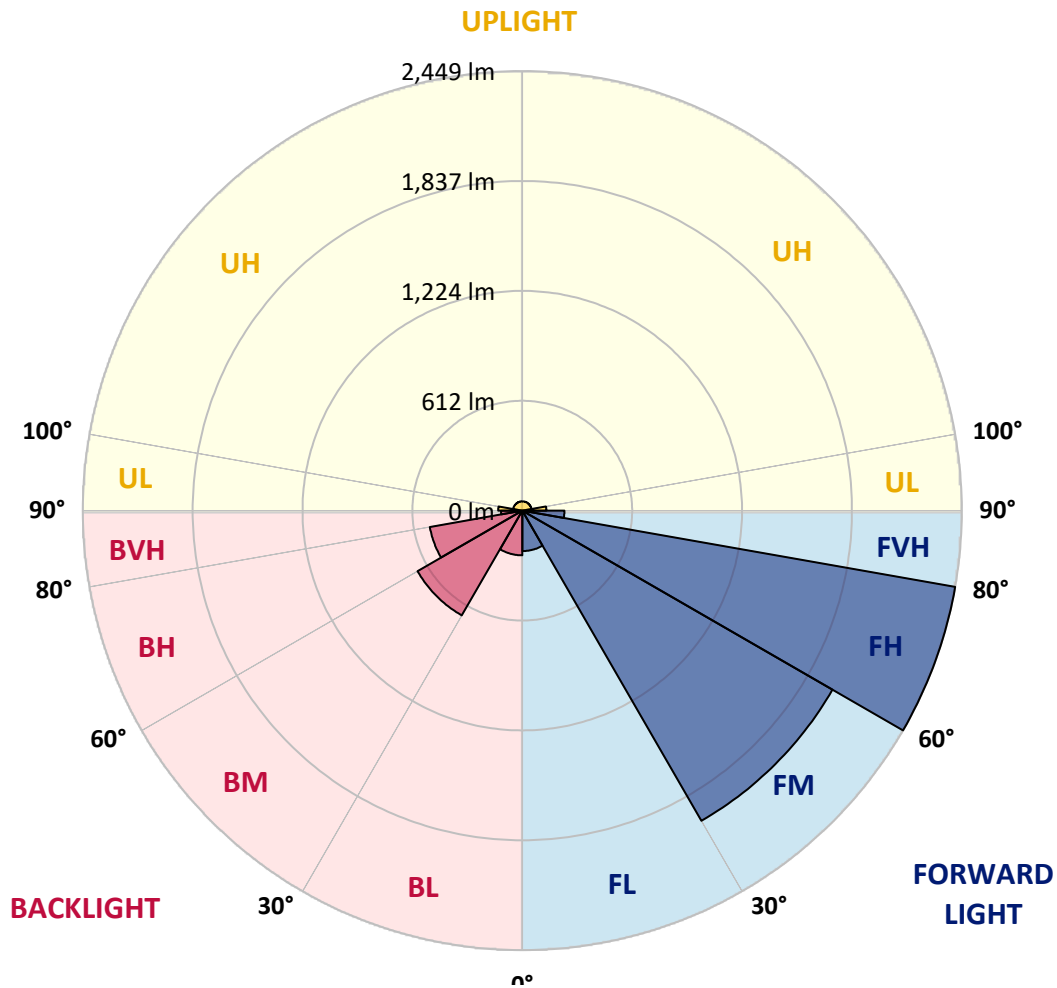
CATALOG NUMBER: SDL-PA1-70-727-U-T3-A

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|--------|---------|
| | | | B | U | G |
| FL (0°-30°) | 225.4 | 3.4 | | | |
| FM (30°-60°) | 1995.5 | 30.0 | | | |
| FH (60°-80°) | 2448.9 | 36.8 | | | G2/5000 |
| FVH (80°-90°) | 234.6 | 3.5 | | | G3/500 |
| BL (0°-30°) | 248.8 | 3.7 | B1/500 | | |
| BM (30°-60°) | 674.0 | 10.1 | B1/1000 | | |
| BH (60°-80°) | 522.8 | 7.9 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 119.0 | 1.8 | | | G2/225 |
| UL (90°-100°) | 134.3 | 2.0 | | U3/500 | |
| UH (100°-180°) | 51.7 | 0.8 | | U3/500 | |

BUG Rating: B2-U3-G3

Type IV Medium





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 CATALOG NUMBER: SDL-PA1-70-727-U-T3-A

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 82.5° | 85° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 735.3 | 735.3 | 735.3 | 735.3 | 735.3 | 735.3 | 735.3 | 735.3 | 735.3 | 735.3 | 735.3 |
| 2.5° | 608.9 | 668.2 | 657.9 | 675.9 | 686.2 | 701.7 | 712.0 | 717.2 | 722.4 | 727.5 | 727.5 |
| 5° | 565.0 | 567.6 | 570.2 | 572.7 | 577.9 | 585.6 | 593.4 | 675.9 | 701.7 | 712.0 | 712.0 |
| 7.5° | 516.0 | 513.4 | 523.7 | 536.6 | 554.7 | 565.0 | 572.7 | 575.3 | 603.7 | 626.9 | 632.1 |
| 10° | 513.4 | 516.0 | 516.0 | 521.1 | 490.2 | 487.6 | 451.5 | 454.1 | 492.8 | 552.1 | 554.7 |
| 12.5° | 446.3 | 459.2 | 487.6 | 508.2 | 477.3 | 428.3 | 420.5 | 441.2 | 412.8 | 485.0 | 487.6 |
| 15° | 497.9 | 495.3 | 495.3 | 474.7 | 402.5 | 423.1 | 376.7 | 392.1 | 479.9 | 546.9 | 559.8 |
| 17.5° | 433.4 | 428.3 | 479.9 | 464.4 | 417.9 | 353.4 | 423.1 | 417.9 | 433.4 | 472.1 | 464.4 |
| 20° | 544.4 | 539.2 | 528.9 | 402.5 | 423.1 | 443.7 | 430.8 | 402.5 | 508.2 | 567.6 | 601.1 |
| 22.5° | 508.2 | 513.4 | 539.2 | 510.8 | 436.0 | 456.6 | 407.6 | 495.3 | 479.9 | 456.6 | 461.8 |
| 25° | 694.0 | 688.8 | 663.0 | 500.5 | 521.1 | 425.7 | 497.9 | 441.2 | 608.9 | 675.9 | 681.1 |
| 27.5° | 639.8 | 632.1 | 614.0 | 629.5 | 528.9 | 557.3 | 485.0 | 577.9 | 673.3 | 792.0 | 828.1 |
| 30° | 848.8 | 841.0 | 820.4 | 634.7 | 629.5 | 552.1 | 588.2 | 709.5 | 908.1 | 998.4 | 995.8 |
| 32.5° | 1093.9 | 1037.1 | 910.7 | 812.7 | 673.3 | 717.2 | 673.3 | 835.9 | 967.5 | 1055.2 | 1055.2 |
| 35° | 1243.5 | 1233.2 | 1166.1 | 944.2 | 784.3 | 781.7 | 774.0 | 921.0 | 1068.1 | 1130.0 | 1124.8 |
| 37.5° | 1369.9 | 1388.0 | 1339.0 | 1093.9 | 884.9 | 905.5 | 866.8 | 1037.1 | 1191.9 | 1228.0 | 1222.9 |
| 40° | 1545.4 | 1540.2 | 1514.4 | 1222.9 | 1008.7 | 1006.2 | 977.8 | 1176.4 | 1328.6 | 1354.4 | 1341.5 |
| 42.5° | 1805.9 | 1777.5 | 1700.1 | 1395.7 | 1140.3 | 1140.3 | 1088.7 | 1308.0 | 1496.3 | 1498.9 | 1506.7 |
| 45° | 2125.8 | 2112.9 | 1976.2 | 1664.0 | 1310.6 | 1308.0 | 1222.9 | 1447.3 | 1666.6 | 1679.5 | 1656.3 |
| 47.5° | 2347.7 | 2309.0 | 2241.9 | 1909.1 | 1573.7 | 1514.4 | 1385.4 | 1584.0 | 1870.4 | 1860.1 | 1813.7 |
| 50° | 2567.0 | 2536.0 | 2474.1 | 2177.4 | 1847.2 | 1728.5 | 1537.6 | 1725.9 | 2066.5 | 2038.1 | 1994.3 |
| 52.5° | 2755.3 | 2714.0 | 2647.0 | 2396.7 | 2087.1 | 1994.3 | 1713.0 | 1854.9 | 2265.1 | 2218.7 | 2177.4 |
| 55° | 2863.7 | 2778.5 | 2783.7 | 2592.8 | 2267.7 | 2192.9 | 1909.1 | 2063.9 | 2458.6 | 2391.6 | 2358.0 |
| 57.5° | 2729.5 | 2724.4 | 2809.5 | 2714.0 | 2432.8 | 2358.0 | 2118.1 | 2272.9 | 2659.9 | 2572.1 | 2556.7 |
| 60° | 2595.4 | 2610.8 | 2732.1 | 2750.2 | 2561.8 | 2507.6 | 2298.7 | 2569.6 | 2855.9 | 2760.5 | 2760.5 |
| 62.5° | 2409.6 | 2453.5 | 2623.7 | 2763.1 | 2574.7 | 2654.7 | 2487.0 | 2822.4 | 3070.1 | 2982.3 | 3010.7 |
| 65° | 2198.1 | 2198.1 | 2394.1 | 2657.3 | 2533.4 | 2752.7 | 2696.0 | 3098.4 | 3258.4 | 3206.8 | 3266.1 |
| 67.5° | 1909.1 | 1914.3 | 2118.1 | 2450.9 | 2458.6 | 2801.8 | 2863.7 | 3315.2 | 3454.5 | 3415.8 | 3459.6 |
| 70° | 1620.2 | 1622.7 | 1793.0 | 2167.1 | 2293.5 | 2783.7 | 3008.1 | 3459.6 | 3549.9 | 3555.1 | 3575.7 |
| 72.5° | 1212.5 | 1256.4 | 1416.4 | 1759.5 | 2007.2 | 2708.9 | 3083.0 | 3500.9 | 3547.3 | 3555.1 | 3488.0 |
| 75° | 652.7 | 673.3 | 851.4 | 1145.5 | 1491.2 | 2401.9 | 3059.7 | 3457.0 | 3423.5 | 3333.2 | 3157.8 |
| 77.5° | 227.0 | 237.3 | 299.3 | 500.5 | 846.2 | 1700.1 | 2837.9 | 3266.1 | 3157.8 | 2874.0 | 2616.0 |
| 80° | 147.1 | 147.1 | 162.5 | 239.9 | 384.4 | 804.9 | 2203.2 | 2799.2 | 2543.8 | 1937.5 | 1697.6 |
| 82.5° | 103.2 | 105.8 | 118.7 | 160.0 | 247.7 | 345.7 | 1145.5 | 1421.5 | 1400.9 | 964.9 | 812.7 |
| 85° | 74.8 | 77.4 | 82.6 | 92.9 | 170.3 | 214.1 | 446.3 | 683.7 | 632.1 | 345.7 | 325.1 |
| 87.5° | 33.5 | 38.7 | 33.5 | 41.3 | 67.1 | 131.6 | 214.1 | 211.6 | 201.2 | 229.6 | 234.8 |
| 90° | 25.8 | 25.8 | 20.6 | 23.2 | 46.4 | 118.7 | 198.7 | 190.9 | 203.8 | 250.2 | 247.7 |
| 92.5° | 25.8 | 25.8 | 20.6 | 23.2 | 43.9 | 118.7 | 209.0 | 185.8 | 211.6 | 268.3 | 270.9 |
| 95° | 25.8 | 28.4 | 20.6 | 20.6 | 36.1 | 121.3 | 221.9 | 198.7 | 224.4 | 291.5 | 291.5 |
| 97.5° | 23.2 | 23.2 | 15.5 | 18.1 | 28.4 | 110.9 | 221.9 | 170.3 | 165.1 | 234.8 | 232.2 |
| 100° | 18.1 | 20.6 | 10.3 | 15.5 | 20.6 | 67.1 | 165.1 | 105.8 | 46.4 | 54.2 | 82.6 |
| 102.5° | 18.1 | 18.1 | 10.3 | 12.9 | 15.5 | 28.4 | 87.7 | 61.9 | 12.9 | 18.1 | 18.1 |
| 105° | 18.1 | 20.6 | 10.3 | 10.3 | 10.3 | 12.9 | 41.3 | 31.0 | 10.3 | 15.5 | 18.1 |
| 107.5° | 20.6 | 20.6 | 7.7 | 7.7 | 7.7 | 7.7 | 15.5 | 12.9 | 10.3 | 18.1 | 20.6 |



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 CATALOG NUMBER: SDL-PA1-70-727-U-T3-A

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 82.5° | 85° |
|--------|------|------|------|-----|-----|-----|-----|-----|------|-------|------|
| 112.5° | 18.1 | 18.1 | 7.7 | 7.7 | 5.2 | 5.2 | 5.2 | 7.7 | 10.3 | 15.5 | 18.1 |
| 115° | 12.9 | 12.9 | 5.2 | 7.7 | 5.2 | 5.2 | 5.2 | 7.7 | 7.7 | 12.9 | 15.5 |
| 117.5° | 12.9 | 10.3 | 5.2 | 5.2 | 2.6 | 5.2 | 5.2 | 7.7 | 10.3 | 18.1 | 18.1 |
| 120° | 12.9 | 12.9 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 5.2 | 12.9 | 20.6 | 23.2 |
| 122.5° | 12.9 | 12.9 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 5.2 | 12.9 | 20.6 | 23.2 |
| 125° | 15.5 | 12.9 | 7.7 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 10.3 | 18.1 | 20.6 |
| 127.5° | 12.9 | 12.9 | 7.7 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 7.7 | 15.5 | 18.1 |
| 130° | 12.9 | 12.9 | 7.7 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 7.7 | 12.9 | 12.9 |
| 132.5° | 10.3 | 10.3 | 7.7 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 5.2 | 10.3 | 10.3 |
| 135° | 10.3 | 10.3 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 7.7 | 7.7 |
| 137.5° | 5.2 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 140° | 0.0 | 2.6 | 0.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 142.5° | 0.0 | 0.0 | 0.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 145° | 0.0 | 0.0 | 0.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 147.5° | 2.6 | 2.6 | 2.6 | 5.2 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 150° | 7.7 | 7.7 | 7.7 | 5.2 | 5.2 | 2.6 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 |
| 152.5° | 7.7 | 7.7 | 10.3 | 5.2 | 2.6 | 2.6 | 2.6 | 5.2 | 2.6 | 2.6 | 2.6 |
| 155° | 5.2 | 5.2 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 5.2 | 5.2 | 7.7 |
| 157.5° | 2.6 | 2.6 | 2.6 | 0.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 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):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0° | 735.3 | 735.3 | 735.3 | 735.3 | 735.3 | 735.3 | 735.3 | 735.3 | 735.3 | 735.3 | 735.3 |
| 2.5° | 730.1 | 735.3 | 737.8 | 745.6 | 745.6 | 745.6 | 727.5 | 683.7 | 683.7 | 686.2 | 688.8 |
| 5° | 719.8 | 724.9 | 735.3 | 699.1 | 663.0 | 660.5 | 673.3 | 681.1 | 683.7 | 686.2 | 681.1 |
| 7.5° | 637.2 | 647.6 | 642.4 | 645.0 | 663.0 | 681.1 | 696.6 | 686.2 | 660.5 | 642.4 | 647.6 |
| 10° | 567.6 | 577.9 | 521.1 | 526.3 | 546.9 | 598.5 | 683.7 | 712.0 | 730.1 | 737.8 | 737.8 |
| 12.5° | 497.9 | 505.7 | 456.6 | 528.9 | 492.8 | 572.7 | 665.6 | 735.3 | 665.6 | 637.2 | 637.2 |
| 15° | 570.2 | 585.6 | 526.3 | 469.5 | 479.9 | 580.5 | 510.8 | 701.7 | 722.4 | 727.5 | 732.7 |
| 17.5° | 487.6 | 477.3 | 487.6 | 495.3 | 539.2 | 451.5 | 585.6 | 660.5 | 619.2 | 603.7 | 611.4 |
| 20° | 614.0 | 624.3 | 570.2 | 487.6 | 492.8 | 575.3 | 521.1 | 590.8 | 704.3 | 706.9 | 712.0 |
| 22.5° | 467.0 | 479.9 | 510.8 | 580.5 | 508.2 | 557.3 | 549.5 | 614.0 | 575.3 | 577.9 | 598.5 |
| 25° | 686.2 | 696.6 | 642.4 | 518.6 | 554.7 | 503.1 | 554.7 | 546.9 | 645.0 | 650.1 | 650.1 |
| 27.5° | 841.0 | 817.8 | 701.7 | 585.6 | 487.6 | 531.5 | 500.5 | 521.1 | 497.9 | 567.6 | 577.9 |
| 30° | 1001.0 | 1001.0 | 910.7 | 652.7 | 516.0 | 451.5 | 456.6 | 495.3 | 552.1 | 562.4 | 562.4 |
| 32.5° | 1050.0 | 1047.4 | 931.3 | 706.9 | 508.2 | 467.0 | 420.5 | 467.0 | 565.0 | 614.0 | 619.2 |
| 35° | 1119.7 | 1109.4 | 967.5 | 688.8 | 490.2 | 425.7 | 397.3 | 469.5 | 541.8 | 549.5 | 544.4 |
| 37.5° | 1207.4 | 1181.6 | 1011.3 | 655.3 | 448.9 | 399.9 | 381.8 | 423.1 | 485.0 | 485.0 | 485.0 |
| 40° | 1315.7 | 1274.5 | 1026.8 | 608.9 | 405.0 | 366.3 | 348.3 | 392.1 | 433.4 | 410.2 | 402.5 |
| 42.5° | 1462.8 | 1400.9 | 1039.7 | 575.3 | 366.3 | 338.0 | 314.7 | 356.0 | 376.7 | 363.8 | 358.6 |
| 45° | 1599.5 | 1506.7 | 1060.3 | 539.2 | 335.4 | 312.2 | 291.5 | 327.6 | 343.1 | 330.2 | 327.6 |
| 47.5° | 1762.1 | 1638.2 | 1062.9 | 505.7 | 312.2 | 291.5 | 276.0 | 307.0 | 317.3 | 317.3 | 314.7 |
| 50° | 1929.8 | 1764.6 | 1083.6 | 477.3 | 288.9 | 270.9 | 268.3 | 291.5 | 299.3 | 294.1 | 291.5 |
| 52.5° | 2120.7 | 1906.5 | 1091.3 | 441.2 | 260.6 | 247.7 | 260.6 | 276.0 | 299.3 | 301.8 | 301.8 |
| 55° | 2324.5 | 2038.1 | 1086.1 | 392.1 | 239.9 | 234.8 | 252.8 | 286.4 | 307.0 | 291.5 | 288.9 |
| 57.5° | 2523.1 | 2169.7 | 1088.7 | 338.0 | 219.3 | 229.6 | 255.4 | 299.3 | 314.7 | 296.7 | 288.9 |
| 60° | 2701.1 | 2288.4 | 1052.6 | 288.9 | 203.8 | 216.7 | 265.7 | 312.2 | 307.0 | 312.2 | 304.4 |
| 62.5° | 2920.4 | 2412.2 | 949.4 | 258.0 | 190.9 | 211.6 | 265.7 | 319.9 | 299.3 | 319.9 | 319.9 |
| 65° | 3101.0 | 2505.1 | 802.3 | 232.2 | 180.6 | 211.6 | 268.3 | 322.5 | 291.5 | 325.1 | 325.1 |
| 67.5° | 3178.4 | 2502.5 | 580.5 | 211.6 | 167.7 | 206.4 | 268.3 | 332.8 | 299.3 | 335.4 | 332.8 |
| 70° | 3147.5 | 2417.4 | 410.2 | 196.1 | 160.0 | 209.0 | 278.6 | 340.5 | 307.0 | 356.0 | 353.4 |
| 72.5° | 2938.5 | 2216.1 | 296.7 | 183.2 | 149.6 | 198.7 | 286.4 | 350.9 | 314.7 | 387.0 | 387.0 |
| 75° | 2587.6 | 1852.4 | 239.9 | 170.3 | 139.3 | 196.1 | 288.9 | 356.0 | 319.9 | 392.1 | 392.1 |
| 77.5° | 1978.8 | 1331.2 | 201.2 | 157.4 | 129.0 | 190.9 | 286.4 | 363.8 | 317.3 | 392.1 | 392.1 |
| 80° | 1186.7 | 758.5 | 167.7 | 141.9 | 131.6 | 188.3 | 291.5 | 363.8 | 317.3 | 387.0 | 387.0 |
| 82.5° | 546.9 | 348.3 | 149.6 | 118.7 | 123.8 | 185.8 | 296.7 | 358.6 | 304.4 | 387.0 | 371.5 |
| 85° | 304.4 | 245.1 | 129.0 | 100.6 | 110.9 | 175.4 | 281.2 | 322.5 | 273.5 | 319.9 | 314.7 |
| 87.5° | 227.0 | 190.9 | 82.6 | 51.6 | 72.2 | 123.8 | 216.7 | 255.4 | 206.4 | 247.7 | 245.1 |
| 90° | 242.5 | 201.2 | 74.8 | 51.6 | 77.4 | 113.5 | 203.8 | 227.0 | 190.9 | 229.6 | 227.0 |
| 92.5° | 260.6 | 211.6 | 74.8 | 54.2 | 87.7 | 123.8 | 203.8 | 221.9 | 188.3 | 209.0 | 211.6 |
| 95° | 273.5 | 219.3 | 72.2 | 59.3 | 92.9 | 134.2 | 198.7 | 203.8 | 172.9 | 180.6 | 188.3 |
| 97.5° | 214.1 | 165.1 | 64.5 | 61.9 | 90.3 | 108.4 | 162.5 | 160.0 | 118.7 | 110.9 | 110.9 |
| 100° | 67.1 | 46.4 | 56.8 | 64.5 | 54.2 | 51.6 | 95.5 | 113.5 | 69.7 | 46.4 | 43.9 |
| 102.5° | 20.6 | 18.1 | 51.6 | 61.9 | 41.3 | 23.2 | 51.6 | 72.2 | 51.6 | 7.7 | 10.3 |
| 105° | 20.6 | 20.6 | 33.5 | 51.6 | 28.4 | 10.3 | 20.6 | 38.7 | 31.0 | 7.7 | 7.7 |
| 107.5° | 20.6 | 18.1 | 12.9 | 28.4 | 10.3 | 7.7 | 10.3 | 10.3 | 10.3 | 7.7 | 7.7 |



REPORT NUMBER: P560872

CATALOG NUMBER: SDL-PA1-70-727-U-T3-A

CANDELA DISTRIBUTION (continued):

| | 90° | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 20.6 | 20.6 | 10.3 | 10.3 | 7.7 | 7.7 | 5.2 | 5.2 | 7.7 | 18.1 | 18.1 |
| 115° | 18.1 | 18.1 | 10.3 | 7.7 | 5.2 | 7.7 | 5.2 | 5.2 | 7.7 | 20.6 | 20.6 |
| 117.5° | 20.6 | 20.6 | 10.3 | 7.7 | 5.2 | 5.2 | 5.2 | 2.6 | 7.7 | 23.2 | 25.8 |
| 120° | 25.8 | 23.2 | 12.9 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 10.3 | 20.6 | 23.2 |
| 122.5° | 25.8 | 25.8 | 12.9 | 5.2 | 2.6 | 2.6 | 2.6 | 5.2 | 10.3 | 20.6 | 23.2 |
| 125° | 23.2 | 23.2 | 12.9 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 10.3 | 18.1 | 18.1 |
| 127.5° | 20.6 | 20.6 | 10.3 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 7.7 | 15.5 | 18.1 |
| 130° | 15.5 | 15.5 | 7.7 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 7.7 | 12.9 | 15.5 |
| 132.5° | 12.9 | 12.9 | 7.7 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 7.7 | 10.3 | 12.9 |
| 135° | 7.7 | 7.7 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 5.2 | 7.7 | 10.3 |
| 137.5° | 5.2 | 5.2 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 5.2 | 5.2 |
| 140° | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 0.0 | 2.6 | 2.6 | 2.6 | 2.6 |
| 142.5° | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 0.0 | 2.6 | 2.6 | 2.6 | 2.6 |
| 145° | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 147.5° | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 |
| 150° | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 5.2 | 5.2 | 7.7 | 5.2 |
| 152.5° | 2.6 | 2.6 | 2.6 | 5.2 | 2.6 | 0.0 | 0.0 | 5.2 | 5.2 | 7.7 | 7.7 |
| 155° | 7.7 | 7.7 | 5.2 | 2.6 | 2.6 | 0.0 | 0.0 | 0.0 | 5.2 | 5.2 | 5.2 |
| 157.5° | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 0.0 | 0.0 | 0.0 | 2.6 | 2.6 | 2.6 |
| 160° | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 2.6 |
| 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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Peachtree City, GA 30269

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|------|------|------|-----|-----|-----|-----|-----|-----|------|------|------|
| 110° | 20.6 | 20.6 | 7.7 | 7.7 | 5.2 | 5.2 | 7.7 | 7.7 | 10.3 | 18.1 | 20.6 |
|------|------|------|-----|-----|-----|-----|-----|-----|------|------|------|

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|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|
| 110° | 20.6 | 20.6 | 10.3 | 10.3 | 7.7 | 7.7 | 7.7 | 5.2 | 5.2 | 12.9 | 12.9 |
|------|------|------|------|------|-----|-----|-----|-----|-----|------|------|

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