

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: P267184

Luminaire Tested: **GAN-AF-08-LED-U-T2R-7027-ADJ**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P267184
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P24657)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GAN-AF-08-LED-U-T2R-7027-ADJ
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(8) 70 CRI, 2700K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE II ROADWAY OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 43179.3 lumens
Efficiency: N/A
Efficacy: 97.0 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type II - Short - Full Cutoff
BUG Rating: B3 - U0 - G4

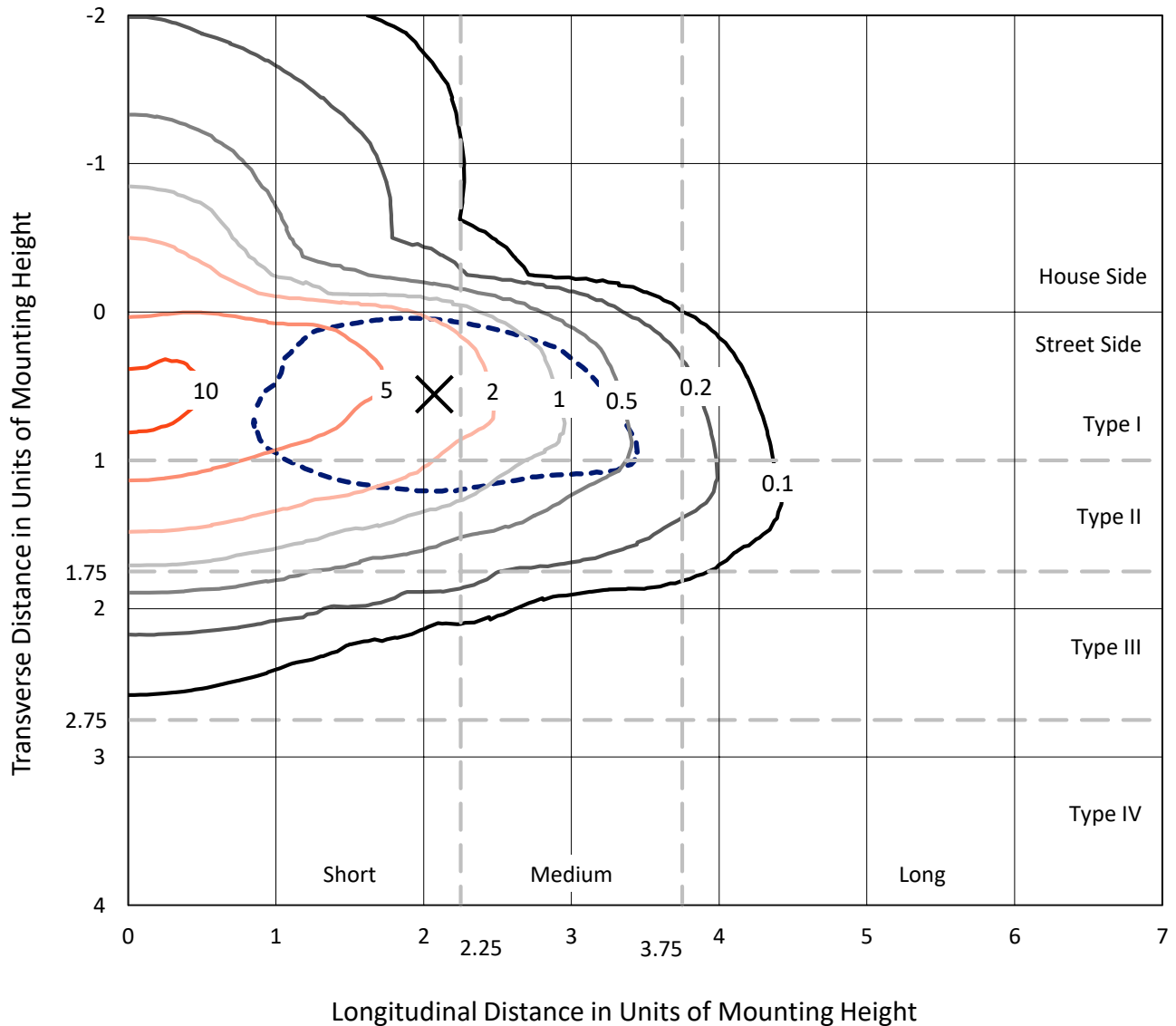
Input Watts (W): 445
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P267184
 CATALOG NUMBER: GAN-AF-08-LED-U-T2R-7027-ADJ

Iso-Footcandle Lines of Horizontal Illumination

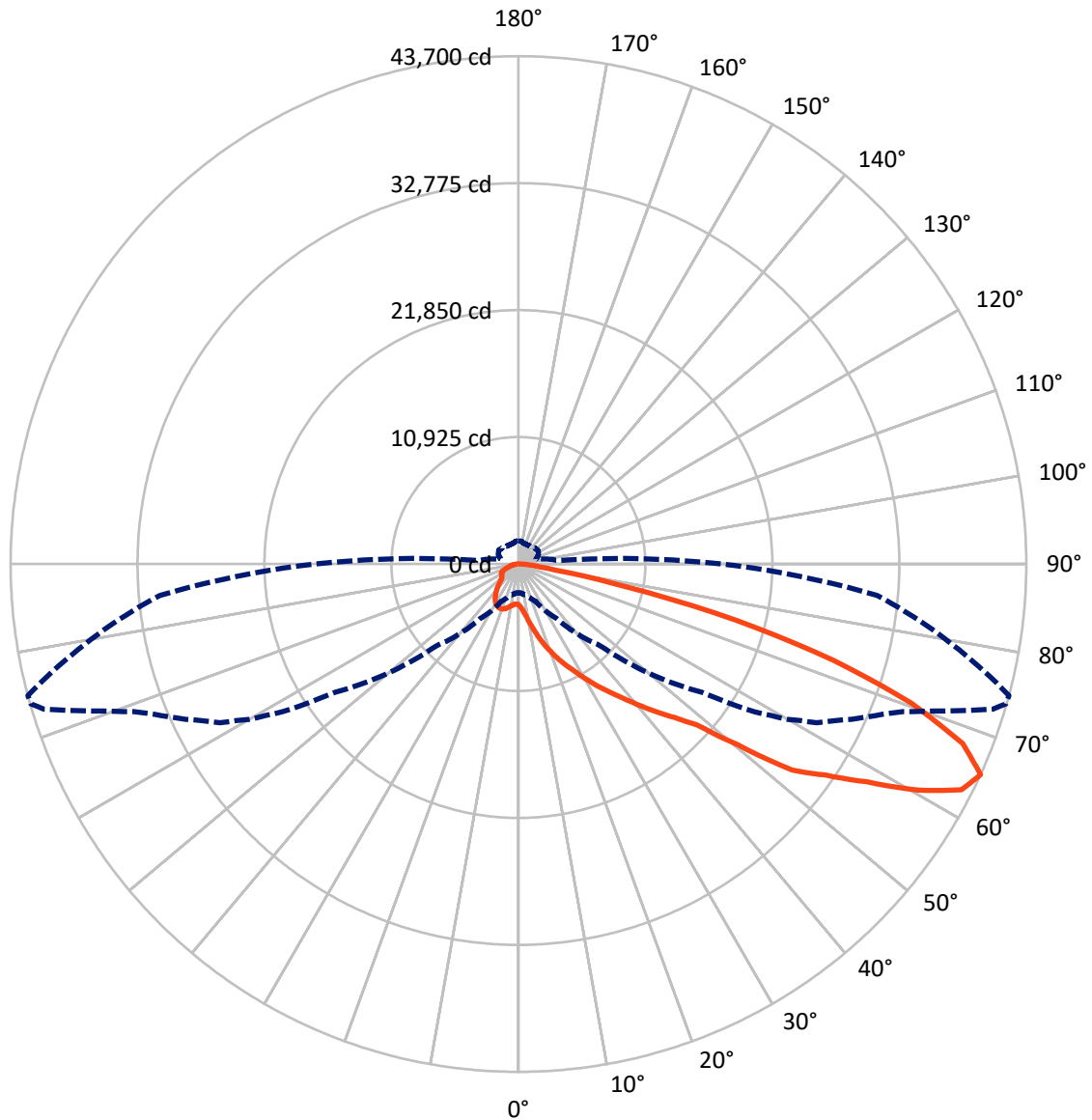
✕ Max cd
 - - - 1/2 Max cd



Based on 30 foot mounting height. Maximum calculated value = 12.1 fc
 Type II - Short - Full Cutoff

REPORT NUMBER: P267184
CATALOG NUMBER: GAN-AF-08-LED-U-T2R-7027-ADJ

Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 65-Deg Vertical

REPORT NUMBER: P267184

CATALOG NUMBER: GAN-AF-08-LED-U-T2R-7027-ADJ

FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 6657.2 | 0.0 | 6657.2 |
| | % Fixture | 15.4 | 0.0 | 15.4 |
| Street Side | Lumens | 36522.1 | 0.0 | 36522.1 |
| | % Fixture | 84.6 | 0.0 | 84.6 |
| Total | Lumens | 43179.3 | 0.0 | 43179.3 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 433.7 | 1.0 |
| 10°-20° | 1694.7 | 3.9 |
| 20°-30° | 3477.0 | 8.1 |
| 30°-40° | 5849.9 | 13.5 |
| 40°-50° | 8082.9 | 18.7 |
| 50°-60° | 10089.9 | 23.4 |
| 60°-70° | 9079.9 | 21.0 |
| 70°-80° | 3806.2 | 8.8 |
| 80°-90° | 665.0 | 1.5 |
| 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° | 43179.3 | 100.0 |
| 0°-180° | 43179.3 | 100.0 |

Coefficient of Utilization



REPORT NUMBER: P267184

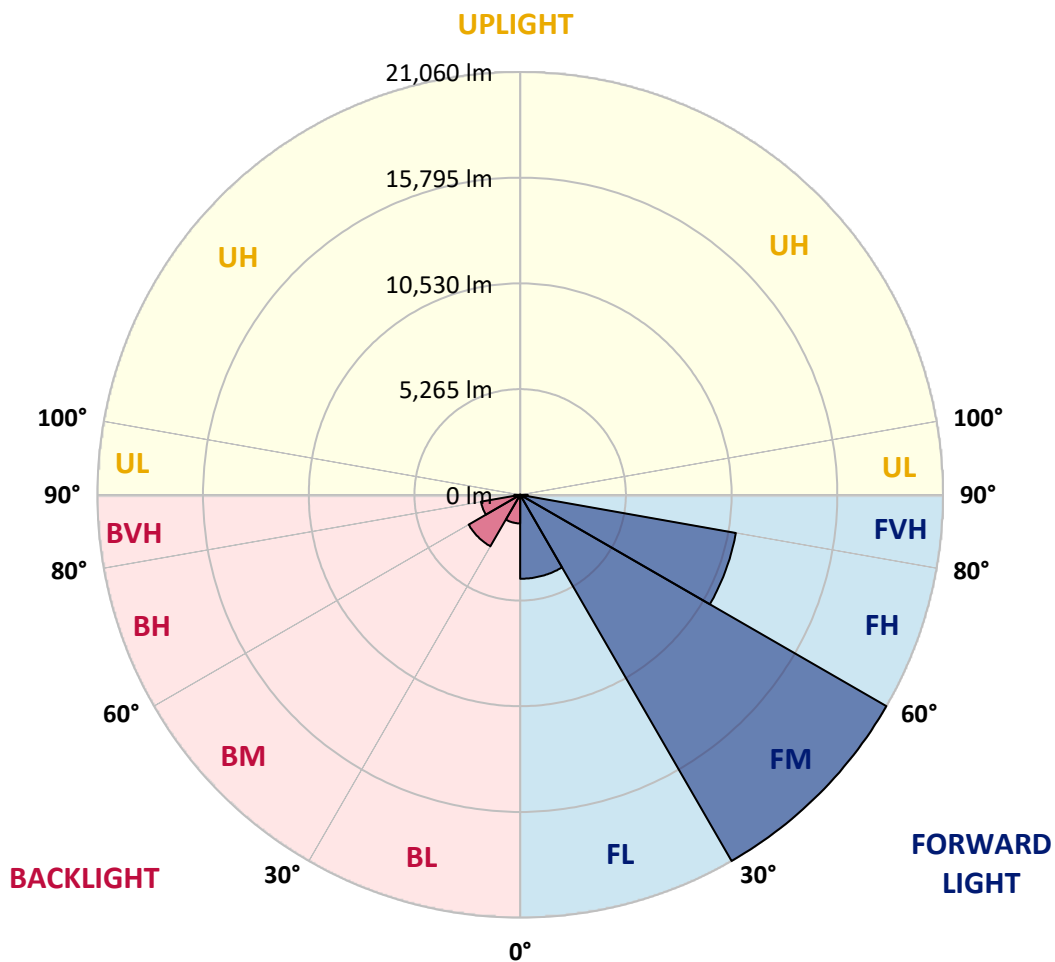
CATALOG NUMBER: GAN-AF-08-LED-U-T2R-7027-ADJ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|----------|
| | | | B | U | G |
| FL (0°-30°) | 4181.8 | 9.7 | | | |
| FM (30°-60°) | 21059.6 | 48.8 | | | |
| FH (60°-80°) | 10906.9 | 25.3 | | | G4/12000 |
| FVH (80°-90°) | 373.8 | 0.9 | | | G3/500 |
| BL (0°-30°) | 1423.7 | 3.3 | B3/2500 | | |
| BM (30°-60°) | 2963.2 | 6.9 | B3/5000 | | |
| BH (60°-80°) | 1979.1 | 4.6 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 291.2 | 0.7 | | | G3/500 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B3-U0-G4

Type II Short





REPORT NUMBER: P267184

CATALOG NUMBER: GAN-AF-08-LED-U-T2R-7027-ADJ

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 56° | 57° | 58° | 59° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 |
| 2.5° | 4455.5 | 4406.4 | 4418.7 | 4336.8 | 4236.8 | 4106.0 | 3960.7 | 3958.8 | 3960.7 | 3946.6 | 3893.3 |
| 5° | 6178.4 | 6119.1 | 6096.5 | 5912.6 | 5642.9 | 5258.6 | 4841.7 | 4796.7 | 4778.4 | 4731.4 | 4622.9 |
| 7.5° | 7435.2 | 7402.6 | 7367.8 | 7228.8 | 6983.6 | 6554.4 | 5994.4 | 5898.4 | 5806.4 | 5783.8 | 5661.2 |
| 10° | 8246.6 | 8238.4 | 8164.9 | 8128.0 | 7974.8 | 7602.9 | 7057.2 | 6965.2 | 6864.9 | 6830.3 | 6701.4 |
| 12.5° | 8888.3 | 8886.4 | 8851.5 | 8861.8 | 8728.9 | 8459.1 | 7989.0 | 7905.3 | 7831.8 | 7725.5 | 7633.4 |
| 15° | 9331.9 | 9333.8 | 9385.0 | 9442.2 | 9421.8 | 9239.8 | 8798.4 | 8761.6 | 8698.3 | 8624.6 | 8516.4 |
| 17.5° | 9695.6 | 9705.8 | 9758.9 | 9863.2 | 9975.6 | 9961.3 | 9611.9 | 9581.1 | 9525.9 | 9425.8 | 9368.7 |
| 20° | 10517.3 | 10556.1 | 10453.8 | 10453.8 | 10466.2 | 10521.3 | 10353.8 | 10329.3 | 10251.5 | 10198.4 | 10153.5 |
| 22.5° | 11904.9 | 11950.0 | 11719.0 | 11483.9 | 11253.0 | 11085.4 | 10917.8 | 10948.5 | 10895.4 | 10858.5 | 10831.9 |
| 25° | 13707.5 | 13742.4 | 13368.2 | 12971.7 | 12501.7 | 11888.6 | 11473.7 | 11455.2 | 11426.7 | 11404.3 | 11391.9 |
| 27.5° | 15403.9 | 15418.1 | 15064.5 | 14484.1 | 13938.6 | 13057.7 | 12037.7 | 12015.3 | 11980.5 | 11937.7 | 11900.8 |
| 30° | 16854.9 | 16850.9 | 16487.0 | 15933.1 | 15348.7 | 14373.8 | 12894.1 | 12824.7 | 12722.4 | 12605.9 | 12516.1 |
| 32.5° | 18111.8 | 18105.7 | 17707.2 | 17132.8 | 16519.7 | 15677.7 | 14067.3 | 13924.2 | 13764.8 | 13537.8 | 13400.9 |
| 35° | 19101.0 | 19097.0 | 18720.9 | 18122.0 | 17419.0 | 16906.0 | 15412.0 | 15236.2 | 15033.9 | 14729.4 | 14518.9 |
| 37.5° | 19475.1 | 19475.1 | 19264.5 | 18855.8 | 18234.4 | 17883.0 | 16906.0 | 16693.5 | 16476.8 | 16131.5 | 15894.4 |
| 40° | 19256.3 | 19260.4 | 19305.5 | 19229.7 | 18927.3 | 18657.5 | 18299.8 | 18173.2 | 17987.2 | 17676.5 | 17429.3 |
| 42.5° | 18522.6 | 18545.1 | 18843.4 | 19209.4 | 19360.6 | 19317.6 | 19536.3 | 19479.1 | 19348.4 | 19109.1 | 18912.9 |
| 45° | 17592.8 | 17662.3 | 17989.2 | 18680.1 | 19481.2 | 19887.8 | 20572.5 | 20578.6 | 20554.2 | 20425.4 | 20274.1 |
| 47.5° | 16315.3 | 16413.6 | 16844.7 | 17778.7 | 19199.1 | 20441.7 | 21625.1 | 21680.2 | 21731.3 | 21647.5 | 21578.0 |
| 50° | 14619.0 | 14735.5 | 15381.4 | 16619.9 | 18624.7 | 21016.0 | 23613.7 | 23862.9 | 24096.0 | 24067.4 | 24114.5 |
| 52.5° | 12802.1 | 12939.0 | 13730.1 | 15109.5 | 17637.7 | 21148.8 | 24884.8 | 25291.6 | 25698.4 | 26031.4 | 26384.9 |
| 55° | 11163.1 | 11089.4 | 11880.4 | 13333.5 | 16015.0 | 20550.0 | 26027.3 | 26517.8 | 26971.6 | 27380.2 | 27801.4 |
| 57.5° | 8941.5 | 9062.0 | 9855.0 | 11291.9 | 13867.0 | 18859.8 | 26814.1 | 27531.6 | 28183.6 | 28859.9 | 29456.9 |
| 60° | 6536.0 | 6656.5 | 7516.9 | 8976.3 | 11535.0 | 16297.1 | 26213.4 | 27300.6 | 28344.9 | 29381.1 | 30190.4 |
| 62.5° | 3946.6 | 4036.4 | 4794.7 | 6184.4 | 8894.5 | 13257.8 | 23536.0 | 24962.6 | 26499.5 | 27738.0 | 28978.6 |
| 65° | 2456.7 | 2507.7 | 2787.7 | 3552.1 | 5712.3 | 9898.0 | 19229.7 | 20785.2 | 22440.5 | 24012.2 | 25301.8 |
| 67.5° | 2011.0 | 2029.5 | 2080.6 | 2244.1 | 3137.2 | 6454.2 | 14312.4 | 15689.9 | 17183.9 | 18704.5 | 20139.2 |
| 70° | 1808.7 | 1796.5 | 1796.5 | 1806.8 | 2011.0 | 3470.3 | 9370.7 | 10267.8 | 11512.5 | 12834.9 | 14147.0 |
| 72.5° | 1632.9 | 1620.7 | 1598.3 | 1567.5 | 1641.2 | 2117.3 | 4843.8 | 5520.3 | 6417.4 | 7592.6 | 8849.6 |
| 75° | 1467.4 | 1451.1 | 1424.5 | 1385.6 | 1436.7 | 1598.3 | 2325.8 | 2609.8 | 3047.2 | 3672.6 | 4373.7 |
| 77.5° | 1295.7 | 1275.4 | 1250.8 | 1222.1 | 1287.6 | 1242.6 | 1363.2 | 1465.3 | 1632.9 | 1833.3 | 2097.0 |
| 80° | 1101.6 | 1083.1 | 1075.0 | 1060.7 | 1138.4 | 946.3 | 962.7 | 1026.0 | 1124.0 | 1232.4 | 1355.1 |
| 82.5° | 862.5 | 862.5 | 895.3 | 901.3 | 987.1 | 680.6 | 719.5 | 774.6 | 825.7 | 882.9 | 940.2 |
| 85° | 568.2 | 572.3 | 682.6 | 725.6 | 778.7 | 457.7 | 539.5 | 557.9 | 598.8 | 631.5 | 656.0 |
| 87.5° | 177.9 | 192.1 | 417.0 | 461.9 | 447.5 | 259.6 | 331.0 | 339.3 | 367.9 | 390.4 | 410.7 |
| 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: P267184

CATALOG NUMBER: GAN-AF-08-LED-U-T2R-7027-ADJ

CANDELA DISTRIBUTION (continued):

| | 60° | 61° | 62° | 63° | 64° | 65° | 66° | 67° | 68° | 69° | 70° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 |
| 2.5° | 3893.3 | 3868.8 | 3846.4 | 3844.3 | 3827.9 | 3805.5 | 3813.7 | 3778.9 | 3781.0 | 3762.6 | 3742.1 |
| 5° | 4578.0 | 4561.8 | 4479.9 | 4457.5 | 4396.1 | 4357.3 | 4351.2 | 4269.5 | 4259.3 | 4212.2 | 4161.0 |
| 7.5° | 5563.2 | 5510.1 | 5395.5 | 5340.3 | 5236.1 | 5158.4 | 5121.6 | 5013.4 | 4960.3 | 4837.6 | 4782.3 |
| 10° | 6595.3 | 6527.8 | 6386.8 | 6309.1 | 6208.9 | 6084.3 | 6016.8 | 5859.5 | 5798.2 | 5685.7 | 5550.8 |
| 12.5° | 7551.7 | 7484.3 | 7339.2 | 7279.9 | 7147.1 | 7014.1 | 6940.7 | 6762.8 | 6683.1 | 6503.3 | 6397.0 |
| 15° | 8436.6 | 8369.1 | 8242.5 | 8181.3 | 8048.4 | 7939.9 | 7841.9 | 7666.1 | 7572.2 | 7404.5 | 7265.6 |
| 17.5° | 9295.0 | 9223.4 | 9113.1 | 9058.0 | 8929.2 | 8818.8 | 8712.7 | 8547.1 | 8451.0 | 8283.5 | 8158.6 |
| 20° | 10092.1 | 10039.0 | 9959.2 | 9885.7 | 9756.9 | 9656.8 | 9530.1 | 9387.0 | 9248.1 | 9125.4 | 9006.9 |
| 22.5° | 10786.9 | 10766.5 | 10680.7 | 10648.0 | 10537.7 | 10451.8 | 10341.5 | 10200.4 | 10100.4 | 9945.0 | 9834.6 |
| 25° | 11385.7 | 11379.6 | 11338.8 | 11328.5 | 11250.9 | 11169.2 | 11144.6 | 11028.1 | 10936.1 | 10799.2 | 10684.8 |
| 27.5° | 11900.8 | 11906.9 | 11896.8 | 11925.4 | 11904.9 | 11868.1 | 11870.3 | 11831.3 | 11778.1 | 11663.8 | 11563.6 |
| 30° | 12473.1 | 12440.4 | 12458.9 | 12499.6 | 12512.0 | 12516.1 | 12583.5 | 12605.9 | 12601.9 | 12526.2 | 12477.2 |
| 32.5° | 13282.3 | 13204.7 | 13133.2 | 13127.1 | 13168.0 | 13184.3 | 13298.8 | 13358.1 | 13409.1 | 13427.5 | 13435.7 |
| 35° | 14314.5 | 14159.3 | 14010.0 | 13930.2 | 13860.8 | 13879.3 | 13961.0 | 14056.9 | 14169.4 | 14247.1 | 14339.0 |
| 37.5° | 15614.3 | 15424.3 | 15160.7 | 14972.6 | 14925.6 | 14823.4 | 14876.7 | 14952.2 | 15062.5 | 15183.2 | 15342.5 |
| 40° | 17190.1 | 16901.9 | 16605.6 | 16356.2 | 16221.4 | 16033.3 | 16031.3 | 16017.0 | 16084.4 | 16196.8 | 16421.6 |
| 42.5° | 18706.6 | 18451.0 | 18136.4 | 17874.7 | 17698.9 | 17447.6 | 17396.5 | 17263.6 | 17294.3 | 17392.4 | 17611.1 |
| 45° | 20127.0 | 19916.5 | 19724.4 | 19421.8 | 19272.6 | 19000.9 | 18915.0 | 18757.7 | 18669.7 | 18714.7 | 18933.4 |
| 47.5° | 21502.5 | 21367.5 | 21167.3 | 20971.0 | 20856.6 | 20613.3 | 20503.0 | 20390.6 | 20278.2 | 20274.1 | 20503.0 |
| 50° | 24183.9 | 24112.3 | 23875.2 | 23670.9 | 23726.0 | 23427.6 | 23446.0 | 23143.7 | 23280.6 | 23296.9 | 23777.1 |
| 52.5° | 26703.8 | 26953.1 | 27129.0 | 27343.5 | 27482.4 | 27509.1 | 27601.1 | 27738.0 | 27903.5 | 28230.6 | 28676.1 |
| 55° | 28146.8 | 28459.5 | 28641.3 | 28804.8 | 29074.6 | 29131.9 | 29285.1 | 29467.0 | 29612.1 | 29979.9 | 30358.1 |
| 57.5° | 29861.5 | 30441.9 | 30723.9 | 30983.5 | 31347.3 | 31486.2 | 31741.7 | 31940.0 | 32128.1 | 32563.3 | 33021.1 |
| 60° | 30918.0 | 31625.2 | 32199.4 | 32610.4 | 33066.2 | 33393.1 | 33779.3 | 34090.0 | 34531.4 | 35052.7 | 35735.3 |
| 62.5° | 30078.0 | 31116.3 | 31878.6 | 32583.7 | 33203.1 | 33828.5 | 34382.3 | 34962.8 | 35633.1 | 36421.9 | 37480.6 |
| 65° | 26732.4 | 27789.1 | 29095.1 | 29826.8 | 30646.2 | 31610.8 | 32453.0 | 33393.1 | 34306.6 | 35455.3 | 37020.8 |
| 67.5° | 21520.9 | 22749.1 | 24216.6 | 24954.3 | 25896.6 | 26973.5 | 27917.9 | 29066.4 | 30133.3 | 31525.1 | 33460.4 |
| 70° | 15512.2 | 17100.1 | 18334.5 | 19105.2 | 20204.7 | 21314.4 | 22226.0 | 23562.5 | 24445.4 | 25872.1 | 27872.9 |
| 72.5° | 9822.3 | 11075.2 | 12587.5 | 13558.4 | 14535.2 | 15659.3 | 16591.2 | 17744.0 | 18567.5 | 19867.5 | 21680.2 |
| 75° | 5281.0 | 6204.9 | 7533.4 | 8455.0 | 9501.5 | 10462.0 | 11553.5 | 12326.0 | 12935.0 | 13963.1 | 15434.5 |
| 77.5° | 2475.0 | 3037.0 | 3709.5 | 4418.7 | 5127.9 | 5867.6 | 6587.0 | 7212.4 | 7474.1 | 8062.6 | 8931.3 |
| 80° | 1502.1 | 1684.1 | 1880.2 | 2098.9 | 2395.3 | 2634.4 | 2951.2 | 3180.1 | 3196.4 | 3382.4 | 3648.1 |
| 82.5° | 1003.4 | 1070.9 | 1130.2 | 1185.4 | 1261.0 | 1320.2 | 1387.7 | 1467.4 | 1500.1 | 1543.1 | 1628.8 |
| 85° | 684.7 | 717.3 | 729.7 | 764.4 | 756.3 | 776.7 | 803.3 | 829.8 | 844.0 | 842.0 | 880.9 |
| 87.5° | 421.0 | 437.4 | 445.5 | 453.7 | 447.5 | 439.5 | 451.7 | 466.0 | 470.1 | 457.7 | 461.9 |
| 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: P267184

CATALOG NUMBER: GAN-AF-08-LED-U-T2R-7027-ADJ

CANDELA DISTRIBUTION (continued):

| | 71° | 72° | 73° | 74° | 75° | 85° | 90° | 95° | 105° | 115° | 125° |
|-------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|
| 0° | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 |
| 2.5° | 3746.2 | 3727.8 | 3709.5 | 3697.2 | 3693.1 | 3584.7 | 3537.7 | 3507.2 | 3441.6 | 3388.5 | 3345.6 |
| 5° | 4132.6 | 4093.7 | 4063.0 | 4026.3 | 4005.8 | 3731.9 | 3631.8 | 3562.3 | 3447.9 | 3380.4 | 3319.1 |
| 7.5° | 4753.8 | 4645.4 | 4582.2 | 4510.6 | 4449.2 | 3954.7 | 3789.1 | 3680.8 | 3521.4 | 3431.4 | 3361.9 |
| 10° | 5458.9 | 5346.5 | 5246.3 | 5136.0 | 5039.9 | 4251.0 | 4009.9 | 3842.3 | 3631.8 | 3515.2 | 3423.4 |
| 12.5° | 6245.7 | 6135.3 | 6008.7 | 5867.6 | 5745.0 | 4627.1 | 4291.9 | 4052.9 | 3764.5 | 3609.3 | 3480.6 |
| 15° | 7175.7 | 6981.4 | 6828.2 | 6664.7 | 6521.6 | 5076.7 | 4620.9 | 4289.9 | 3905.7 | 3695.1 | 3523.4 |
| 17.5° | 8040.2 | 7835.7 | 7627.2 | 7484.3 | 7318.8 | 5581.4 | 4952.0 | 4531.1 | 4022.2 | 3750.3 | 3531.6 |
| 20° | 8884.2 | 8661.5 | 8481.6 | 8289.5 | 8115.7 | 6104.7 | 5305.6 | 4743.6 | 4097.8 | 3752.4 | 3480.6 |
| 22.5° | 9628.2 | 9489.2 | 9289.0 | 9080.4 | 8904.7 | 6628.0 | 5636.8 | 4923.4 | 4126.4 | 3705.4 | 3390.7 |
| 25° | 10474.2 | 10327.2 | 10081.9 | 9906.1 | 9709.9 | 7161.4 | 5961.6 | 5062.4 | 4110.0 | 3617.5 | 3251.7 |
| 27.5° | 11377.7 | 11214.1 | 10962.7 | 10778.9 | 10541.7 | 7715.3 | 6260.1 | 5162.6 | 4048.8 | 3474.5 | 3065.6 |
| 30° | 12319.9 | 12170.6 | 11923.4 | 11737.3 | 11498.2 | 8301.7 | 6593.2 | 5230.0 | 3926.0 | 3276.2 | 2849.1 |
| 32.5° | 13331.4 | 13206.8 | 12961.6 | 12767.4 | 12512.0 | 8937.3 | 6903.8 | 5250.5 | 3740.2 | 3041.1 | 2620.0 |
| 35° | 14292.0 | 14206.2 | 13999.7 | 13817.9 | 13552.2 | 9538.3 | 7233.0 | 5240.3 | 3519.4 | 2783.6 | 2411.6 |
| 37.5° | 15373.2 | 15322.1 | 15220.0 | 14988.9 | 14664.0 | 10353.8 | 7627.2 | 5197.4 | 3249.6 | 2528.1 | 2252.2 |
| 40° | 16525.8 | 16530.0 | 16419.6 | 16262.2 | 15959.7 | 11342.9 | 8097.4 | 5113.5 | 2955.2 | 2303.3 | 2107.2 |
| 42.5° | 17745.9 | 17809.3 | 17756.2 | 17643.8 | 17353.5 | 12340.2 | 8659.4 | 5011.4 | 2669.1 | 2084.6 | 1964.1 |
| 45° | 19143.9 | 19221.7 | 19303.4 | 19137.9 | 18855.8 | 13656.5 | 9399.2 | 4878.4 | 2360.6 | 1902.7 | 1866.0 |
| 47.5° | 20756.4 | 20879.0 | 20952.6 | 20954.8 | 20672.7 | 15287.4 | 10601.0 | 4798.7 | 2086.8 | 1780.1 | 1819.0 |
| 50° | 24159.3 | 24198.2 | 24371.8 | 24674.4 | 24457.8 | 19062.3 | 12700.0 | 4749.7 | 1900.8 | 1704.5 | 1784.3 |
| 52.5° | 29062.3 | 29489.5 | 29790.0 | 29769.6 | 29475.1 | 21459.5 | 13856.7 | 4496.2 | 1790.3 | 1675.9 | 1767.9 |
| 55° | 31059.1 | 31592.5 | 32148.5 | 32295.5 | 32066.6 | 23505.3 | 14950.1 | 4242.9 | 1737.2 | 1696.3 | 1774.1 |
| 57.5° | 33720.0 | 34619.3 | 35381.6 | 35702.5 | 35371.4 | 26123.4 | 16388.9 | 4110.0 | 1720.9 | 1751.5 | 1812.8 |
| 60° | 36828.6 | 37940.5 | 38941.9 | 39518.2 | 39518.2 | 29131.9 | 17880.9 | 4054.8 | 1698.3 | 1833.3 | 1878.3 |
| 62.5° | 38825.5 | 40458.4 | 41970.8 | 42814.8 | 42790.4 | 31226.7 | 18543.1 | 3866.8 | 1647.3 | 1890.6 | 1968.1 |
| 65° | 38833.5 | 40775.1 | 42702.4 | 43650.7 | 43699.8 | 30969.2 | 17449.7 | 3415.1 | 1553.3 | 1898.7 | 2058.0 |
| 67.5° | 35596.2 | 37666.7 | 39912.7 | 40973.4 | 41218.6 | 28508.5 | 15105.4 | 2808.1 | 1400.0 | 1816.9 | 2090.7 |
| 70° | 30063.8 | 32085.0 | 34378.1 | 35420.4 | 35855.8 | 24302.3 | 12166.6 | 2164.3 | 1203.8 | 1637.0 | 2023.3 |
| 72.5° | 23685.3 | 25667.6 | 27263.7 | 28026.1 | 28365.4 | 18575.8 | 8859.8 | 1635.1 | 987.1 | 1379.5 | 1841.4 |
| 75° | 16769.1 | 18257.0 | 19105.2 | 19274.8 | 19327.9 | 11197.8 | 5383.3 | 1216.0 | 813.4 | 1072.9 | 1555.3 |
| 77.5° | 9464.7 | 10102.2 | 10032.8 | 10108.4 | 9478.9 | 4322.6 | 2344.1 | 870.6 | 670.3 | 815.4 | 1205.9 |
| 80° | 3695.1 | 3809.6 | 3578.7 | 3507.2 | 3216.9 | 1608.4 | 1034.2 | 607.1 | 535.5 | 617.2 | 844.0 |
| 82.5° | 1628.8 | 1682.0 | 1632.9 | 1645.2 | 1573.7 | 829.8 | 619.2 | 439.5 | 408.8 | 451.7 | 560.1 |
| 85° | 897.1 | 913.5 | 909.4 | 936.0 | 897.1 | 331.0 | 294.4 | 269.9 | 286.1 | 306.5 | 359.7 |
| 87.5° | 437.4 | 441.4 | 427.1 | 449.6 | 435.3 | 167.7 | 145.0 | 153.3 | 167.7 | 171.7 | 171.7 |
| 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: P267184

CATALOG NUMBER: GAN-AF-08-LED-U-T2R-7027-ADJ

CANDELA DISTRIBUTION (continued):

| | 135° | 145° | 155° | 165° | 175° | 180° |
|-------|--------|--------|--------|--------|--------|--------|
| 0° | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 | 3509.1 |
| 2.5° | 3314.9 | 3298.7 | 3300.7 | 3296.6 | 3288.4 | 3288.4 |
| 5° | 3286.4 | 3270.0 | 3270.0 | 3266.0 | 3255.6 | 3257.8 |
| 7.5° | 3314.9 | 3288.4 | 3278.3 | 3263.9 | 3249.6 | 3249.6 |
| 10° | 3347.8 | 3300.7 | 3272.0 | 3247.6 | 3229.1 | 3229.1 |
| 12.5° | 3372.1 | 3298.7 | 3251.7 | 3218.9 | 3200.5 | 3200.5 |
| 15° | 3380.4 | 3284.4 | 3218.9 | 3180.1 | 3163.7 | 3161.8 |
| 17.5° | 3353.8 | 3229.1 | 3149.5 | 3104.5 | 3084.1 | 3078.0 |
| 20° | 3272.0 | 3128.9 | 3032.9 | 2981.8 | 2953.3 | 2942.9 |
| 22.5° | 3149.5 | 2986.0 | 2873.6 | 2820.4 | 2783.6 | 2777.5 |
| 25° | 2977.7 | 2802.1 | 2691.6 | 2640.6 | 2620.0 | 2614.0 |
| 27.5° | 2777.5 | 2614.0 | 2519.9 | 2487.2 | 2468.9 | 2466.8 |
| 30° | 2587.4 | 2448.4 | 2378.9 | 2354.4 | 2331.9 | 2327.9 |
| 32.5° | 2409.7 | 2321.7 | 2295.2 | 2260.4 | 2207.2 | 2201.1 |
| 35° | 2283.0 | 2274.7 | 2256.4 | 2178.7 | 2113.3 | 2094.8 |
| 37.5° | 2205.2 | 2280.8 | 2186.8 | 2033.6 | 1986.5 | 1982.5 |
| 40° | 2160.2 | 2217.5 | 2056.0 | 2003.0 | 2007.0 | 2003.0 |
| 42.5° | 2058.0 | 2117.3 | 2060.2 | 2035.6 | 2052.0 | 2056.0 |
| 45° | 1955.9 | 2021.2 | 2090.7 | 2074.5 | 2113.3 | 2113.3 |
| 47.5° | 1898.7 | 1996.8 | 2088.6 | 2088.6 | 2146.0 | 2166.4 |
| 50° | 1833.3 | 1976.4 | 2056.0 | 2084.6 | 2129.6 | 2113.3 |
| 52.5° | 1829.2 | 1941.5 | 2009.0 | 2060.2 | 2080.6 | 2062.1 |
| 55° | 1835.2 | 1913.0 | 1962.0 | 2019.2 | 2043.7 | 2045.8 |
| 57.5° | 1843.5 | 1896.6 | 1929.3 | 1955.9 | 2029.5 | 2029.5 |
| 60° | 1864.0 | 1882.3 | 1900.8 | 1914.9 | 2011.0 | 2013.1 |
| 62.5° | 1896.6 | 1867.9 | 1864.0 | 1878.3 | 2000.9 | 1992.7 |
| 65° | 1947.7 | 1847.5 | 1816.9 | 1831.3 | 1990.6 | 1966.1 |
| 67.5° | 2017.2 | 1816.9 | 1757.7 | 1767.9 | 1982.5 | 1929.3 |
| 70° | 2080.6 | 1767.9 | 1684.1 | 1673.8 | 1904.8 | 1810.8 |
| 72.5° | 2086.8 | 1710.6 | 1581.8 | 1551.3 | 1655.4 | 1565.6 |
| 75° | 1984.4 | 1671.7 | 1469.4 | 1379.5 | 1367.3 | 1355.1 |
| 77.5° | 1788.3 | 1649.3 | 1338.7 | 1197.6 | 1173.1 | 1181.4 |
| 80° | 1496.0 | 1565.6 | 1181.4 | 1013.6 | 1146.5 | 1132.3 |
| 82.5° | 1117.9 | 1381.7 | 1003.4 | 897.1 | 895.3 | 791.0 |
| 85° | 621.3 | 1077.1 | 817.5 | 672.4 | 468.0 | 453.7 |
| 87.5° | 173.7 | 598.8 | 572.3 | 380.2 | 259.6 | 269.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)