

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: P193854

Luminaire Tested: **GAN-AF-06-LED-U-SLR-8030-600-ADJ**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P193854
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P24296)
Test Lab: INNOVATION CENTER P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-AF-06-LED-U-SLR-8030-600-ADJ
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16820 lumens
Efficiency: N/A
Efficacy: 87.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G3

Input Watts (W): 193
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

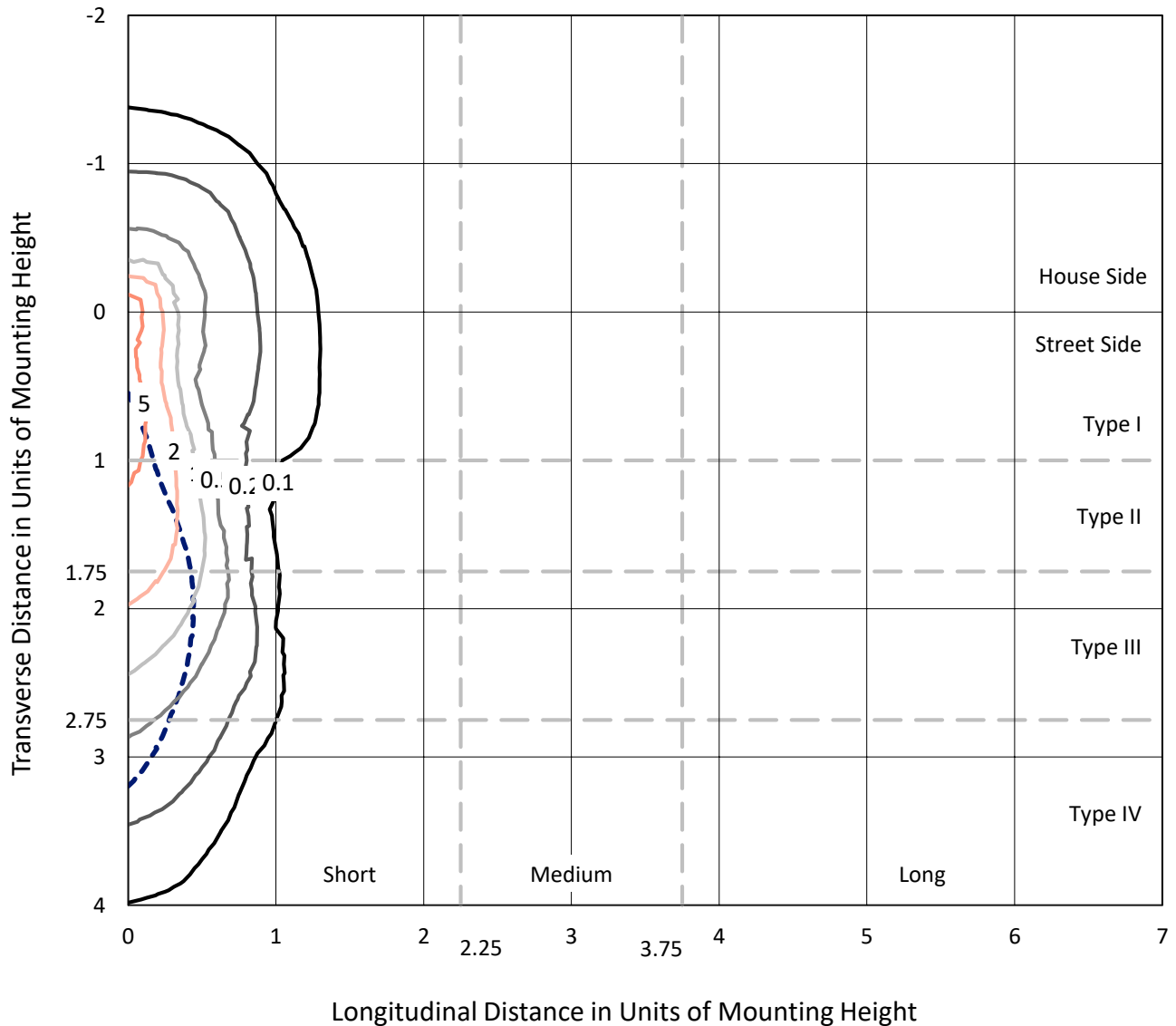


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

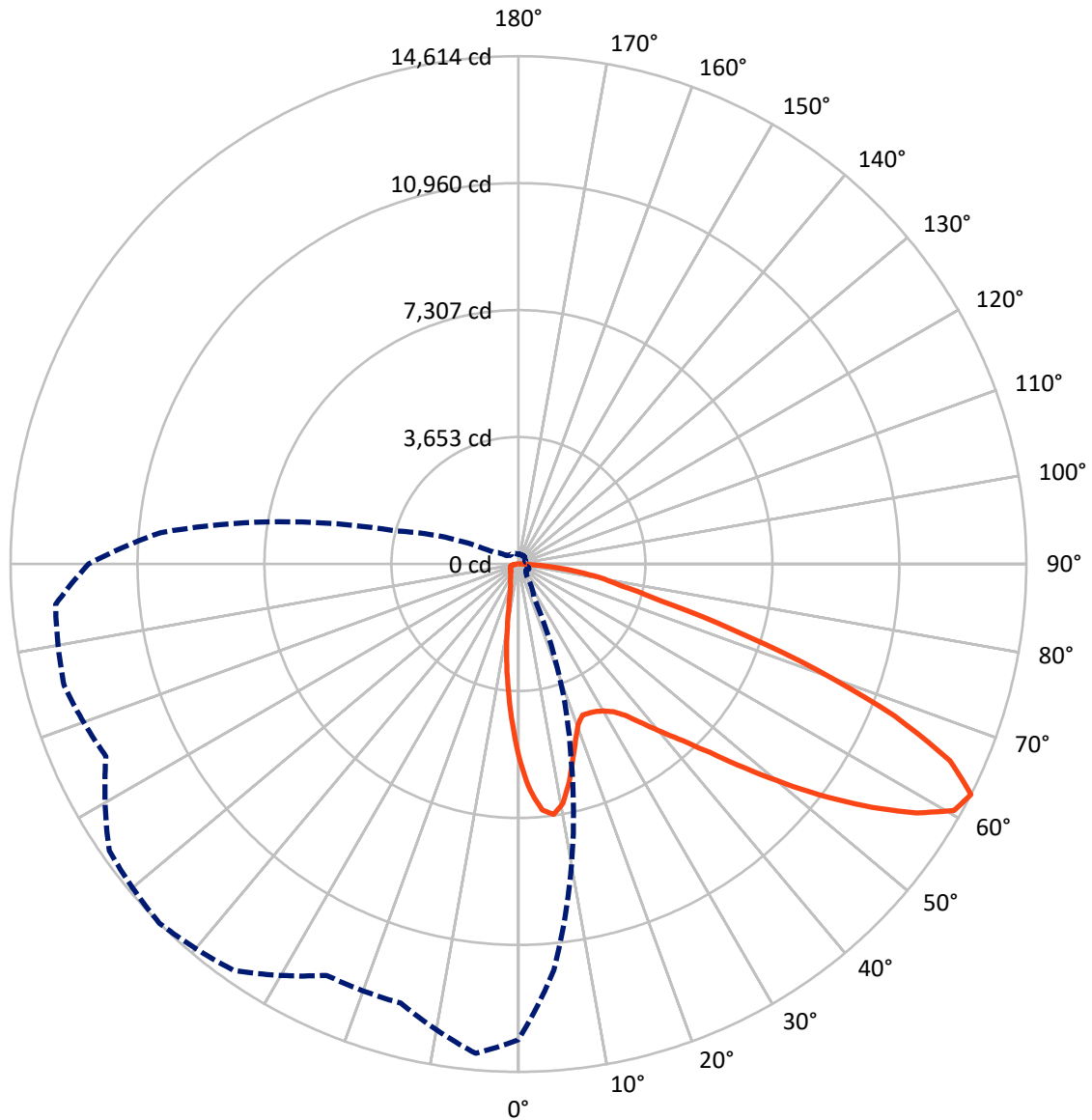


Based on 25 foot mounting height. Maximum calculated value = 9.1 fc
 Type IV - Short - Non-Cutoff

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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 | 2783.5 | 0.0 | 2783.5 |
| | % Fixture | 16.5 | 0.0 | 16.5 |
| Street Side | Lumens | 14036.5 | 0.0 | 14036.5 |
| | % Fixture | 83.5 | 0.0 | 83.5 |
| Total | Lumens | 16820.0 | 0.0 | 16820.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 413.7 | 2.5 |
| 10°-20° | 758.6 | 4.5 |
| 20°-30° | 1106.0 | 6.6 |
| 30°-40° | 1703.4 | 10.1 |
| 40°-50° | 2506.9 | 14.9 |
| 50°-60° | 3677.1 | 21.9 |
| 60°-70° | 4110.5 | 24.4 |
| 70°-80° | 2012.5 | 12.0 |
| 80°-90° | 531.3 | 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° | 16820.0 | 100.0 |
| 0°-180° | 16820.0 | 100.0 |

Coefficient of Utilization



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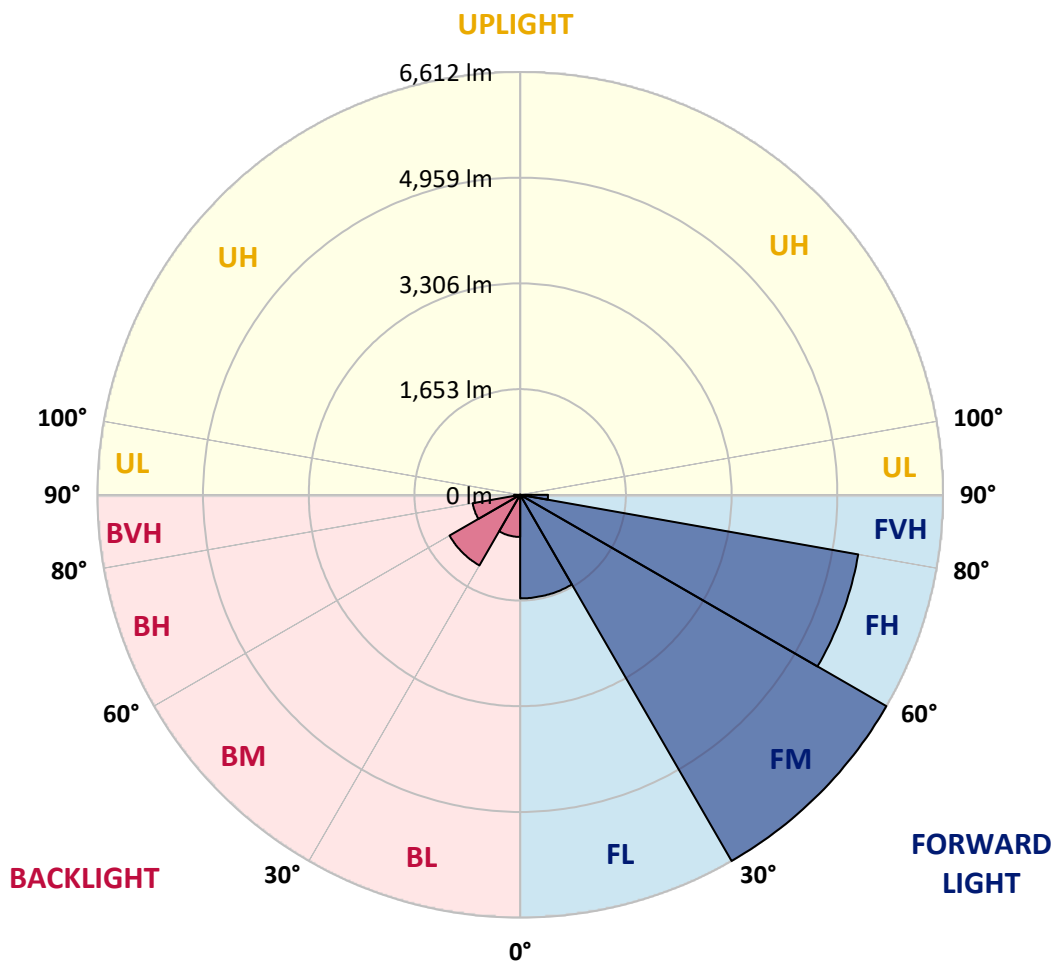
CATALOG NUMBER: GAN-AF-06-LED-U-SLR-8030-600-ADJ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1619.7 | 9.6 | | | |
| FM (30°-60°) | 6612.1 | 39.3 | | | |
| FH (60°-80°) | 5368.4 | 31.9 | | | G3/7500 |
| FVH (80°-90°) | 436.4 | 2.6 | | | G3/500 |
| BL (0°-30°) | 658.5 | 3.9 | B2/1000 | | |
| BM (30°-60°) | 1275.4 | 7.6 | B2/2500 | | |
| BH (60°-80°) | 754.6 | 4.5 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 95.0 | 0.6 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B2-U0-G3

Type IV Short





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 |
| 2.5° | 5904.6 | 5784.4 | 5584.7 | 5376.7 | 5250.0 | 5102.0 | 4986.5 | 4884.8 | 4681.3 | 4641.6 | 4677.6 |
| 5° | 5552.3 | 5311.0 | 4934.7 | 4555.6 | 4303.2 | 4032.3 | 3821.4 | 3652.2 | 3394.3 | 3349.0 | 3403.5 |
| 7.5° | 4987.4 | 4698.9 | 4201.5 | 3717.9 | 3361.0 | 3022.6 | 2795.1 | 2613.9 | 2412.3 | 2325.4 | 2331.0 |
| 10° | 4500.1 | 4174.7 | 3586.6 | 3060.5 | 2768.3 | 2539.9 | 2348.5 | 2162.7 | 1958.3 | 1824.3 | 1787.3 |
| 12.5° | 4227.4 | 3852.9 | 3175.1 | 2705.4 | 2434.5 | 2194.1 | 1987.9 | 1789.1 | 1570.9 | 1434.1 | 1395.2 |
| 15° | 4180.2 | 3773.4 | 3020.7 | 2478.0 | 2138.6 | 1834.4 | 1591.3 | 1369.4 | 1144.7 | 1033.7 | 1010.6 |
| 17.5° | 4384.5 | 3915.8 | 2970.8 | 2275.5 | 1860.3 | 1484.9 | 1186.3 | 938.5 | 755.4 | 699.9 | 695.3 |
| 20° | 4776.6 | 4189.4 | 2964.3 | 2085.0 | 1585.7 | 1145.6 | 826.6 | 646.3 | 565.9 | 550.1 | 551.1 |
| 22.5° | 5326.7 | 4613.8 | 3043.8 | 1941.7 | 1333.3 | 854.3 | 621.3 | 540.9 | 509.5 | 494.7 | 494.7 |
| 25° | 6038.7 | 5198.2 | 3226.9 | 1837.2 | 1114.2 | 682.4 | 548.3 | 500.2 | 470.6 | 460.5 | 462.3 |
| 27.5° | 6728.4 | 5766.8 | 3439.6 | 1754.9 | 970.8 | 619.5 | 519.6 | 476.2 | 450.3 | 440.1 | 444.7 |
| 30° | 7266.6 | 6271.7 | 3617.1 | 1643.0 | 897.8 | 601.9 | 529.8 | 485.4 | 448.4 | 432.7 | 433.6 |
| 32.5° | 7712.2 | 6713.7 | 3766.0 | 1562.6 | 833.1 | 515.9 | 456.8 | 437.3 | 432.7 | 414.2 | 405.0 |
| 35° | 8281.8 | 7195.4 | 3865.8 | 1564.5 | 802.6 | 460.5 | 406.8 | 372.6 | 347.7 | 326.4 | 326.4 |
| 37.5° | 8949.4 | 7748.3 | 3972.2 | 1585.7 | 791.5 | 428.1 | 389.3 | 355.1 | 331.9 | 311.6 | 307.9 |
| 40° | 9609.6 | 8290.1 | 4069.2 | 1606.1 | 785.0 | 408.7 | 375.4 | 344.0 | 322.7 | 302.4 | 296.8 |
| 42.5° | 10170.8 | 8735.8 | 4156.2 | 1616.2 | 762.8 | 406.8 | 365.2 | 336.6 | 316.2 | 294.0 | 288.5 |
| 45° | 10586.0 | 9109.3 | 4249.5 | 1632.0 | 740.6 | 414.2 | 365.2 | 335.6 | 310.7 | 289.4 | 283.9 |
| 47.5° | 10956.7 | 9547.6 | 4405.8 | 1632.0 | 713.8 | 400.4 | 377.2 | 336.6 | 309.7 | 287.6 | 282.9 |
| 50° | 11453.2 | 10148.6 | 4701.7 | 1594.0 | 675.9 | 385.6 | 397.6 | 332.9 | 301.4 | 283.9 | 278.3 |
| 52.5° | 12137.5 | 10918.8 | 5171.4 | 1528.4 | 617.6 | 356.9 | 394.8 | 331.0 | 293.1 | 274.6 | 268.1 |
| 55° | 12946.5 | 11743.6 | 5683.6 | 1451.7 | 530.7 | 336.6 | 380.9 | 326.4 | 283.9 | 263.5 | 257.0 |
| 57.5° | 13578.0 | 12311.3 | 6044.2 | 1333.3 | 454.9 | 325.5 | 337.5 | 321.8 | 272.8 | 251.5 | 245.9 |
| 60° | 13829.5 | 12289.1 | 6143.2 | 1175.2 | 417.9 | 316.2 | 295.0 | 360.6 | 263.5 | 242.2 | 235.8 |
| 62.5° | 13693.6 | 11721.4 | 5865.8 | 1064.2 | 409.6 | 304.2 | 276.5 | 333.8 | 256.1 | 235.8 | 226.5 |
| 65° | 13065.8 | 10715.4 | 5130.7 | 1034.6 | 433.6 | 292.2 | 264.4 | 261.7 | 245.9 | 226.5 | 217.3 |
| 67.5° | 11698.3 | 9212.0 | 4108.1 | 1037.4 | 464.2 | 280.2 | 252.4 | 239.5 | 232.1 | 216.4 | 208.0 |
| 70° | 9528.2 | 7283.2 | 3062.3 | 1044.8 | 479.9 | 266.3 | 239.5 | 225.6 | 217.3 | 201.6 | 196.0 |
| 72.5° | 7005.8 | 5613.4 | 2224.6 | 996.7 | 482.7 | 250.6 | 221.9 | 209.9 | 201.6 | 184.9 | 180.3 |
| 75° | 4793.2 | 4293.9 | 1543.2 | 825.7 | 420.7 | 228.4 | 202.5 | 191.4 | 185.8 | 165.5 | 162.7 |
| 77.5° | 3501.5 | 3223.2 | 987.5 | 613.0 | 324.5 | 200.6 | 178.5 | 170.1 | 166.4 | 144.2 | 140.5 |
| 80° | 2809.9 | 2550.1 | 617.6 | 419.8 | 237.6 | 168.3 | 149.8 | 145.2 | 141.5 | 119.3 | 116.5 |
| 82.5° | 1949.1 | 1707.8 | 396.7 | 272.8 | 178.5 | 130.4 | 118.4 | 116.5 | 111.0 | 90.6 | 87.8 |
| 85° | 1028.2 | 927.4 | 251.5 | 185.8 | 129.4 | 89.7 | 82.3 | 82.3 | 79.5 | 60.1 | 58.3 |
| 87.5° | 131.3 | 213.6 | 127.6 | 97.1 | 71.2 | 39.8 | 39.8 | 38.8 | 41.6 | 34.2 | 29.6 |
| 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° | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 |
| 2.5° | 4592.6 | 4637.0 | 4594.4 | 4597.2 | 4644.4 | 4784.9 | 4848.7 | 4901.4 | 4957.8 | 4994.8 | 5011.4 |
| 5° | 3328.6 | 3432.2 | 3467.3 | 3541.3 | 3650.4 | 3829.8 | 3901.0 | 3952.7 | 3987.0 | 4007.3 | 4015.6 |
| 7.5° | 2276.4 | 2339.3 | 2409.6 | 2528.8 | 2766.5 | 2871.9 | 2919.0 | 2907.0 | 2868.2 | 2854.3 | 2840.4 |
| 10° | 1716.1 | 1691.1 | 1678.2 | 1743.8 | 1936.2 | 2042.5 | 2075.8 | 2043.4 | 2022.1 | 2026.8 | 2049.9 |
| 12.5° | 1329.6 | 1286.1 | 1233.4 | 1226.0 | 1352.7 | 1448.0 | 1469.2 | 1471.1 | 1509.9 | 1544.1 | 1595.0 |
| 15° | 969.0 | 964.4 | 938.5 | 922.8 | 994.9 | 1072.6 | 1081.8 | 1098.4 | 1133.6 | 1158.5 | 1202.9 |
| 17.5° | 683.3 | 708.3 | 728.6 | 738.8 | 793.3 | 848.8 | 838.6 | 830.3 | 823.8 | 823.8 | 845.1 |
| 20° | 551.1 | 567.7 | 593.6 | 623.2 | 678.7 | 717.5 | 692.5 | 659.3 | 635.2 | 627.8 | 630.6 |
| 22.5° | 496.5 | 509.5 | 524.3 | 550.1 | 600.1 | 626.9 | 600.1 | 576.0 | 552.0 | 543.7 | 540.9 |
| 25° | 468.8 | 485.4 | 499.3 | 518.7 | 555.7 | 574.2 | 548.3 | 530.7 | 515.9 | 505.8 | 498.4 |
| 27.5° | 453.1 | 467.9 | 471.6 | 480.8 | 512.2 | 528.9 | 515.9 | 508.5 | 499.3 | 490.0 | 480.8 |
| 30° | 436.4 | 433.6 | 427.2 | 428.1 | 453.1 | 469.7 | 468.8 | 470.6 | 469.7 | 466.9 | 465.1 |
| 32.5° | 398.5 | 393.0 | 387.4 | 393.0 | 416.1 | 430.9 | 431.8 | 435.5 | 435.5 | 434.6 | 442.0 |
| 35° | 331.9 | 342.1 | 348.6 | 365.2 | 393.0 | 405.9 | 400.4 | 391.1 | 374.5 | 364.3 | 363.4 |
| 37.5° | 307.0 | 308.8 | 319.9 | 343.0 | 373.5 | 385.6 | 377.2 | 356.0 | 344.9 | 343.0 | 345.8 |
| 40° | 295.0 | 296.8 | 303.3 | 324.5 | 355.1 | 367.1 | 359.7 | 344.0 | 333.8 | 332.9 | 337.5 |
| 42.5° | 286.6 | 288.5 | 292.2 | 307.0 | 331.9 | 346.7 | 347.7 | 336.6 | 324.5 | 325.5 | 330.1 |
| 45° | 282.0 | 282.9 | 282.0 | 289.4 | 312.5 | 330.1 | 337.5 | 330.1 | 319.9 | 321.8 | 327.3 |
| 47.5° | 281.1 | 278.3 | 274.6 | 276.5 | 300.5 | 318.1 | 327.3 | 324.5 | 319.9 | 321.8 | 326.4 |
| 50° | 277.4 | 270.9 | 266.3 | 265.4 | 289.4 | 307.9 | 316.2 | 316.2 | 318.1 | 321.8 | 326.4 |
| 52.5° | 266.3 | 258.9 | 258.9 | 256.1 | 282.0 | 299.6 | 305.1 | 306.0 | 308.8 | 315.3 | 321.8 |
| 55° | 252.4 | 249.6 | 252.4 | 247.8 | 276.5 | 293.1 | 295.9 | 297.7 | 299.6 | 305.1 | 314.4 |
| 57.5° | 240.4 | 236.7 | 243.2 | 241.3 | 271.8 | 286.6 | 286.6 | 290.3 | 290.3 | 297.7 | 305.1 |
| 60° | 233.9 | 226.5 | 229.3 | 231.2 | 265.4 | 281.1 | 279.2 | 282.9 | 284.8 | 291.3 | 296.8 |
| 62.5° | 225.6 | 219.1 | 219.1 | 223.8 | 258.0 | 272.8 | 271.8 | 274.6 | 282.0 | 283.9 | 289.4 |
| 65° | 215.4 | 212.7 | 209.9 | 215.4 | 250.6 | 263.5 | 264.4 | 268.1 | 274.6 | 276.5 | 281.1 |
| 67.5° | 205.3 | 206.2 | 200.6 | 206.2 | 244.1 | 254.3 | 254.3 | 261.7 | 264.4 | 268.1 | 272.8 |
| 70° | 194.2 | 195.1 | 190.5 | 196.9 | 239.5 | 244.1 | 243.2 | 253.3 | 255.2 | 258.0 | 262.6 |
| 72.5° | 180.3 | 180.3 | 178.5 | 187.7 | 232.1 | 233.9 | 232.1 | 240.4 | 241.3 | 244.1 | 245.9 |
| 75° | 165.5 | 165.5 | 163.7 | 176.6 | 227.5 | 222.8 | 217.3 | 223.8 | 225.6 | 227.5 | 227.5 |
| 77.5° | 146.1 | 147.9 | 147.9 | 163.7 | 211.7 | 218.2 | 199.7 | 203.4 | 206.2 | 207.1 | 204.3 |
| 80° | 122.0 | 126.7 | 128.5 | 148.9 | 177.5 | 201.6 | 178.5 | 181.2 | 182.1 | 182.1 | 178.5 |
| 82.5° | 93.4 | 101.7 | 106.3 | 128.5 | 135.9 | 169.2 | 155.3 | 158.1 | 155.3 | 149.8 | 147.9 |
| 85° | 64.7 | 75.8 | 81.4 | 98.0 | 102.6 | 130.4 | 129.4 | 129.4 | 123.9 | 116.5 | 115.6 |
| 87.5° | 35.1 | 41.6 | 45.3 | 58.3 | 70.3 | 87.8 | 95.2 | 92.5 | 87.8 | 83.2 | 84.1 |
| 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):

| | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° | 285° |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 0° | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 |
| 2.5° | 5098.3 | 5224.1 | 5424.7 | 5578.2 | 5732.6 | 5881.5 | 6042.4 | 6165.4 | 6269.8 | 6310.5 | 6434.4 |
| 5° | 4099.8 | 4256.9 | 4446.5 | 4788.6 | 5030.8 | 5298.1 | 5606.9 | 6015.6 | 6172.7 | 6390.0 | 6746.0 |
| 7.5° | 2898.7 | 3041.1 | 3346.2 | 3622.7 | 3965.7 | 4343.9 | 4760.9 | 5324.9 | 5531.1 | 5879.6 | 6459.4 |
| 10° | 2164.5 | 2330.0 | 2575.1 | 2808.1 | 3110.4 | 3496.9 | 3975.9 | 4606.4 | 4857.0 | 5235.2 | 5902.8 |
| 12.5° | 1743.8 | 1938.9 | 2198.7 | 2417.9 | 2651.8 | 2924.6 | 3389.6 | 4081.3 | 4416.9 | 4747.9 | 5422.9 |
| 15° | 1339.8 | 1544.1 | 1785.4 | 2063.7 | 2321.7 | 2615.7 | 3103.0 | 3859.4 | 4245.8 | 4590.7 | 5166.8 |
| 17.5° | 927.4 | 1102.1 | 1406.3 | 1696.7 | 2026.8 | 2403.1 | 3023.5 | 3906.5 | 4367.9 | 4765.5 | 5211.1 |
| 20° | 657.4 | 757.3 | 1006.9 | 1343.5 | 1754.9 | 2227.4 | 3008.7 | 4154.3 | 4754.4 | 5208.4 | 5495.9 |
| 22.5° | 552.9 | 589.9 | 735.1 | 1043.9 | 1519.1 | 2096.1 | 3060.5 | 4502.0 | 5275.9 | 5855.6 | 5949.9 |
| 25° | 503.9 | 526.1 | 601.9 | 819.2 | 1309.3 | 2000.9 | 3235.2 | 5019.8 | 5921.3 | 6502.8 | 6486.2 |
| 27.5° | 477.1 | 500.2 | 550.1 | 691.6 | 1151.1 | 1941.7 | 3410.0 | 5633.7 | 6659.1 | 7205.5 | 6998.4 |
| 30° | 468.8 | 500.2 | 552.9 | 651.9 | 1038.3 | 1848.3 | 3553.3 | 6172.7 | 7226.8 | 7679.9 | 7231.4 |
| 32.5° | 462.3 | 466.9 | 491.0 | 562.2 | 931.1 | 1739.2 | 3650.4 | 6656.3 | 7782.5 | 8131.1 | 7567.1 |
| 35° | 373.5 | 396.7 | 435.5 | 503.9 | 868.2 | 1673.6 | 3650.4 | 7073.3 | 8329.9 | 8586.9 | 7887.0 |
| 37.5° | 359.7 | 380.0 | 414.2 | 472.5 | 833.1 | 1641.2 | 3577.3 | 7475.5 | 8889.3 | 9103.8 | 8150.5 |
| 40° | 352.3 | 368.9 | 401.3 | 448.4 | 818.3 | 1604.2 | 3471.0 | 7830.6 | 9435.7 | 9621.6 | 8396.5 |
| 42.5° | 346.7 | 361.5 | 392.0 | 433.6 | 798.9 | 1563.5 | 3385.0 | 8115.4 | 9910.1 | 10063.5 | 8631.3 |
| 45° | 344.0 | 359.7 | 393.0 | 441.0 | 760.0 | 1509.9 | 3356.4 | 8423.3 | 10300.2 | 10432.5 | 8885.6 |
| 47.5° | 344.0 | 362.5 | 397.6 | 456.8 | 713.8 | 1454.4 | 3446.1 | 8829.2 | 10669.2 | 10733.9 | 9185.2 |
| 50° | 341.2 | 361.5 | 410.5 | 441.0 | 646.3 | 1384.2 | 3656.9 | 9340.5 | 11068.6 | 11076.0 | 9564.2 |
| 52.5° | 335.6 | 359.7 | 442.0 | 431.8 | 568.6 | 1291.7 | 3941.6 | 9997.0 | 11659.4 | 11703.8 | 10157.9 |
| 55° | 329.2 | 356.9 | 433.6 | 410.5 | 504.8 | 1181.7 | 4174.7 | 10794.9 | 12489.7 | 12612.7 | 11030.7 |
| 57.5° | 320.8 | 353.2 | 419.8 | 380.9 | 463.2 | 1040.2 | 4258.8 | 11379.3 | 13069.5 | 13378.3 | 12014.5 |
| 60° | 313.4 | 350.4 | 379.1 | 363.4 | 437.3 | 920.9 | 4096.1 | 11263.7 | 13029.7 | 13695.4 | 12886.4 |
| 62.5° | 306.0 | 353.2 | 345.8 | 352.3 | 425.3 | 844.2 | 3670.7 | 10338.2 | 12370.5 | 13368.1 | 13532.7 |
| 65° | 297.7 | 328.2 | 326.4 | 343.0 | 422.6 | 813.7 | 3042.9 | 8950.3 | 11096.3 | 12333.5 | 13685.3 |
| 67.5° | 286.6 | 303.3 | 312.5 | 331.0 | 431.8 | 786.8 | 2455.8 | 7383.1 | 9325.7 | 10782.9 | 12890.1 |
| 70° | 274.6 | 288.5 | 298.7 | 316.2 | 426.2 | 774.8 | 2042.5 | 5822.3 | 7399.7 | 8837.5 | 11321.0 |
| 72.5° | 258.9 | 270.9 | 280.2 | 296.8 | 420.7 | 768.4 | 1725.3 | 4688.7 | 5524.6 | 6564.8 | 9204.6 |
| 75° | 240.4 | 251.5 | 258.0 | 274.6 | 403.1 | 703.6 | 1356.4 | 3967.5 | 4134.0 | 4566.7 | 7331.3 |
| 77.5° | 219.1 | 227.5 | 233.0 | 251.5 | 356.9 | 585.3 | 981.0 | 3060.5 | 3210.3 | 3315.7 | 5620.8 |
| 80° | 194.2 | 202.5 | 205.3 | 222.8 | 295.9 | 457.7 | 639.8 | 2260.7 | 2401.2 | 2425.3 | 3670.7 |
| 82.5° | 165.5 | 173.8 | 173.8 | 190.5 | 242.2 | 329.2 | 419.8 | 1548.7 | 1576.5 | 1657.8 | 2594.5 |
| 85° | 133.1 | 139.6 | 139.6 | 147.9 | 187.7 | 245.9 | 288.5 | 777.6 | 769.3 | 878.4 | 2247.7 |
| 87.5° | 95.2 | 99.9 | 104.5 | 106.3 | 134.1 | 162.7 | 173.8 | 236.7 | 156.3 | 179.4 | 1443.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P193854

CATALOG NUMBER: GAN-AF-06-LED-U-SLR-8030-600-ADJ

CANDELA DISTRIBUTION (continued):

| | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 | 5682.7 |
| 2.5° | 6527.8 | 6580.5 | 6526.9 | 6488.0 | 6320.7 | 6182.9 | 5998.9 | 5904.6 |
| 5° | 7016.9 | 7151.0 | 7105.7 | 6943.0 | 6593.5 | 6200.5 | 5753.9 | 5552.3 |
| 7.5° | 6957.8 | 7269.3 | 7276.7 | 6972.5 | 6457.5 | 5878.7 | 5274.0 | 4987.4 |
| 10° | 6497.3 | 6895.8 | 7009.5 | 6714.6 | 6168.1 | 5520.9 | 4827.4 | 4500.1 |
| 12.5° | 5983.2 | 6373.4 | 6460.3 | 6358.6 | 5901.8 | 5251.8 | 4548.2 | 4227.4 |
| 15° | 5562.5 | 5737.3 | 5840.8 | 5929.6 | 5673.5 | 5144.6 | 4532.5 | 4180.2 |
| 17.5° | 5306.4 | 5287.0 | 5316.6 | 5471.0 | 5514.4 | 5267.5 | 4772.9 | 4384.5 |
| 20° | 5213.9 | 4917.1 | 4909.7 | 5122.4 | 5439.5 | 5560.7 | 5242.6 | 4776.6 |
| 22.5° | 5264.8 | 4784.0 | 4722.9 | 4975.4 | 5479.3 | 5983.2 | 5858.4 | 5326.7 |
| 25° | 5440.5 | 4795.1 | 4746.1 | 4990.2 | 5623.5 | 6433.5 | 6523.2 | 6038.7 |
| 27.5° | 5716.9 | 4865.3 | 4800.6 | 5051.2 | 5814.9 | 6811.7 | 7177.8 | 6728.4 |
| 30° | 5979.5 | 4987.4 | 4906.9 | 5171.4 | 5989.7 | 6961.4 | 7579.1 | 7266.6 |
| 32.5° | 6298.5 | 5215.8 | 5074.3 | 5392.4 | 6206.0 | 7200.0 | 7936.9 | 7712.2 |
| 35° | 6611.0 | 5541.2 | 5365.6 | 5733.6 | 6447.4 | 7496.8 | 8345.6 | 8281.8 |
| 37.5° | 6954.1 | 5966.6 | 5821.4 | 6174.6 | 6777.4 | 7777.0 | 8867.1 | 8949.4 |
| 40° | 7320.2 | 6530.6 | 6358.6 | 6818.1 | 7289.7 | 8128.3 | 9411.7 | 9609.6 |
| 42.5° | 7689.1 | 7156.5 | 6951.3 | 7417.3 | 7852.8 | 8475.0 | 9877.7 | 10170.8 |
| 45° | 8111.7 | 7836.1 | 7739.1 | 8243.0 | 8393.7 | 8805.1 | 10221.7 | 10586.0 |
| 47.5° | 8603.6 | 8607.3 | 8763.5 | 8965.1 | 8939.2 | 9178.7 | 10567.5 | 10956.7 |
| 50° | 9177.8 | 9569.8 | 9914.7 | 10048.7 | 9501.4 | 9580.0 | 11047.3 | 11453.2 |
| 52.5° | 9867.5 | 10720.9 | 11148.1 | 11060.3 | 10107.0 | 10070.0 | 11807.4 | 12137.5 |
| 55° | 10730.2 | 11939.6 | 12364.0 | 12301.1 | 10803.2 | 10737.6 | 12754.2 | 12946.5 |
| 57.5° | 11728.8 | 13120.3 | 13510.5 | 13227.6 | 11639.1 | 11469.9 | 13537.3 | 13578.0 |
| 60° | 12606.2 | 14056.0 | 14398.2 | 14084.7 | 12482.3 | 12249.3 | 14026.5 | 13829.5 |
| 62.5° | 13094.4 | 14373.2 | 14613.6 | 14276.1 | 13060.2 | 13079.6 | 14133.7 | 13693.6 |
| 65° | 12876.2 | 13571.5 | 13649.2 | 13621.5 | 12911.4 | 13561.4 | 13748.1 | 13065.8 |
| 67.5° | 11681.6 | 11544.8 | 11675.2 | 11855.5 | 11635.4 | 12927.1 | 12680.2 | 11698.3 |
| 70° | 9577.2 | 8825.5 | 9085.3 | 9206.4 | 9306.3 | 11124.1 | 11005.7 | 9528.2 |
| 72.5° | 7217.6 | 6182.9 | 6388.2 | 6363.2 | 6825.5 | 8922.6 | 8559.2 | 7005.8 |
| 75° | 5114.1 | 4192.2 | 4218.1 | 4207.9 | 4762.7 | 6980.9 | 6197.7 | 4793.2 |
| 77.5° | 3578.3 | 3037.4 | 3051.2 | 3108.6 | 3202.0 | 5264.8 | 4428.0 | 3501.5 |
| 80° | 2460.4 | 2305.1 | 2381.8 | 2386.4 | 2219.1 | 3536.7 | 3271.3 | 2809.9 |
| 82.5° | 1832.6 | 1602.4 | 1583.9 | 1610.7 | 1739.2 | 2865.4 | 2514.0 | 1949.1 |
| 85° | 1500.7 | 948.7 | 762.8 | 956.1 | 1541.3 | 2837.7 | 1669.9 | 1028.2 |
| 87.5° | 845.1 | 450.3 | 203.4 | 377.2 | 614.9 | 1878.8 | 482.7 | 131.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)