

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: P299456

Luminaire Tested: **GAA-AF-01-LED-U-SLR-7030-600**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P299456
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P194679)
Test Lab: INNOVATION CENTER P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAA-AF-01-LED-U-SLR-7030-600
Description: GALLEONNAIRE AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 3000K CCT 600mA LIGHTSQUARE WITH 16 LEDS EACH AND 90° Spill
Light Eliminator Right OPTICS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3478.6 lumens
Efficiency: N/A
Efficacy: 102.3 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B1 - U0 - G1

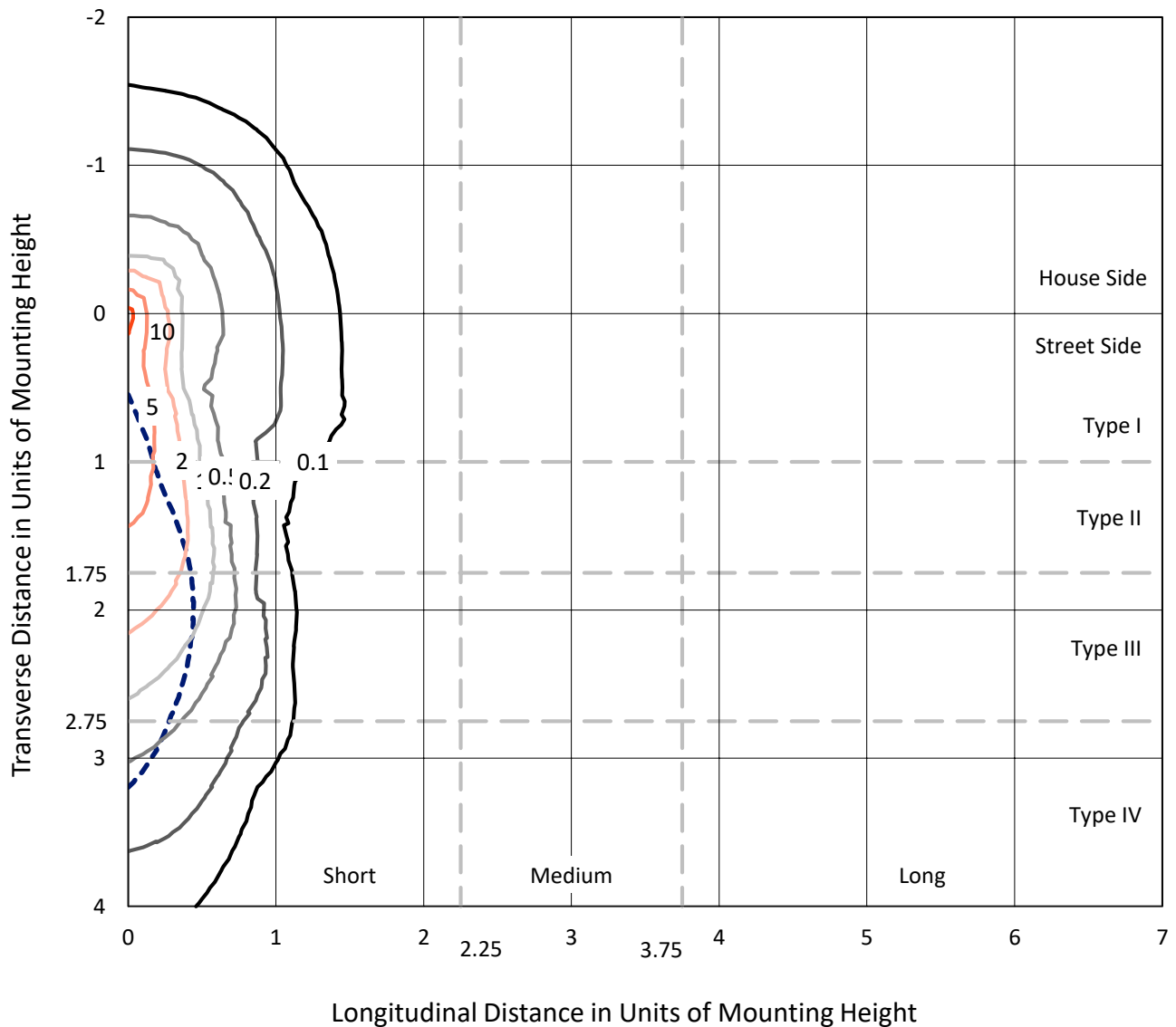
Input Watts (W): 34
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P299456
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Iso-Footcandle Lines of Horizontal Illumination

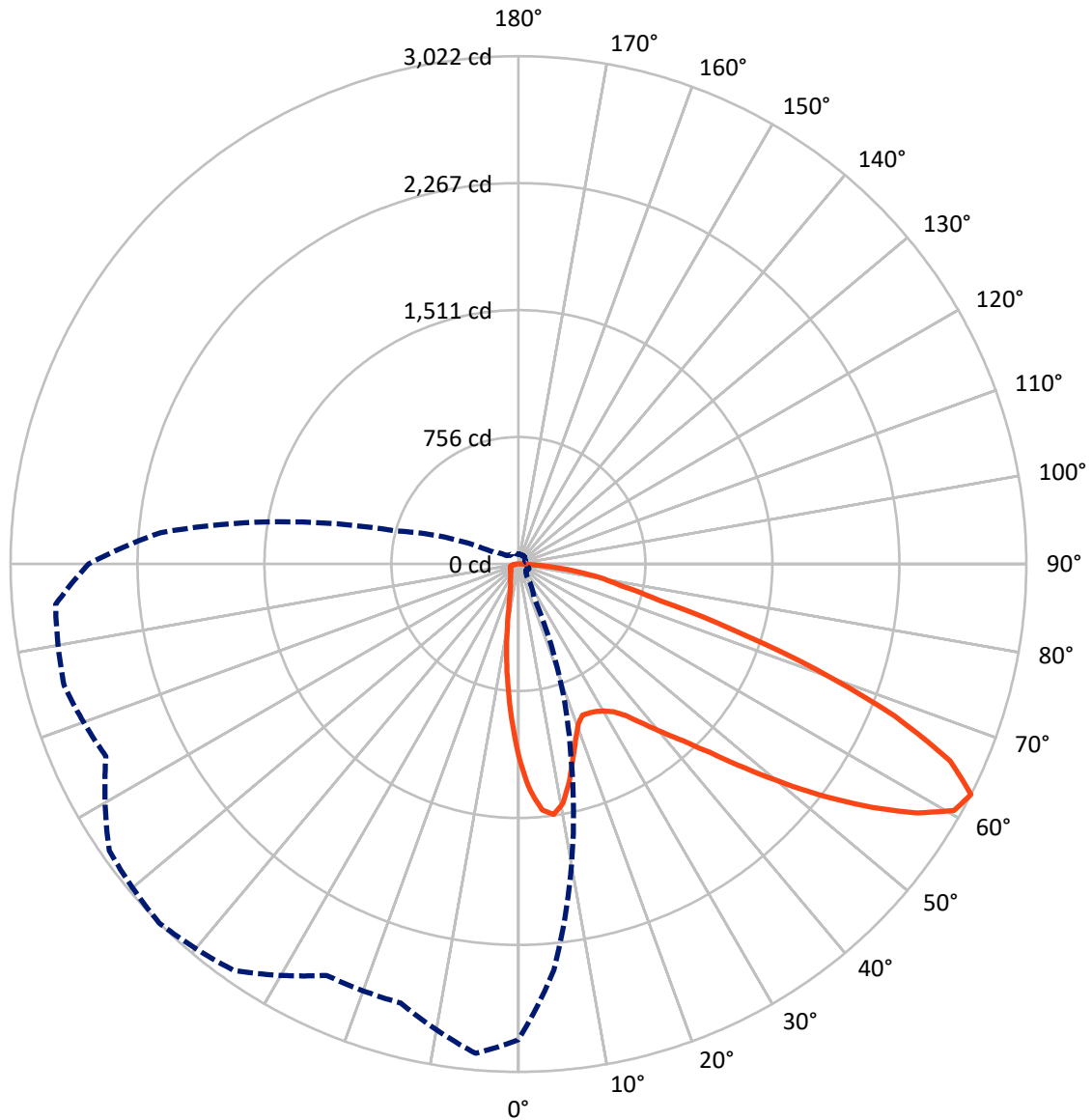
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.8 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 575.7 | 0.0 | 575.7 |
| | % Fixture | 16.5 | 0.0 | 16.5 |
| Street Side | Lumens | 2902.9 | 0.0 | 2902.9 |
| | % Fixture | 83.5 | 0.0 | 83.5 |
| Total | Lumens | 3478.6 | 0.0 | 3478.6 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 85.6 | 2.5 |
| 10°-20° | 156.9 | 4.5 |
| 20°-30° | 228.7 | 6.6 |
| 30°-40° | 352.3 | 10.1 |
| 40°-50° | 518.5 | 14.9 |
| 50°-60° | 760.5 | 21.9 |
| 60°-70° | 850.1 | 24.4 |
| 70°-80° | 416.2 | 12.0 |
| 80°-90° | 109.9 | 3.2 |
| 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° | 3478.6 | 100.0 |
| 0°-180° | 3478.6 | 100.0 |

Coefficient of Utilization



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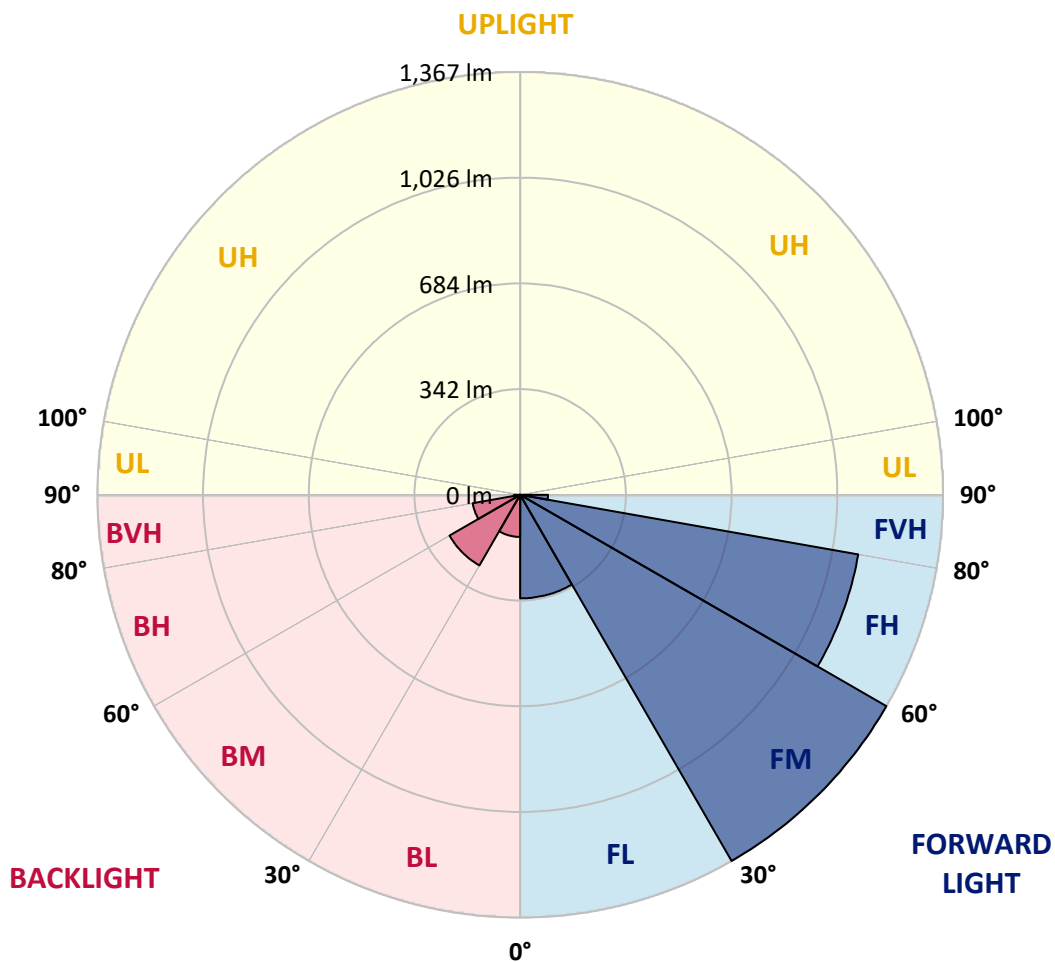
CATALOG NUMBER: GAA-AF-01-LED-U-SLR-7030-600

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|--------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 335.0 | 9.6 | | | |
| FM | (30°-60°) | 1367.5 | 39.3 | | | |
| FH | (60°-80°) | 1110.2 | 31.9 | | | G1/1800 |
| FVH | (80°-90°) | 90.2 | 2.6 | | | G1/100 |
| BL | (0°-30°) | 136.2 | 3.9 | B1/500 | | |
| BM | (30°-60°) | 263.8 | 7.6 | B1/1000 | | |
| BH | (60°-80°) | 156.1 | 4.5 | B1/500 | | G1/500 |
| BVH | (80°-90°) | 19.6 | 0.6 | | | 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





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 |
| 2.5° | 1221.1 | 1196.3 | 1155.0 | 1111.9 | 1085.8 | 1055.2 | 1031.2 | 1010.2 | 968.1 | 959.9 | 967.4 |
| 5° | 1148.3 | 1098.4 | 1020.5 | 942.2 | 889.9 | 833.9 | 790.3 | 755.3 | 702.0 | 692.6 | 703.9 |
| 7.5° | 1031.5 | 971.8 | 868.9 | 768.9 | 695.1 | 625.1 | 578.1 | 540.6 | 498.9 | 480.9 | 482.0 |
| 10° | 930.7 | 863.4 | 741.7 | 633.0 | 572.5 | 525.3 | 485.7 | 447.3 | 405.0 | 377.3 | 369.6 |
| 12.5° | 874.2 | 796.9 | 656.6 | 559.5 | 503.5 | 453.8 | 411.1 | 370.0 | 324.9 | 296.6 | 288.6 |
| 15° | 864.5 | 780.4 | 624.7 | 512.5 | 442.3 | 379.4 | 329.1 | 283.2 | 236.7 | 213.8 | 209.0 |
| 17.5° | 906.8 | 809.8 | 614.4 | 470.6 | 384.7 | 307.1 | 245.3 | 194.1 | 156.2 | 144.8 | 143.8 |
| 20° | 987.8 | 866.4 | 613.1 | 431.2 | 327.9 | 236.9 | 170.9 | 133.7 | 117.1 | 113.8 | 114.0 |
| 22.5° | 1101.6 | 954.2 | 629.5 | 401.6 | 275.7 | 176.7 | 128.5 | 111.8 | 105.4 | 102.3 | 102.3 |
| 25° | 1248.9 | 1075.1 | 667.4 | 380.0 | 230.4 | 141.1 | 113.4 | 103.4 | 97.3 | 95.2 | 95.6 |
| 27.5° | 1391.5 | 1192.6 | 711.3 | 363.0 | 200.8 | 128.1 | 107.4 | 98.5 | 93.1 | 91.0 | 92.0 |
| 30° | 1502.8 | 1297.1 | 748.0 | 339.8 | 185.7 | 124.5 | 109.6 | 100.4 | 92.7 | 89.5 | 89.7 |
| 32.5° | 1595.0 | 1388.5 | 778.8 | 323.1 | 172.3 | 106.7 | 94.5 | 90.4 | 89.5 | 85.7 | 83.8 |
| 35° | 1712.8 | 1488.1 | 799.5 | 323.5 | 166.0 | 95.2 | 84.1 | 77.1 | 71.9 | 67.5 | 67.5 |
| 37.5° | 1850.8 | 1602.4 | 821.5 | 327.9 | 163.7 | 88.5 | 80.5 | 73.4 | 68.7 | 64.4 | 63.7 |
| 40° | 1987.3 | 1714.5 | 841.6 | 332.2 | 162.3 | 84.5 | 77.6 | 71.1 | 66.7 | 62.5 | 61.4 |
| 42.5° | 2103.5 | 1806.7 | 859.5 | 334.3 | 157.7 | 84.1 | 75.5 | 69.6 | 65.4 | 60.8 | 59.7 |
| 45° | 2189.3 | 1883.9 | 878.9 | 337.5 | 153.2 | 85.7 | 75.5 | 69.4 | 64.3 | 59.9 | 58.7 |
| 47.5° | 2266.0 | 1974.6 | 911.2 | 337.5 | 147.6 | 82.8 | 78.0 | 69.6 | 64.1 | 59.5 | 58.5 |
| 50° | 2368.7 | 2098.8 | 972.4 | 329.7 | 139.8 | 79.7 | 82.2 | 68.8 | 62.3 | 58.7 | 57.5 |
| 52.5° | 2510.1 | 2258.2 | 1069.5 | 316.1 | 127.8 | 73.8 | 81.6 | 68.5 | 60.6 | 56.8 | 55.5 |
| 55° | 2677.5 | 2428.7 | 1175.4 | 300.2 | 109.8 | 69.6 | 78.8 | 67.5 | 58.7 | 54.5 | 53.1 |
| 57.5° | 2808.1 | 2546.1 | 1250.0 | 275.7 | 94.1 | 67.3 | 69.8 | 66.6 | 56.4 | 52.0 | 50.9 |
| 60° | 2860.1 | 2541.5 | 1270.5 | 243.0 | 86.4 | 65.4 | 61.0 | 74.6 | 54.5 | 50.1 | 48.7 |
| 62.5° | 2832.0 | 2424.1 | 1213.1 | 220.1 | 84.7 | 62.9 | 57.2 | 69.0 | 53.0 | 48.7 | 46.8 |
| 65° | 2702.2 | 2216.1 | 1061.1 | 214.0 | 89.7 | 60.4 | 54.7 | 54.1 | 50.9 | 46.8 | 44.9 |
| 67.5° | 2419.3 | 1905.1 | 849.6 | 214.5 | 96.0 | 57.9 | 52.2 | 49.6 | 48.0 | 44.7 | 43.0 |
| 70° | 1970.6 | 1506.3 | 633.3 | 216.1 | 99.2 | 55.1 | 49.6 | 46.7 | 44.9 | 41.7 | 40.5 |
| 72.5° | 1448.9 | 1160.9 | 460.1 | 206.1 | 99.8 | 51.8 | 45.9 | 43.4 | 41.7 | 38.3 | 37.3 |
| 75° | 991.3 | 888.0 | 319.1 | 170.8 | 87.0 | 47.2 | 41.9 | 39.6 | 38.4 | 34.2 | 33.6 |
| 77.5° | 724.1 | 666.6 | 204.2 | 126.8 | 67.1 | 41.5 | 36.9 | 35.2 | 34.4 | 29.8 | 29.1 |
| 80° | 581.2 | 527.4 | 127.8 | 86.8 | 49.1 | 34.8 | 31.0 | 30.0 | 29.2 | 24.7 | 24.1 |
| 82.5° | 403.1 | 353.2 | 82.0 | 56.4 | 36.9 | 27.0 | 24.5 | 24.1 | 22.9 | 18.8 | 18.2 |
| 85° | 212.6 | 191.8 | 52.0 | 38.4 | 26.7 | 18.5 | 17.0 | 17.0 | 16.4 | 12.4 | 12.0 |
| 87.5° | 27.2 | 44.2 | 26.4 | 20.1 | 14.7 | 8.2 | 8.2 | 8.0 | 8.6 | 7.1 | 6.1 |
| 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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CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° | 185° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 |
| 2.5° | 949.8 | 959.0 | 950.2 | 950.8 | 960.5 | 989.6 | 1002.8 | 1013.6 | 1025.3 | 1033.0 | 1036.4 |
| 5° | 688.4 | 709.8 | 717.1 | 732.4 | 754.9 | 792.0 | 806.7 | 817.5 | 824.6 | 828.7 | 830.5 |
| 7.5° | 470.8 | 483.8 | 498.3 | 523.0 | 572.1 | 593.9 | 603.7 | 601.2 | 593.2 | 590.3 | 587.5 |
| 10° | 354.9 | 349.8 | 347.0 | 360.7 | 400.4 | 422.4 | 429.3 | 422.6 | 418.2 | 419.2 | 423.9 |
| 12.5° | 275.0 | 266.0 | 255.1 | 253.6 | 279.8 | 299.5 | 303.9 | 304.2 | 312.3 | 319.3 | 329.9 |
| 15° | 200.4 | 199.4 | 194.1 | 190.9 | 205.7 | 221.8 | 223.7 | 227.2 | 234.5 | 239.6 | 248.8 |
| 17.5° | 141.3 | 146.5 | 150.7 | 152.8 | 164.1 | 175.5 | 173.4 | 171.7 | 170.4 | 170.4 | 174.8 |
| 20° | 114.0 | 117.4 | 122.8 | 128.9 | 140.4 | 148.4 | 143.2 | 136.3 | 131.4 | 129.8 | 130.4 |
| 22.5° | 102.7 | 105.4 | 108.4 | 113.8 | 124.1 | 129.7 | 124.1 | 119.1 | 114.2 | 112.4 | 111.8 |
| 25° | 97.0 | 100.4 | 103.3 | 107.3 | 114.9 | 118.7 | 113.4 | 109.8 | 106.7 | 104.6 | 103.0 |
| 27.5° | 93.7 | 96.7 | 97.5 | 99.5 | 105.9 | 109.4 | 106.7 | 105.2 | 103.3 | 101.4 | 99.5 |
| 30° | 90.2 | 89.7 | 88.3 | 88.5 | 93.7 | 97.1 | 97.0 | 97.3 | 97.1 | 96.6 | 96.2 |
| 32.5° | 82.4 | 81.3 | 80.1 | 81.3 | 86.0 | 89.1 | 89.3 | 90.1 | 90.1 | 89.9 | 91.4 |
| 35° | 68.7 | 70.7 | 72.1 | 75.5 | 81.3 | 83.9 | 82.8 | 80.9 | 77.5 | 75.3 | 75.1 |
| 37.5° | 63.5 | 63.9 | 66.2 | 70.9 | 77.3 | 79.7 | 78.0 | 73.6 | 71.3 | 70.9 | 71.5 |
| 40° | 61.0 | 61.4 | 62.7 | 67.1 | 73.4 | 75.9 | 74.4 | 71.1 | 69.0 | 68.8 | 69.8 |
| 42.5° | 59.3 | 59.7 | 60.4 | 63.5 | 68.7 | 71.7 | 71.9 | 69.6 | 67.1 | 67.3 | 68.3 |
| 45° | 58.3 | 58.5 | 58.3 | 59.9 | 64.6 | 68.3 | 69.8 | 68.3 | 66.2 | 66.6 | 67.7 |
| 47.5° | 58.1 | 57.5 | 56.8 | 57.2 | 62.2 | 65.8 | 67.7 | 67.1 | 66.2 | 66.6 | 67.5 |
| 50° | 57.4 | 56.0 | 55.1 | 54.9 | 59.9 | 63.7 | 65.4 | 65.4 | 65.8 | 66.6 | 67.5 |
| 52.5° | 55.1 | 53.5 | 53.5 | 53.0 | 58.3 | 61.9 | 63.1 | 63.3 | 63.9 | 65.2 | 66.6 |
| 55° | 52.2 | 51.6 | 52.2 | 51.2 | 57.2 | 60.6 | 61.2 | 61.6 | 61.9 | 63.1 | 65.0 |
| 57.5° | 49.7 | 49.0 | 50.3 | 49.9 | 56.2 | 59.3 | 59.3 | 60.0 | 60.0 | 61.6 | 63.1 |
| 60° | 48.4 | 46.8 | 47.4 | 47.8 | 54.9 | 58.1 | 57.8 | 58.5 | 58.9 | 60.3 | 61.4 |
| 62.5° | 46.7 | 45.3 | 45.3 | 46.3 | 53.4 | 56.4 | 56.2 | 56.8 | 58.3 | 58.7 | 59.9 |
| 65° | 44.6 | 44.0 | 43.4 | 44.6 | 51.8 | 54.5 | 54.7 | 55.5 | 56.8 | 57.2 | 58.1 |
| 67.5° | 42.4 | 42.7 | 41.5 | 42.7 | 50.5 | 52.6 | 52.6 | 54.1 | 54.7 | 55.5 | 56.4 |
| 70° | 40.2 | 40.3 | 39.4 | 40.8 | 49.6 | 50.5 | 50.3 | 52.4 | 52.8 | 53.4 | 54.3 |
| 72.5° | 37.3 | 37.3 | 36.9 | 38.8 | 48.0 | 48.4 | 48.0 | 49.7 | 49.9 | 50.5 | 50.9 |
| 75° | 34.2 | 34.2 | 33.9 | 36.5 | 47.1 | 46.1 | 44.9 | 46.3 | 46.7 | 47.1 | 47.1 |
| 77.5° | 30.2 | 30.6 | 30.6 | 33.9 | 43.8 | 45.2 | 41.3 | 42.1 | 42.7 | 42.8 | 42.3 |
| 80° | 25.2 | 26.2 | 26.6 | 30.8 | 36.7 | 41.7 | 36.9 | 37.5 | 37.7 | 37.7 | 36.9 |
| 82.5° | 19.3 | 21.0 | 22.0 | 26.6 | 28.1 | 35.0 | 32.1 | 32.7 | 32.1 | 31.0 | 30.6 |
| 85° | 13.4 | 15.7 | 16.8 | 20.3 | 21.2 | 27.0 | 26.7 | 26.7 | 25.6 | 24.1 | 23.9 |
| 87.5° | 7.3 | 8.6 | 9.4 | 12.0 | 14.5 | 18.2 | 19.7 | 19.1 | 18.2 | 17.2 | 17.4 |
| 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):

| | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° | 285° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 | 1175.3 |
| 2.5° | 1054.4 | 1080.4 | 1121.9 | 1153.6 | 1185.6 | 1216.4 | 1249.7 | 1275.1 | 1296.7 | 1305.1 | 1330.7 |
| 5° | 847.9 | 880.4 | 919.6 | 990.3 | 1040.4 | 1095.7 | 1159.6 | 1244.1 | 1276.6 | 1321.6 | 1395.1 |
| 7.5° | 599.5 | 628.9 | 692.0 | 749.2 | 820.2 | 898.4 | 984.6 | 1101.2 | 1143.9 | 1216.0 | 1335.9 |
| 10° | 447.7 | 481.9 | 532.5 | 580.7 | 643.3 | 723.2 | 822.3 | 952.7 | 1004.5 | 1082.7 | 1220.8 |
| 12.5° | 360.7 | 401.0 | 454.7 | 500.1 | 548.4 | 604.8 | 701.0 | 844.0 | 913.5 | 981.9 | 1121.5 |
| 15° | 277.1 | 319.3 | 369.3 | 426.8 | 480.1 | 541.0 | 641.8 | 798.2 | 878.1 | 949.4 | 1068.5 |
| 17.5° | 191.8 | 227.9 | 290.8 | 350.9 | 419.2 | 497.0 | 625.3 | 807.9 | 903.3 | 985.6 | 1077.7 |
| 20° | 136.0 | 156.6 | 208.2 | 277.9 | 363.0 | 460.6 | 622.3 | 859.1 | 983.3 | 1077.2 | 1136.6 |
| 22.5° | 114.3 | 122.0 | 152.0 | 215.9 | 314.2 | 433.5 | 633.0 | 931.0 | 1091.1 | 1211.0 | 1230.5 |
| 25° | 104.2 | 108.8 | 124.5 | 169.4 | 270.7 | 413.8 | 669.1 | 1038.1 | 1224.6 | 1344.9 | 1341.4 |
| 27.5° | 98.6 | 103.4 | 113.8 | 143.0 | 238.1 | 401.6 | 705.2 | 1165.1 | 1377.2 | 1490.2 | 1447.4 |
| 30° | 97.0 | 103.4 | 114.3 | 134.8 | 214.8 | 382.2 | 734.9 | 1276.6 | 1494.6 | 1588.3 | 1495.6 |
| 32.5° | 95.6 | 96.6 | 101.5 | 116.2 | 192.5 | 359.7 | 754.9 | 1376.6 | 1609.5 | 1681.6 | 1565.0 |
| 35° | 77.3 | 82.0 | 90.1 | 104.2 | 179.6 | 346.1 | 754.9 | 1462.9 | 1722.7 | 1775.9 | 1631.2 |
| 37.5° | 74.4 | 78.6 | 85.7 | 97.7 | 172.3 | 339.4 | 739.8 | 1546.1 | 1838.4 | 1882.8 | 1685.6 |
| 40° | 72.9 | 76.3 | 83.0 | 92.7 | 169.2 | 331.8 | 717.8 | 1619.5 | 1951.4 | 1989.8 | 1736.5 |
| 42.5° | 71.7 | 74.8 | 81.1 | 89.7 | 165.2 | 323.4 | 700.1 | 1678.3 | 2049.5 | 2081.2 | 1785.1 |
| 45° | 71.1 | 74.4 | 81.3 | 91.2 | 157.2 | 312.3 | 694.2 | 1742.0 | 2130.2 | 2157.5 | 1837.6 |
| 47.5° | 71.1 | 75.0 | 82.2 | 94.5 | 147.6 | 300.8 | 712.7 | 1826.0 | 2206.5 | 2219.9 | 1899.6 |
| 50° | 70.6 | 74.8 | 84.9 | 91.2 | 133.7 | 286.3 | 756.3 | 1931.7 | 2289.1 | 2290.6 | 1978.0 |
| 52.5° | 69.4 | 74.4 | 91.4 | 89.3 | 117.6 | 267.2 | 815.2 | 2067.5 | 2411.3 | 2420.5 | 2100.8 |
| 55° | 68.1 | 73.8 | 89.7 | 84.9 | 104.4 | 244.4 | 863.4 | 2232.5 | 2583.0 | 2608.4 | 2281.3 |
| 57.5° | 66.3 | 73.1 | 86.8 | 78.8 | 95.8 | 215.1 | 880.8 | 2353.4 | 2702.9 | 2766.8 | 2484.7 |
| 60° | 64.8 | 72.5 | 78.4 | 75.1 | 90.4 | 190.5 | 847.1 | 2329.5 | 2694.7 | 2832.4 | 2665.1 |
| 62.5° | 63.3 | 73.1 | 71.5 | 72.9 | 87.9 | 174.6 | 759.2 | 2138.0 | 2558.4 | 2764.7 | 2798.7 |
| 65° | 61.6 | 67.9 | 67.5 | 70.9 | 87.4 | 168.3 | 629.3 | 1851.0 | 2294.9 | 2550.7 | 2830.3 |
| 67.5° | 59.3 | 62.7 | 64.6 | 68.5 | 89.3 | 162.7 | 507.9 | 1526.9 | 1928.6 | 2230.0 | 2665.8 |
| 70° | 56.8 | 59.7 | 61.8 | 65.4 | 88.2 | 160.2 | 422.4 | 1204.1 | 1530.4 | 1827.7 | 2341.3 |
| 72.5° | 53.5 | 56.0 | 57.9 | 61.4 | 87.0 | 158.9 | 356.8 | 969.7 | 1142.6 | 1357.7 | 1903.6 |
| 75° | 49.7 | 52.0 | 53.4 | 56.8 | 83.4 | 145.5 | 280.5 | 820.5 | 855.0 | 944.5 | 1516.2 |
| 77.5° | 45.3 | 47.1 | 48.2 | 52.0 | 73.8 | 121.0 | 202.9 | 633.0 | 663.9 | 685.7 | 1162.4 |
| 80° | 40.2 | 41.9 | 42.4 | 46.1 | 61.2 | 94.6 | 132.3 | 467.5 | 496.6 | 501.6 | 759.2 |
| 82.5° | 34.2 | 35.9 | 35.9 | 39.4 | 50.1 | 68.1 | 86.8 | 320.3 | 326.0 | 342.9 | 536.6 |
| 85° | 27.6 | 28.9 | 28.9 | 30.6 | 38.8 | 50.9 | 59.7 | 160.8 | 159.1 | 181.7 | 464.9 |
| 87.5° | 19.7 | 20.7 | 21.6 | 22.0 | 27.7 | 33.6 | 35.9 | 49.0 | 32.3 | 37.1 | 298.5 |
| 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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| 82.5° | 379.0 | 331.4 | 327.5 | 333.1 | 359.7 | 592.6 | 519.9 | 403.1 |
| 85° | 310.3 | 196.2 | 157.7 | 197.8 | 318.7 | 586.9 | 345.4 | 212.6 |
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