

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: P192121

Luminaire Tested: **GLEON-AF-03-LED-E1-SLR-7050-800**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P192121
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-03-LED-E1-SLR-7050-800
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(3) 70 CRI, 5000K, 800mA 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: 12903 lumens
Efficiency: N/A
Efficacy: 104.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B2 - U0 - G3

Input Watts (W): 124
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

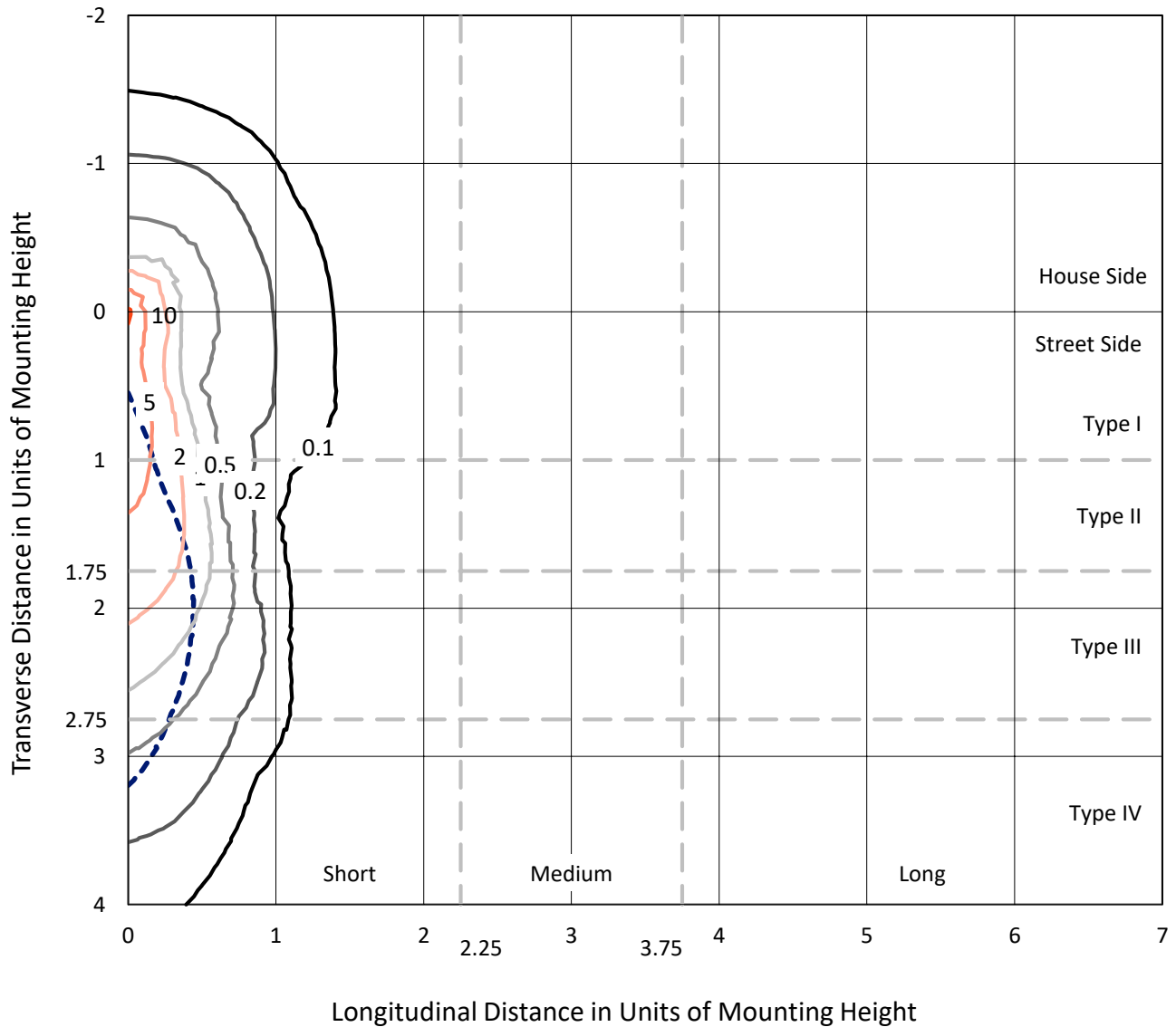


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Iso-Footcandle Lines of Horizontal Illumination

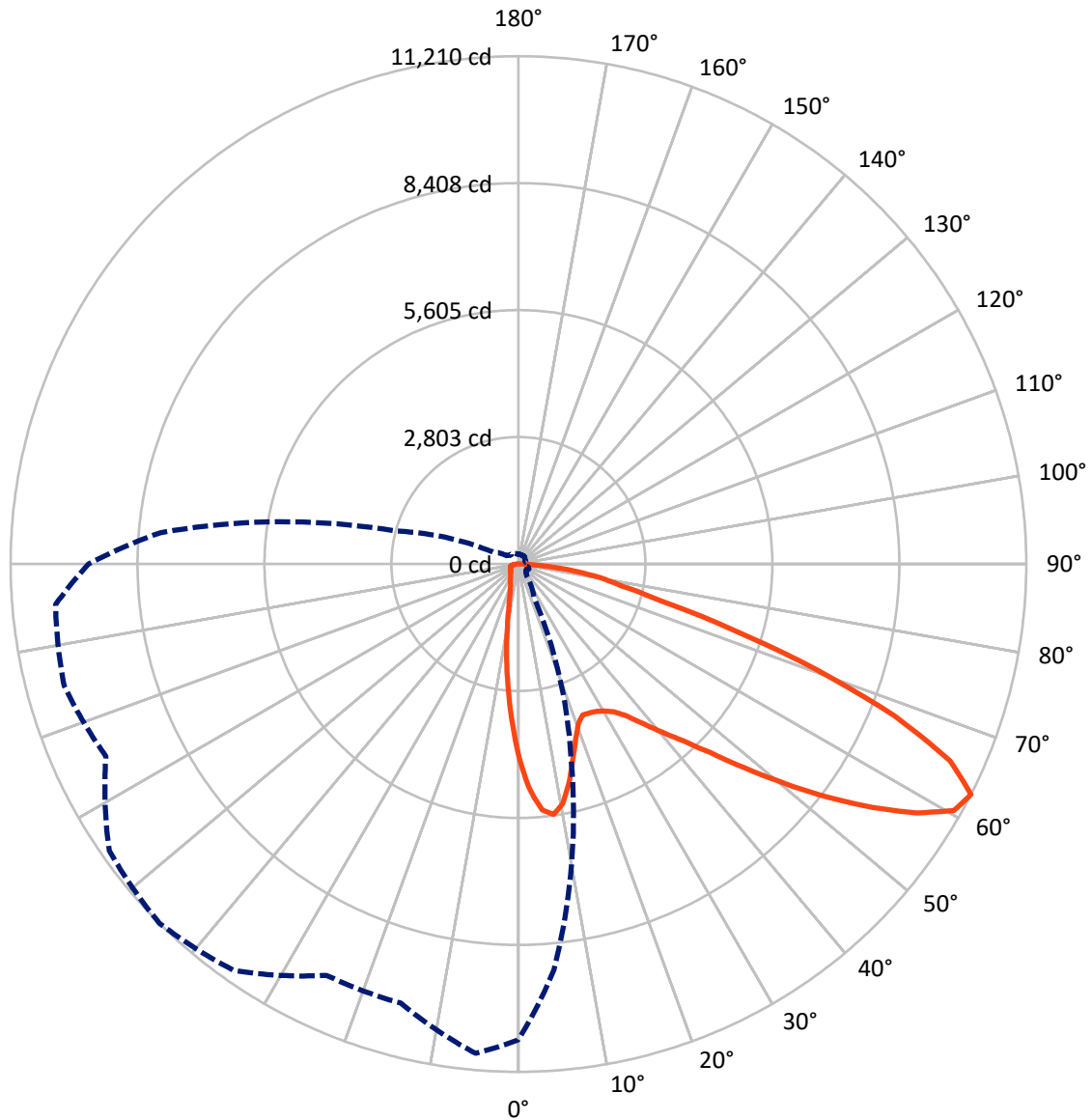
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 10.9 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 | 2135.3 | 0.0 | 2135.3 |
| | % Fixture | 16.5 | 0.0 | 16.5 |
| Street Side | Lumens | 10767.7 | 0.0 | 10767.7 |
| | % Fixture | 83.5 | 0.0 | 83.5 |
| Total | Lumens | 12903.0 | 0.0 | 12903.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

Coefficient of Utilization

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 317.3 | 2.5 |
| 10°-20° | 581.9 | 4.5 |
| 20°-30° | 848.4 | 6.6 |
| 30°-40° | 1306.7 | 10.1 |
| 40°-50° | 1923.1 | 14.9 |
| 50°-60° | 2820.8 | 21.9 |
| 60°-70° | 3153.3 | 24.4 |
| 70°-80° | 1543.8 | 12.0 |
| 80°-90° | 407.6 | 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° | 12903.0 | 100.0 |
| 0°-180° | 12903.0 | 100.0 |



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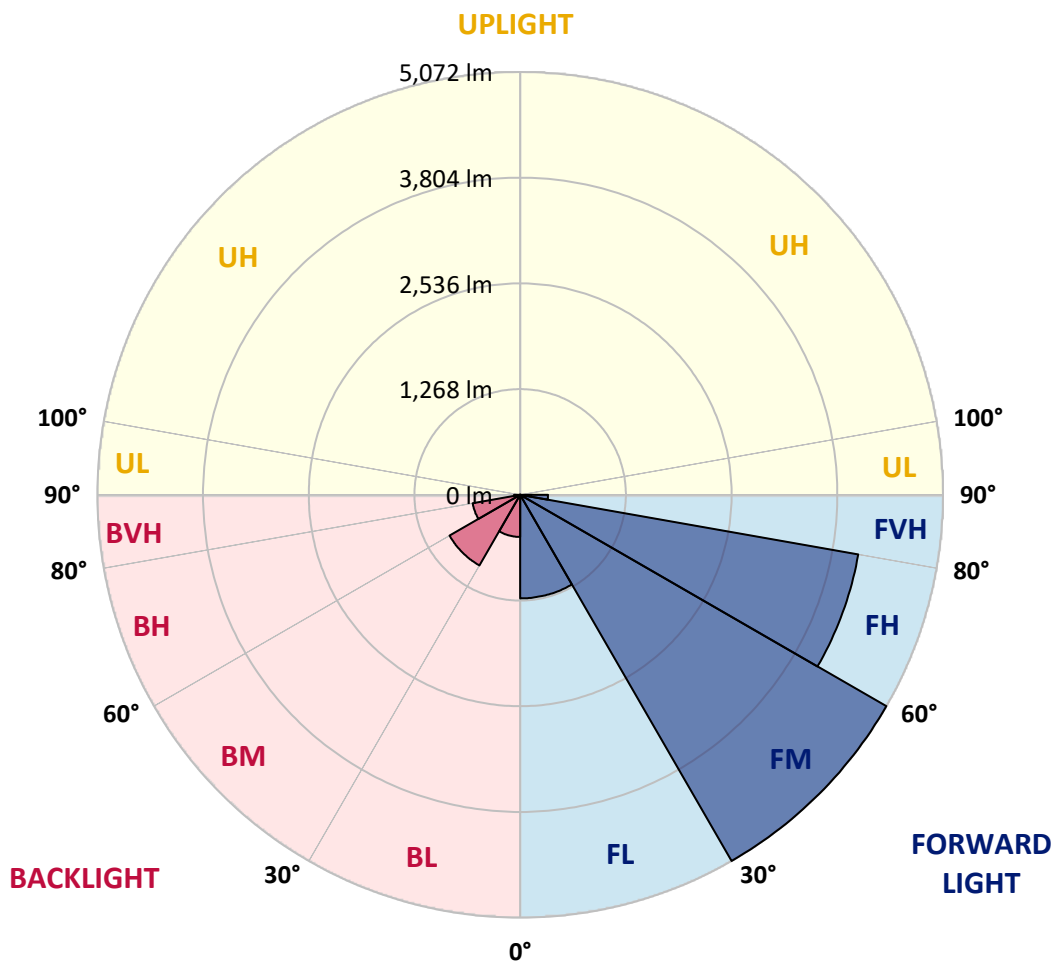
CATALOG NUMBER: GLEON-AF-03-LED-E1-SLR-7050-800

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1242.5 | 9.6 | | | |
| FM (30°-60°) | 5072.3 | 39.3 | | | |
| FH (60°-80°) | 4118.2 | 31.9 | | | G2/5000 |
| FVH (80°-90°) | 334.7 | 2.6 | | | G3/500 |
| BL (0°-30°) | 505.2 | 3.9 | B2/1000 | | |
| BM (30°-60°) | 978.4 | 7.6 | B1/1000 | | |
| BH (60°-80°) | 578.9 | 4.5 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 72.9 | 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° | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 |
| 2.5° | 4529.6 | 4437.4 | 4284.1 | 4124.6 | 4027.4 | 3913.9 | 3825.2 | 3747.2 | 3591.2 | 3560.7 | 3588.3 |
| 5° | 4259.3 | 4074.2 | 3785.5 | 3494.7 | 3301.1 | 3093.2 | 2931.5 | 2801.7 | 2603.8 | 2569.1 | 2610.9 |
| 7.5° | 3825.9 | 3604.6 | 3223.0 | 2852.1 | 2578.3 | 2318.7 | 2144.2 | 2005.2 | 1850.6 | 1783.9 | 1788.1 |
| 10° | 3452.1 | 3202.5 | 2751.4 | 2347.8 | 2123.6 | 1948.4 | 1801.6 | 1659.0 | 1502.3 | 1399.4 | 1371.1 |
| 12.5° | 3242.9 | 2955.6 | 2435.7 | 2075.4 | 1867.6 | 1683.2 | 1525.0 | 1372.5 | 1205.1 | 1100.1 | 1070.3 |
| 15° | 3206.7 | 2894.6 | 2317.3 | 1900.9 | 1640.6 | 1407.2 | 1220.7 | 1050.5 | 878.1 | 793.0 | 775.3 |
| 17.5° | 3363.5 | 3003.9 | 2279.0 | 1745.6 | 1427.1 | 1139.1 | 910.0 | 719.9 | 579.5 | 536.9 | 533.4 |
| 20° | 3664.2 | 3213.8 | 2274.0 | 1599.5 | 1216.4 | 878.8 | 634.1 | 495.8 | 434.1 | 422.0 | 422.7 |
| 22.5° | 4086.2 | 3539.4 | 2335.0 | 1489.5 | 1022.8 | 655.4 | 476.6 | 414.9 | 390.8 | 379.5 | 379.5 |
| 25° | 4632.4 | 3987.7 | 2475.4 | 1409.4 | 854.7 | 523.5 | 420.6 | 383.7 | 361.0 | 353.2 | 354.6 |
| 27.5° | 5161.5 | 4423.9 | 2638.6 | 1346.2 | 744.8 | 475.2 | 398.6 | 365.3 | 345.4 | 337.6 | 341.2 |
| 30° | 5574.4 | 4811.1 | 2774.8 | 1260.4 | 688.7 | 461.8 | 406.4 | 372.4 | 344.0 | 332.0 | 332.7 |
| 32.5° | 5916.2 | 5150.2 | 2889.0 | 1198.7 | 639.1 | 395.8 | 350.4 | 335.5 | 332.0 | 317.8 | 310.7 |
| 35° | 6353.2 | 5519.7 | 2965.6 | 1200.1 | 615.7 | 353.2 | 312.1 | 285.8 | 266.7 | 250.4 | 250.4 |
| 37.5° | 6865.3 | 5943.9 | 3047.1 | 1216.4 | 607.2 | 328.4 | 298.6 | 272.4 | 254.6 | 239.0 | 236.2 |
| 40° | 7371.7 | 6359.5 | 3121.6 | 1232.0 | 602.2 | 313.5 | 288.0 | 263.9 | 247.5 | 231.9 | 227.7 |
| 42.5° | 7802.2 | 6701.4 | 3188.3 | 1239.8 | 585.2 | 312.1 | 280.2 | 258.2 | 242.6 | 225.6 | 221.3 |
| 45° | 8120.7 | 6988.0 | 3259.9 | 1251.9 | 568.1 | 317.8 | 280.2 | 257.5 | 238.3 | 222.0 | 217.8 |
| 47.5° | 8405.1 | 7324.2 | 3379.8 | 1251.9 | 547.6 | 307.1 | 289.4 | 258.2 | 237.6 | 220.6 | 217.0 |
| 50° | 8786.0 | 7785.2 | 3606.8 | 1222.8 | 518.5 | 295.8 | 305.0 | 255.3 | 231.2 | 217.8 | 213.5 |
| 52.5° | 9310.9 | 8376.1 | 3967.1 | 1172.5 | 473.8 | 273.8 | 302.9 | 253.9 | 224.8 | 210.7 | 205.7 |
| 55° | 9931.6 | 9008.8 | 4360.0 | 1113.6 | 407.1 | 258.2 | 292.2 | 250.4 | 217.8 | 202.1 | 197.2 |
| 57.5° | 10416.0 | 9444.3 | 4636.7 | 1022.8 | 349.0 | 249.7 | 258.9 | 246.8 | 209.2 | 192.9 | 188.7 |
| 60° | 10608.9 | 9427.2 | 4712.6 | 901.5 | 320.6 | 242.6 | 226.3 | 276.6 | 202.1 | 185.8 | 180.9 |
| 62.5° | 10504.7 | 8991.7 | 4499.8 | 816.4 | 314.2 | 233.4 | 212.1 | 256.1 | 196.5 | 180.9 | 173.8 |
| 65° | 10023.1 | 8220.0 | 3935.9 | 793.7 | 332.7 | 224.1 | 202.9 | 200.7 | 188.7 | 173.8 | 166.7 |
| 67.5° | 8974.0 | 7066.7 | 3151.4 | 795.8 | 356.1 | 214.9 | 193.6 | 183.7 | 178.0 | 166.0 | 159.6 |
| 70° | 7309.3 | 5587.1 | 2349.2 | 801.5 | 368.1 | 204.3 | 183.7 | 173.1 | 166.7 | 154.6 | 150.4 |
| 72.5° | 5374.3 | 4306.1 | 1706.6 | 764.6 | 370.3 | 192.2 | 170.2 | 161.0 | 154.6 | 141.9 | 138.3 |
| 75° | 3677.0 | 3294.0 | 1183.8 | 633.4 | 322.7 | 175.2 | 155.3 | 146.8 | 142.6 | 127.0 | 124.8 |
| 77.5° | 2686.1 | 2472.6 | 757.5 | 470.3 | 249.0 | 153.9 | 136.9 | 130.5 | 127.7 | 110.7 | 107.8 |
| 80° | 2155.5 | 1956.2 | 473.8 | 322.0 | 182.3 | 129.1 | 114.9 | 111.4 | 108.5 | 91.5 | 89.4 |
| 82.5° | 1495.2 | 1310.1 | 304.3 | 209.2 | 136.9 | 100.0 | 90.8 | 89.4 | 85.1 | 69.5 | 67.4 |
| 85° | 788.7 | 711.4 | 192.9 | 142.6 | 99.3 | 68.8 | 63.1 | 63.1 | 61.0 | 46.1 | 44.7 |
| 87.5° | 100.7 | 163.8 | 97.9 | 74.5 | 54.6 | 30.5 | 30.5 | 29.8 | 31.9 | 26.2 | 22.7 |
| 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):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° | 185° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 |
| 2.5° | 3523.1 | 3557.1 | 3524.5 | 3526.6 | 3562.8 | 3670.6 | 3719.5 | 3760.0 | 3803.2 | 3831.6 | 3844.4 |
| 5° | 2553.5 | 2632.9 | 2659.9 | 2716.6 | 2800.3 | 2937.9 | 2992.5 | 3032.2 | 3058.5 | 3074.1 | 3080.5 |
| 7.5° | 1746.3 | 1794.5 | 1848.4 | 1939.9 | 2122.2 | 2203.1 | 2239.2 | 2230.0 | 2200.2 | 2189.6 | 2179.0 |
| 10° | 1316.5 | 1297.3 | 1287.4 | 1337.7 | 1485.3 | 1566.8 | 1592.4 | 1567.5 | 1551.2 | 1554.8 | 1572.5 |
| 12.5° | 1020.0 | 986.6 | 946.2 | 940.5 | 1037.7 | 1110.8 | 1127.1 | 1128.5 | 1158.3 | 1184.5 | 1223.5 |
| 15° | 743.3 | 739.8 | 719.9 | 707.9 | 763.2 | 822.8 | 829.9 | 842.6 | 869.6 | 888.7 | 922.8 |
| 17.5° | 524.2 | 543.3 | 558.9 | 566.7 | 608.6 | 651.1 | 643.3 | 636.9 | 632.0 | 632.0 | 648.3 |
| 20° | 422.7 | 435.5 | 455.4 | 478.1 | 520.6 | 550.4 | 531.3 | 505.7 | 487.3 | 481.6 | 483.7 |
| 22.5° | 380.9 | 390.8 | 402.2 | 422.0 | 460.3 | 480.9 | 460.3 | 441.9 | 423.4 | 417.1 | 414.9 |
| 25° | 359.6 | 372.4 | 383.0 | 397.9 | 426.3 | 440.5 | 420.6 | 407.1 | 395.8 | 388.0 | 382.3 |
| 27.5° | 347.6 | 358.9 | 361.7 | 368.8 | 392.9 | 405.7 | 395.8 | 390.1 | 383.0 | 375.9 | 368.8 |
| 30° | 334.8 | 332.7 | 327.7 | 328.4 | 347.6 | 360.3 | 359.6 | 361.0 | 360.3 | 358.2 | 356.8 |
| 32.5° | 305.7 | 301.5 | 297.2 | 301.5 | 319.2 | 330.5 | 331.2 | 334.1 | 334.1 | 333.4 | 339.0 |
| 35° | 254.6 | 262.4 | 267.4 | 280.2 | 301.5 | 311.4 | 307.1 | 300.0 | 287.3 | 279.5 | 278.8 |
| 37.5° | 235.5 | 236.9 | 245.4 | 263.1 | 286.6 | 295.8 | 289.4 | 273.1 | 264.6 | 263.1 | 265.3 |
| 40° | 226.3 | 227.7 | 232.6 | 249.0 | 272.4 | 281.6 | 275.9 | 263.9 | 256.1 | 255.3 | 258.9 |
| 42.5° | 219.9 | 221.3 | 224.1 | 235.5 | 254.6 | 266.0 | 266.7 | 258.2 | 249.0 | 249.7 | 253.2 |
| 45° | 216.3 | 217.0 | 216.3 | 222.0 | 239.7 | 253.2 | 258.9 | 253.2 | 245.4 | 246.8 | 251.1 |
| 47.5° | 215.6 | 213.5 | 210.7 | 212.1 | 230.5 | 244.0 | 251.1 | 249.0 | 245.4 | 246.8 | 250.4 |
| 50° | 212.8 | 207.8 | 204.3 | 203.6 | 222.0 | 236.2 | 242.6 | 242.6 | 244.0 | 246.8 | 250.4 |
| 52.5° | 204.3 | 198.6 | 198.6 | 196.5 | 216.3 | 229.8 | 234.1 | 234.8 | 236.9 | 241.9 | 246.8 |
| 55° | 193.6 | 191.5 | 193.6 | 190.1 | 212.1 | 224.8 | 227.0 | 228.4 | 229.8 | 234.1 | 241.2 |
| 57.5° | 184.4 | 181.6 | 186.5 | 185.1 | 208.5 | 219.9 | 219.9 | 222.7 | 222.7 | 228.4 | 234.1 |
| 60° | 179.5 | 173.8 | 175.9 | 177.3 | 203.6 | 215.6 | 214.2 | 217.0 | 218.5 | 223.4 | 227.7 |
| 62.5° | 173.1 | 168.1 | 168.1 | 171.6 | 197.9 | 209.2 | 208.5 | 210.7 | 216.3 | 217.8 | 222.0 |
| 65° | 165.3 | 163.1 | 161.0 | 165.3 | 192.2 | 202.1 | 202.9 | 205.7 | 210.7 | 212.1 | 215.6 |
| 67.5° | 157.5 | 158.2 | 153.9 | 158.2 | 187.3 | 195.1 | 195.1 | 200.7 | 202.9 | 205.7 | 209.2 |
| 70° | 149.0 | 149.7 | 146.1 | 151.1 | 183.7 | 187.3 | 186.5 | 194.3 | 195.8 | 197.9 | 201.4 |
| 72.5° | 138.3 | 138.3 | 136.9 | 144.0 | 178.0 | 179.5 | 178.0 | 184.4 | 185.1 | 187.3 | 188.7 |
| 75° | 127.0 | 127.0 | 125.5 | 135.5 | 174.5 | 170.9 | 166.7 | 171.6 | 173.1 | 174.5 | 174.5 |
| 77.5° | 112.1 | 113.5 | 113.5 | 125.5 | 162.4 | 167.4 | 153.2 | 156.0 | 158.2 | 158.9 | 156.8 |
| 80° | 93.6 | 97.2 | 98.6 | 114.2 | 136.2 | 154.6 | 136.9 | 139.0 | 139.7 | 139.7 | 136.9 |
| 82.5° | 71.6 | 78.0 | 81.6 | 98.6 | 104.3 | 129.8 | 119.2 | 121.3 | 119.2 | 114.9 | 113.5 |
| 85° | 49.7 | 58.2 | 62.4 | 75.2 | 78.7 | 100.0 | 99.3 | 99.3 | 95.0 | 89.4 | 88.7 |
| 87.5° | 27.0 | 31.9 | 34.8 | 44.7 | 53.9 | 67.4 | 73.1 | 70.9 | 67.4 | 63.8 | 64.5 |
| 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):

| | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° | 285° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0° | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 |
| 2.5° | 3911.1 | 4007.5 | 4161.4 | 4279.2 | 4397.6 | 4511.8 | 4635.2 | 4729.6 | 4809.7 | 4840.9 | 4936.0 |
| 5° | 3145.0 | 3265.6 | 3411.0 | 3673.4 | 3859.3 | 4064.3 | 4301.2 | 4614.7 | 4735.3 | 4901.9 | 5175.0 |
| 7.5° | 2223.6 | 2332.9 | 2566.9 | 2779.0 | 3042.2 | 3332.3 | 3652.2 | 4084.8 | 4243.0 | 4510.4 | 4955.1 |
| 10° | 1660.5 | 1787.4 | 1975.4 | 2154.1 | 2386.1 | 2682.6 | 3050.0 | 3533.7 | 3725.9 | 4016.0 | 4528.1 |
| 12.5° | 1337.7 | 1487.4 | 1686.7 | 1854.8 | 2034.3 | 2243.5 | 2600.3 | 3130.8 | 3388.3 | 3642.2 | 4160.0 |
| 15° | 1027.8 | 1184.5 | 1369.6 | 1583.1 | 1781.0 | 2006.6 | 2380.4 | 2960.6 | 3257.1 | 3521.7 | 3963.5 |
| 17.5° | 711.4 | 845.5 | 1078.8 | 1301.6 | 1554.8 | 1843.5 | 2319.4 | 2996.8 | 3350.7 | 3655.7 | 3997.6 |
| 20° | 504.3 | 580.9 | 772.4 | 1030.6 | 1346.2 | 1708.7 | 2308.0 | 3186.9 | 3647.2 | 3995.5 | 4216.1 |
| 22.5° | 424.2 | 452.5 | 563.9 | 800.8 | 1165.4 | 1608.0 | 2347.8 | 3453.6 | 4047.2 | 4492.0 | 4564.3 |
| 25° | 386.6 | 403.6 | 461.8 | 628.4 | 1004.4 | 1534.9 | 2481.8 | 3850.8 | 4542.3 | 4988.5 | 4975.7 |
| 27.5° | 366.0 | 383.7 | 422.0 | 530.6 | 883.1 | 1489.5 | 2615.9 | 4321.7 | 5108.3 | 5527.5 | 5368.7 |
| 30° | 359.6 | 383.7 | 424.2 | 500.1 | 796.5 | 1417.9 | 2725.8 | 4735.3 | 5543.9 | 5891.4 | 5547.4 |
| 32.5° | 354.6 | 358.2 | 376.6 | 431.3 | 714.3 | 1334.2 | 2800.3 | 5106.2 | 5970.1 | 6237.5 | 5804.9 |
| 35° | 286.6 | 304.3 | 334.1 | 386.6 | 666.0 | 1283.8 | 2800.3 | 5426.1 | 6390.0 | 6587.2 | 6050.3 |
| 37.5° | 275.9 | 291.5 | 317.8 | 362.4 | 639.1 | 1259.0 | 2744.3 | 5734.7 | 6819.2 | 6983.7 | 6252.4 |
| 40° | 270.2 | 283.0 | 307.8 | 344.0 | 627.7 | 1230.6 | 2662.7 | 6007.0 | 7238.4 | 7380.9 | 6441.1 |
| 42.5° | 266.0 | 277.3 | 300.7 | 332.7 | 612.8 | 1199.4 | 2596.7 | 6225.5 | 7602.2 | 7720.0 | 6621.3 |
| 45° | 263.9 | 275.9 | 301.5 | 338.3 | 583.0 | 1158.3 | 2574.7 | 6461.7 | 7901.5 | 8003.0 | 6816.3 |
| 47.5° | 263.9 | 278.0 | 305.0 | 350.4 | 547.6 | 1115.7 | 2643.5 | 6773.1 | 8184.6 | 8234.2 | 7046.1 |
| 50° | 261.7 | 277.3 | 314.9 | 338.3 | 495.8 | 1061.8 | 2805.3 | 7165.3 | 8491.0 | 8496.6 | 7336.9 |
| 52.5° | 257.5 | 275.9 | 339.0 | 331.2 | 436.2 | 990.9 | 3023.7 | 7668.9 | 8944.2 | 8978.3 | 7792.3 |
| 55° | 252.5 | 273.8 | 332.7 | 314.9 | 387.3 | 906.5 | 3202.5 | 8281.0 | 9581.2 | 9675.5 | 8461.9 |
| 57.5° | 246.1 | 271.0 | 322.0 | 292.2 | 355.4 | 798.0 | 3267.0 | 8729.3 | 10025.9 | 10262.8 | 9216.6 |
| 60° | 240.5 | 268.8 | 290.8 | 278.8 | 335.5 | 706.5 | 3142.2 | 8640.6 | 9995.4 | 10506.1 | 9885.4 |
| 62.5° | 234.8 | 271.0 | 265.3 | 270.2 | 326.3 | 647.6 | 2815.9 | 7930.6 | 9489.7 | 10255.0 | 10381.2 |
| 65° | 228.4 | 251.8 | 250.4 | 263.1 | 324.1 | 624.2 | 2334.3 | 6866.0 | 8512.3 | 9461.3 | 10498.3 |
| 67.5° | 219.9 | 232.6 | 239.7 | 253.9 | 331.2 | 603.6 | 1883.9 | 5663.7 | 7154.0 | 8271.8 | 9888.3 |
| 70° | 210.7 | 221.3 | 229.1 | 242.6 | 327.0 | 594.4 | 1566.8 | 4466.4 | 5676.5 | 6779.4 | 8684.6 |
| 72.5° | 198.6 | 207.8 | 214.9 | 227.7 | 322.7 | 589.4 | 1323.5 | 3596.8 | 4238.0 | 5036.0 | 7061.0 |
| 75° | 184.4 | 192.9 | 197.9 | 210.7 | 309.3 | 539.8 | 1040.5 | 3043.6 | 3171.3 | 3503.2 | 5624.0 |
| 77.5° | 168.1 | 174.5 | 178.7 | 192.9 | 273.8 | 449.0 | 752.6 | 2347.8 | 2462.7 | 2543.5 | 4311.8 |
| 80° | 149.0 | 155.3 | 157.5 | 170.9 | 227.0 | 351.1 | 490.8 | 1734.2 | 1842.0 | 1860.5 | 2815.9 |
| 82.5° | 127.0 | 133.3 | 133.3 | 146.1 | 185.8 | 252.5 | 322.0 | 1188.1 | 1209.3 | 1271.8 | 1990.3 |
| 85° | 102.1 | 107.1 | 107.1 | 113.5 | 144.0 | 188.7 | 221.3 | 596.5 | 590.1 | 673.8 | 1724.3 |
| 87.5° | 73.1 | 76.6 | 80.2 | 81.6 | 102.8 | 124.8 | 133.3 | 181.6 | 119.9 | 137.6 | 1107.2 |
| 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: P192121

CATALOG NUMBER: GLEON-AF-03-LED-E1-SLR-7050-800

CANDELA DISTRIBUTION (continued):

| | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 | 4359.3 |
| 2.5° | 5007.6 | 5048.1 | 5006.9 | 4977.1 | 4848.7 | 4743.1 | 4601.9 | 4529.6 |
| 5° | 5382.8 | 5485.7 | 5450.9 | 5326.1 | 5058.0 | 4756.5 | 4413.9 | 4259.3 |
| 7.5° | 5337.4 | 5576.5 | 5582.2 | 5348.8 | 4953.7 | 4509.7 | 4045.8 | 3825.9 |
| 10° | 4984.2 | 5289.9 | 5377.2 | 5150.9 | 4731.7 | 4235.2 | 3703.2 | 3452.1 |
| 12.5° | 4589.8 | 4889.2 | 4955.8 | 4877.8 | 4527.4 | 4028.8 | 3489.0 | 3242.9 |
| 15° | 4267.1 | 4401.2 | 4480.6 | 4548.7 | 4352.2 | 3946.5 | 3477.0 | 3206.7 |
| 17.5° | 4070.6 | 4055.8 | 4078.4 | 4196.9 | 4230.2 | 4040.9 | 3661.4 | 3363.5 |
| 20° | 3999.7 | 3772.0 | 3766.4 | 3929.5 | 4172.8 | 4265.7 | 4021.7 | 3664.2 |
| 22.5° | 4038.7 | 3669.9 | 3623.1 | 3816.7 | 4203.3 | 4589.8 | 4494.1 | 4086.2 |
| 25° | 4173.5 | 3678.4 | 3640.8 | 3828.1 | 4313.9 | 4935.3 | 5004.1 | 4632.4 |
| 27.5° | 4385.6 | 3732.3 | 3682.7 | 3874.9 | 4460.8 | 5225.4 | 5506.3 | 5161.5 |
| 30° | 4587.0 | 3825.9 | 3764.2 | 3967.1 | 4594.8 | 5340.3 | 5814.1 | 5574.4 |
| 32.5° | 4831.7 | 4001.1 | 3892.6 | 4136.6 | 4760.8 | 5523.3 | 6088.6 | 5916.2 |
| 35° | 5071.5 | 4250.8 | 4116.0 | 4398.3 | 4945.9 | 5751.0 | 6402.1 | 6353.2 |
| 37.5° | 5334.6 | 4577.1 | 4465.7 | 4736.7 | 5199.1 | 5965.9 | 6802.1 | 6865.3 |
| 40° | 5615.5 | 5009.8 | 4877.8 | 5230.3 | 5592.1 | 6235.4 | 7219.9 | 7371.7 |
| 42.5° | 5898.5 | 5489.9 | 5332.5 | 5690.0 | 6024.0 | 6501.4 | 7577.4 | 7802.2 |
| 45° | 6222.6 | 6011.3 | 5936.8 | 6323.4 | 6439.0 | 6754.6 | 7841.3 | 8120.7 |
| 47.5° | 6600.0 | 6602.8 | 6722.7 | 6877.3 | 6857.5 | 7041.2 | 8106.5 | 8405.1 |
| 50° | 7040.5 | 7341.2 | 7605.8 | 7708.6 | 7288.7 | 7349.0 | 8474.7 | 8786.0 |
| 52.5° | 7569.6 | 8224.3 | 8552.0 | 8484.6 | 7753.3 | 7724.9 | 9057.7 | 9310.9 |
| 55° | 8231.4 | 9159.1 | 9484.7 | 9436.5 | 8287.4 | 8237.0 | 9784.0 | 9931.6 |
| 57.5° | 8997.4 | 10064.9 | 10364.2 | 10147.2 | 8928.6 | 8798.8 | 10384.8 | 10416.0 |
| 60° | 9670.5 | 10782.7 | 11045.1 | 10804.7 | 9575.5 | 9396.7 | 10760.0 | 10608.9 |
| 62.5° | 10045.0 | 11026.0 | 11210.4 | 10951.5 | 10018.8 | 10033.7 | 10842.3 | 10504.7 |
| 65° | 9877.6 | 10411.0 | 10470.6 | 10449.3 | 9904.6 | 10403.2 | 10546.5 | 10023.1 |
| 67.5° | 8961.2 | 8856.3 | 8956.3 | 9094.6 | 8925.8 | 9916.7 | 9727.3 | 8974.0 |
| 70° | 7346.9 | 6770.2 | 6969.5 | 7062.5 | 7139.1 | 8533.5 | 8442.7 | 7309.3 |
| 72.5° | 5536.8 | 4743.1 | 4900.5 | 4881.4 | 5236.0 | 6844.7 | 6565.9 | 5374.3 |
| 75° | 3923.1 | 3215.9 | 3235.8 | 3228.0 | 3653.6 | 5355.2 | 4754.4 | 3677.0 |
| 77.5° | 2745.0 | 2330.0 | 2340.7 | 2384.7 | 2456.3 | 4038.7 | 3396.8 | 2686.1 |
| 80° | 1887.4 | 1768.3 | 1827.1 | 1830.7 | 1702.3 | 2713.1 | 2509.5 | 2155.5 |
| 82.5° | 1405.8 | 1229.2 | 1215.0 | 1235.6 | 1334.2 | 2198.1 | 1928.6 | 1495.2 |
| 85° | 1151.2 | 727.7 | 585.2 | 733.4 | 1182.4 | 2176.8 | 1281.0 | 788.7 |
| 87.5° | 648.3 | 345.4 | 156.0 | 289.4 | 471.7 | 1441.3 | 370.3 | 100.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)