

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: P458557

Luminaire Tested: **GLAN-SA1B-735-U-SLR**

Issue Date: 1/4/2021

Test Information

Test Method: LM-79-08
Report Number: P458557
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/4/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA1B-735-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 3500K, 800mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4623 lumens
Efficiency: N/A
Efficacy: 105.1 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

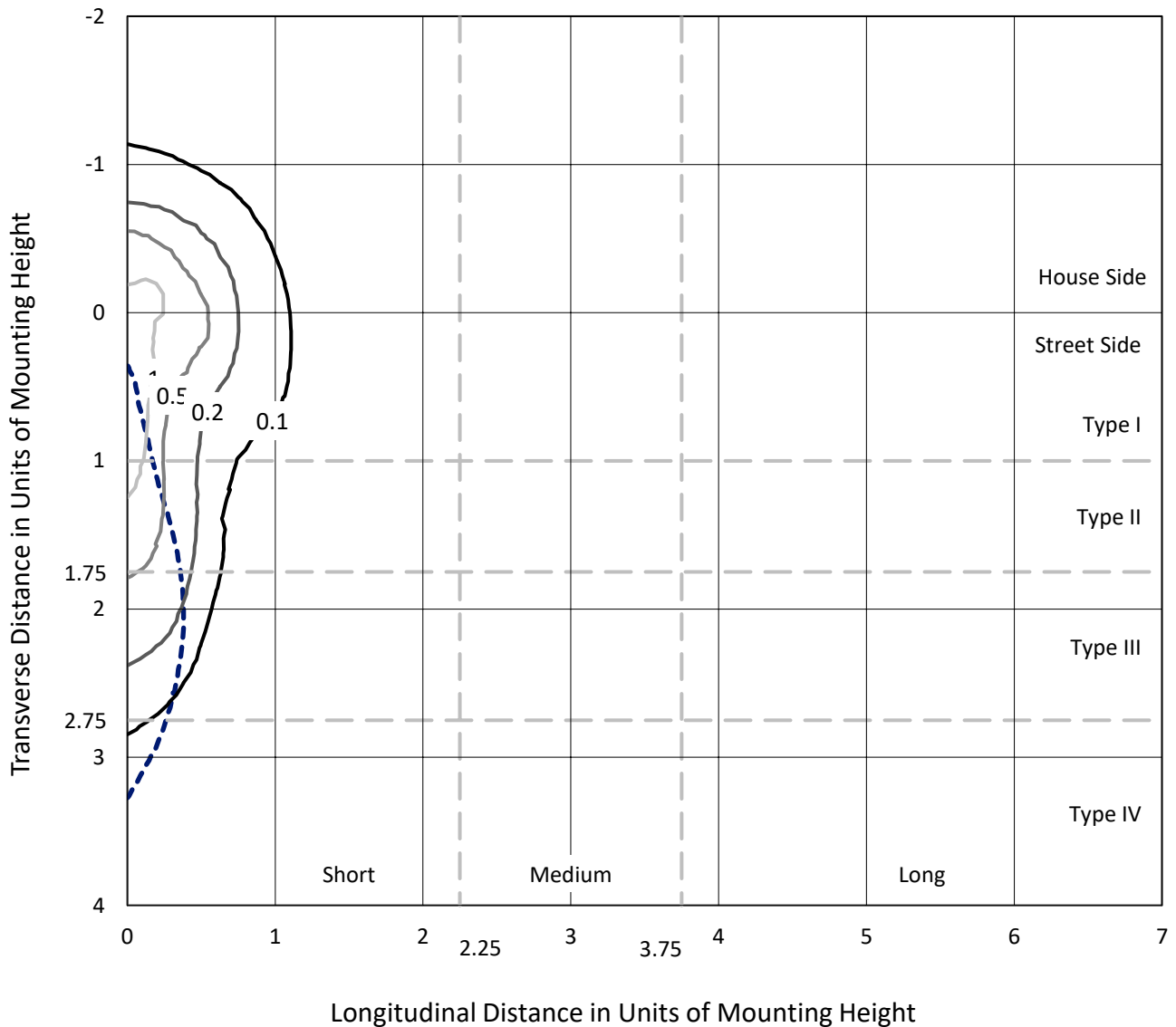
Input Watts (W): 44
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P458557
 CATALOG NUMBER: GLAN-SA1B-735-U-SLR

Iso-Footcandle Lines of Horizontal Illumination

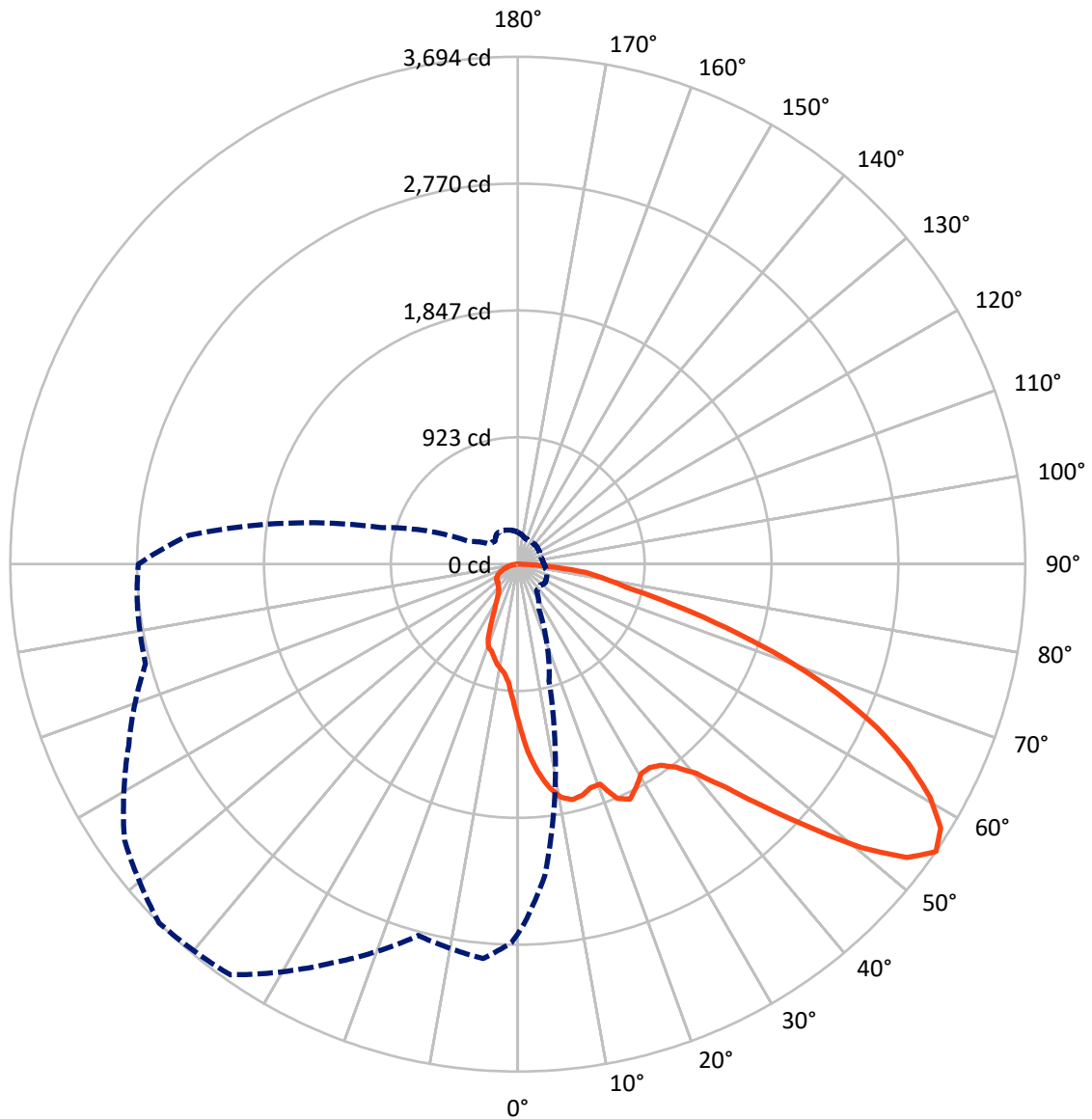
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2 fc
 Type IV - Short - N/A

REPORT NUMBER: P458557
CATALOG NUMBER: GLAN-SA1B-735-U-SLR

Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

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CATALOG NUMBER: GLAN-SA1B-735-U-SLR

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1011.3 | 0.0 | 1011.3 |
| | % Fixture | 21.9 | 0.0 | 21.9 |
| Street Side | Lumens | 3611.7 | 0.0 | 3611.7 |
| | % Fixture | 78.1 | 0.0 | 78.1 |
| Total | Lumens | 4623.0 | 0.0 | 4623.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 98.3 | 2.1 |
| 10°-20° | 260.9 | 5.6 |
| 20°-30° | 450.7 | 9.7 |
| 30°-40° | 523.7 | 11.3 |
| 40°-50° | 730.7 | 15.8 |
| 50°-60° | 991.5 | 21.4 |
| 60°-70° | 943.3 | 20.4 |
| 70°-80° | 509.6 | 11.0 |
| 80°-90° | 114.2 | 2.5 |
| 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° | 4623.0 | 100.0 |
| 0°-180° | 4623.0 | 100.0 |

Coefficient of Utilization



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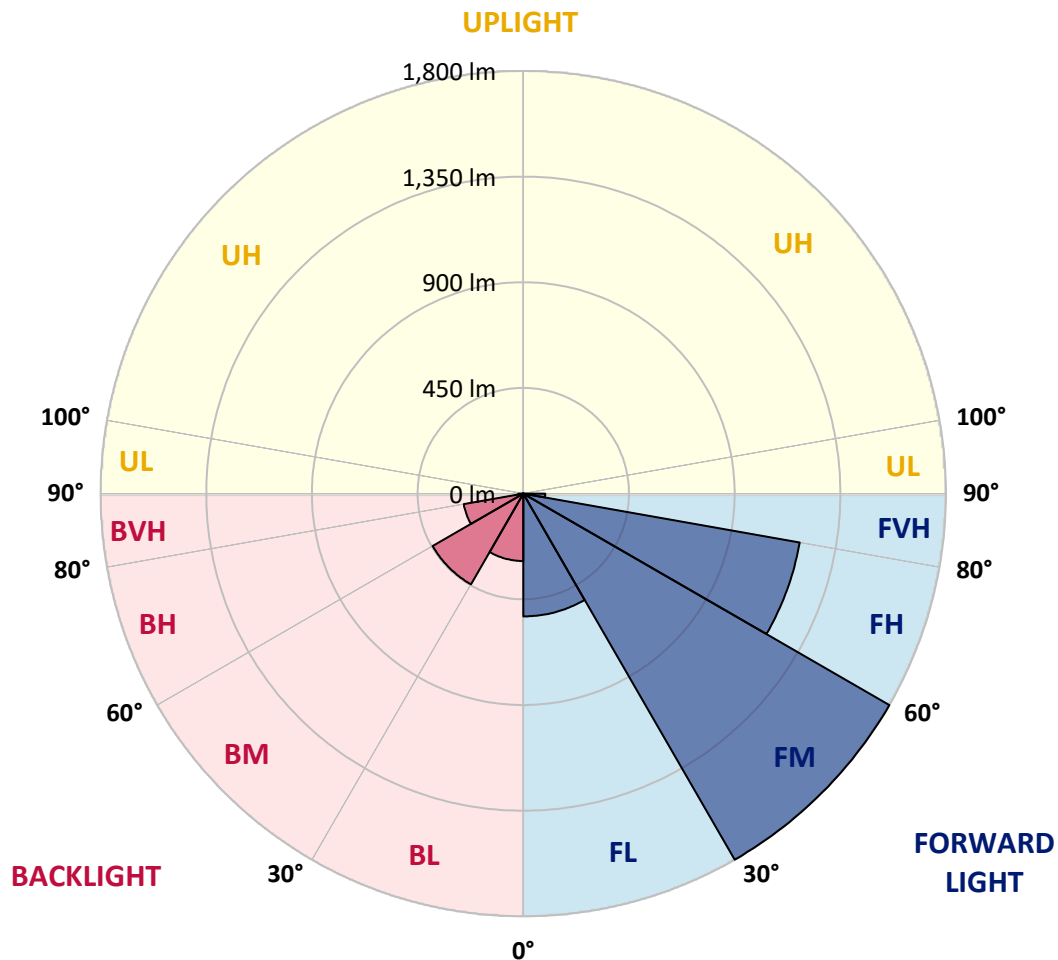
CATALOG NUMBER: GLAN-SA1B-735-U-SLR

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 522.9 | 11.3 | | | |
| FM (30°-60°) | 1800.1 | 38.9 | | | |
| FH (60°-80°) | 1195.4 | 25.9 | | | G1/1800 |
| FVH (80°-90°) | 93.3 | 2.0 | | | G1/100 |
| BL (0°-30°) | 287.0 | 6.2 | B1/500 | | |
| BM (30°-60°) | 445.9 | 9.6 | B1/1000 | | |
| BH (60°-80°) | 257.5 | 5.6 | B1/500 | | G1/500 |
| BVH (80°-90°) | 20.9 | 0.5 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G1

Type IV Short





REPORT NUMBER: P458557
 CATALOG NUMBER: GLAN-SA1B-735-U-SLR

CANDELA DISTRIBUTION (FULL):

| | 0° | 1° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 |
| 2.5° | 1288.9 | 1284.0 | 1270.3 | 1234.3 | 1198.0 | 1161.1 | 1132.7 | 1097.4 | 1060.5 | 1040.6 | 1015.3 |
| 5° | 1306.6 | 1301.1 | 1268.8 | 1187.6 | 1114.1 | 1037.0 | 975.4 | 921.4 | 899.4 | 867.1 | 841.2 |
| 7.5° | 1265.1 | 1262.7 | 1214.2 | 1097.7 | 997.0 | 896.1 | 826.2 | 782.9 | 743.6 | 728.9 | 732.0 |
| 10° | 1227.3 | 1217.5 | 1156.8 | 1004.6 | 887.2 | 805.2 | 755.2 | 712.8 | 685.0 | 677.7 | 679.2 |
| 12.5° | 1195.9 | 1182.8 | 1111.1 | 942.1 | 839.3 | 773.8 | 710.0 | 665.8 | 640.5 | 647.5 | 671.3 |
| 15° | 1189.5 | 1171.8 | 1091.9 | 920.8 | 813.1 | 728.6 | 658.8 | 607.9 | 588.9 | 604.2 | 642.3 |
| 17.5° | 1231.0 | 1208.7 | 1124.8 | 927.8 | 788.1 | 682.6 | 596.9 | 538.6 | 522.8 | 547.2 | 596.9 |
| 20° | 1364.2 | 1331.3 | 1227.6 | 968.4 | 785.7 | 659.7 | 560.9 | 502.3 | 509.0 | 555.4 | 607.2 |
| 22.5° | 1610.7 | 1561.3 | 1407.5 | 1027.5 | 798.5 | 653.9 | 553.6 | 523.1 | 560.0 | 599.3 | 633.5 |
| 25° | 1659.5 | 1620.7 | 1439.9 | 1040.9 | 795.7 | 649.9 | 574.3 | 589.6 | 630.7 | 650.2 | 638.3 |
| 27.5° | 1686.9 | 1642.7 | 1437.7 | 974.5 | 711.5 | 589.6 | 549.0 | 574.3 | 584.7 | 565.8 | 533.4 |
| 30° | 1751.0 | 1704.9 | 1474.0 | 904.6 | 585.9 | 437.4 | 383.4 | 373.0 | 380.0 | 383.7 | 372.1 |
| 32.5° | 1839.1 | 1793.7 | 1542.3 | 858.9 | 506.6 | 361.7 | 308.7 | 294.0 | 290.7 | 286.7 | 282.1 |
| 35° | 1953.2 | 1883.3 | 1609.4 | 829.6 | 474.0 | 334.6 | 285.8 | 274.5 | 269.9 | 264.4 | 259.5 |
| 37.5° | 2069.1 | 1995.9 | 1694.2 | 798.8 | 452.3 | 315.7 | 270.5 | 265.3 | 257.4 | 251.6 | 244.6 |
| 40° | 2192.3 | 2110.2 | 1771.4 | 771.9 | 431.3 | 303.5 | 259.5 | 258.9 | 248.6 | 241.9 | 233.6 |
| 42.5° | 2299.0 | 2214.6 | 1840.3 | 755.5 | 415.1 | 290.7 | 252.8 | 254.7 | 244.0 | 233.9 | 223.3 |
| 45° | 2383.8 | 2300.9 | 1904.1 | 755.5 | 402.0 | 277.8 | 251.6 | 250.4 | 239.7 | 227.2 | 215.0 |
| 47.5° | 2458.2 | 2372.5 | 1966.3 | 774.7 | 393.7 | 267.2 | 244.9 | 247.0 | 236.1 | 220.2 | 208.3 |
| 50° | 2515.9 | 2440.2 | 2050.2 | 804.6 | 385.5 | 258.6 | 236.4 | 248.0 | 233.0 | 216.5 | 202.8 |
| 52.5° | 2589.4 | 2521.7 | 2151.1 | 845.4 | 378.5 | 249.2 | 228.7 | 248.0 | 232.7 | 216.8 | 201.9 |
| 55° | 2691.3 | 2619.9 | 2272.8 | 879.3 | 367.2 | 240.3 | 222.0 | 240.9 | 231.8 | 215.3 | 199.5 |
| 57.5° | 2762.6 | 2709.3 | 2358.8 | 901.9 | 351.0 | 229.0 | 215.9 | 234.2 | 227.8 | 209.5 | 192.1 |
| 58° | 2766.0 | 2713.8 | 2371.3 | 907.0 | 347.1 | 226.9 | 214.4 | 231.2 | 226.0 | 207.1 | 189.7 |
| 60° | 2727.6 | 2682.7 | 2373.8 | 899.7 | 324.5 | 216.2 | 206.5 | 218.7 | 216.2 | 192.8 | 176.6 |
| 62.5° | 2587.9 | 2540.0 | 2275.2 | 840.3 | 294.6 | 203.1 | 194.3 | 201.9 | 196.4 | 172.6 | 157.7 |
| 65° | 2389.3 | 2301.2 | 2072.7 | 746.9 | 273.3 | 189.1 | 177.8 | 178.4 | 172.6 | 155.5 | 142.4 |
| 67.5° | 2124.9 | 2026.4 | 1754.9 | 629.5 | 257.1 | 173.5 | 158.3 | 156.8 | 149.8 | 138.8 | 128.1 |
| 70° | 1799.5 | 1732.1 | 1426.1 | 512.1 | 239.1 | 156.5 | 136.3 | 135.4 | 131.1 | 122.9 | 113.5 |
| 72.5° | 1458.5 | 1372.8 | 1151.7 | 409.9 | 217.2 | 140.0 | 115.9 | 117.7 | 112.2 | 106.4 | 97.9 |
| 75° | 1076.3 | 1020.2 | 890.3 | 328.8 | 187.6 | 122.0 | 96.7 | 97.3 | 94.9 | 88.8 | 82.0 |
| 77.5° | 708.8 | 692.0 | 636.8 | 215.9 | 144.3 | 97.0 | 79.0 | 79.6 | 77.8 | 72.3 | 65.3 |
| 80° | 477.0 | 465.7 | 431.6 | 139.1 | 96.4 | 70.1 | 61.0 | 61.6 | 61.3 | 55.5 | 46.1 |
| 82.5° | 294.0 | 289.1 | 278.2 | 93.9 | 66.8 | 50.3 | 40.3 | 42.1 | 45.4 | 39.0 | 31.4 |
| 85° | 138.8 | 139.1 | 168.1 | 51.2 | 39.3 | 32.3 | 22.0 | 23.5 | 23.5 | 23.5 | 17.7 |
| 87.5° | 18.0 | 18.9 | 23.2 | 21.7 | 14.3 | 12.2 | 7.9 | 6.7 | 5.8 | 7.6 | 5.5 |
| 90° | 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° | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 |
| 2.5° | 1006.5 | 1000.4 | 987.3 | 984.2 | 982.4 | 987.6 | 973.8 | 977.5 | 971.4 | 988.5 | 985.7 |
| 5° | 842.7 | 843.3 | 854.0 | 861.0 | 863.4 | 861.0 | 851.8 | 836.0 | 823.8 | 818.9 | 820.1 |
| 7.5° | 726.2 | 736.9 | 755.2 | 775.6 | 794.2 | 799.7 | 794.5 | 764.3 | 731.4 | 710.6 | 703.9 |
| 10° | 687.5 | 701.8 | 722.8 | 739.0 | 755.5 | 768.6 | 771.3 | 747.8 | 708.8 | 659.7 | 640.5 |
| 12.5° | 689.6 | 709.1 | 729.2 | 734.4 | 732.9 | 738.1 | 735.6 | 731.7 | 706.1 | 643.5 | 611.5 |
| 15° | 669.5 | 692.6 | 706.7 | 703.9 | 699.0 | 694.5 | 688.1 | 678.0 | 668.8 | 624.9 | 589.6 |
| 17.5° | 623.1 | 646.9 | 658.5 | 659.4 | 659.4 | 658.2 | 642.6 | 639.0 | 637.7 | 616.4 | 594.7 |
| 20° | 631.6 | 644.8 | 639.6 | 631.0 | 633.5 | 641.7 | 632.6 | 630.7 | 637.7 | 647.2 | 643.2 |
| 22.5° | 636.5 | 631.9 | 592.9 | 555.1 | 546.5 | 572.2 | 577.4 | 597.8 | 626.2 | 660.3 | 682.6 |
| 25° | 606.3 | 569.4 | 499.6 | 456.9 | 432.8 | 456.6 | 487.7 | 525.5 | 567.9 | 611.8 | 637.7 |
| 27.5° | 506.9 | 478.8 | 428.8 | 390.4 | 369.3 | 373.0 | 399.5 | 434.0 | 473.3 | 502.9 | 521.8 |
| 30° | 381.9 | 369.3 | 343.4 | 330.3 | 317.5 | 314.4 | 325.7 | 338.8 | 356.2 | 359.9 | 364.8 |
| 32.5° | 281.2 | 279.4 | 280.9 | 276.6 | 274.2 | 273.9 | 270.5 | 273.6 | 275.4 | 277.5 | 273.3 |
| 35° | 254.4 | 251.9 | 247.7 | 246.4 | 244.9 | 245.5 | 244.0 | 242.5 | 243.7 | 245.5 | 246.7 |
| 37.5° | 240.6 | 237.0 | 230.9 | 228.7 | 228.7 | 229.7 | 227.2 | 226.6 | 228.7 | 234.5 | 237.6 |
| 40° | 230.0 | 225.7 | 218.7 | 215.9 | 217.8 | 220.2 | 216.8 | 215.6 | 220.8 | 226.9 | 231.8 |
| 42.5° | 219.9 | 216.5 | 209.8 | 206.8 | 208.3 | 212.9 | 208.0 | 207.1 | 213.8 | 220.5 | 226.3 |
| 45° | 211.4 | 208.0 | 201.9 | 200.4 | 201.0 | 205.3 | 201.9 | 201.9 | 208.3 | 215.6 | 220.8 |
| 47.5° | 204.7 | 200.4 | 196.4 | 195.2 | 195.8 | 198.2 | 197.6 | 197.6 | 203.7 | 211.4 | 216.5 |
| 50° | 197.9 | 194.3 | 189.1 | 189.7 | 191.2 | 194.6 | 194.3 | 195.2 | 201.3 | 210.7 | 216.2 |
| 52.5° | 194.9 | 189.4 | 183.6 | 184.2 | 188.8 | 192.8 | 191.5 | 192.5 | 199.5 | 217.2 | 225.1 |
| 55° | 191.5 | 184.2 | 177.5 | 178.4 | 183.6 | 189.4 | 187.9 | 189.1 | 197.3 | 221.4 | 232.4 |
| 57.5° | 185.1 | 176.6 | 169.3 | 169.9 | 177.5 | 183.6 | 181.2 | 182.7 | 192.5 | 216.8 | 228.4 |
| 58° | 182.4 | 175.1 | 168.1 | 168.4 | 175.7 | 182.4 | 179.6 | 180.9 | 190.9 | 215.6 | 226.6 |
| 60° | 170.8 | 166.5 | 160.4 | 160.7 | 167.7 | 173.5 | 172.0 | 173.2 | 183.0 | 206.8 | 215.0 |
| 62.5° | 154.9 | 152.5 | 151.0 | 151.0 | 155.2 | 160.7 | 162.3 | 163.8 | 172.6 | 187.0 | 194.3 |
| 65° | 137.9 | 137.9 | 138.2 | 138.2 | 140.9 | 147.9 | 148.8 | 152.8 | 161.0 | 168.1 | 173.5 |
| 67.5° | 126.3 | 125.7 | 126.3 | 124.7 | 126.0 | 130.2 | 134.8 | 138.5 | 147.0 | 151.9 | 153.7 |
| 70° | 111.3 | 111.0 | 111.3 | 109.2 | 110.7 | 114.4 | 117.4 | 123.5 | 132.4 | 136.0 | 136.9 |
| 72.5° | 96.7 | 96.7 | 97.3 | 95.8 | 95.8 | 99.7 | 101.9 | 108.6 | 116.8 | 118.9 | 119.3 |
| 75° | 81.4 | 82.3 | 82.3 | 80.2 | 80.8 | 83.3 | 86.0 | 91.5 | 99.1 | 100.6 | 100.6 |
| 77.5° | 64.7 | 68.0 | 68.0 | 65.9 | 66.8 | 67.1 | 70.8 | 73.5 | 79.3 | 79.9 | 77.5 |
| 80° | 47.0 | 50.3 | 53.1 | 51.2 | 52.8 | 50.9 | 53.1 | 54.9 | 60.7 | 57.9 | 54.0 |
| 82.5° | 33.5 | 36.0 | 38.1 | 38.4 | 36.9 | 33.5 | 36.3 | 36.6 | 39.3 | 35.7 | 33.5 |
| 85° | 18.6 | 20.7 | 23.5 | 22.3 | 19.8 | 17.7 | 18.6 | 19.2 | 18.9 | 18.0 | 16.8 |
| 87.5° | 4.9 | 5.2 | 5.8 | 4.3 | 4.0 | 3.4 | 4.6 | 4.6 | 5.2 | 5.5 | 5.2 |
| 90° | 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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 CATALOG NUMBER: GLAN-SA1B-735-U-SLR

CANDELA DISTRIBUTION (continued):

| | 185° | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 | 1160.2 |
| 2.5° | 987.9 | 1001.3 | 1030.3 | 1052.2 | 1079.1 | 1111.7 | 1150.1 | 1188.9 | 1230.6 | 1243.8 | 1262.1 |
| 5° | 817.4 | 850.9 | 865.0 | 904.9 | 944.6 | 1004.0 | 1067.5 | 1141.0 | 1221.5 | 1260.2 | 1297.4 |
| 7.5° | 698.4 | 716.4 | 731.1 | 760.3 | 807.9 | 880.2 | 959.8 | 1051.6 | 1165.7 | 1222.1 | 1276.7 |
| 10° | 634.4 | 636.2 | 654.2 | 690.5 | 732.0 | 795.7 | 871.1 | 973.8 | 1101.0 | 1169.6 | 1233.7 |
| 12.5° | 592.0 | 584.1 | 603.6 | 641.4 | 688.4 | 747.2 | 816.5 | 914.4 | 1054.4 | 1124.8 | 1202.3 |
| 15° | 554.8 | 542.3 | 556.9 | 595.7 | 642.0 | 711.2 | 785.7 | 889.4 | 1036.1 | 1118.1 | 1204.1 |
| 17.5° | 555.7 | 521.2 | 526.4 | 559.1 | 605.1 | 675.6 | 765.8 | 888.4 | 1063.8 | 1158.4 | 1260.2 |
| 20° | 624.3 | 569.1 | 545.6 | 551.7 | 596.3 | 673.1 | 775.0 | 931.1 | 1155.0 | 1292.9 | 1401.7 |
| 22.5° | 691.7 | 658.5 | 620.7 | 608.2 | 632.6 | 713.1 | 833.2 | 1032.1 | 1353.3 | 1561.0 | 1757.7 |
| 25° | 668.2 | 696.6 | 687.1 | 669.5 | 674.9 | 741.7 | 872.9 | 1115.1 | 1507.3 | 1741.2 | 1926.0 |
| 27.5° | 534.7 | 586.2 | 596.6 | 596.3 | 598.4 | 653.3 | 785.1 | 1059.2 | 1526.5 | 1775.7 | 1952.3 |
| 30° | 375.8 | 380.3 | 385.8 | 396.5 | 406.3 | 455.4 | 614.3 | 929.9 | 1517.9 | 1791.2 | 1968.1 |
| 32.5° | 271.1 | 277.2 | 284.9 | 299.5 | 322.7 | 385.2 | 537.4 | 888.7 | 1563.1 | 1855.6 | 2014.5 |
| 35° | 248.0 | 255.0 | 262.3 | 279.1 | 301.0 | 359.0 | 506.9 | 871.7 | 1637.2 | 1959.9 | 2097.7 |
| 37.5° | 240.6 | 248.6 | 255.0 | 267.2 | 284.9 | 340.1 | 479.1 | 860.1 | 1713.1 | 2070.3 | 2209.4 |
| 40° | 235.5 | 244.6 | 249.8 | 259.5 | 271.7 | 322.7 | 454.4 | 850.9 | 1786.6 | 2171.2 | 2299.0 |
| 42.5° | 230.9 | 240.3 | 247.0 | 254.1 | 264.1 | 307.1 | 432.5 | 841.8 | 1850.4 | 2269.1 | 2388.4 |
| 45° | 225.4 | 237.3 | 245.8 | 251.3 | 260.2 | 294.0 | 415.7 | 834.5 | 1923.0 | 2356.1 | 2478.7 |
| 47.5° | 220.8 | 233.9 | 244.6 | 251.0 | 254.4 | 284.9 | 402.3 | 844.5 | 2010.2 | 2447.0 | 2562.5 |
| 50° | 221.1 | 233.6 | 247.0 | 257.1 | 248.3 | 277.2 | 394.1 | 884.5 | 2123.7 | 2554.9 | 2628.7 |
| 52.5° | 230.9 | 246.1 | 256.8 | 259.2 | 239.7 | 268.1 | 389.8 | 954.3 | 2257.9 | 2650.4 | 2695.5 |
| 55° | 241.9 | 257.7 | 269.3 | 267.8 | 235.1 | 256.5 | 388.9 | 1028.7 | 2404.9 | 2761.7 | 2782.4 |
| 57.5° | 237.9 | 261.1 | 278.8 | 270.8 | 235.5 | 245.2 | 384.9 | 1088.8 | 2527.8 | 2845.0 | 2868.5 |
| 58° | 236.7 | 259.9 | 280.0 | 270.2 | 234.5 | 241.9 | 384.0 | 1094.0 | 2544.9 | 2850.8 | 2880.7 |
| 60° | 224.8 | 249.2 | 279.1 | 265.6 | 229.4 | 232.7 | 373.9 | 1110.8 | 2540.3 | 2820.9 | 2888.0 |
| 62.5° | 203.1 | 223.3 | 258.0 | 243.4 | 213.5 | 220.5 | 351.4 | 1090.0 | 2416.5 | 2676.9 | 2780.9 |
| 65° | 178.7 | 193.7 | 216.8 | 214.1 | 190.9 | 208.0 | 320.5 | 1008.0 | 2168.5 | 2443.3 | 2552.8 |
| 67.5° | 160.4 | 172.6 | 187.3 | 183.3 | 171.7 | 191.2 | 287.3 | 869.2 | 1890.3 | 2162.7 | 2300.6 |
| 70° | 141.8 | 151.3 | 158.6 | 155.9 | 152.2 | 174.8 | 257.7 | 705.4 | 1623.8 | 1896.1 | 2029.7 |
| 72.5° | 122.9 | 131.8 | 137.9 | 133.9 | 131.8 | 157.4 | 233.6 | 547.5 | 1282.5 | 1564.3 | 1736.0 |
| 75° | 102.8 | 111.6 | 115.9 | 111.3 | 110.1 | 138.8 | 197.9 | 409.0 | 962.3 | 1205.9 | 1354.2 |
| 77.5° | 79.6 | 89.1 | 94.5 | 93.0 | 93.6 | 114.1 | 159.8 | 280.0 | 688.1 | 822.0 | 978.1 |
| 80° | 55.8 | 66.2 | 69.8 | 68.3 | 72.6 | 86.9 | 112.8 | 177.8 | 474.6 | 533.4 | 643.5 |
| 82.5° | 34.5 | 44.2 | 44.8 | 46.4 | 49.4 | 64.4 | 85.1 | 108.3 | 298.0 | 308.0 | 388.0 |
| 85° | 17.4 | 21.0 | 22.6 | 25.0 | 27.8 | 39.3 | 48.5 | 67.1 | 191.8 | 145.2 | 216.8 |
| 87.5° | 5.8 | 6.1 | 7.3 | 9.1 | 11.3 | 16.2 | 20.7 | 27.4 | 47.6 | 26.2 | 67.1 |
| 90° | 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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