

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: P192146

Luminaire Tested: **GLEON-AF-08-LED-E1-SLR-7050-1200**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P192146
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-08-LED-E1-SLR-7050-1200
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 5000K, 1200mA 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: 45990 lumens
Efficiency: N/A
Efficacy: 90.0 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B3 - U0 - G5

Input Watts (W): 511
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

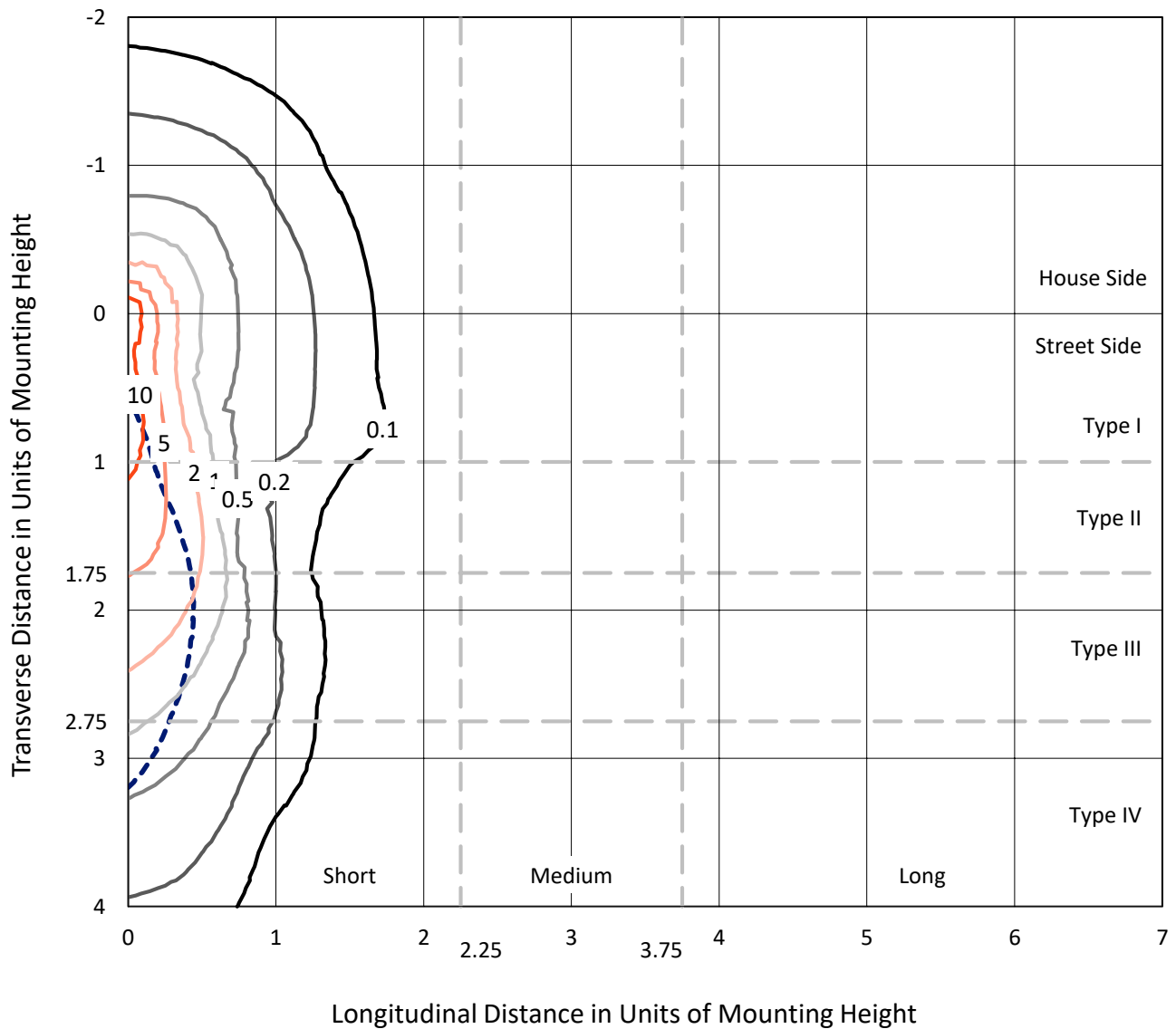


REPORT NUMBER: P192146

CATALOG NUMBER: GLEON-AF-08-LED-E1-SLR-7050-1200

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

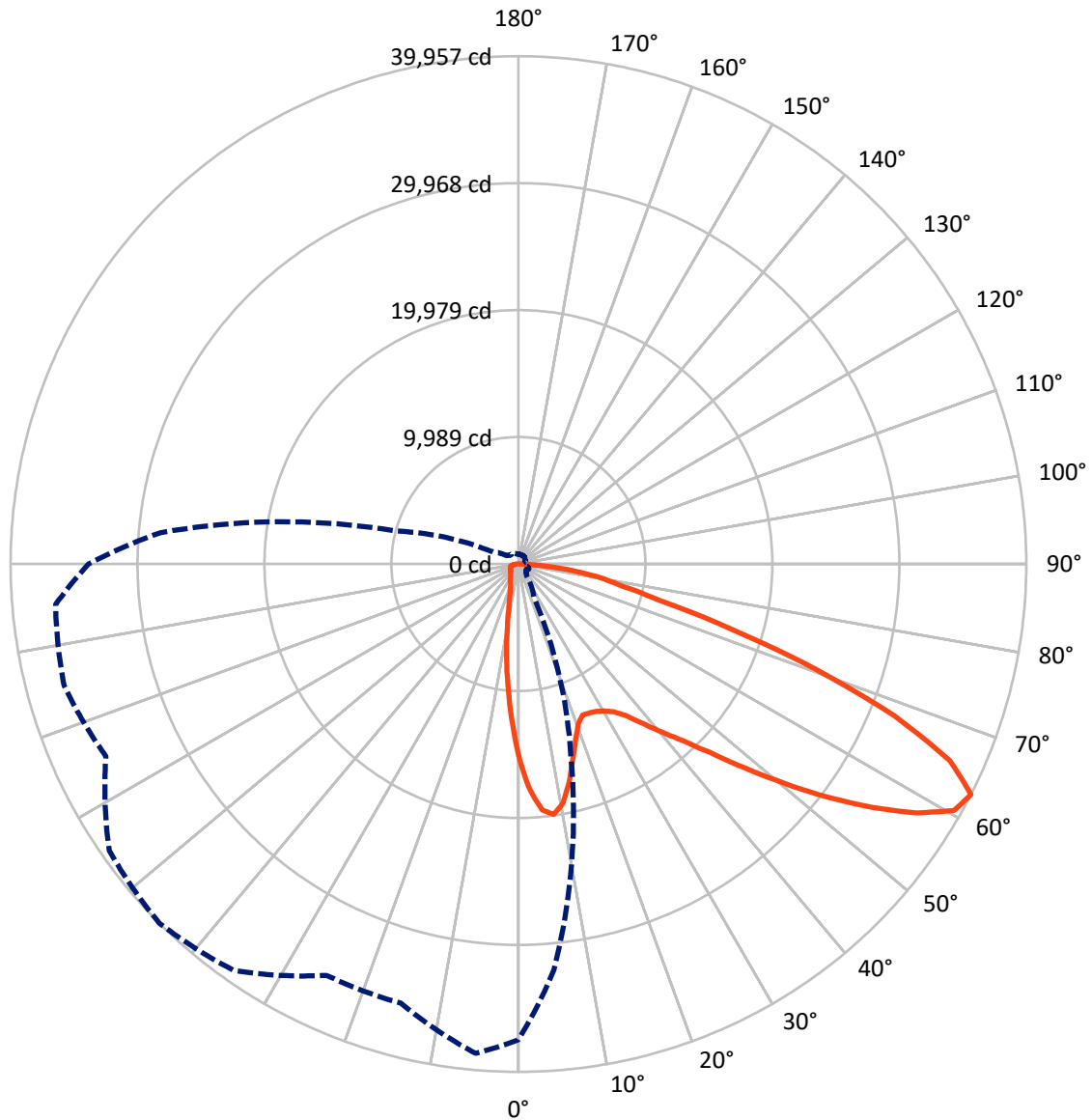


Based on 30 foot mounting height. Maximum calculated value = 17.3 fc
 Type IV - Short - Non-Cutoff

REPORT NUMBER: P192146

CATALOG NUMBER: GLEON-AF-08-LED-E1-SLR-7050-1200

Luminous Intensity Polar Plot



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

REPORT NUMBER: P192146

CATALOG NUMBER: GLEON-AF-08-LED-E1-SLR-7050-1200

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 7610.7 | 0.0 | 7610.7 |
| | % Fixture | 16.5 | 0.0 | 16.5 |
| Street Side | Lumens | 38379.3 | 0.0 | 38379.3 |
| | % Fixture | 83.5 | 0.0 | 83.5 |
| Total | Lumens | 45990.0 | 0.0 | 45990.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 1131.1 | 2.5 |
| 10°-20° | 2074.1 | 4.5 |
| 20°-30° | 3024.0 | 6.6 |
| 30°-40° | 4657.5 | 10.1 |
| 40°-50° | 6854.6 | 14.9 |
| 50°-60° | 10054.2 | 21.9 |
| 60°-70° | 11239.2 | 24.4 |
| 70°-80° | 5502.5 | 12.0 |
| 80°-90° | 1452.8 | 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° | 45990.0 | 100.0 |
| 0°-180° | 45990.0 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P192146

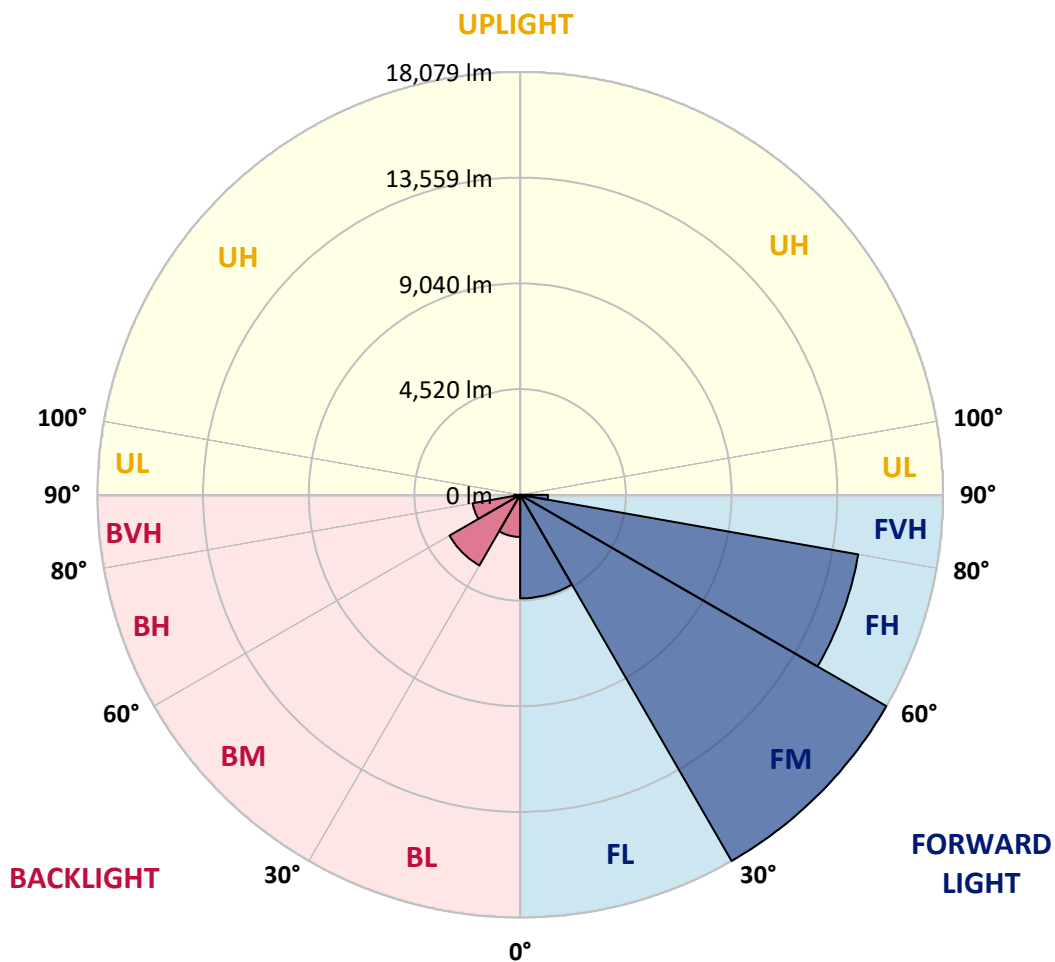
CATALOG NUMBER: GLEON-AF-08-LED-E1-SLR-7050-1200

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|------|-------------|---------|-----------|-------------------------|------|---------|
| | | | | B | U | G |
| FL | (0°-30°) | 4428.7 | 9.6 | | | |
| FM | (30°-60°) | 18079.1 | 39.3 | | | |
| FH | (60°-80°) | 14678.4 | 31.9 | | | G5 |
| FVH | (80°-90°) | 1193.1 | 2.6 | | | G5 |
| BL | (0°-30°) | 1800.6 | 3.9 | B3/2500 | | |
| BM | (30°-60°) | 3487.2 | 7.6 | B3/5000 | | |
| BH | (60°-80°) | 2063.3 | 4.5 | B3/2500 | | G3/2500 |
| BVH | (80°-90°) | 259.7 | 0.6 | | | G3/500 |
| UL | (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH | (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B3-U0-G5

Type IV Short





REPORT NUMBER: P192146

CATALOG NUMBER: GLEON-AF-08-LED-E1-SLR-7050-1200

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 |
| 2.5° | 16144.7 | 15816.0 | 15269.9 | 14701.1 | 14354.7 | 13950.2 | 13634.2 | 13356.1 | 12799.9 | 12691.2 | 12789.8 |
| 5° | 15181.4 | 14521.6 | 13492.6 | 12456.1 | 11765.9 | 11025.2 | 10448.8 | 9986.1 | 9280.8 | 9156.9 | 9306.1 |
| 7.5° | 13636.7 | 12848.0 | 11487.8 | 10165.6 | 9189.8 | 8264.5 | 7642.5 | 7147.0 | 6595.9 | 6358.3 | 6373.4 |
| 10° | 12304.4 | 11414.5 | 9806.6 | 8368.1 | 7569.2 | 6944.8 | 6421.5 | 5913.3 | 5354.6 | 4988.0 | 4886.9 |
| 12.5° | 11558.6 | 10534.7 | 8681.6 | 7397.3 | 6656.6 | 5999.3 | 5435.5 | 4891.9 | 4295.3 | 3921.1 | 3815.0 |
| 15° | 11429.7 | 10317.3 | 8259.4 | 6775.4 | 5847.6 | 5015.8 | 4350.9 | 3744.2 | 3129.8 | 2826.5 | 2763.2 |
| 17.5° | 11988.4 | 10706.6 | 8122.9 | 6221.7 | 5086.6 | 4060.2 | 3243.6 | 2566.1 | 2065.5 | 1913.8 | 1901.2 |
| 20° | 13060.3 | 11455.0 | 8105.2 | 5700.9 | 4335.7 | 3132.4 | 2260.2 | 1767.2 | 1547.2 | 1504.2 | 1506.8 |
| 22.5° | 14564.6 | 12615.4 | 8322.6 | 5309.1 | 3645.6 | 2336.0 | 1698.9 | 1479.0 | 1393.0 | 1352.6 | 1352.6 |
| 25° | 16511.2 | 14213.2 | 8823.2 | 5023.4 | 3046.4 | 1865.8 | 1499.2 | 1367.7 | 1286.8 | 1259.0 | 1264.1 |
| 27.5° | 18397.2 | 15768.0 | 9404.7 | 4798.4 | 2654.5 | 1693.8 | 1420.8 | 1302.0 | 1231.2 | 1203.4 | 1216.0 |
| 30° | 19868.6 | 17148.3 | 9890.1 | 4492.5 | 2454.8 | 1645.8 | 1448.6 | 1327.3 | 1226.1 | 1183.2 | 1185.7 |
| 32.5° | 21087.1 | 18356.8 | 10297.1 | 4272.5 | 2277.8 | 1410.7 | 1248.9 | 1195.8 | 1183.2 | 1132.6 | 1107.3 |
| 35° | 22644.5 | 19673.9 | 10570.1 | 4277.6 | 2194.4 | 1259.0 | 1112.4 | 1018.8 | 950.6 | 892.4 | 892.4 |
| 37.5° | 24469.8 | 21185.7 | 10860.9 | 4335.7 | 2164.1 | 1170.5 | 1064.3 | 970.8 | 907.6 | 852.0 | 841.9 |
| 40° | 26274.9 | 22667.2 | 11126.3 | 4391.4 | 2146.4 | 1117.4 | 1026.4 | 940.5 | 882.3 | 826.7 | 811.5 |
| 42.5° | 27809.5 | 23885.8 | 11364.0 | 4419.2 | 2085.7 | 1112.4 | 998.6 | 920.2 | 864.6 | 803.9 | 788.8 |
| 45° | 28944.6 | 24907.2 | 11619.3 | 4462.2 | 2025.0 | 1132.6 | 998.6 | 917.7 | 849.5 | 791.3 | 776.1 |
| 47.5° | 29958.4 | 26105.5 | 12046.5 | 4462.2 | 1951.7 | 1094.7 | 1031.5 | 920.2 | 846.9 | 786.2 | 773.6 |
| 50° | 31316.0 | 27748.8 | 12855.6 | 4358.5 | 1848.1 | 1054.2 | 1087.1 | 910.1 | 824.2 | 776.1 | 761.0 |
| 52.5° | 33186.8 | 29854.7 | 14139.8 | 4179.0 | 1688.8 | 975.9 | 1079.5 | 905.1 | 801.4 | 750.9 | 733.2 |
| 55° | 35398.9 | 32109.8 | 15540.4 | 3969.2 | 1451.1 | 920.2 | 1041.6 | 892.4 | 776.1 | 720.5 | 702.8 |
| 57.5° | 37125.6 | 33662.1 | 16526.4 | 3645.6 | 1243.8 | 889.9 | 922.8 | 879.8 | 745.8 | 687.7 | 672.5 |
| 60° | 37813.3 | 33601.4 | 16796.9 | 3213.3 | 1142.7 | 864.6 | 806.5 | 986.0 | 720.5 | 662.4 | 644.7 |
| 62.5° | 37441.6 | 32049.1 | 16038.5 | 2909.9 | 1120.0 | 831.8 | 755.9 | 912.7 | 700.3 | 644.7 | 619.4 |
| 65° | 35725.0 | 29298.5 | 14028.6 | 2829.0 | 1185.7 | 798.9 | 723.0 | 715.5 | 672.5 | 619.4 | 594.1 |
| 67.5° | 31985.9 | 25187.8 | 11232.5 | 2836.6 | 1269.1 | 766.0 | 690.2 | 654.8 | 634.6 | 591.6 | 568.8 |
| 70° | 26052.4 | 19914.1 | 8373.2 | 2856.8 | 1312.1 | 728.1 | 654.8 | 616.9 | 594.1 | 551.1 | 536.0 |
| 72.5° | 19155.7 | 15348.3 | 6082.7 | 2725.3 | 1319.7 | 685.1 | 606.8 | 573.9 | 551.1 | 505.6 | 493.0 |
| 75° | 13105.8 | 11740.6 | 4219.5 | 2257.6 | 1150.3 | 624.4 | 553.7 | 523.3 | 508.2 | 452.5 | 445.0 |
| 77.5° | 9574.0 | 8813.1 | 2700.0 | 1676.2 | 887.4 | 548.6 | 487.9 | 465.2 | 455.1 | 394.4 | 384.3 |
| 80° | 7683.0 | 6972.6 | 1688.8 | 1147.8 | 649.7 | 460.1 | 409.6 | 396.9 | 386.8 | 326.1 | 318.5 |
| 82.5° | 5329.3 | 4669.5 | 1084.6 | 745.8 | 487.9 | 356.5 | 323.6 | 318.5 | 303.4 | 247.8 | 240.2 |
| 85° | 2811.3 | 2535.7 | 687.7 | 508.2 | 353.9 | 245.2 | 225.0 | 225.0 | 217.4 | 164.3 | 159.3 |
| 87.5° | 359.0 | 584.0 | 348.9 | 265.5 | 194.7 | 108.7 | 108.7 | 106.2 | 113.8 | 93.5 | 80.9 |
| 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: P192146

CATALOG NUMBER: GLEON-AF-08-LED-E1-SLR-7050-1200

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° | 185° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 |
| 2.5° | 12557.2 | 12678.6 | 12562.3 | 12569.9 | 12698.8 | 13083.1 | 13257.5 | 13401.6 | 13555.8 | 13657.0 | 13702.5 |
| 5° | 9101.3 | 9384.4 | 9480.5 | 9682.7 | 9981.1 | 10471.5 | 10666.2 | 10807.8 | 10901.3 | 10956.9 | 10979.7 |
| 7.5° | 6224.3 | 6396.2 | 6588.3 | 6914.4 | 7564.2 | 7852.4 | 7981.3 | 7948.4 | 7842.3 | 7804.3 | 7766.4 |
| 10° | 4692.2 | 4624.0 | 4588.6 | 4768.1 | 5293.9 | 5584.6 | 5675.7 | 5587.2 | 5529.0 | 5541.7 | 5604.9 |
| 12.5° | 3635.5 | 3516.6 | 3372.5 | 3352.3 | 3698.7 | 3959.1 | 4017.2 | 4022.3 | 4128.4 | 4222.0 | 4361.0 |
| 15° | 2649.5 | 2636.8 | 2566.1 | 2523.1 | 2720.3 | 2932.6 | 2957.9 | 3003.4 | 3099.5 | 3167.7 | 3289.1 |
| 17.5° | 1868.3 | 1936.5 | 1992.2 | 2020.0 | 2169.1 | 2320.8 | 2293.0 | 2270.3 | 2252.6 | 2252.6 | 2310.7 |
| 20° | 1506.8 | 1552.3 | 1623.1 | 1704.0 | 1855.6 | 1961.8 | 1893.6 | 1802.6 | 1736.8 | 1716.6 | 1724.2 |
| 22.5° | 1357.6 | 1393.0 | 1433.5 | 1504.2 | 1640.8 | 1714.1 | 1640.8 | 1575.0 | 1509.3 | 1486.5 | 1479.0 |
| 25° | 1281.8 | 1327.3 | 1365.2 | 1418.3 | 1519.4 | 1570.0 | 1499.2 | 1451.1 | 1410.7 | 1382.9 | 1362.7 |
| 27.5° | 1238.8 | 1279.2 | 1289.3 | 1314.6 | 1400.6 | 1446.1 | 1410.7 | 1390.5 | 1365.2 | 1339.9 | 1314.6 |
| 30° | 1193.3 | 1185.7 | 1168.0 | 1170.5 | 1238.8 | 1284.3 | 1281.8 | 1286.8 | 1284.3 | 1276.7 | 1271.7 |
| 32.5° | 1089.6 | 1074.5 | 1059.3 | 1074.5 | 1137.7 | 1178.1 | 1180.6 | 1190.8 | 1190.8 | 1188.2 | 1208.4 |
| 35° | 907.6 | 935.4 | 953.1 | 998.6 | 1074.5 | 1109.8 | 1094.7 | 1069.4 | 1023.9 | 996.1 | 993.6 |
| 37.5° | 839.3 | 844.4 | 874.7 | 937.9 | 1021.4 | 1054.2 | 1031.5 | 973.3 | 943.0 | 937.9 | 945.5 |
| 40° | 806.5 | 811.5 | 829.2 | 887.4 | 970.8 | 1003.7 | 983.4 | 940.5 | 912.7 | 910.1 | 922.8 |
| 42.5° | 783.7 | 788.8 | 798.9 | 839.3 | 907.6 | 948.0 | 950.6 | 920.2 | 887.4 | 889.9 | 902.5 |
| 45° | 771.1 | 773.6 | 771.1 | 791.3 | 854.5 | 902.5 | 922.8 | 902.5 | 874.7 | 879.8 | 895.0 |
| 47.5° | 768.6 | 761.0 | 750.9 | 755.9 | 821.6 | 869.7 | 895.0 | 887.4 | 874.7 | 879.8 | 892.4 |
| 50° | 758.4 | 740.7 | 728.1 | 725.6 | 791.3 | 841.9 | 864.6 | 864.6 | 869.7 | 879.8 | 892.4 |
| 52.5° | 728.1 | 707.9 | 707.9 | 700.3 | 771.1 | 819.1 | 834.3 | 836.8 | 844.4 | 862.1 | 879.8 |
| 55° | 690.2 | 682.6 | 690.2 | 677.5 | 755.9 | 801.4 | 809.0 | 814.1 | 819.1 | 834.3 | 859.6 |
| 57.5° | 657.3 | 647.2 | 664.9 | 659.8 | 743.3 | 783.7 | 783.7 | 793.8 | 793.8 | 814.1 | 834.3 |
| 60° | 639.6 | 619.4 | 627.0 | 632.0 | 725.6 | 768.6 | 763.5 | 773.6 | 778.7 | 796.4 | 811.5 |
| 62.5° | 616.9 | 599.2 | 599.2 | 611.8 | 705.3 | 745.8 | 743.3 | 750.9 | 771.1 | 776.1 | 791.3 |
| 65° | 589.1 | 581.5 | 573.9 | 589.1 | 685.1 | 720.5 | 723.0 | 733.2 | 750.9 | 755.9 | 768.6 |
| 67.5° | 561.2 | 563.8 | 548.6 | 563.8 | 667.4 | 695.2 | 695.2 | 715.5 | 723.0 | 733.2 | 745.8 |
| 70° | 530.9 | 533.4 | 520.8 | 538.5 | 654.8 | 667.4 | 664.9 | 692.7 | 697.8 | 705.3 | 718.0 |
| 72.5° | 493.0 | 493.0 | 487.9 | 513.2 | 634.6 | 639.6 | 634.6 | 657.3 | 659.8 | 667.4 | 672.5 |
| 75° | 452.5 | 452.5 | 447.5 | 482.9 | 621.9 | 609.3 | 594.1 | 611.8 | 616.9 | 621.9 | 621.9 |
| 77.5° | 399.4 | 404.5 | 404.5 | 447.5 | 578.9 | 596.6 | 546.1 | 556.2 | 563.8 | 566.3 | 558.7 |
| 80° | 333.7 | 346.4 | 351.4 | 407.0 | 485.4 | 551.1 | 487.9 | 495.5 | 498.0 | 498.0 | 487.9 |
| 82.5° | 255.3 | 278.1 | 290.7 | 351.4 | 371.6 | 462.6 | 424.7 | 432.3 | 424.7 | 409.6 | 404.5 |
| 85° | 177.0 | 207.3 | 222.5 | 268.0 | 280.6 | 356.5 | 353.9 | 353.9 | 338.8 | 318.5 | 316.0 |
| 87.5° | 96.1 | 113.8 | 123.9 | 159.3 | 192.1 | 240.2 | 260.4 | 252.8 | 240.2 | 227.5 | 230.1 |
| 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: P192146

CATALOG NUMBER: GLEON-AF-08-LED-E1-SLR-7050-1200

CANDELA DISTRIBUTION (continued):

| | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° | 285° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 |
| 2.5° | 13940.1 | 14283.9 | 14832.6 | 15252.2 | 15674.4 | 16081.4 | 16521.3 | 16857.6 | 17143.3 | 17254.5 | 17593.3 |
| 5° | 11209.7 | 11639.5 | 12157.8 | 13093.2 | 13755.6 | 14486.2 | 15330.6 | 16448.0 | 16877.8 | 17471.9 | 18445.3 |
| 7.5° | 7925.7 | 8315.0 | 9149.3 | 9905.2 | 10843.2 | 11877.2 | 13017.4 | 14559.5 | 15123.3 | 16076.4 | 17661.5 |
| 10° | 5918.4 | 6370.9 | 7040.8 | 7677.9 | 8504.6 | 9561.4 | 10871.0 | 12595.2 | 13280.3 | 14314.3 | 16139.6 |
| 12.5° | 4768.1 | 5301.5 | 6011.9 | 6611.1 | 7250.7 | 7996.5 | 9268.1 | 11159.2 | 12076.9 | 12982.0 | 14827.5 |
| 15° | 3663.3 | 4222.0 | 4881.8 | 5642.8 | 6348.1 | 7152.1 | 8484.4 | 10552.4 | 11609.2 | 12552.2 | 14127.2 |
| 17.5° | 2535.7 | 3013.5 | 3845.3 | 4639.1 | 5541.7 | 6570.6 | 8267.0 | 10681.4 | 11942.9 | 13030.0 | 14248.6 |
| 20° | 1797.5 | 2070.5 | 2753.1 | 3673.4 | 4798.4 | 6090.3 | 8226.5 | 11358.9 | 12999.7 | 14241.0 | 15027.2 |
| 22.5° | 1511.8 | 1612.9 | 2009.9 | 2854.3 | 4153.7 | 5731.3 | 8368.1 | 12309.5 | 14425.5 | 16010.7 | 16268.5 |
| 25° | 1377.8 | 1438.5 | 1645.8 | 2239.9 | 3579.8 | 5470.9 | 8845.9 | 13725.2 | 16190.2 | 17780.4 | 17734.8 |
| 27.5° | 1304.5 | 1367.7 | 1504.2 | 1891.0 | 3147.5 | 5309.1 | 9323.8 | 15403.9 | 18207.6 | 19701.7 | 19135.4 |
| 30° | 1281.8 | 1367.7 | 1511.8 | 1782.3 | 2839.1 | 5053.7 | 9715.6 | 16877.8 | 19759.9 | 20998.7 | 19772.5 |
| 32.5° | 1264.1 | 1276.7 | 1342.4 | 1537.1 | 2545.8 | 4755.4 | 9981.1 | 18200.0 | 21279.3 | 22232.4 | 20690.2 |
| 35° | 1021.4 | 1084.6 | 1190.8 | 1377.8 | 2373.9 | 4575.9 | 9981.1 | 19340.2 | 22775.9 | 23478.8 | 21565.0 |
| 37.5° | 983.4 | 1039.1 | 1132.6 | 1291.9 | 2277.8 | 4487.4 | 9781.3 | 20439.9 | 24305.5 | 24892.0 | 22285.5 |
| 40° | 963.2 | 1008.7 | 1097.2 | 1226.1 | 2237.4 | 4386.3 | 9490.6 | 21410.8 | 25799.6 | 26307.7 | 22958.0 |
| 42.5° | 948.0 | 988.5 | 1071.9 | 1185.7 | 2184.3 | 4275.1 | 9255.5 | 22189.4 | 27096.5 | 27516.2 | 23600.1 |
| 45° | 940.5 | 983.4 | 1074.5 | 1205.9 | 2078.1 | 4128.4 | 9177.1 | 23031.3 | 28163.4 | 28524.9 | 24295.3 |
| 47.5° | 940.5 | 991.0 | 1087.1 | 1248.9 | 1951.7 | 3976.8 | 9422.3 | 24141.1 | 29172.1 | 29349.1 | 25114.5 |
| 50° | 932.9 | 988.5 | 1122.5 | 1205.9 | 1767.2 | 3784.6 | 9998.8 | 25539.2 | 30264.3 | 30284.5 | 26151.0 |
| 52.5° | 917.7 | 983.4 | 1208.4 | 1180.6 | 1554.8 | 3531.8 | 10777.4 | 27334.2 | 31879.7 | 32001.1 | 27774.1 |
| 55° | 900.0 | 975.9 | 1185.7 | 1122.5 | 1380.4 | 3231.0 | 11414.5 | 29515.9 | 34150.0 | 34486.2 | 30160.6 |
| 57.5° | 877.3 | 965.7 | 1147.8 | 1041.6 | 1266.6 | 2844.1 | 11644.6 | 31113.7 | 35735.1 | 36579.5 | 32850.5 |
| 60° | 857.0 | 958.2 | 1036.5 | 993.6 | 1195.8 | 2518.0 | 11199.6 | 30797.7 | 35626.4 | 37446.7 | 35234.6 |
| 62.5° | 836.8 | 965.7 | 945.5 | 963.2 | 1162.9 | 2308.2 | 10036.7 | 28267.0 | 33823.9 | 36551.7 | 37001.7 |
| 65° | 814.1 | 897.5 | 892.4 | 937.9 | 1155.4 | 2224.8 | 8320.1 | 24472.3 | 30340.1 | 33722.8 | 37418.9 |
| 67.5° | 783.7 | 829.2 | 854.5 | 905.1 | 1180.6 | 2151.4 | 6714.7 | 20187.1 | 25498.7 | 29483.1 | 35244.7 |
| 70° | 750.9 | 788.8 | 816.6 | 864.6 | 1165.5 | 2118.6 | 5584.6 | 15919.6 | 20232.6 | 24163.9 | 30954.4 |
| 72.5° | 707.9 | 740.7 | 766.0 | 811.5 | 1150.3 | 2100.9 | 4717.5 | 12820.2 | 15105.6 | 17949.7 | 25167.6 |
| 75° | 657.3 | 687.7 | 705.3 | 750.9 | 1102.3 | 1923.9 | 3708.8 | 10848.2 | 11303.3 | 12486.4 | 20045.6 |
| 77.5° | 599.2 | 621.9 | 637.1 | 687.7 | 975.9 | 1600.3 | 2682.3 | 8368.1 | 8777.7 | 9065.9 | 15368.5 |
| 80° | 530.9 | 553.7 | 561.2 | 609.3 | 809.0 | 1251.4 | 1749.5 | 6181.3 | 6565.6 | 6631.3 | 10036.7 |
| 82.5° | 452.5 | 475.3 | 475.3 | 520.8 | 662.4 | 900.0 | 1147.8 | 4234.6 | 4310.5 | 4532.9 | 7093.9 |
| 85° | 364.1 | 381.7 | 381.7 | 404.5 | 513.2 | 672.5 | 788.8 | 2126.2 | 2103.4 | 2401.7 | 6145.9 |
| 87.5° | 260.4 | 273.0 | 285.7 | 290.7 | 366.6 | 445.0 | 475.3 | 647.2 | 427.3 | 490.5 | 3946.4 |
| 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: P192146

CATALOG NUMBER: GLEON-AF-08-LED-E1-SLR-7050-1200

CANDELA DISTRIBUTION (continued):

| | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 | 15537.9 |
| 2.5° | 17848.6 | 17992.7 | 17846.1 | 17739.9 | 17282.3 | 16905.6 | 16402.5 | 16144.7 |
| 5° | 19186.0 | 19552.6 | 19428.7 | 18983.7 | 18028.1 | 16953.7 | 15732.6 | 15181.4 |
| 7.5° | 19024.2 | 19876.2 | 19896.4 | 19064.6 | 17656.5 | 16073.9 | 14420.5 | 13636.7 |
| 10° | 17765.2 | 18854.8 | 19165.8 | 18359.3 | 16865.2 | 15095.5 | 13199.4 | 12304.4 |
| 12.5° | 16359.5 | 17426.4 | 17664.1 | 17386.0 | 16137.1 | 14359.8 | 12435.9 | 11558.6 |
| 15° | 15209.2 | 15687.1 | 15970.2 | 16212.9 | 15512.6 | 14066.5 | 12392.9 | 11429.7 |
| 17.5° | 14508.9 | 14455.9 | 14536.8 | 14959.0 | 15077.8 | 14402.8 | 13050.2 | 11988.4 |
| 20° | 14256.1 | 13444.6 | 13424.4 | 14005.9 | 14873.0 | 15204.2 | 14334.5 | 13060.3 |
| 22.5° | 14395.2 | 13080.6 | 12913.7 | 13603.9 | 14981.7 | 16359.5 | 16018.2 | 14564.6 |
| 25° | 14875.5 | 13110.9 | 12976.9 | 13644.3 | 15376.1 | 17590.7 | 17836.0 | 16511.2 |
| 27.5° | 15631.4 | 13303.0 | 13126.1 | 13811.2 | 15899.4 | 18624.7 | 19625.9 | 18397.2 |
| 30° | 16349.4 | 13636.7 | 13416.8 | 14139.8 | 16377.2 | 19034.3 | 20723.1 | 19868.6 |
| 32.5° | 17221.6 | 14261.2 | 13874.4 | 14744.1 | 16968.8 | 19686.6 | 21701.5 | 21087.1 |
| 35° | 18076.1 | 15151.1 | 14670.8 | 15676.9 | 17628.7 | 20498.1 | 22818.9 | 22644.5 |
| 37.5° | 19014.1 | 16314.0 | 15917.1 | 16882.9 | 18531.2 | 21264.1 | 24244.8 | 24469.8 |
| 40° | 20015.2 | 17856.2 | 17386.0 | 18642.4 | 19931.8 | 22224.8 | 25733.9 | 26274.9 |
| 42.5° | 21023.9 | 19567.7 | 19006.5 | 20280.7 | 21471.4 | 23172.9 | 27008.0 | 27809.5 |
| 45° | 22179.3 | 21425.9 | 21160.5 | 22538.3 | 22950.4 | 24075.4 | 27948.5 | 28944.6 |
| 47.5° | 23524.3 | 23534.4 | 23961.6 | 24512.8 | 24442.0 | 25096.8 | 28894.0 | 29958.4 |
| 50° | 25094.2 | 26166.2 | 27109.2 | 27475.7 | 25979.1 | 26194.0 | 30206.1 | 31316.0 |
| 52.5° | 26980.2 | 29313.7 | 30481.7 | 30241.5 | 27635.0 | 27533.9 | 32284.2 | 33186.8 |
| 55° | 29339.0 | 32645.8 | 33806.2 | 33634.3 | 29538.7 | 29359.2 | 34873.1 | 35398.9 |
| 57.5° | 32069.4 | 35874.2 | 36941.1 | 36167.5 | 31824.1 | 31361.5 | 37014.4 | 37125.6 |
| 60° | 34468.6 | 38432.7 | 39368.1 | 38511.0 | 34129.8 | 33492.7 | 38351.8 | 37813.3 |
| 62.5° | 35803.4 | 39299.8 | 39957.1 | 39034.4 | 35709.9 | 35763.0 | 38645.0 | 37441.6 |
| 65° | 35206.8 | 37107.9 | 37320.3 | 37244.4 | 35302.8 | 37080.1 | 37590.8 | 35725.0 |
| 67.5° | 31940.4 | 31566.3 | 31922.7 | 32415.7 | 31814.0 | 35345.8 | 34670.8 | 31985.9 |
| 70° | 26186.4 | 24131.0 | 24841.4 | 25172.6 | 25445.6 | 30416.0 | 30092.4 | 26052.4 |
| 72.5° | 19734.6 | 16905.6 | 17466.9 | 17398.6 | 18662.7 | 24396.5 | 23402.9 | 19155.7 |
| 75° | 13983.1 | 11462.6 | 11533.3 | 11505.5 | 13022.4 | 19087.4 | 16946.1 | 13105.8 |
| 77.5° | 9783.9 | 8304.9 | 8342.8 | 8499.6 | 8754.9 | 14395.2 | 12107.2 | 9574.0 |
| 80° | 6727.4 | 6302.6 | 6512.5 | 6525.1 | 6067.5 | 9670.1 | 8944.5 | 7683.0 |
| 82.5° | 5010.8 | 4381.3 | 4330.7 | 4404.0 | 4755.4 | 7834.7 | 6874.0 | 5329.3 |
| 85° | 4103.2 | 2593.9 | 2085.7 | 2614.1 | 4214.4 | 7758.8 | 4565.8 | 2811.3 |
| 87.5° | 2310.7 | 1231.2 | 556.2 | 1031.5 | 1681.2 | 5137.2 | 1319.7 | 359.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)