

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: P299484

Luminaire Tested: **GLNA-AF-05-LED-E1-SLR-7060-600**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P299484
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: MCGRAW-EDISON
Catalog Number: GLNA-AF-05-LED-E1-SLR-7060-600
Description: GALLEONNAIRE AREA AND ROADWAY LUMINAIRE
(5) 70 CRI, 5700K 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: 17166.9 lumens
Efficiency: N/A
Efficacy: 106.0 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): 162
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

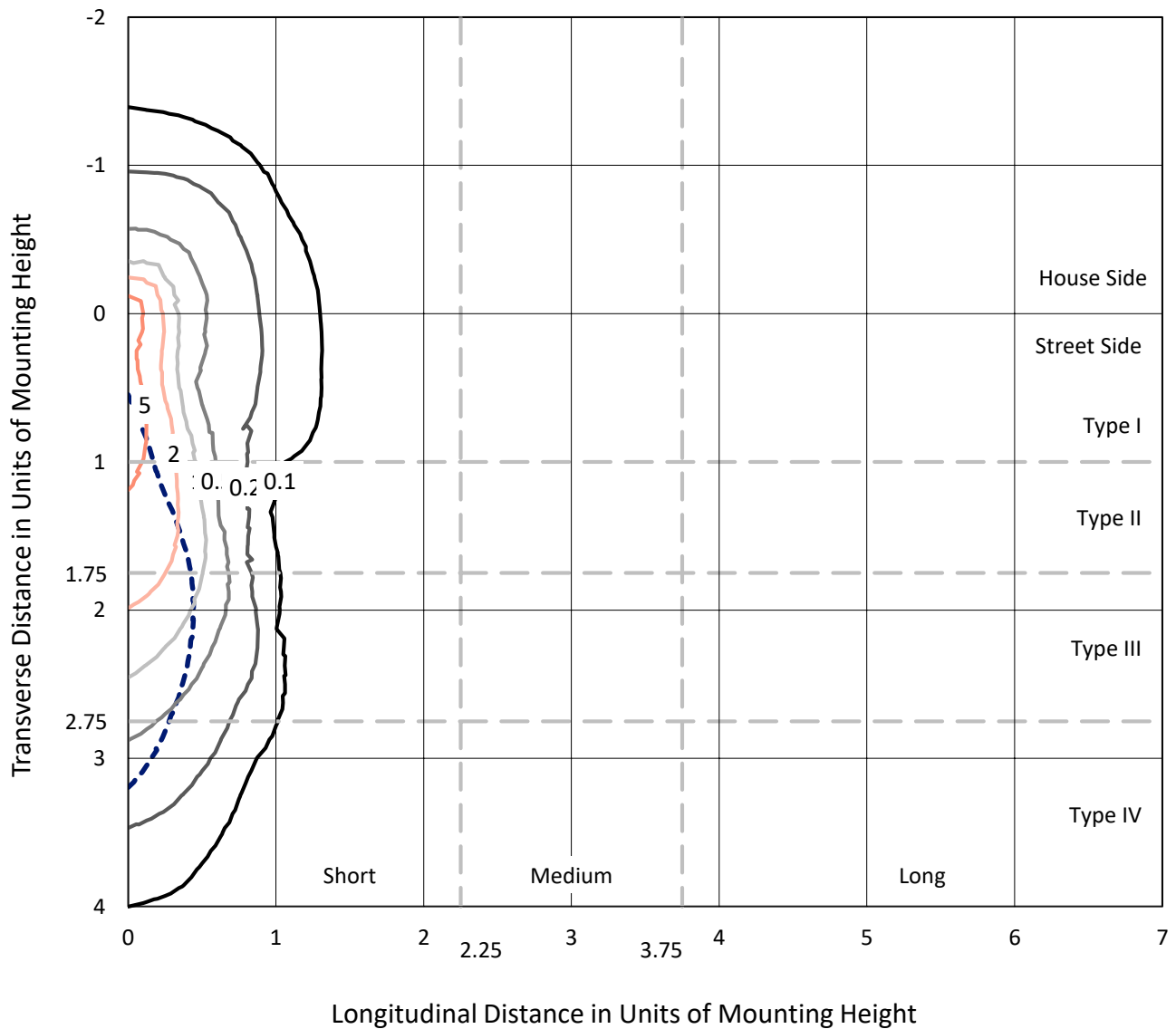


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Iso-Footcandle Lines of Horizontal Illumination

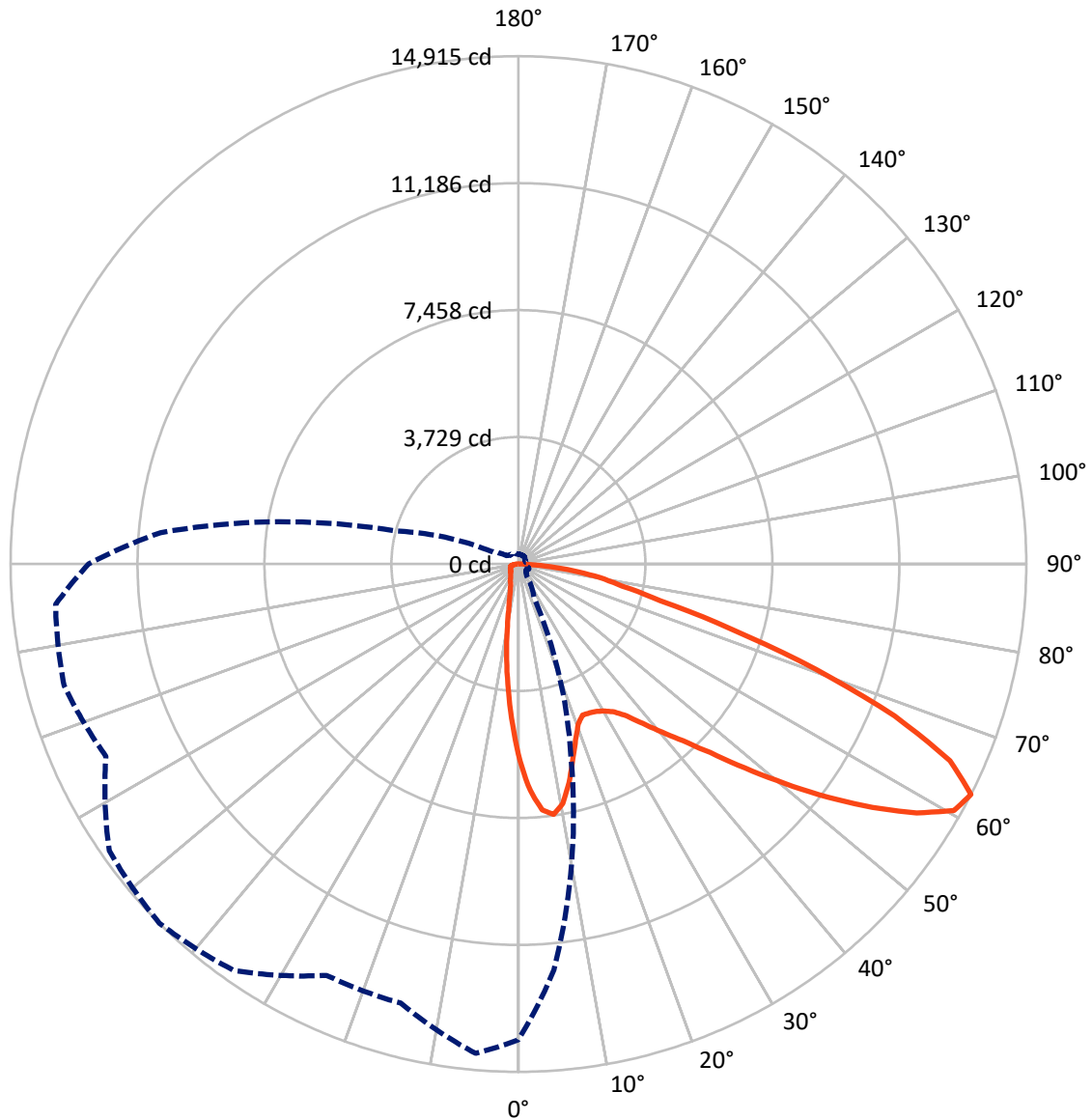
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.3 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 | 2840.9 | 0.0 | 2840.9 |
| | % Fixture | 16.5 | 0.0 | 16.5 |
| Street Side | Lumens | 14326.0 | 0.0 | 14326.0 |
| | % Fixture | 83.5 | 0.0 | 83.5 |
| Total | Lumens | 17166.9 | 0.0 | 17166.9 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 422.2 | 2.5 |
| 10°-20° | 774.2 | 4.5 |
| 20°-30° | 1128.8 | 6.6 |
| 30°-40° | 1738.5 | 10.1 |
| 40°-50° | 2558.6 | 14.9 |
| 50°-60° | 3753.0 | 21.9 |
| 60°-70° | 4195.3 | 24.4 |
| 70°-80° | 2054.0 | 12.0 |
| 80°-90° | 542.3 | 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° | 17166.9 | 100.0 |
| 0°-180° | 17166.9 | 100.0 |

Coefficient of Utilization



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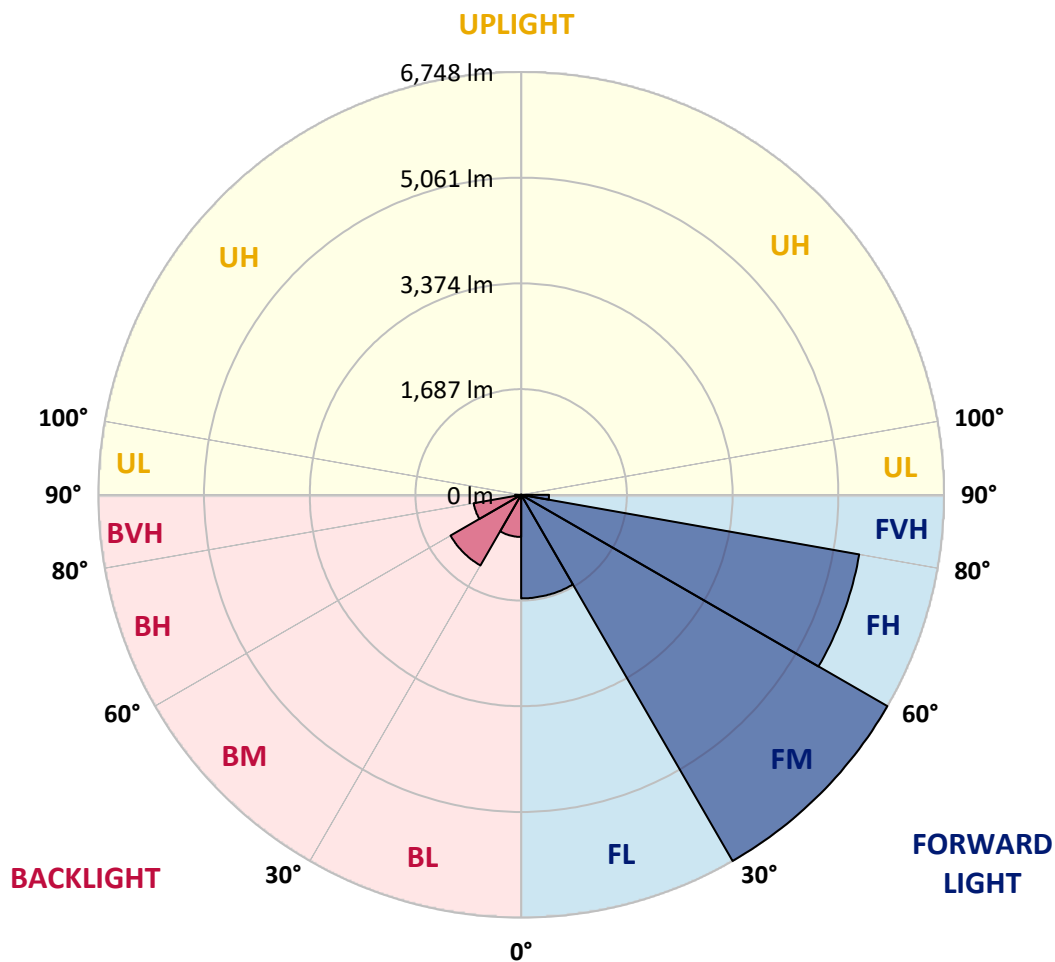
CATALOG NUMBER: GLNA-AF-05-LED-E1-SLR-7060-600

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 1653.1 | 9.6 | | | |
| FM (30°-60°) | 6748.5 | 39.3 | | | |
| FH (60°-80°) | 5479.1 | 31.9 | | | G3/7500 |
| FVH (80°-90°) | 445.4 | 2.6 | | | G3/500 |
| BL (0°-30°) | 672.1 | 3.9 | B2/1000 | | |
| BM (30°-60°) | 1301.7 | 7.6 | B2/2500 | | |
| BH (60°-80°) | 770.2 | 4.5 | B2/1000 | | G2/1000 |
| BVH (80°-90°) | 96.9 | 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° | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 |
| 2.5° | 6026.3 | 5903.7 | 5699.7 | 5487.5 | 5358.3 | 5207.2 | 5089.2 | 4985.5 | 4777.8 | 4737.3 | 4774.1 |
| 5° | 5666.9 | 5420.6 | 5036.4 | 4649.5 | 4391.9 | 4115.3 | 3900.2 | 3727.6 | 3464.2 | 3418.0 | 3473.7 |
| 7.5° | 5090.4 | 4795.8 | 4288.2 | 3794.5 | 3430.2 | 3084.8 | 2852.9 | 2667.7 | 2462.0 | 2373.5 | 2378.9 |
| 10° | 4593.0 | 4260.7 | 3660.5 | 3123.7 | 2825.4 | 2592.3 | 2396.9 | 2207.2 | 1998.7 | 1861.8 | 1824.1 |
| 12.5° | 4314.4 | 3932.5 | 3240.5 | 2761.2 | 2484.6 | 2239.5 | 2028.9 | 1826.1 | 1603.3 | 1463.6 | 1424.1 |
| 15° | 4266.4 | 3851.1 | 3083.1 | 2529.2 | 2182.6 | 1872.4 | 1624.1 | 1397.6 | 1168.2 | 1055.0 | 1031.3 |
| 17.5° | 4475.0 | 3996.5 | 3032.0 | 2322.3 | 1898.7 | 1515.6 | 1210.7 | 957.9 | 771.1 | 714.5 | 709.6 |
| 20° | 4875.0 | 4275.9 | 3025.4 | 2128.1 | 1618.4 | 1169.3 | 843.6 | 659.6 | 577.7 | 561.4 | 562.5 |
| 22.5° | 5436.6 | 4709.0 | 3106.6 | 1981.8 | 1360.7 | 871.9 | 634.2 | 551.9 | 519.9 | 504.8 | 504.8 |
| 25° | 6163.1 | 5305.5 | 3293.4 | 1875.2 | 1137.0 | 696.5 | 559.7 | 510.5 | 480.2 | 470.0 | 472.0 |
| 27.5° | 6867.3 | 5885.7 | 3510.5 | 1791.3 | 990.8 | 632.2 | 530.2 | 486.0 | 459.7 | 449.1 | 454.0 |
| 30° | 7416.4 | 6401.1 | 3691.6 | 1677.0 | 916.2 | 614.2 | 540.8 | 495.4 | 457.7 | 441.7 | 442.5 |
| 32.5° | 7871.2 | 6852.2 | 3843.6 | 1594.7 | 850.2 | 526.5 | 466.2 | 446.2 | 441.7 | 422.8 | 413.4 |
| 35° | 8452.6 | 7343.9 | 3945.6 | 1596.7 | 819.1 | 470.0 | 415.1 | 380.2 | 354.8 | 333.1 | 333.1 |
| 37.5° | 9134.0 | 7908.1 | 4054.2 | 1618.4 | 807.9 | 436.8 | 397.4 | 362.3 | 338.8 | 318.0 | 314.3 |
| 40° | 9807.6 | 8461.2 | 4153.3 | 1639.3 | 801.1 | 417.1 | 383.1 | 351.1 | 329.4 | 308.5 | 302.8 |
| 42.5° | 10380.7 | 8916.0 | 4241.9 | 1649.6 | 778.5 | 415.1 | 372.8 | 343.4 | 322.8 | 300.0 | 294.5 |
| 45° | 10804.4 | 9297.1 | 4337.3 | 1665.6 | 755.9 | 422.8 | 372.8 | 342.5 | 317.1 | 295.4 | 289.7 |
| 47.5° | 11182.6 | 9744.5 | 4496.7 | 1665.6 | 728.5 | 408.5 | 385.1 | 343.4 | 316.3 | 293.4 | 288.8 |
| 50° | 11689.4 | 10357.8 | 4798.7 | 1627.0 | 689.9 | 393.4 | 405.7 | 339.7 | 307.7 | 289.7 | 284.0 |
| 52.5° | 12387.6 | 11144.1 | 5278.1 | 1559.8 | 630.5 | 364.3 | 402.8 | 338.0 | 299.1 | 280.3 | 273.7 |
| 55° | 13213.6 | 11985.7 | 5800.9 | 1481.6 | 541.7 | 343.4 | 388.8 | 333.1 | 289.7 | 268.8 | 262.3 |
| 57.5° | 13858.1 | 12565.1 | 6168.8 | 1360.7 | 464.2 | 332.3 | 344.5 | 328.5 | 278.3 | 256.5 | 251.1 |
| 60° | 14114.6 | 12542.5 | 6270.0 | 1199.3 | 426.5 | 322.8 | 301.1 | 368.0 | 268.8 | 247.1 | 240.5 |
| 62.5° | 13976.1 | 11963.1 | 5986.8 | 1086.2 | 418.0 | 310.5 | 282.3 | 340.5 | 261.4 | 240.5 | 231.1 |
| 65° | 13335.3 | 10936.4 | 5236.6 | 1055.9 | 442.5 | 298.3 | 270.0 | 267.1 | 251.1 | 231.1 | 221.7 |
| 67.5° | 11939.4 | 9401.9 | 4192.7 | 1058.8 | 473.7 | 286.0 | 257.7 | 244.5 | 236.8 | 220.8 | 212.3 |
| 70° | 9724.8 | 7433.6 | 3125.4 | 1066.5 | 489.7 | 271.7 | 244.5 | 230.3 | 221.7 | 205.7 | 200.0 |
| 72.5° | 7150.4 | 5729.2 | 2270.6 | 1017.3 | 492.5 | 255.7 | 226.5 | 214.3 | 205.7 | 188.8 | 184.0 |
| 75° | 4892.1 | 4382.4 | 1575.0 | 842.8 | 429.4 | 233.1 | 206.6 | 195.4 | 189.7 | 168.8 | 166.0 |
| 77.5° | 3573.7 | 3289.7 | 1007.9 | 625.7 | 331.1 | 204.8 | 182.3 | 173.7 | 170.0 | 147.1 | 143.4 |
| 80° | 2868.0 | 2602.6 | 630.5 | 428.5 | 242.5 | 171.7 | 152.8 | 148.3 | 144.3 | 121.7 | 118.8 |
| 82.5° | 1989.2 | 1743.0 | 404.8 | 278.3 | 182.3 | 133.1 | 120.8 | 118.8 | 113.1 | 92.6 | 89.7 |
| 85° | 1049.3 | 946.5 | 256.5 | 189.7 | 132.0 | 91.4 | 84.0 | 84.0 | 81.1 | 61.4 | 59.4 |
| 87.5° | 134.0 | 218.0 | 130.3 | 99.1 | 72.6 | 40.6 | 40.6 | 39.7 | 42.6 | 34.9 | 30.3 |
| 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° | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 |
| 2.5° | 4687.3 | 4732.7 | 4689.3 | 4692.1 | 4740.1 | 4883.5 | 4948.7 | 5002.4 | 5060.1 | 5097.8 | 5114.6 |
| 5° | 3397.4 | 3503.1 | 3538.8 | 3614.2 | 3725.6 | 3908.8 | 3981.3 | 4034.2 | 4069.3 | 4089.9 | 4098.5 |
| 7.5° | 2323.5 | 2387.5 | 2459.2 | 2580.9 | 2823.4 | 2931.1 | 2979.1 | 2966.9 | 2927.4 | 2913.1 | 2899.1 |
| 10° | 1751.5 | 1726.1 | 1712.7 | 1779.8 | 1976.1 | 2084.7 | 2118.6 | 2085.5 | 2063.8 | 2068.7 | 2092.1 |
| 12.5° | 1357.0 | 1312.7 | 1259.0 | 1251.3 | 1380.7 | 1477.9 | 1499.6 | 1501.3 | 1541.0 | 1575.8 | 1627.8 |
| 15° | 989.0 | 984.2 | 957.9 | 941.9 | 1015.3 | 1094.8 | 1104.2 | 1121.0 | 1157.0 | 1182.5 | 1227.6 |
| 17.5° | 697.4 | 722.8 | 743.6 | 753.9 | 809.6 | 866.2 | 855.9 | 847.3 | 840.8 | 840.8 | 862.5 |
| 20° | 562.5 | 579.4 | 605.9 | 635.9 | 692.8 | 732.2 | 706.8 | 672.8 | 648.2 | 640.8 | 643.7 |
| 22.5° | 506.8 | 519.9 | 535.1 | 561.4 | 612.5 | 639.9 | 612.5 | 587.9 | 563.4 | 554.8 | 551.9 |
| 25° | 478.5 | 495.4 | 509.7 | 529.4 | 567.1 | 585.9 | 559.7 | 541.7 | 526.5 | 516.2 | 508.5 |
| 27.5° | 462.5 | 477.4 | 481.4 | 490.8 | 522.8 | 539.7 | 526.5 | 519.1 | 509.7 | 500.2 | 490.8 |
| 30° | 445.4 | 442.5 | 436.0 | 436.8 | 462.5 | 479.4 | 478.5 | 480.2 | 479.4 | 476.5 | 474.8 |
| 32.5° | 406.8 | 401.1 | 395.4 | 401.1 | 424.5 | 439.7 | 440.8 | 444.5 | 444.5 | 443.7 | 451.1 |
| 35° | 338.8 | 349.1 | 355.7 | 372.8 | 401.1 | 414.2 | 408.5 | 399.1 | 382.2 | 371.7 | 370.8 |
| 37.5° | 313.4 | 315.1 | 326.5 | 350.0 | 381.4 | 393.4 | 385.1 | 363.4 | 352.0 | 350.0 | 352.8 |
| 40° | 301.1 | 302.8 | 309.4 | 331.1 | 362.3 | 374.5 | 367.1 | 351.1 | 340.5 | 339.7 | 344.5 |
| 42.5° | 292.5 | 294.5 | 298.3 | 313.4 | 338.8 | 354.0 | 354.8 | 343.4 | 331.1 | 332.3 | 336.8 |
| 45° | 287.7 | 288.8 | 287.7 | 295.4 | 318.8 | 336.8 | 344.5 | 336.8 | 326.5 | 328.5 | 334.0 |
| 47.5° | 286.8 | 284.0 | 280.3 | 282.3 | 306.8 | 324.5 | 334.0 | 331.1 | 326.5 | 328.5 | 333.1 |
| 50° | 283.1 | 276.5 | 271.7 | 270.8 | 295.4 | 314.3 | 322.8 | 322.8 | 324.5 | 328.5 | 333.1 |
| 52.5° | 271.7 | 264.3 | 264.3 | 261.4 | 287.7 | 305.7 | 311.4 | 312.3 | 315.1 | 321.7 | 328.5 |
| 55° | 257.7 | 254.8 | 257.7 | 252.8 | 282.3 | 299.1 | 302.0 | 304.0 | 305.7 | 311.4 | 320.8 |
| 57.5° | 245.4 | 241.7 | 248.3 | 246.3 | 277.4 | 292.5 | 292.5 | 296.3 | 296.3 | 304.0 | 311.4 |
| 60° | 238.8 | 231.1 | 234.0 | 236.0 | 270.8 | 286.8 | 285.1 | 288.8 | 290.5 | 297.4 | 302.8 |
| 62.5° | 230.3 | 223.7 | 223.7 | 228.3 | 263.4 | 278.3 | 277.4 | 280.3 | 287.7 | 289.7 | 295.4 |
| 65° | 220.0 | 217.1 | 214.3 | 220.0 | 255.7 | 268.8 | 270.0 | 273.7 | 280.3 | 282.3 | 286.8 |
| 67.5° | 209.4 | 210.6 | 204.8 | 210.6 | 249.1 | 259.4 | 259.4 | 267.1 | 270.0 | 273.7 | 278.3 |
| 70° | 198.3 | 199.1 | 194.3 | 201.1 | 244.5 | 249.1 | 248.3 | 258.5 | 260.5 | 263.4 | 268.0 |
| 72.5° | 184.0 | 184.0 | 182.3 | 191.7 | 236.8 | 238.8 | 236.8 | 245.4 | 246.3 | 249.1 | 251.1 |
| 75° | 168.8 | 168.8 | 167.1 | 180.3 | 232.3 | 227.4 | 221.7 | 228.3 | 230.3 | 232.3 | 232.3 |
| 77.5° | 149.1 | 151.1 | 151.1 | 167.1 | 216.0 | 222.8 | 203.7 | 207.7 | 210.6 | 211.4 | 208.6 |
| 80° | 124.6 | 129.4 | 131.1 | 152.0 | 181.1 | 205.7 | 182.3 | 184.8 | 186.0 | 186.0 | 182.3 |
| 82.5° | 95.4 | 103.7 | 108.6 | 131.1 | 138.8 | 172.6 | 158.6 | 161.4 | 158.6 | 152.8 | 151.1 |
| 85° | 66.0 | 77.4 | 83.1 | 100.0 | 104.8 | 133.1 | 132.0 | 132.0 | 126.6 | 118.8 | 118.0 |
| 87.5° | 36.0 | 42.6 | 46.3 | 59.4 | 71.7 | 89.7 | 97.1 | 94.3 | 89.7 | 84.8 | 86.0 |
| 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° | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 |
| 2.5° | 5203.5 | 5331.8 | 5536.6 | 5693.2 | 5850.9 | 6002.8 | 6167.1 | 6292.5 | 6399.1 | 6440.8 | 6567.1 |
| 5° | 4184.4 | 4344.7 | 4538.1 | 4887.2 | 5134.6 | 5407.2 | 5722.6 | 6139.7 | 6300.0 | 6521.9 | 6885.0 |
| 7.5° | 2958.6 | 3103.7 | 3415.1 | 3697.4 | 4047.6 | 4433.6 | 4859.0 | 5434.6 | 5645.2 | 6000.8 | 6592.5 |
| 10° | 2209.2 | 2378.1 | 2628.0 | 2866.0 | 3174.5 | 3569.1 | 4057.9 | 4701.5 | 4957.2 | 5343.2 | 6024.6 |
| 12.5° | 1779.8 | 1978.9 | 2244.1 | 2467.8 | 2706.6 | 2984.9 | 3459.7 | 4165.3 | 4508.1 | 4845.8 | 5534.6 |
| 15° | 1367.3 | 1575.8 | 1822.4 | 2106.4 | 2369.5 | 2669.7 | 3167.1 | 3939.0 | 4333.3 | 4685.5 | 5273.2 |
| 17.5° | 946.5 | 1124.7 | 1435.3 | 1731.5 | 2068.7 | 2452.6 | 3086.0 | 3987.0 | 4457.8 | 4863.8 | 5318.6 |
| 20° | 671.1 | 772.8 | 1027.6 | 1371.3 | 1791.3 | 2273.2 | 3070.8 | 4239.9 | 4852.4 | 5315.8 | 5609.2 |
| 22.5° | 564.2 | 601.9 | 750.2 | 1065.3 | 1550.4 | 2139.2 | 3123.7 | 4594.7 | 5384.6 | 5976.3 | 6072.5 |
| 25° | 514.2 | 537.1 | 614.2 | 836.2 | 1336.2 | 2042.1 | 3302.0 | 5123.2 | 6043.4 | 6637.1 | 6619.9 |
| 27.5° | 486.8 | 510.5 | 561.4 | 705.9 | 1175.0 | 1981.8 | 3480.2 | 5750.0 | 6796.5 | 7354.1 | 7142.7 |
| 30° | 478.5 | 510.5 | 564.2 | 665.4 | 1059.9 | 1886.4 | 3626.5 | 6300.0 | 7375.8 | 7838.4 | 7380.7 |
| 32.5° | 472.0 | 476.5 | 501.1 | 573.7 | 950.2 | 1775.0 | 3725.6 | 6793.6 | 7942.9 | 8298.9 | 7723.2 |
| 35° | 381.4 | 404.8 | 444.5 | 514.2 | 886.2 | 1708.1 | 3725.6 | 7219.3 | 8501.7 | 8764.0 | 8049.8 |
| 37.5° | 367.1 | 388.0 | 422.8 | 482.2 | 850.2 | 1675.0 | 3651.1 | 7629.8 | 9072.5 | 9291.7 | 8318.6 |
| 40° | 359.7 | 376.5 | 409.7 | 457.7 | 835.1 | 1637.3 | 3542.5 | 7992.1 | 9630.2 | 9819.9 | 8569.7 |
| 42.5° | 354.0 | 369.1 | 400.2 | 442.5 | 815.3 | 1595.8 | 3454.8 | 8282.6 | 10114.4 | 10271.0 | 8809.4 |
| 45° | 351.1 | 367.1 | 401.1 | 450.2 | 775.6 | 1541.0 | 3425.7 | 8596.9 | 10512.7 | 10647.5 | 9068.8 |
| 47.5° | 351.1 | 370.0 | 405.7 | 466.2 | 728.5 | 1484.4 | 3517.1 | 9011.4 | 10889.2 | 10955.2 | 9374.5 |
| 50° | 348.3 | 369.1 | 419.1 | 450.2 | 659.6 | 1412.7 | 3732.2 | 9533.1 | 11296.9 | 11304.3 | 9761.6 |
| 52.5° | 342.5 | 367.1 | 451.1 | 440.8 | 580.2 | 1318.4 | 4023.0 | 10203.3 | 11900.0 | 11945.1 | 10367.3 |
| 55° | 336.0 | 364.3 | 442.5 | 419.1 | 515.4 | 1206.2 | 4260.7 | 11017.5 | 12747.3 | 12872.7 | 11258.3 |
| 57.5° | 327.4 | 360.5 | 428.5 | 388.8 | 472.8 | 1061.6 | 4346.7 | 11614.0 | 13339.0 | 13654.1 | 12262.2 |
| 60° | 320.0 | 357.7 | 386.8 | 370.8 | 446.2 | 939.9 | 4180.4 | 11496.0 | 13298.4 | 13977.8 | 13152.1 |
| 62.5° | 312.3 | 360.5 | 352.8 | 359.7 | 434.0 | 861.6 | 3746.5 | 10551.3 | 12625.6 | 13643.8 | 13811.8 |
| 65° | 304.0 | 335.1 | 333.1 | 350.0 | 431.4 | 830.5 | 3105.7 | 9134.8 | 11325.2 | 12587.9 | 13967.5 |
| 67.5° | 292.5 | 309.4 | 318.8 | 338.0 | 440.8 | 803.1 | 2506.3 | 7535.3 | 9517.9 | 11005.2 | 13155.9 |
| 70° | 280.3 | 294.5 | 304.8 | 322.8 | 435.1 | 790.8 | 2084.7 | 5942.3 | 7552.4 | 9019.7 | 11554.6 |
| 72.5° | 264.3 | 276.5 | 286.0 | 302.8 | 429.4 | 784.2 | 1761.0 | 4785.5 | 5638.6 | 6700.2 | 9394.5 |
| 75° | 245.4 | 256.5 | 263.4 | 280.3 | 411.4 | 718.2 | 1384.4 | 4049.3 | 4219.3 | 4661.0 | 7482.4 |
| 77.5° | 223.7 | 232.3 | 237.7 | 256.5 | 364.3 | 597.4 | 1001.3 | 3123.7 | 3276.5 | 3384.0 | 5736.6 |
| 80° | 198.3 | 206.6 | 209.4 | 227.4 | 302.0 | 467.1 | 653.1 | 2307.2 | 2450.6 | 2475.2 | 3746.5 |
| 82.5° | 168.8 | 177.4 | 177.4 | 194.3 | 247.1 | 336.0 | 428.5 | 1580.7 | 1609.0 | 1692.1 | 2648.0 |
| 85° | 136.0 | 142.6 | 142.6 | 151.1 | 191.7 | 251.1 | 294.5 | 793.6 | 785.1 | 896.5 | 2294.1 |
| 87.5° | 97.1 | 102.0 | 106.6 | 108.6 | 136.8 | 166.0 | 177.4 | 241.7 | 159.4 | 183.1 | 1473.0 |
| 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: P299484

CATALOG NUMBER: GLNA-AF-05-LED-E1-SLR-7060-600

CANDELA DISTRIBUTION (continued):

| | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 | 5800.0 |
| 2.5° | 6662.5 | 6716.2 | 6661.3 | 6621.9 | 6451.1 | 6310.5 | 6122.5 | 6026.3 |
| 5° | 7161.6 | 7298.4 | 7252.1 | 7086.2 | 6729.3 | 6328.2 | 5872.6 | 5666.9 |
| 7.5° | 7101.3 | 7419.3 | 7426.7 | 7116.4 | 6590.8 | 6000.0 | 5382.9 | 5090.4 |
| 10° | 6631.4 | 7037.9 | 7154.2 | 6853.0 | 6295.4 | 5634.9 | 4926.9 | 4593.0 |
| 12.5° | 6106.5 | 6504.8 | 6593.6 | 6489.7 | 6023.7 | 5360.0 | 4642.1 | 4314.4 |
| 15° | 5677.2 | 5855.7 | 5961.1 | 6052.0 | 5790.6 | 5250.6 | 4625.8 | 4266.4 |
| 17.5° | 5415.8 | 5396.0 | 5426.3 | 5583.7 | 5628.0 | 5376.0 | 4871.2 | 4475.0 |
| 20° | 5321.5 | 5018.7 | 5010.9 | 5228.1 | 5551.7 | 5675.4 | 5350.6 | 4875.0 |
| 22.5° | 5373.5 | 4882.7 | 4820.4 | 5078.1 | 5592.3 | 6106.5 | 5979.1 | 5436.6 |
| 25° | 5552.6 | 4894.1 | 4843.8 | 5093.2 | 5739.4 | 6566.2 | 6657.6 | 6163.1 |
| 27.5° | 5834.9 | 4965.8 | 4899.5 | 5155.5 | 5934.8 | 6952.2 | 7325.9 | 6867.3 |
| 30° | 6102.8 | 5090.4 | 5008.1 | 5278.1 | 6113.1 | 7105.0 | 7735.5 | 7416.4 |
| 32.5° | 6428.5 | 5323.5 | 5178.9 | 5503.5 | 6334.0 | 7348.4 | 8100.6 | 7871.2 |
| 35° | 6747.3 | 5655.4 | 5476.3 | 5851.7 | 6580.2 | 7651.5 | 8517.7 | 8452.6 |
| 37.5° | 7097.6 | 6089.7 | 5941.4 | 6302.0 | 6917.3 | 7937.2 | 9050.0 | 9134.0 |
| 40° | 7471.3 | 6665.3 | 6489.7 | 6958.7 | 7440.1 | 8296.0 | 9605.9 | 9807.6 |
| 42.5° | 7847.8 | 7304.1 | 7094.7 | 7570.1 | 8014.6 | 8649.7 | 10081.3 | 10380.7 |
| 45° | 8278.9 | 7997.8 | 7898.7 | 8412.9 | 8566.9 | 8986.8 | 10432.4 | 10804.4 |
| 47.5° | 8781.1 | 8784.9 | 8944.3 | 9150.0 | 9123.7 | 9367.9 | 10785.5 | 11182.6 |
| 50° | 9367.1 | 9767.0 | 10119.3 | 10255.9 | 9697.3 | 9777.6 | 11275.2 | 11689.4 |
| 52.5° | 10071.0 | 10942.1 | 11378.0 | 11288.3 | 10315.6 | 10277.6 | 12050.8 | 12387.6 |
| 55° | 10951.5 | 12186.0 | 12619.1 | 12554.8 | 11026.1 | 10958.9 | 13017.3 | 13213.6 |
| 57.5° | 11970.5 | 13391.0 | 13789.2 | 13500.4 | 11879.1 | 11706.6 | 13816.6 | 13858.1 |
| 60° | 12866.2 | 14346.0 | 14695.1 | 14375.2 | 12739.9 | 12501.9 | 14315.7 | 14114.6 |
| 62.5° | 13364.4 | 14669.7 | 14915.1 | 14570.6 | 13329.6 | 13349.3 | 14425.2 | 13976.1 |
| 65° | 13141.9 | 13851.5 | 13930.6 | 13902.4 | 13177.6 | 13840.9 | 14031.8 | 13335.3 |
| 67.5° | 11922.5 | 11782.8 | 11916.0 | 12100.0 | 11875.4 | 13193.6 | 12941.6 | 11939.4 |
| 70° | 9774.8 | 9007.4 | 9272.8 | 9396.2 | 9498.2 | 11353.5 | 11232.6 | 9724.8 |
| 72.5° | 7366.4 | 6310.5 | 6519.9 | 6494.5 | 6966.2 | 9106.5 | 8735.7 | 7150.4 |
| 75° | 5219.5 | 4278.7 | 4305.0 | 4294.7 | 4861.0 | 7124.7 | 6325.7 | 4892.1 |
| 77.5° | 3651.9 | 3100.0 | 3114.3 | 3172.5 | 3268.0 | 5373.5 | 4519.3 | 3573.7 |
| 80° | 2511.2 | 2352.6 | 2430.9 | 2435.8 | 2264.9 | 3609.6 | 3338.8 | 2868.0 |
| 82.5° | 1870.4 | 1635.3 | 1616.4 | 1643.8 | 1775.0 | 2924.6 | 2565.7 | 1989.2 |
| 85° | 1531.6 | 968.2 | 778.5 | 975.9 | 1573.0 | 2896.3 | 1704.4 | 1049.3 |
| 87.5° | 862.5 | 459.7 | 207.7 | 385.1 | 627.7 | 1917.5 | 492.5 | 134.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)