

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: McGRAW-EDISON

Report Number: P946752

Luminaire Tested: **GALN-SB2B-760-U-SLR-HSS**

Issue Date: 1/21/2025

Test Information

Test Method: LM-79-08
Report Number: P946752
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/21/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GALN-SB2B-760-U-SLR-HSS
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE
(2) 70 CRI, 5700K, 450mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9093 lumens
Efficiency: N/A
Efficacy: 123.0 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G3

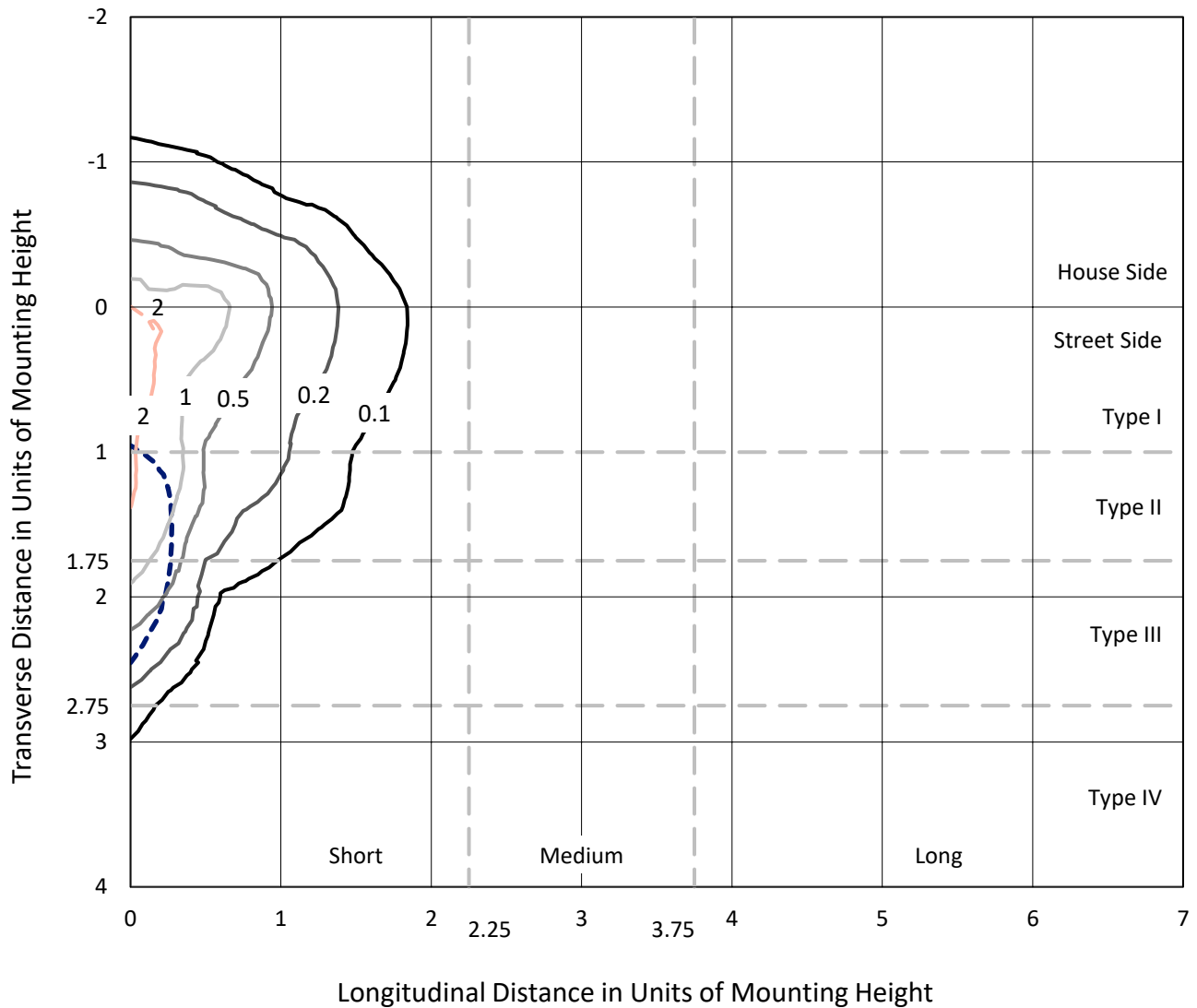
Input Watts (W): 73.9
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P946752
 CATALOG NUMBER: GALN-SB2B-760-U-SLR-HSS

Iso-Footcandle Lines of Horizontal Illumination

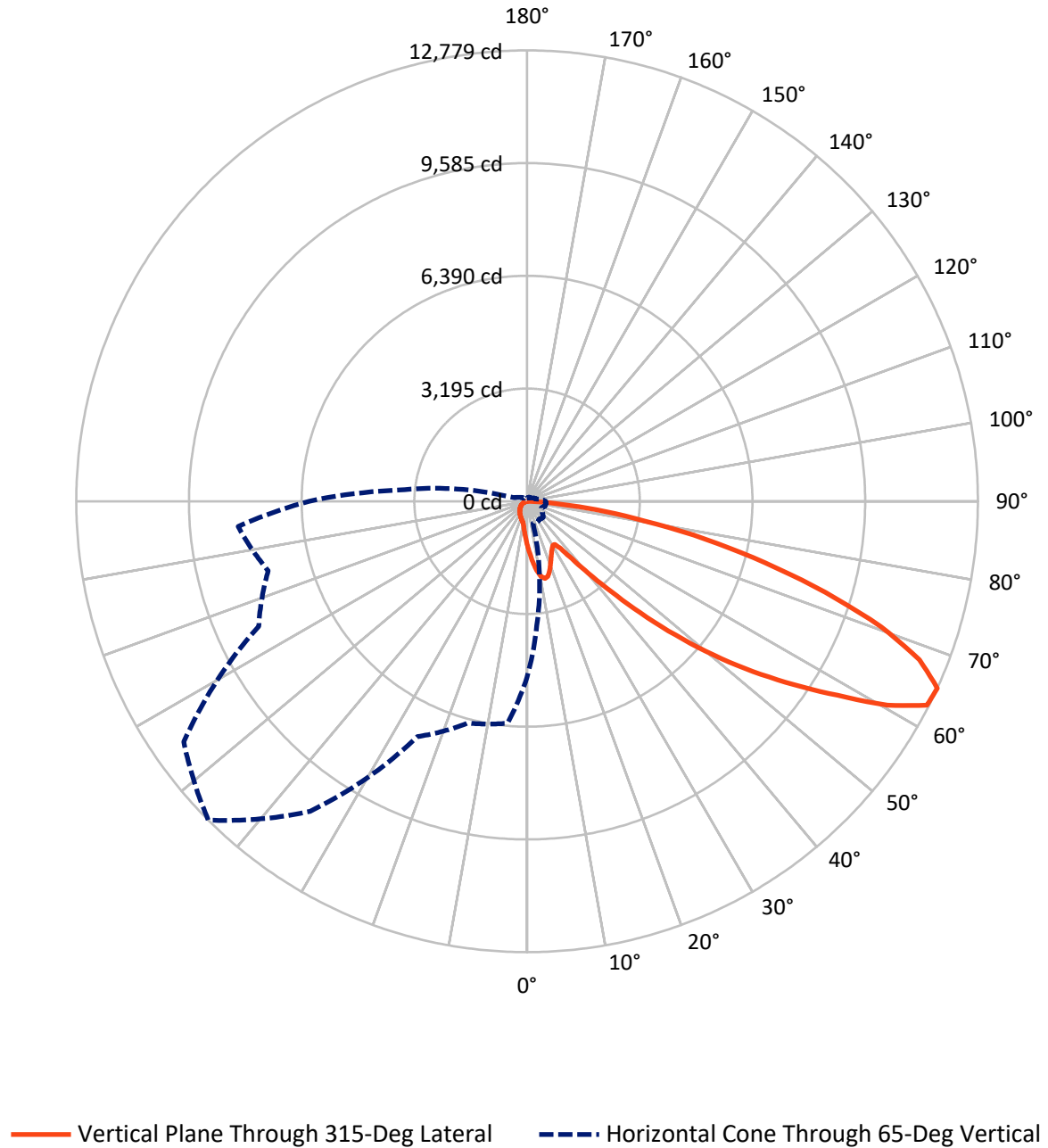
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.8 fc
 Type IV - Short - N/A

REPORT NUMBER: P946752
CATALOG NUMBER: GALN-SB2B-760-U-SLR-HSS

Luminous Intensity Polar Plot



REPORT NUMBER: P946752

CATALOG NUMBER: GALN-SB2B-760-U-SLR-HSS

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1273.4 | 0.0 | 1273.4 |
| | % Fixture | 14.0 | 0.0 | 14.0 |
| Street Side | Lumens | 7819.6 | 0.0 | 7819.6 |
| | % Fixture | 86.0 | 0.0 | 86.0 |
| Total | Lumens | 9093.0 | 0.0 | 9093.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 124.0 | 1.4 |
| 10°-20° | 371.6 | 4.1 |
| 20°-30° | 547.4 | 6.0 |
| 30°-40° | 703.3 | 7.7 |
| 40°-50° | 1137.5 | 12.5 |
| 50°-60° | 1994.7 | 21.9 |
| 60°-70° | 2495.9 | 27.4 |
| 70°-80° | 1458.5 | 16.0 |
| 80°-90° | 260.2 | 2.9 |
| 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° | 9093.0 | 100.0 |
| 0°-180° | 9093.0 | 100.0 |

Coefficient of Utilization



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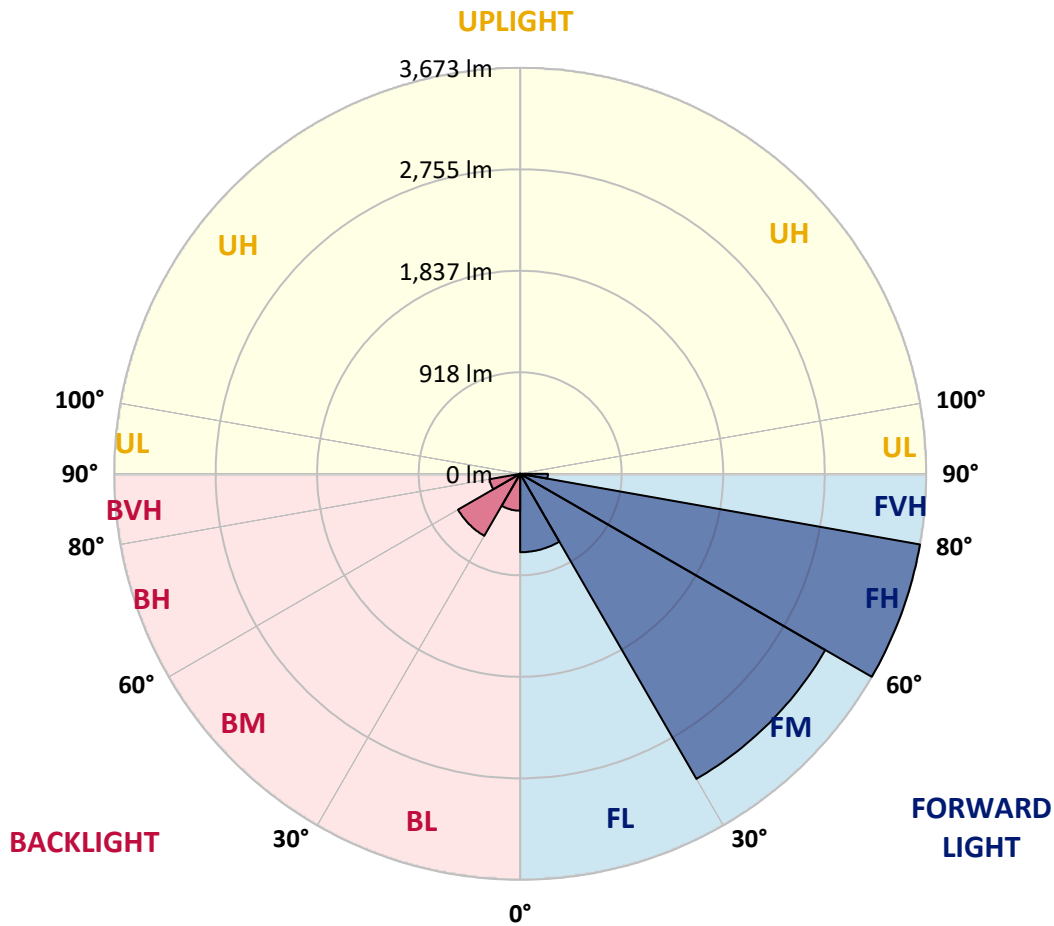
CATALOG NUMBER: GALN-SB2B-760-U-SLR-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 709.2 | 7.8 | | | |
| FM (30°-60°) | 3187.0 | 35.0 | | | |
| FH (60°-80°) | 3673.2 | 40.4 | | | G2/5000 |
| FVH (80°-90°) | 250.2 | 2.8 | | | G3/500 |
| BL (0°-30°) | 333.8 | 3.7 | B1/500 | | |
| BM (30°-60°) | 648.5 | 7.1 | B1/1000 | | |
| BH (60°-80°) | 281.2 | 3.1 | B1/500 | | G1/500 |
| BVH (80°-90°) | 10.0 | 0.1 | | | G0/10 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G3

Type IV Short



REPORT NUMBER: P946752

CATALOG NUMBER: GALN-SB2B-760-U-SLR-HSS

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1259.1 | 1259.1 | 1259.1 | 1259.1 | 1259.1 | 1259.1 | 1259.1 | 1259.1 | 1259.1 | 1259.1 |
| 2.5° | 1422.6 | 1398.2 | 1383.7 | 1348.0 | 1312.3 | 1283.5 | 1244.7 | 1219.0 | 1188.3 | 1158.9 |
| 5° | 1585.5 | 1546.0 | 1498.4 | 1433.2 | 1373.7 | 1313.0 | 1254.1 | 1195.8 | 1134.4 | 1078.1 |
| 7.5° | 1723.3 | 1666.3 | 1582.3 | 1495.9 | 1420.1 | 1346.8 | 1277.9 | 1200.8 | 1126.3 | 1038.0 |
| 10° | 1828.5 | 1755.8 | 1645.6 | 1532.2 | 1445.1 | 1371.2 | 1304.2 | 1239.0 | 1163.9 | 1057.4 |
| 12.5° | 1892.4 | 1814.7 | 1683.8 | 1551.0 | 1451.4 | 1368.7 | 1316.7 | 1287.9 | 1258.5 | 1152.6 |
| 15° | 1939.4 | 1855.4 | 1710.7 | 1564.2 | 1437.0 | 1335.5 | 1297.3 | 1326.1 | 1359.9 | 1292.3 |
| 17.5° | 1988.2 | 1899.9 | 1745.8 | 1569.8 | 1398.2 | 1271.0 | 1254.7 | 1329.2 | 1407.5 | 1404.4 |
| 20° | 2034.6 | 1946.9 | 1776.5 | 1566.0 | 1335.5 | 1192.7 | 1207.1 | 1302.3 | 1393.1 | 1431.4 |
| 22.5° | 2087.8 | 1995.1 | 1805.9 | 1551.6 | 1254.1 | 1119.4 | 1164.5 | 1259.7 | 1339.3 | 1384.4 |
| 25° | 2153.0 | 2055.9 | 1847.3 | 1530.3 | 1166.4 | 1058.6 | 1121.3 | 1210.2 | 1274.7 | 1306.1 |
| 27.5° | 2223.1 | 2128.6 | 1902.4 | 1519.1 | 1095.6 | 1015.4 | 1072.4 | 1151.3 | 1209.0 | 1230.9 |
| 30° | 2310.2 | 2213.1 | 1967.6 | 1506.5 | 1049.2 | 990.4 | 1021.7 | 1083.1 | 1139.4 | 1161.4 |
| 32.5° | 2405.4 | 2307.1 | 2030.2 | 1476.5 | 1021.1 | 971.6 | 972.2 | 1011.0 | 1062.4 | 1088.7 |
| 35° | 2524.4 | 2419.8 | 2097.2 | 1410.7 | 998.5 | 949.6 | 924.0 | 942.8 | 985.3 | 1016.7 |
| 37.5° | 2694.2 | 2567.7 | 2179.3 | 1316.7 | 965.3 | 915.8 | 873.2 | 877.6 | 910.2 | 944.6 |
| 40° | 2928.5 | 2766.2 | 2275.8 | 1219.0 | 917.7 | 868.2 | 817.5 | 815.6 | 839.4 | 873.2 |
| 42.5° | 3245.4 | 3028.7 | 2391.6 | 1125.7 | 872.0 | 810.6 | 758.6 | 755.5 | 774.2 | 803.7 |
| 45° | 3663.9 | 3364.5 | 2533.8 | 1045.5 | 836.3 | 754.2 | 702.8 | 701.6 | 717.2 | 742.9 |
| 47.5° | 4199.5 | 3831.1 | 2676.0 | 991.0 | 817.5 | 709.7 | 657.1 | 659.6 | 673.4 | 696.6 |
| 50° | 4892.9 | 4439.4 | 2719.3 | 963.4 | 817.5 | 685.9 | 616.4 | 628.9 | 640.2 | 657.7 |
| 52.5° | 5724.2 | 5023.2 | 2576.4 | 938.4 | 822.5 | 689.1 | 581.9 | 608.9 | 617.0 | 632.1 |
| 55° | 6494.6 | 5309.5 | 2215.0 | 903.9 | 823.7 | 708.5 | 552.5 | 592.6 | 607.6 | 613.3 |
| 57.5° | 6941.9 | 5211.1 | 1790.9 | 845.7 | 818.7 | 721.6 | 533.7 | 572.5 | 601.4 | 605.1 |
| 60° | 6856.7 | 4866.0 | 1318.6 | 801.2 | 781.8 | 716.6 | 528.1 | 541.8 | 587.6 | 593.2 |
| 62.5° | 6200.2 | 4287.2 | 915.2 | 766.7 | 700.3 | 694.7 | 526.2 | 493.6 | 557.5 | 571.3 |
| 65° | 4983.7 | 3375.1 | 646.5 | 660.2 | 613.9 | 647.1 | 516.2 | 443.5 | 521.2 | 540.0 |
| 67.5° | 3615.7 | 2283.9 | 466.7 | 535.0 | 556.3 | 570.0 | 493.6 | 407.2 | 479.8 | 504.9 |
| 70° | 2320.2 | 1233.4 | 327.6 | 353.3 | 468.6 | 484.2 | 454.8 | 374.6 | 437.9 | 466.7 |
| 72.5° | 1649.3 | 728.5 | 235.5 | 247.4 | 376.5 | 403.4 | 400.3 | 338.3 | 389.0 | 424.1 |
| 75° | 1138.2 | 401.5 | 159.1 | 176.6 | 273.1 | 327.6 | 308.8 | 290.7 | 329.5 | 365.2 |
| 77.5° | 713.5 | 179.8 | 95.2 | 122.8 | 179.2 | 257.5 | 211.7 | 224.9 | 256.8 | 290.0 |
| 80° | 397.1 | 69.5 | 53.2 | 81.4 | 97.7 | 187.3 | 117.1 | 144.7 | 189.2 | 213.0 |
| 82.5° | 86.4 | 8.8 | 23.8 | 35.1 | 38.2 | 109.0 | 62.0 | 83.9 | 119.0 | 117.1 |
| 85° | 0.0 | 0.0 | 4.4 | 5.0 | 2.5 | 47.0 | 22.6 | 27.6 | 38.8 | 36.3 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 |
| 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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 CATALOG NUMBER: GALN-SB2B-760-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| 90° | | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1259.1 | 0° | 1259.1 | 1259.1 | 1259.1 | 1259.1 | 1259.1 | 1259.1 | 1259.1 | 1259.1 | 1259.1 | 1259.1 |
| 1132.6 | 2.5° | 1127.5 | 1096.8 | 1074.3 | 1063.0 | 1053.6 | 1062.4 | 1067.4 | 1067.4 | 1088.7 | 1101.2 |
| 1043.6 | 5° | 1021.7 | 966.6 | 924.6 | 896.4 | 879.5 | 885.1 | 891.4 | 898.3 | 925.2 | 943.4 |
| 991.0 | 7.5° | 948.4 | 863.8 | 799.9 | 760.5 | 739.8 | 742.9 | 747.3 | 752.9 | 779.3 | 797.4 |
| 998.5 | 10° | 934.6 | 813.1 | 722.9 | 670.9 | 645.8 | 641.4 | 638.9 | 637.1 | 652.7 | 666.5 |
| 1083.7 | 12.5° | 991.0 | 815.6 | 689.7 | 626.4 | 595.7 | 582.6 | 567.5 | 555.6 | 558.1 | 566.9 |
| 1212.7 | 15° | 1091.8 | 847.5 | 679.0 | 603.2 | 565.0 | 543.1 | 525.6 | 511.2 | 508.0 | 511.2 |
| 1325.5 | 17.5° | 1207.1 | 890.8 | 677.8 | 583.2 | 535.6 | 513.0 | 498.6 | 485.5 | 481.1 | 481.7 |
| 1388.8 | 20° | 1283.5 | 925.2 | 674.0 | 560.6 | 507.4 | 487.3 | 474.8 | 461.7 | 457.3 | 458.5 |
| 1371.2 | 22.5° | 1291.0 | 943.4 | 668.4 | 535.6 | 479.2 | 462.3 | 449.8 | 437.9 | 437.2 | 437.2 |
| 1305.4 | 25° | 1250.3 | 943.4 | 656.5 | 513.0 | 452.3 | 437.2 | 426.0 | 411.6 | 414.1 | 415.3 |
| 1230.9 | 27.5° | 1187.1 | 920.8 | 633.9 | 494.9 | 429.1 | 413.4 | 402.2 | 389.0 | 392.1 | 394.0 |
| 1161.4 | 30° | 1124.4 | 892.0 | 607.0 | 474.2 | 407.2 | 389.0 | 380.9 | 369.6 | 370.8 | 373.3 |
| 1092.5 | 32.5° | 1066.2 | 861.3 | 575.0 | 457.3 | 385.2 | 367.1 | 360.8 | 348.3 | 350.2 | 352.7 |
| 1024.8 | 35° | 1008.5 | 827.5 | 537.5 | 437.2 | 365.2 | 347.0 | 342.0 | 327.6 | 328.9 | 332.6 |
| 957.2 | 37.5° | 946.5 | 791.8 | 506.8 | 417.2 | 345.8 | 327.0 | 322.0 | 306.9 | 308.2 | 312.6 |
| 887.0 | 40° | 881.4 | 756.7 | 476.7 | 395.9 | 325.1 | 306.3 | 301.9 | 285.6 | 286.9 | 291.9 |
| 818.1 | 42.5° | 815.6 | 718.5 | 453.5 | 368.3 | 303.8 | 283.8 | 279.4 | 264.3 | 266.2 | 271.9 |
| 758.0 | 45° | 754.8 | 672.8 | 438.5 | 337.6 | 283.8 | 261.2 | 256.8 | 243.0 | 246.8 | 253.1 |
| 707.2 | 47.5° | 702.8 | 625.8 | 432.2 | 312.0 | 262.5 | 238.0 | 234.3 | 223.0 | 229.3 | 236.2 |
| 664.0 | 50° | 658.4 | 580.7 | 424.1 | 285.6 | 242.4 | 218.0 | 214.2 | 206.7 | 214.9 | 221.8 |
| 634.6 | 52.5° | 626.4 | 529.3 | 406.5 | 261.8 | 224.9 | 201.1 | 199.8 | 196.1 | 203.6 | 209.8 |
| 612.6 | 55° | 598.9 | 476.1 | 378.4 | 241.2 | 209.2 | 186.7 | 187.9 | 186.0 | 192.3 | 197.3 |
| 599.5 | 57.5° | 573.8 | 429.7 | 342.6 | 224.9 | 192.3 | 174.1 | 177.9 | 175.4 | 178.5 | 181.7 |
| 585.7 | 60° | 543.7 | 382.7 | 300.1 | 206.7 | 172.3 | 161.6 | 166.0 | 159.1 | 158.5 | 159.7 |
| 560.6 | 62.5° | 499.3 | 319.5 | 255.6 | 184.2 | 154.7 | 147.8 | 149.7 | 136.6 | 126.5 | 126.5 |
| 523.7 | 65° | 437.2 | 256.8 | 214.2 | 159.1 | 134.7 | 129.0 | 127.8 | 109.0 | 95.2 | 94.0 |
| 483.6 | 67.5° | 365.2 | 211.1 | 177.9 | 134.1 | 112.1 | 108.4 | 109.6 | 95.8 | 82.1 | 80.8 |
| 443.5 | 70° | 297.5 | 174.8 | 143.4 | 107.1 | 86.4 | 90.2 | 95.8 | 82.1 | 68.9 | 67.0 |
| 396.5 | 72.5° | 241.8 | 139.1 | 112.1 | 82.1 | 63.9 | 74.5 | 81.4 | 67.0 | 54.5 | 53.2 |
| 338.3 | 75° | 186.7 | 102.1 | 80.2 | 55.8 | 46.4 | 57.6 | 63.9 | 48.9 | 38.8 | 37.0 |
| 261.8 | 77.5° | 124.7 | 63.3 | 45.1 | 35.1 | 27.6 | 39.5 | 42.6 | 25.7 | 22.6 | 21.9 |
| 190.4 | 80° | 75.8 | 29.4 | 19.4 | 16.9 | 9.4 | 14.4 | 16.9 | 10.6 | 11.9 | 12.5 |
| 101.5 | 82.5° | 38.2 | 8.1 | 3.1 | 0.6 | 0.0 | 0.0 | 5.0 | 2.5 | 5.0 | 6.3 |
| 27.6 | 85° | 3.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 3.1 |
| 0.0 | 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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 CATALOG NUMBER: GALN-SB2B-760-U-SLR-HSS

CANDELA DISTRIBUTION (continued):

| 185° | | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1259.1 | 0° | 1259.1 | 1259.1 | 1259.1 | 1259.1 | 1259.1 | 1259.1 | 1259.1 | 1259.1 | 1259.1 | 1259.1 |
| 1106.2 | 2.5° | 1141.3 | 1167.6 | 1192.7 | 1232.8 | 1274.1 | 1314.8 | 1356.2 | 1396.3 | 1410.7 | 1421.3 |
| 955.3 | 5° | 1009.8 | 1059.3 | 1116.9 | 1196.4 | 1281.6 | 1369.3 | 1458.3 | 1539.7 | 1576.7 | 1601.7 |
| 813.1 | 7.5° | 873.8 | 938.4 | 1021.1 | 1140.7 | 1274.1 | 1413.8 | 1553.5 | 1681.9 | 1741.4 | 1789.7 |
| 679.0 | 10° | 739.2 | 809.3 | 913.9 | 1050.5 | 1230.9 | 1431.4 | 1624.3 | 1800.9 | 1878.0 | 1938.7 |
| 582.6 | 12.5° | 620.8 | 686.5 | 796.2 | 947.1 | 1163.2 | 1417.6 | 1665.0 | 1877.4 | 1968.2 | 2036.5 |
| 513.7 | 15° | 537.5 | 583.8 | 680.9 | 843.8 | 1083.1 | 1373.1 | 1667.5 | 1913.7 | 2013.3 | 2084.7 |
| 484.8 | 17.5° | 491.1 | 506.8 | 570.0 | 738.5 | 994.1 | 1314.8 | 1644.3 | 1926.2 | 2032.7 | 2099.1 |
| 459.2 | 20° | 466.1 | 468.6 | 486.1 | 602.0 | 880.1 | 1260.3 | 1622.4 | 1938.7 | 2050.9 | 2106.6 |
| 441.0 | 22.5° | 446.0 | 446.0 | 450.4 | 492.4 | 732.9 | 1195.2 | 1615.5 | 1960.7 | 2075.9 | 2110.4 |
| 420.3 | 25° | 427.8 | 427.8 | 429.1 | 440.4 | 580.7 | 1095.6 | 1611.1 | 1994.5 | 2110.4 | 2119.8 |
| 399.7 | 27.5° | 409.0 | 409.7 | 409.7 | 415.9 | 467.9 | 960.3 | 1592.3 | 2038.3 | 2151.7 | 2132.3 |
| 379.6 | 30° | 390.3 | 391.5 | 391.5 | 395.9 | 414.1 | 801.8 | 1555.4 | 2091.0 | 2205.6 | 2148.6 |
| 359.6 | 32.5° | 371.5 | 372.7 | 372.7 | 376.5 | 389.6 | 640.2 | 1509.0 | 2139.2 | 2260.1 | 2155.5 |
| 340.1 | 35° | 352.0 | 353.9 | 352.7 | 357.7 | 371.5 | 509.3 | 1450.1 | 2187.4 | 2319.0 | 2177.4 |
| 321.3 | 37.5° | 332.6 | 333.9 | 333.3 | 338.3 | 353.9 | 439.7 | 1381.9 | 2223.8 | 2399.2 | 2226.3 |
| 301.3 | 40° | 313.2 | 312.6 | 312.6 | 318.2 | 335.1 | 419.7 | 1296.0 | 2281.4 | 2514.4 | 2312.1 |
| 281.3 | 42.5° | 293.2 | 293.2 | 291.9 | 298.2 | 318.8 | 404.7 | 1214.0 | 2384.8 | 2682.3 | 2448.6 |
| 262.5 | 45° | 275.0 | 274.4 | 271.9 | 277.5 | 303.2 | 378.4 | 1185.2 | 2577.7 | 2930.4 | 2669.8 |
| 243.7 | 47.5° | 257.5 | 256.8 | 250.6 | 255.6 | 284.4 | 354.5 | 1292.9 | 2893.4 | 3274.3 | 2994.9 |
| 228.6 | 50° | 241.8 | 242.4 | 230.5 | 234.9 | 265.6 | 336.4 | 1526.6 | 3303.1 | 3730.9 | 3432.7 |
| 216.1 | 52.5° | 227.4 | 227.4 | 211.7 | 214.2 | 242.4 | 320.1 | 1748.9 | 3747.2 | 4333.5 | 4043.5 |
| 203.0 | 55° | 213.0 | 211.7 | 194.2 | 195.4 | 219.2 | 296.9 | 1782.1 | 4180.7 | 5155.4 | 4962.4 |
| 188.6 | 57.5° | 196.7 | 194.2 | 177.9 | 177.9 | 197.9 | 280.0 | 1544.7 | 4513.9 | 6175.2 | 6313.0 |
| 161.6 | 60° | 176.6 | 174.8 | 164.1 | 161.0 | 181.0 | 295.0 | 1090.0 | 4552.8 | 6832.9 | 8108.9 |
| 128.4 | 62.5° | 151.0 | 153.5 | 147.8 | 143.4 | 164.7 | 306.3 | 645.8 | 4240.2 | 6673.8 | 8680.2 |
| 99.6 | 65° | 119.0 | 129.0 | 127.8 | 124.7 | 181.0 | 258.1 | 381.5 | 3640.1 | 6185.8 | 8219.2 |
| 87.1 | 67.5° | 101.5 | 108.4 | 106.5 | 106.5 | 189.8 | 196.1 | 239.9 | 2843.9 | 5514.3 | 7672.3 |
| 72.7 | 70° | 86.4 | 93.3 | 86.4 | 86.4 | 143.4 | 119.0 | 166.0 | 1985.7 | 4789.6 | 7067.2 |
| 58.3 | 72.5° | 71.4 | 78.3 | 70.8 | 65.8 | 114.6 | 89.0 | 121.5 | 1240.9 | 4101.8 | 6437.0 |
| 41.3 | 75° | 54.5 | 62.6 | 57.0 | 50.7 | 75.8 | 66.4 | 92.1 | 721.0 | 3398.3 | 5507.4 |
| 25.1 | 77.5° | 34.5 | 45.1 | 42.6 | 35.7 | 55.8 | 48.2 | 66.4 | 429.1 | 2622.2 | 4303.5 |
| 15.0 | 80° | 21.3 | 23.2 | 23.8 | 22.6 | 31.9 | 32.6 | 45.1 | 244.3 | 1794.7 | 2999.3 |
| 9.4 | 82.5° | 13.8 | 13.8 | 10.6 | 11.9 | 15.7 | 18.8 | 25.7 | 92.1 | 1054.9 | 1826.0 |
| 5.6 | 85° | 10.0 | 8.8 | 5.6 | 5.6 | 7.5 | 9.4 | 10.0 | 28.2 | 427.8 | 721.0 |
| 2.5 | 87.5° | 5.0 | 4.4 | 1.9 | 2.5 | 3.8 | 3.1 | 2.5 | 1.3 | 107.7 | 230.5 |
| 0.0 | 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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