

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: P269414

Luminaire Tested: **GLEON-AF-06-LED-E1-SLR-7027-600**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P269414
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: MCGRAW-EDISON
Catalog Number: GLEON-AF-06-LED-E1-SLR-7027-600
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 2700K, 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: 17909.1 lumens
Efficiency: N/A
Efficacy: 92.8 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: 25 FT

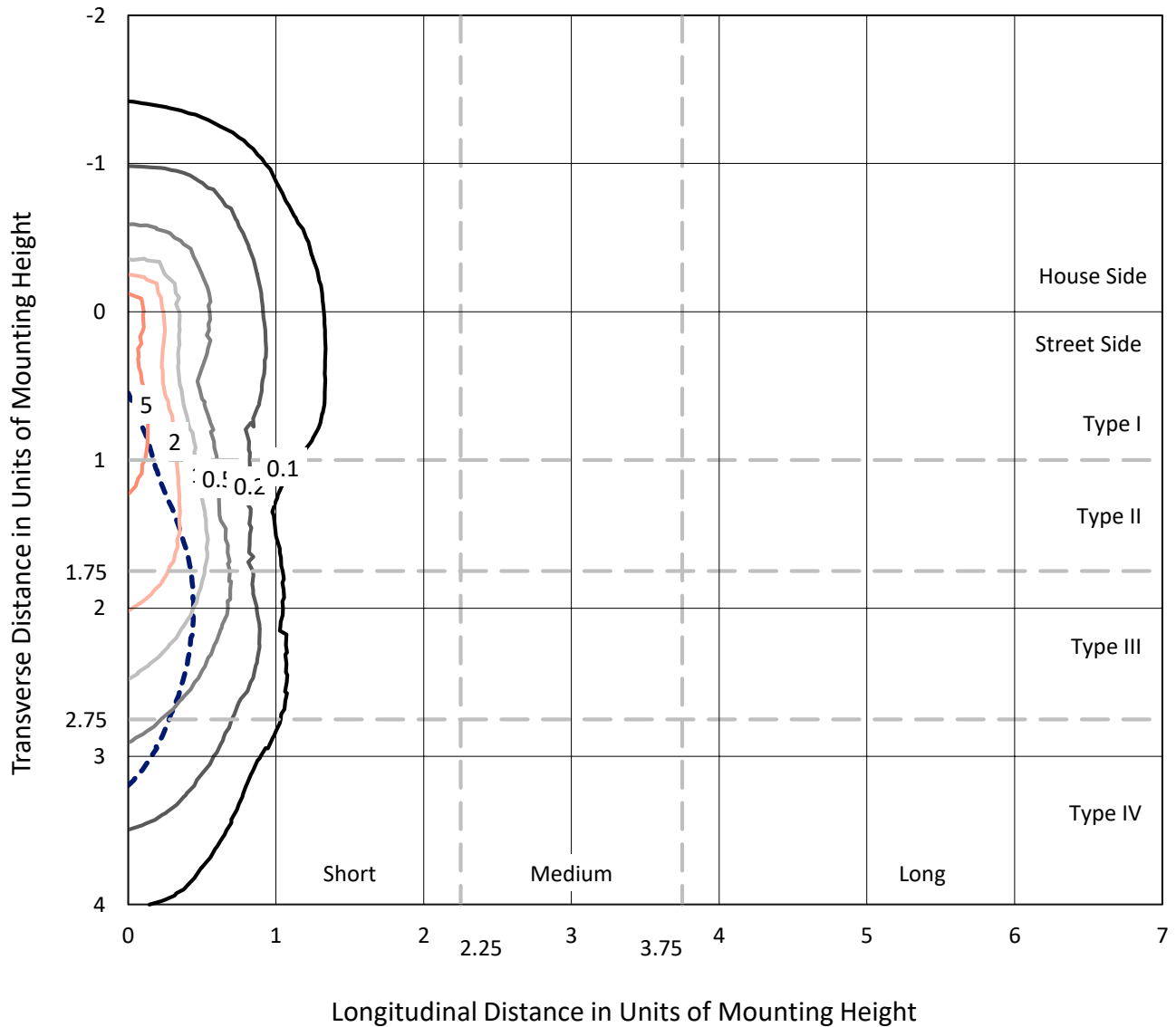


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

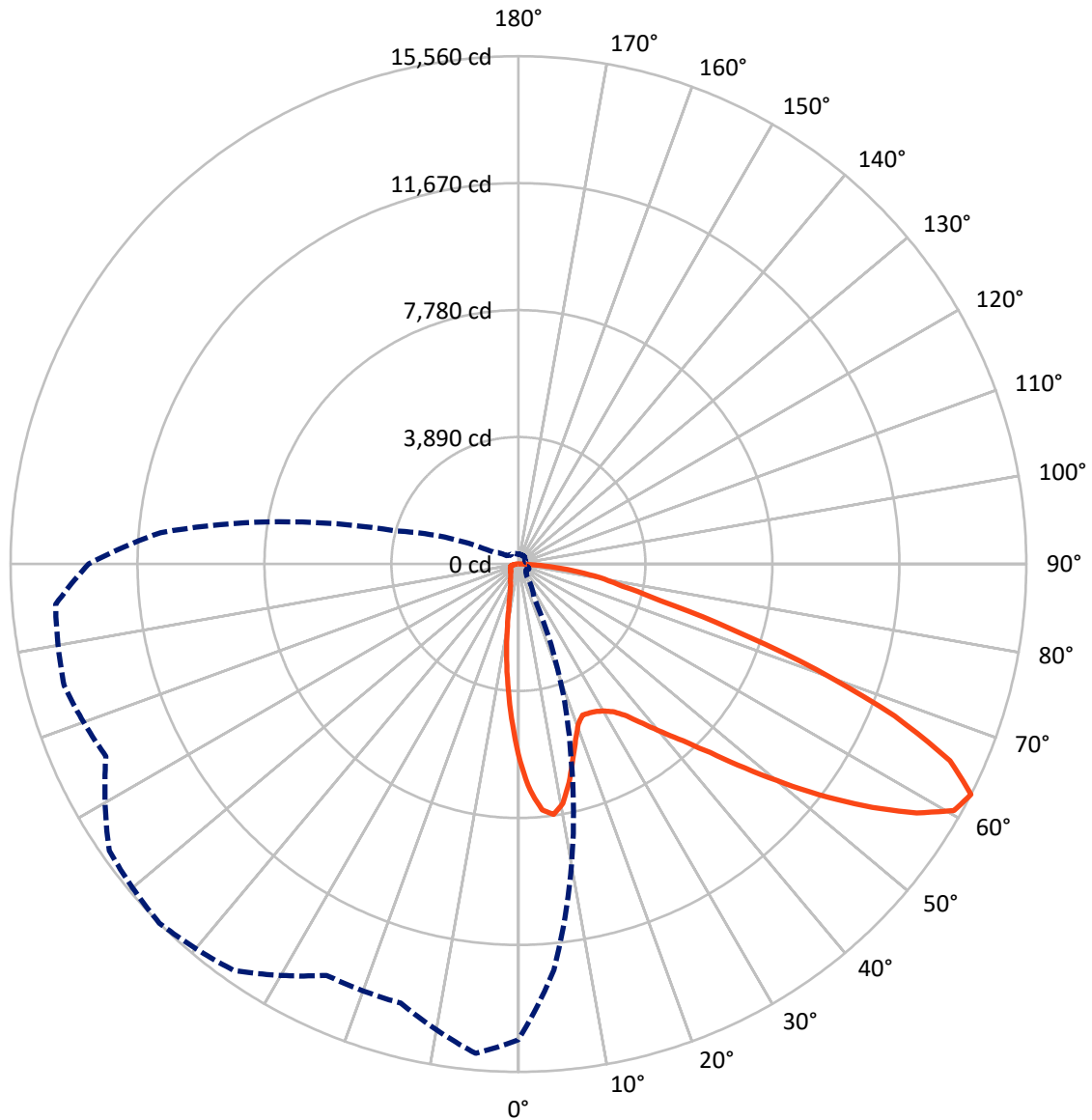


Based on 25 foot mounting height. Maximum calculated value = 9.7 fc
 Type IV - Short - Non-Cutoff

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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 | 2963.7 | 0.0 | 2963.7 |
| | % Fixture | 16.5 | 0.0 | 16.5 |
| Street Side | Lumens | 14945.4 | 0.0 | 14945.4 |
| | % Fixture | 83.5 | 0.0 | 83.5 |
| Total | Lumens | 17909.1 | 0.0 | 17909.1 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 440.5 | 2.5 |
| 10°-20° | 807.7 | 4.5 |
| 20°-30° | 1177.6 | 6.6 |
| 30°-40° | 1813.7 | 10.1 |
| 40°-50° | 2669.3 | 14.9 |
| 50°-60° | 3915.2 | 21.9 |
| 60°-70° | 4376.7 | 24.4 |
| 70°-80° | 2142.8 | 12.0 |
| 80°-90° | 565.7 | 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° | 17909.1 | 100.0 |
| 0°-180° | 17909.1 | 100.0 |

Coefficient of Utilization



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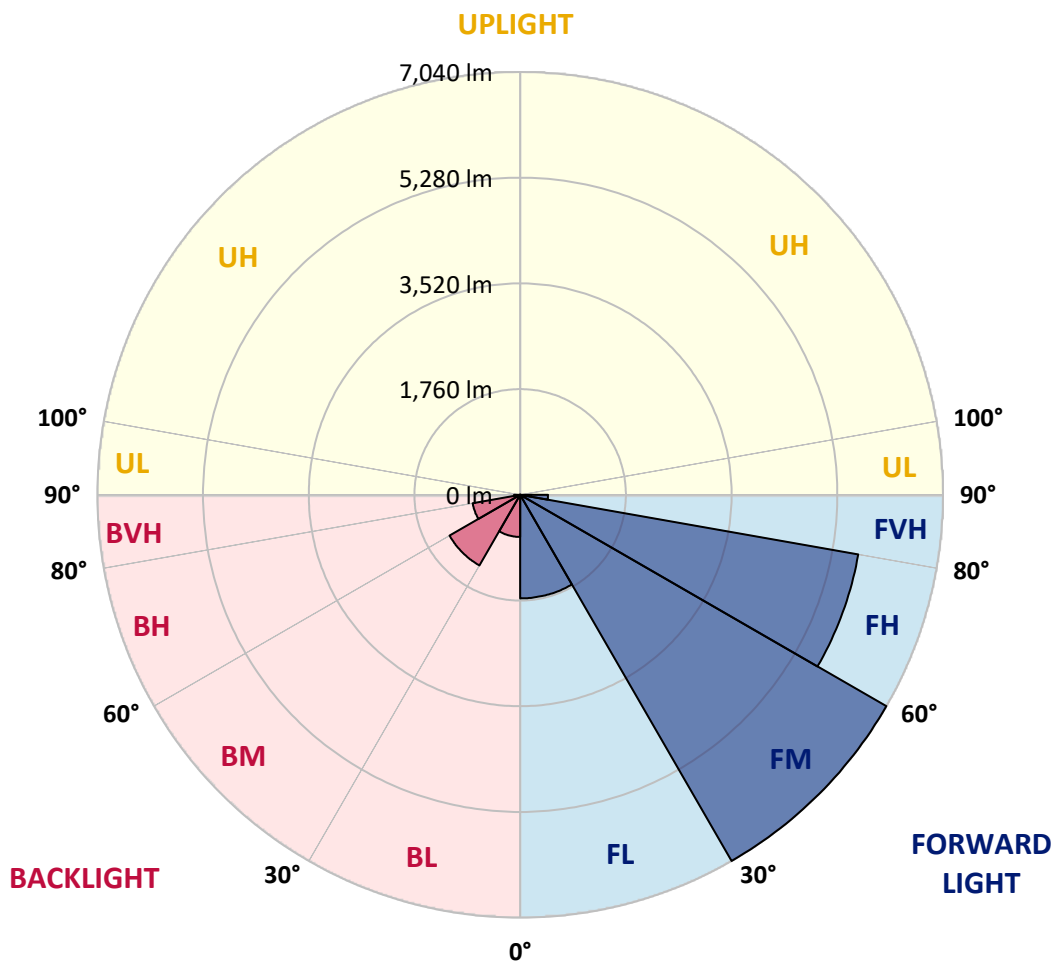
CATALOG NUMBER: GLEON-AF-06-LED-E1-SLR-7027-600

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1724.6 | 9.6 | | | |
| FM (30°-60°) | 7040.2 | 39.3 | | | |
| FH (60°-80°) | 5716.0 | 31.9 | | | G3/7500 |
| FVH (80°-90°) | 464.6 | 2.6 | | | G3/500 |
| BL (0°-30°) | 701.2 | 3.9 | B2/1000 | | |
| BM (30°-60°) | 1357.9 | 7.6 | B2/2500 | | |
| BH (60°-80°) | 803.5 | 4.5 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 101.1 | 0.6 | | | G2/225 |
| 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° | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 |
| 2.5° | 6287.0 | 6159.0 | 5946.3 | 5724.8 | 5590.0 | 5432.4 | 5309.3 | 5201.0 | 4984.4 | 4942.1 | 4980.6 |
| 5° | 5911.8 | 5654.9 | 5254.1 | 4850.6 | 4581.9 | 4293.4 | 4069.0 | 3888.8 | 3614.1 | 3565.8 | 3623.9 |
| 7.5° | 5310.3 | 5003.2 | 4473.5 | 3958.7 | 3578.6 | 3218.3 | 2976.2 | 2783.2 | 2568.6 | 2476.0 | 2481.8 |
| 10° | 4791.5 | 4445.0 | 3818.9 | 3258.6 | 2947.6 | 2704.3 | 2500.6 | 2302.7 | 2085.1 | 1942.3 | 1903.0 |
| 12.5° | 4501.0 | 4102.4 | 3380.7 | 2880.7 | 2592.1 | 2336.2 | 2116.6 | 1904.9 | 1672.6 | 1526.8 | 1485.5 |
| 15° | 4450.8 | 4017.7 | 3216.3 | 2638.4 | 2277.2 | 1953.3 | 1694.4 | 1457.9 | 1218.8 | 1100.7 | 1076.0 |
| 17.5° | 4668.4 | 4169.4 | 3163.1 | 2422.8 | 1980.9 | 1581.0 | 1263.0 | 999.3 | 804.3 | 745.2 | 740.4 |
| 20° | 5085.8 | 4460.8 | 3156.3 | 2220.0 | 1688.5 | 1219.8 | 880.1 | 688.1 | 602.6 | 585.8 | 586.8 |
| 22.5° | 5671.5 | 4912.7 | 3240.9 | 2067.4 | 1419.6 | 909.7 | 661.6 | 576.0 | 542.4 | 526.6 | 526.6 |
| 25° | 6429.7 | 5534.7 | 3435.8 | 1956.1 | 1186.3 | 726.5 | 583.8 | 532.6 | 501.2 | 490.3 | 492.2 |
| 27.5° | 7164.2 | 6140.3 | 3662.3 | 1868.6 | 1033.7 | 659.6 | 553.3 | 507.1 | 479.4 | 468.6 | 473.5 |
| 30° | 7737.1 | 6677.8 | 3851.4 | 1749.4 | 955.9 | 640.9 | 564.1 | 516.9 | 477.4 | 460.7 | 461.6 |
| 32.5° | 8211.5 | 7148.4 | 4009.9 | 1663.8 | 887.0 | 549.4 | 486.3 | 465.6 | 460.7 | 441.1 | 431.1 |
| 35° | 8818.0 | 7661.3 | 4116.2 | 1665.7 | 854.6 | 490.3 | 433.2 | 396.7 | 370.2 | 347.6 | 347.6 |
| 37.5° | 9528.9 | 8250.0 | 4229.4 | 1688.5 | 842.7 | 455.8 | 414.5 | 378.0 | 353.5 | 331.7 | 327.8 |
| 40° | 10231.8 | 8826.9 | 4332.7 | 1710.1 | 835.9 | 435.1 | 399.7 | 366.1 | 343.6 | 322.0 | 316.1 |
| 42.5° | 10829.3 | 9301.4 | 4425.3 | 1721.0 | 812.2 | 433.2 | 388.8 | 358.3 | 336.7 | 313.1 | 307.2 |
| 45° | 11271.5 | 9699.2 | 4524.8 | 1737.6 | 788.6 | 441.1 | 388.8 | 357.3 | 330.8 | 308.2 | 302.2 |
| 47.5° | 11666.2 | 10165.8 | 4691.0 | 1737.6 | 760.1 | 426.2 | 401.6 | 358.3 | 329.8 | 306.2 | 301.2 |
| 50° | 12194.9 | 10805.7 | 5006.2 | 1697.3 | 719.6 | 410.5 | 423.3 | 354.4 | 321.0 | 302.2 | 296.4 |
| 52.5° | 12923.3 | 11625.9 | 5506.3 | 1627.4 | 657.6 | 380.1 | 420.3 | 352.4 | 312.2 | 292.4 | 285.5 |
| 55° | 13784.9 | 12504.0 | 6051.6 | 1545.7 | 565.2 | 358.3 | 405.7 | 347.6 | 302.2 | 280.6 | 273.8 |
| 57.5° | 14457.2 | 13108.4 | 6435.5 | 1419.6 | 484.4 | 346.6 | 359.3 | 342.7 | 290.4 | 267.8 | 261.9 |
| 60° | 14724.9 | 13084.8 | 6540.9 | 1251.2 | 445.0 | 336.7 | 314.0 | 383.9 | 280.6 | 258.0 | 251.0 |
| 62.5° | 14580.2 | 12480.3 | 6245.6 | 1133.1 | 436.1 | 323.8 | 294.4 | 355.4 | 272.6 | 251.0 | 241.3 |
| 65° | 13911.8 | 11409.3 | 5463.0 | 1101.6 | 461.6 | 311.2 | 281.6 | 278.7 | 261.9 | 241.3 | 231.4 |
| 67.5° | 12455.7 | 9808.5 | 4374.0 | 1104.6 | 494.2 | 298.2 | 268.8 | 254.9 | 247.2 | 230.3 | 221.5 |
| 70° | 10145.2 | 7754.8 | 3260.6 | 1112.6 | 511.0 | 283.5 | 254.9 | 240.1 | 231.4 | 214.7 | 208.6 |
| 72.5° | 7459.4 | 5976.9 | 2368.7 | 1061.3 | 513.9 | 266.7 | 236.3 | 223.5 | 214.7 | 196.9 | 192.0 |
| 75° | 5103.6 | 4572.0 | 1643.1 | 879.1 | 448.0 | 243.3 | 215.7 | 203.7 | 197.8 | 176.2 | 173.3 |
| 77.5° | 3728.2 | 3432.0 | 1051.5 | 652.7 | 345.6 | 213.6 | 190.0 | 181.2 | 177.2 | 153.6 | 149.7 |
| 80° | 2991.9 | 2715.1 | 657.6 | 446.9 | 253.1 | 179.2 | 159.4 | 154.6 | 150.6 | 127.0 | 124.1 |
| 82.5° | 2075.4 | 1818.3 | 422.4 | 290.4 | 190.0 | 138.8 | 126.0 | 124.1 | 118.1 | 96.5 | 93.6 |
| 85° | 1094.8 | 987.4 | 267.8 | 197.8 | 137.8 | 95.5 | 87.7 | 87.7 | 84.7 | 64.0 | 62.1 |
| 87.5° | 139.7 | 227.5 | 135.9 | 103.3 | 75.7 | 42.3 | 42.3 | 41.3 | 44.2 | 36.4 | 31.5 |
| 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):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° | 185° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 |
| 2.5° | 4890.0 | 4937.3 | 4891.9 | 4894.9 | 4945.1 | 5094.6 | 5162.6 | 5218.8 | 5278.8 | 5318.1 | 5335.9 |
| 5° | 3544.2 | 3654.5 | 3691.9 | 3770.5 | 3886.7 | 4077.8 | 4153.6 | 4208.6 | 4245.1 | 4266.8 | 4275.7 |
| 7.5° | 2423.7 | 2490.7 | 2565.6 | 2692.6 | 2945.6 | 3057.8 | 3108.0 | 3095.2 | 3053.9 | 3039.1 | 3024.4 |
| 10° | 1827.2 | 1800.7 | 1786.9 | 1856.7 | 2061.5 | 2174.7 | 2210.2 | 2175.8 | 2153.1 | 2158.0 | 2182.6 |
| 12.5° | 1415.6 | 1369.5 | 1313.3 | 1305.4 | 1440.3 | 1541.8 | 1564.4 | 1566.4 | 1607.6 | 1644.1 | 1698.2 |
| 15° | 1031.8 | 1026.9 | 999.3 | 982.6 | 1059.3 | 1142.0 | 1151.8 | 1169.6 | 1207.1 | 1233.6 | 1280.9 |
| 17.5° | 727.5 | 754.0 | 775.7 | 786.6 | 844.6 | 903.8 | 892.9 | 884.0 | 877.1 | 877.1 | 899.8 |
| 20° | 586.8 | 604.5 | 632.0 | 663.6 | 722.5 | 764.0 | 737.4 | 701.9 | 676.3 | 668.5 | 671.5 |
| 22.5° | 528.7 | 542.4 | 558.1 | 585.8 | 639.0 | 667.5 | 639.0 | 613.4 | 587.8 | 578.9 | 576.0 |
| 25° | 499.2 | 516.9 | 531.6 | 552.3 | 591.7 | 611.3 | 583.8 | 565.2 | 549.4 | 538.5 | 530.7 |
| 27.5° | 482.4 | 498.1 | 502.2 | 511.9 | 545.5 | 563.1 | 549.4 | 541.5 | 531.6 | 521.7 | 511.9 |
| 30° | 464.7 | 461.6 | 454.8 | 455.8 | 482.4 | 500.1 | 499.2 | 501.2 | 500.1 | 497.1 | 495.1 |
| 32.5° | 424.3 | 418.4 | 412.5 | 418.4 | 443.0 | 458.8 | 459.8 | 463.6 | 463.6 | 462.6 | 470.6 |
| 35° | 353.5 | 364.3 | 371.2 | 388.8 | 418.4 | 432.2 | 426.2 | 416.5 | 398.7 | 387.9 | 386.9 |
| 37.5° | 326.9 | 328.8 | 340.6 | 365.3 | 397.7 | 410.5 | 401.6 | 379.1 | 367.1 | 365.3 | 368.1 |
| 40° | 314.0 | 316.1 | 322.9 | 345.6 | 378.0 | 390.9 | 382.9 | 366.1 | 355.4 | 354.4 | 359.3 |
| 42.5° | 305.2 | 307.2 | 311.2 | 326.9 | 353.5 | 369.2 | 370.2 | 358.3 | 345.6 | 346.6 | 351.4 |
| 45° | 300.3 | 301.2 | 300.3 | 308.2 | 332.7 | 351.4 | 359.3 | 351.4 | 340.6 | 342.7 | 348.5 |
| 47.5° | 299.2 | 296.4 | 292.4 | 294.4 | 319.9 | 338.8 | 348.5 | 345.6 | 340.6 | 342.7 | 347.6 |
| 50° | 295.4 | 288.4 | 283.5 | 282.5 | 308.2 | 327.8 | 336.7 | 336.7 | 338.8 | 342.7 | 347.6 |
| 52.5° | 283.5 | 275.7 | 275.7 | 272.6 | 300.3 | 319.0 | 324.8 | 325.8 | 328.8 | 335.6 | 342.7 |
| 55° | 268.8 | 265.8 | 268.8 | 263.8 | 294.4 | 312.2 | 315.0 | 317.0 | 319.0 | 324.8 | 334.7 |
| 57.5° | 255.9 | 252.1 | 258.9 | 256.9 | 289.4 | 305.2 | 305.2 | 309.1 | 309.1 | 317.0 | 324.8 |
| 60° | 249.1 | 241.3 | 244.2 | 246.1 | 282.5 | 299.2 | 297.2 | 301.2 | 303.2 | 310.2 | 316.1 |
| 62.5° | 240.1 | 233.3 | 233.3 | 238.2 | 274.7 | 290.4 | 289.4 | 292.4 | 300.3 | 302.2 | 308.2 |
| 65° | 229.3 | 226.5 | 223.5 | 229.3 | 266.7 | 280.6 | 281.6 | 285.5 | 292.4 | 294.4 | 299.2 |
| 67.5° | 218.6 | 219.5 | 213.6 | 219.5 | 259.9 | 270.7 | 270.7 | 278.7 | 281.6 | 285.5 | 290.4 |
| 70° | 206.7 | 207.7 | 202.7 | 209.8 | 254.9 | 259.9 | 258.9 | 269.8 | 271.6 | 274.7 | 279.6 |
| 72.5° | 192.0 | 192.0 | 190.0 | 199.9 | 247.2 | 249.1 | 247.2 | 255.9 | 256.9 | 259.9 | 261.9 |
| 75° | 176.2 | 176.2 | 174.2 | 188.0 | 242.3 | 237.2 | 231.4 | 238.2 | 240.1 | 242.3 | 242.3 |
| 77.5° | 155.5 | 157.6 | 157.6 | 174.2 | 225.5 | 232.3 | 212.7 | 216.6 | 219.5 | 220.5 | 217.6 |
| 80° | 130.0 | 134.8 | 136.8 | 158.6 | 189.1 | 214.7 | 190.0 | 193.0 | 193.9 | 193.9 | 190.0 |
| 82.5° | 99.4 | 108.2 | 113.2 | 136.8 | 144.7 | 180.2 | 165.4 | 168.3 | 165.4 | 159.4 | 157.6 |
| 85° | 68.9 | 80.8 | 86.6 | 104.4 | 109.2 | 138.8 | 137.8 | 137.8 | 132.0 | 124.1 | 123.1 |
| 87.5° | 37.4 | 44.2 | 48.2 | 62.1 | 74.7 | 93.6 | 101.4 | 98.5 | 93.6 | 88.7 | 89.7 |
| 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° | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 |
| 2.5° | 5428.5 | 5562.3 | 5776.0 | 5939.5 | 6103.9 | 6262.4 | 6433.7 | 6564.5 | 6675.8 | 6719.1 | 6851.1 |
| 5° | 4365.3 | 4532.6 | 4734.3 | 5098.7 | 5356.7 | 5641.0 | 5970.0 | 6405.1 | 6572.4 | 6803.9 | 7182.8 |
| 7.5° | 3086.3 | 3238.0 | 3562.9 | 3857.2 | 4222.5 | 4625.2 | 5069.1 | 5669.7 | 5889.2 | 6260.4 | 6877.7 |
| 10° | 2304.7 | 2480.8 | 2741.7 | 2989.9 | 3311.8 | 3723.4 | 4233.4 | 4904.7 | 5171.5 | 5574.2 | 6284.9 |
| 12.5° | 1856.7 | 2064.5 | 2341.2 | 2574.5 | 2823.6 | 3114.0 | 3609.1 | 4345.6 | 4702.8 | 5055.3 | 5774.0 |
| 15° | 1426.5 | 1644.1 | 1901.1 | 2197.3 | 2472.0 | 2785.1 | 3304.0 | 4109.2 | 4520.8 | 4887.9 | 5501.3 |
| 17.5° | 987.4 | 1173.5 | 1497.5 | 1806.5 | 2158.0 | 2558.7 | 3219.3 | 4159.4 | 4650.7 | 5074.0 | 5548.7 |
| 20° | 700.0 | 806.3 | 1072.0 | 1430.5 | 1868.6 | 2371.6 | 3203.5 | 4423.3 | 5062.2 | 5545.5 | 5851.7 |
| 22.5° | 588.7 | 628.2 | 782.7 | 1111.6 | 1617.5 | 2231.7 | 3258.6 | 4793.4 | 5617.6 | 6234.7 | 6335.1 |
| 25° | 536.6 | 560.2 | 640.9 | 872.3 | 1394.0 | 2130.4 | 3444.7 | 5344.7 | 6304.7 | 6923.9 | 6906.2 |
| 27.5° | 508.0 | 532.6 | 585.8 | 736.4 | 1225.6 | 2067.4 | 3630.8 | 5998.5 | 7090.3 | 7672.2 | 7451.6 |
| 30° | 499.2 | 532.6 | 588.7 | 694.1 | 1105.5 | 1967.9 | 3783.4 | 6572.4 | 7694.7 | 8177.1 | 7699.6 |
| 32.5° | 492.2 | 497.1 | 522.8 | 598.6 | 991.4 | 1851.9 | 3886.7 | 7087.3 | 8286.4 | 8657.5 | 8057.1 |
| 35° | 397.7 | 422.4 | 463.6 | 536.6 | 924.4 | 1781.9 | 3886.7 | 7531.3 | 8869.2 | 9142.9 | 8397.6 |
| 37.5° | 382.9 | 404.6 | 441.1 | 503.1 | 887.0 | 1747.5 | 3809.0 | 7959.6 | 9464.8 | 9693.3 | 8678.3 |
| 40° | 375.1 | 392.7 | 427.2 | 477.4 | 871.3 | 1708.0 | 3695.7 | 8337.6 | 10046.6 | 10244.6 | 8940.1 |
| 42.5° | 369.2 | 385.0 | 417.4 | 461.6 | 850.5 | 1664.7 | 3604.2 | 8640.8 | 10551.8 | 10715.2 | 9190.2 |
| 45° | 366.1 | 382.9 | 418.4 | 469.6 | 809.3 | 1607.6 | 3573.6 | 8968.7 | 10967.1 | 11107.9 | 9460.9 |
| 47.5° | 366.1 | 385.9 | 423.3 | 486.3 | 760.1 | 1548.6 | 3669.1 | 9400.9 | 11360.0 | 11428.9 | 9779.8 |
| 50° | 363.3 | 385.0 | 437.1 | 469.6 | 688.1 | 1473.8 | 3893.7 | 9945.2 | 11785.4 | 11793.2 | 10183.5 |
| 52.5° | 357.3 | 382.9 | 470.6 | 459.8 | 605.5 | 1375.3 | 4196.9 | 10644.2 | 12414.3 | 12461.6 | 10815.6 |
| 55° | 350.5 | 380.1 | 461.6 | 437.1 | 537.5 | 1258.2 | 4445.0 | 11493.9 | 13298.5 | 13429.4 | 11744.9 |
| 57.5° | 341.6 | 376.1 | 446.9 | 405.7 | 493.2 | 1107.5 | 4534.6 | 12116.1 | 13915.7 | 14244.6 | 12792.5 |
| 60° | 333.7 | 373.2 | 403.7 | 386.9 | 465.6 | 980.5 | 4361.4 | 11993.0 | 13873.5 | 14582.2 | 13720.8 |
| 62.5° | 325.8 | 376.1 | 368.1 | 375.1 | 452.8 | 898.8 | 3908.4 | 11007.6 | 13171.5 | 14233.7 | 14409.0 |
| 65° | 317.0 | 349.5 | 347.6 | 365.3 | 450.0 | 866.3 | 3239.9 | 9529.8 | 11814.8 | 13132.1 | 14571.3 |
| 67.5° | 305.2 | 322.9 | 332.7 | 352.4 | 459.8 | 837.8 | 2614.7 | 7861.2 | 9929.5 | 11481.1 | 13724.8 |
| 70° | 292.4 | 307.2 | 318.0 | 336.7 | 453.9 | 825.1 | 2174.7 | 6199.4 | 7878.9 | 9409.7 | 12054.0 |
| 72.5° | 275.7 | 288.4 | 298.2 | 316.1 | 448.0 | 818.0 | 1837.0 | 4992.3 | 5882.3 | 6989.8 | 9800.6 |
| 75° | 255.9 | 267.8 | 274.7 | 292.4 | 429.2 | 749.1 | 1444.2 | 4224.4 | 4401.6 | 4862.3 | 7806.0 |
| 77.5° | 233.3 | 242.3 | 248.1 | 267.8 | 380.1 | 623.2 | 1044.5 | 3258.6 | 3418.1 | 3530.3 | 5984.7 |
| 80° | 206.7 | 215.7 | 218.6 | 237.2 | 315.0 | 487.3 | 681.3 | 2407.1 | 2556.8 | 2582.3 | 3908.4 |
| 82.5° | 176.2 | 185.1 | 185.1 | 202.7 | 258.0 | 350.5 | 446.9 | 1649.0 | 1678.6 | 1765.2 | 2762.5 |
| 85° | 141.8 | 148.7 | 148.7 | 157.6 | 199.9 | 261.9 | 307.2 | 828.0 | 819.1 | 935.2 | 2393.3 |
| 87.5° | 101.4 | 106.3 | 111.2 | 113.2 | 142.7 | 173.3 | 185.1 | 252.1 | 166.4 | 191.0 | 1536.8 |
| 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: P269414

CATALOG NUMBER: GLEON-AF-06-LED-E1-SLR-7027-600

CANDELA DISTRIBUTION (continued):

| | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 | 6050.7 |
| 2.5° | 6950.5 | 7006.6 | 6949.5 | 6908.1 | 6729.9 | 6583.3 | 6387.4 | 6287.0 |
| 5° | 7471.3 | 7614.0 | 7565.7 | 7392.5 | 7020.3 | 6602.0 | 6126.5 | 5911.8 |
| 7.5° | 7408.2 | 7740.1 | 7747.9 | 7424.0 | 6875.6 | 6259.4 | 5615.6 | 5310.3 |
| 10° | 6917.9 | 7342.2 | 7463.4 | 7149.3 | 6567.5 | 5878.4 | 5140.0 | 4791.5 |
| 12.5° | 6370.6 | 6786.1 | 6878.6 | 6770.3 | 6284.0 | 5591.9 | 4842.8 | 4501.0 |
| 15° | 5922.6 | 6108.7 | 6219.0 | 6313.5 | 6040.8 | 5477.7 | 4826.0 | 4450.8 |
| 17.5° | 5650.0 | 5629.3 | 5660.8 | 5825.1 | 5871.5 | 5608.6 | 5081.9 | 4668.4 |
| 20° | 5551.5 | 5235.5 | 5227.6 | 5454.1 | 5791.7 | 5920.6 | 5582.1 | 5085.8 |
| 22.5° | 5605.7 | 5093.7 | 5028.7 | 5297.6 | 5834.0 | 6370.6 | 6237.7 | 5671.5 |
| 25° | 5792.7 | 5105.5 | 5053.3 | 5313.3 | 5987.7 | 6850.0 | 6945.5 | 6429.7 |
| 27.5° | 6087.1 | 5180.3 | 5111.4 | 5378.2 | 6191.5 | 7252.7 | 7642.6 | 7164.2 |
| 30° | 6366.6 | 5310.3 | 5224.7 | 5506.3 | 6377.4 | 7412.3 | 8069.8 | 7737.1 |
| 32.5° | 6706.3 | 5553.5 | 5402.9 | 5741.5 | 6607.9 | 7666.1 | 8450.9 | 8211.5 |
| 35° | 7039.1 | 5900.1 | 5713.0 | 6104.8 | 6864.8 | 7982.2 | 8885.9 | 8818.0 |
| 37.5° | 7404.3 | 6353.0 | 6198.3 | 6574.3 | 7216.3 | 8280.5 | 9441.2 | 9528.9 |
| 40° | 7794.1 | 6953.4 | 6770.3 | 7259.7 | 7761.6 | 8654.6 | 10021.1 | 10231.8 |
| 42.5° | 8187.1 | 7620.0 | 7401.3 | 7897.5 | 8361.2 | 9023.8 | 10517.3 | 10829.3 |
| 45° | 8636.9 | 8343.5 | 8240.2 | 8776.7 | 8937.1 | 9375.3 | 10883.5 | 11271.5 |
| 47.5° | 9160.6 | 9164.6 | 9331.0 | 9545.6 | 9518.0 | 9773.0 | 11251.7 | 11666.2 |
| 50° | 9772.0 | 10189.5 | 10556.6 | 10699.4 | 10116.6 | 10200.3 | 11762.6 | 12194.9 |
| 52.5° | 10506.4 | 11415.1 | 11869.9 | 11776.4 | 10761.4 | 10722.0 | 12571.9 | 12923.3 |
| 55° | 11425.0 | 12712.6 | 13164.5 | 13097.6 | 11502.7 | 11432.9 | 13579.9 | 13784.9 |
| 57.5° | 12488.1 | 13969.9 | 14385.3 | 14084.0 | 12392.7 | 12212.5 | 14413.8 | 14457.2 |
| 60° | 13422.5 | 14966.1 | 15330.5 | 14996.7 | 13290.6 | 13042.5 | 14934.7 | 14724.9 |
| 62.5° | 13942.4 | 15303.9 | 15559.8 | 15200.5 | 13905.9 | 13926.6 | 15048.9 | 14580.2 |
| 65° | 13709.9 | 14450.2 | 14533.0 | 14503.5 | 13747.4 | 14439.4 | 14638.3 | 13911.8 |
| 67.5° | 12438.0 | 12292.2 | 12431.1 | 12623.2 | 12388.7 | 13764.1 | 13501.3 | 12455.7 |
| 70° | 10197.3 | 9396.9 | 9673.6 | 9802.6 | 9908.8 | 11844.3 | 11718.3 | 10145.2 |
| 72.5° | 7684.9 | 6583.3 | 6801.8 | 6775.2 | 7267.5 | 9500.3 | 9113.3 | 7459.4 |
| 75° | 5445.2 | 4463.7 | 4491.3 | 4480.3 | 5071.1 | 7432.8 | 6598.9 | 5103.6 |
| 77.5° | 3810.0 | 3234.1 | 3248.8 | 3309.9 | 3409.2 | 5605.7 | 4714.8 | 3728.2 |
| 80° | 2619.6 | 2454.3 | 2536.1 | 2540.9 | 2362.7 | 3765.6 | 3483.1 | 2991.9 |
| 82.5° | 1951.3 | 1706.2 | 1686.4 | 1715.0 | 1851.9 | 3051.0 | 2676.8 | 2075.4 |
| 85° | 1597.8 | 1010.1 | 812.2 | 1018.0 | 1641.2 | 3021.4 | 1777.9 | 1094.8 |
| 87.5° | 899.8 | 479.4 | 216.6 | 401.6 | 654.7 | 2000.4 | 513.9 | 139.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)