

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: P193028

Luminaire Tested: **GAN-AF-10-LED-U-SLL-7030-800-ADJ**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P193028
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: STREETWORKS
Catalog Number: GAN-AF-10-LED-U-SLL-7030-800-ADJ
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(10) 70 CRI, 3000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT
ELIMINATOR LEFT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 40458.7 lumens
Efficiency: N/A
Efficacy: 96.6 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type IV - Short - Non-Cutoff
BUG Rating: B3 - U0 - G5

Input Watts (W): 419
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: 28.75 FT

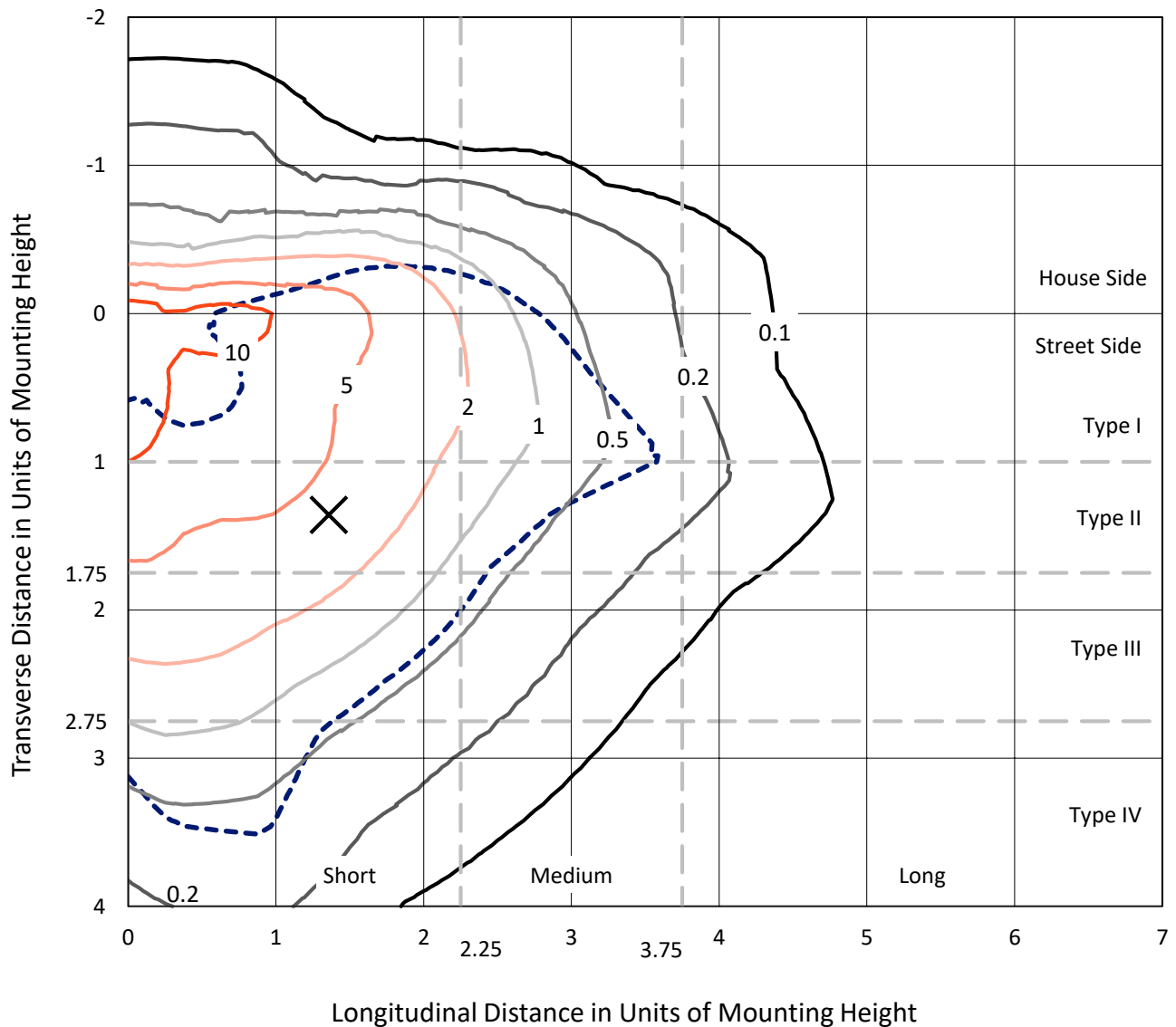


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

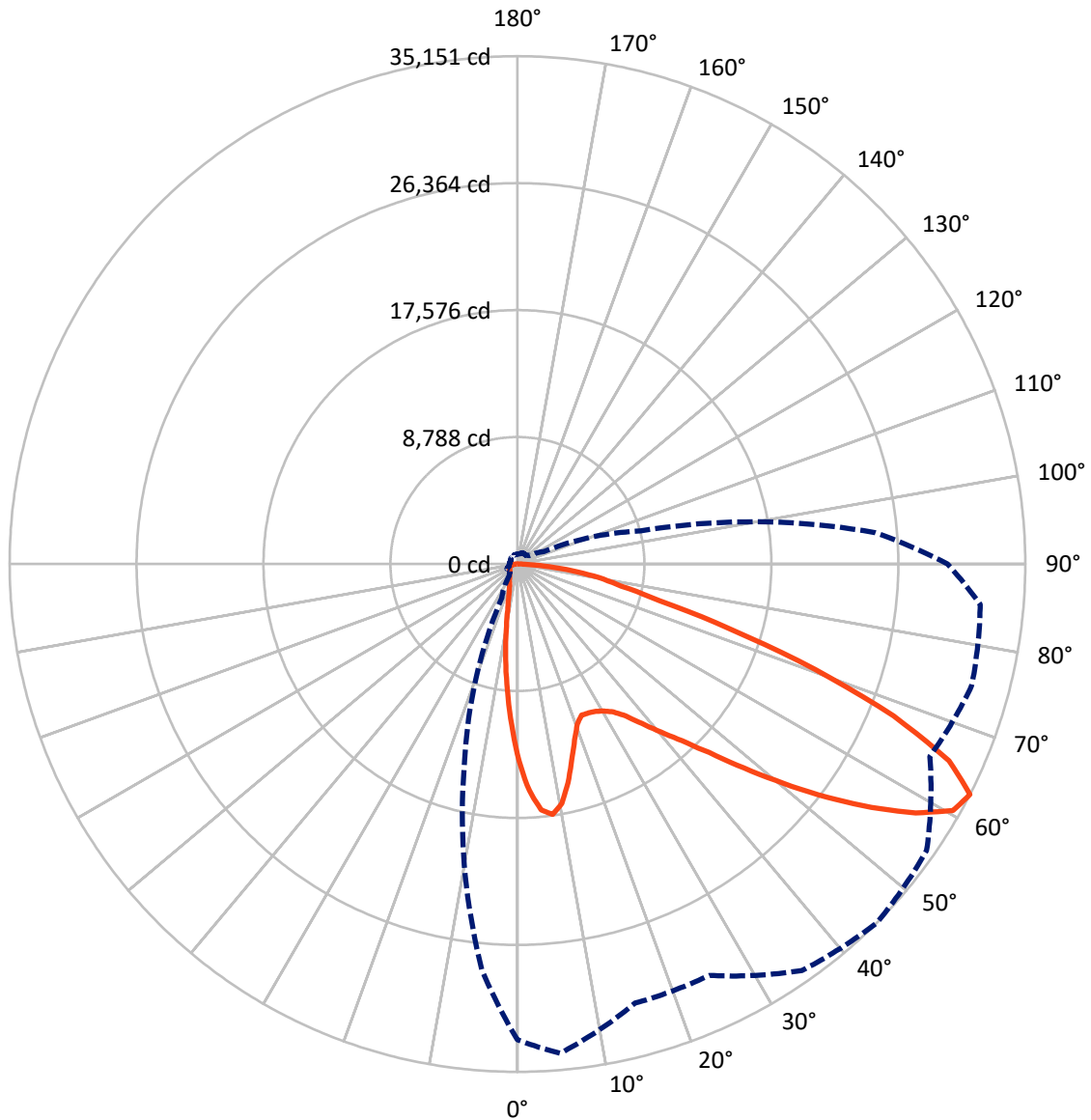


Based on 30 foot mounting height. Maximum calculated value = 17.9 fc
 Type IV - Short - Non-Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 62.5-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 6695.4 | 0.0 | 6695.4 |
| | % Fixture | 16.5 | 0.0 | 16.5 |
| Street Side | Lumens | 33763.4 | 0.0 | 33763.4 |
| | % Fixture | 83.5 | 0.0 | 83.5 |
| Total | Lumens | 40458.7 | 0.0 | 40458.7 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 995.1 | 2.5 |
| 10°-20° | 1824.7 | 4.5 |
| 20°-30° | 2660.3 | 6.6 |
| 30°-40° | 4097.3 | 10.1 |
| 40°-50° | 6030.2 | 14.9 |
| 50°-60° | 8845.0 | 21.9 |
| 60°-70° | 9887.4 | 24.4 |
| 70°-80° | 4840.7 | 12.0 |
| 80°-90° | 1278.1 | 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° | 40458.7 | 100.0 |
| 0°-180° | 40458.7 | 100.0 |

Coefficient of Utilization



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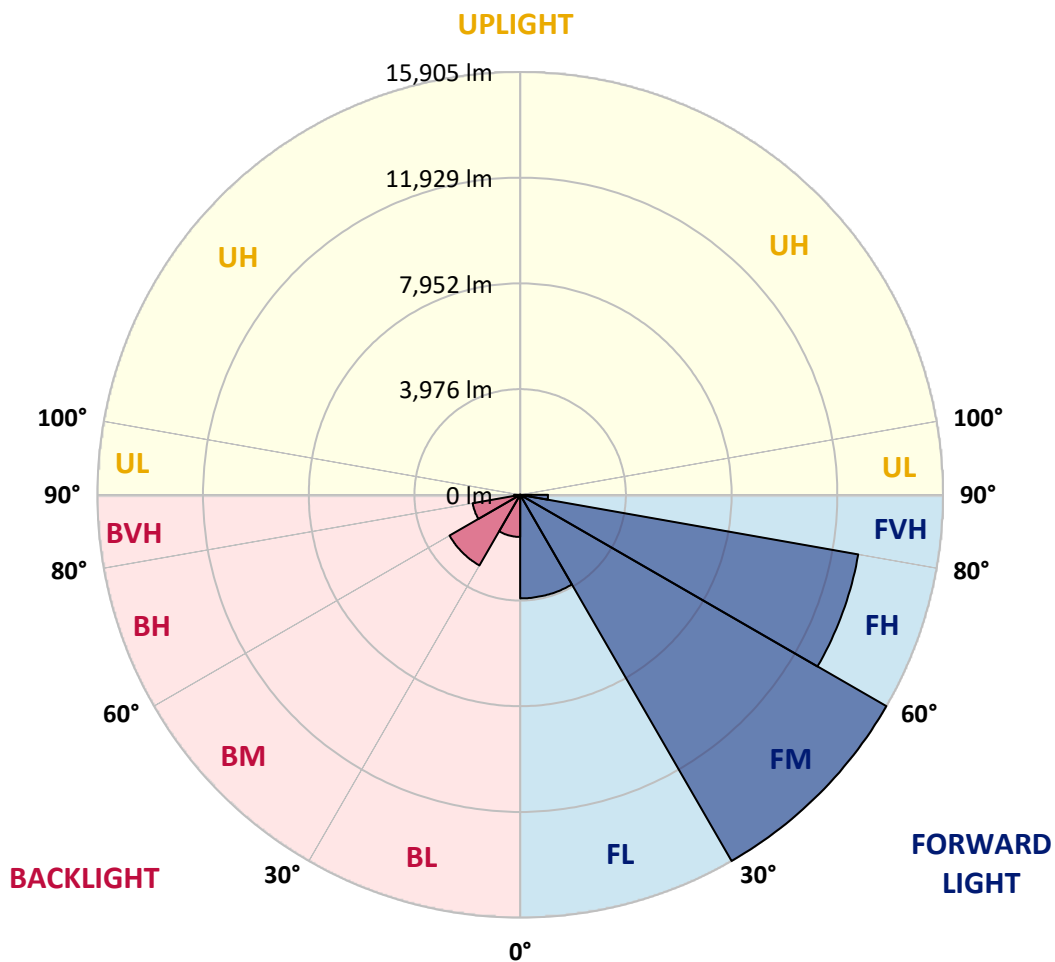
CATALOG NUMBER: GAN-AF-10-LED-U-SLL-7030-800-ADJ

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 3896.0 | 9.6 | | | |
| FM (30°-60°) | 15904.7 | 39.3 | | | |
| FH (60°-80°) | 12913.0 | 31.9 | | | G5 |
| FVH (80°-90°) | 1049.6 | 2.6 | | | G5 |
| BL (0°-30°) | 1584.0 | 3.9 | B3/2500 | | |
| BM (30°-60°) | 3067.8 | 7.6 | B3/5000 | | |
| BH (60°-80°) | 1815.1 | 4.5 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 228.5 | 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





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CATALOG NUMBER: GAN-AF-10-LED-U-SLL-7030-800-ADJ

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 15° | 25° | 35° | 45° | 55° | 65° | 75° | 85° | 90° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 |
| 2.5° | 14202.9 | 14429.8 | 14872.4 | 15203.8 | 15606.3 | 15699.7 | 15828.7 | 15701.9 | 15477.3 | 15179.3 | 15081.4 |
| 5° | 13355.6 | 13840.4 | 14914.7 | 15859.8 | 16700.5 | 17092.0 | 17200.9 | 16878.5 | 16226.8 | 15370.6 | 14847.9 |
| 7.5° | 11996.6 | 12686.1 | 14140.7 | 15533.0 | 16771.8 | 17503.5 | 17485.7 | 16736.2 | 15537.3 | 14142.8 | 13304.4 |
| 10° | 10824.6 | 11611.8 | 13279.9 | 14836.8 | 16151.1 | 16860.7 | 16587.0 | 15628.6 | 14198.5 | 12592.6 | 11683.0 |
| 12.5° | 10168.4 | 10940.2 | 12632.7 | 14196.3 | 15294.8 | 15539.6 | 15330.5 | 14391.9 | 13044.1 | 11420.6 | 10624.4 |
| 15° | 10055.0 | 10902.4 | 12374.7 | 13646.9 | 14262.9 | 14049.4 | 13800.3 | 13380.0 | 12428.1 | 11042.5 | 10212.9 |
| 17.5° | 10546.6 | 11480.6 | 12670.5 | 13264.4 | 13159.8 | 12788.4 | 12717.2 | 12763.8 | 12534.9 | 11462.8 | 10506.5 |
| 20° | 11489.6 | 12610.4 | 13375.5 | 13084.3 | 12321.3 | 11809.9 | 11827.7 | 12541.6 | 13219.9 | 12528.2 | 11436.1 |
| 22.5° | 12812.9 | 14091.7 | 14391.9 | 13179.8 | 11967.7 | 11360.6 | 11507.3 | 12663.8 | 14311.9 | 14085.0 | 12690.6 |
| 25° | 14525.4 | 15690.8 | 15475.1 | 13526.9 | 12003.3 | 11416.2 | 11534.1 | 13086.4 | 15601.9 | 15641.9 | 14242.9 |
| 27.5° | 16184.6 | 17265.4 | 16384.7 | 13987.2 | 12150.0 | 11547.4 | 11703.1 | 13751.4 | 16834.0 | 17332.2 | 16017.7 |
| 30° | 17479.0 | 18230.7 | 16745.0 | 14407.5 | 12439.1 | 11803.2 | 11996.6 | 14383.1 | 17394.4 | 18473.1 | 17383.3 |
| 32.5° | 18550.9 | 19091.4 | 17318.8 | 14928.0 | 12970.8 | 12205.7 | 12546.0 | 15150.3 | 18201.8 | 19558.5 | 18720.1 |
| 35° | 19921.0 | 20074.4 | 18032.8 | 15508.5 | 13791.5 | 12906.2 | 13328.9 | 15902.1 | 18971.3 | 20654.9 | 20036.6 |
| 37.5° | 21526.8 | 21328.8 | 18706.6 | 16302.5 | 14852.3 | 14002.7 | 14352.0 | 16727.3 | 19605.2 | 21898.2 | 21382.2 |
| 40° | 23114.8 | 22638.8 | 19551.8 | 17534.6 | 16400.3 | 15294.8 | 15708.6 | 17608.0 | 20196.8 | 23143.7 | 22696.7 |
| 42.5° | 24464.8 | 23759.7 | 20385.8 | 18889.1 | 17841.5 | 16720.6 | 17214.4 | 18495.4 | 20761.7 | 24206.7 | 23837.5 |
| 45° | 25463.4 | 24587.0 | 21179.8 | 20190.1 | 19827.6 | 18615.5 | 18849.0 | 19511.7 | 21373.3 | 25094.1 | 24776.1 |
| 47.5° | 26355.2 | 25418.8 | 22078.3 | 21502.3 | 21564.6 | 21079.7 | 20703.9 | 20695.1 | 22093.9 | 25819.3 | 25663.6 |
| 50° | 27549.5 | 26573.2 | 23043.6 | 22854.6 | 24171.2 | 23848.7 | 23019.1 | 22076.2 | 23005.7 | 26642.1 | 26624.3 |
| 52.5° | 29195.3 | 28401.4 | 24222.3 | 24311.3 | 26604.3 | 26815.6 | 25788.1 | 23735.3 | 24433.6 | 28152.3 | 28045.5 |
| 55° | 31141.4 | 30678.8 | 25828.2 | 25986.0 | 29589.0 | 29740.3 | 28719.5 | 25810.4 | 26533.2 | 30338.6 | 30042.7 |
| 57.5° | 32660.5 | 32562.6 | 27589.6 | 27996.6 | 31817.5 | 32498.1 | 31559.5 | 28212.3 | 28899.5 | 32180.0 | 31437.1 |
| 60° | 33265.4 | 33739.2 | 29464.5 | 30024.9 | 33879.2 | 34633.2 | 33810.3 | 30322.9 | 30996.9 | 32942.9 | 31341.6 |
| 62.5° | 32938.5 | 33997.1 | 31461.6 | 31415.0 | 34339.6 | 35151.4 | 34573.1 | 31497.3 | 32551.5 | 32155.5 | 29755.7 |
| 65° | 31428.3 | 33069.7 | 32620.5 | 31057.0 | 32765.0 | 32831.8 | 32644.9 | 30972.4 | 32918.4 | 29666.8 | 26691.1 |
| 67.5° | 28138.9 | 30501.0 | 31094.7 | 27987.7 | 28517.0 | 28083.4 | 27769.8 | 28098.9 | 31005.7 | 25937.0 | 22431.9 |
| 70° | 22919.0 | 26473.1 | 26757.8 | 22385.2 | 22145.1 | 21853.7 | 21228.7 | 23036.9 | 27231.4 | 21257.7 | 17799.2 |
| 72.5° | 16851.8 | 20588.2 | 21462.3 | 16418.1 | 15306.0 | 15366.1 | 14872.4 | 17361.1 | 22140.7 | 15790.9 | 13288.7 |
| 75° | 11529.6 | 14908.0 | 16791.7 | 11456.2 | 10121.8 | 10146.3 | 10084.0 | 12301.3 | 17634.7 | 10984.7 | 9943.8 |
| 77.5° | 8422.6 | 10651.0 | 12663.8 | 7701.9 | 7477.2 | 7339.4 | 7306.0 | 8607.1 | 13520.1 | 7975.5 | 7722.0 |
| 80° | 6759.0 | 7868.8 | 8507.0 | 5337.8 | 5740.4 | 5729.2 | 5544.6 | 5918.2 | 8829.6 | 5833.7 | 5775.9 |
| 82.5° | 4688.4 | 6047.3 | 6892.4 | 4183.4 | 3874.4 | 3809.9 | 3854.3 | 4408.1 | 6240.8 | 3987.8 | 3792.1 |
| 85° | 2473.2 | 4016.7 | 6825.7 | 3707.5 | 2299.7 | 1834.9 | 2281.9 | 3609.7 | 5406.7 | 2112.8 | 1850.5 |
| 87.5° | 315.9 | 1161.0 | 4519.3 | 1479.1 | 907.4 | 489.3 | 1083.1 | 2032.8 | 3471.8 | 431.5 | 375.9 |
| 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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CATALOG NUMBER: GAN-AF-10-LED-U-SLL-7030-800-ADJ

CANDELA DISTRIBUTION (continued):

| | 95° | 105° | 115° | 125° | 135° | 145° | 155° | 165° | 175° | 180° | 185° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 |
| 2.5° | 14830.1 | 14534.3 | 14147.3 | 13789.3 | 13417.8 | 13048.7 | 12566.0 | 12263.5 | 12054.5 | 12014.4 | 11925.4 |
| 5° | 14469.7 | 13486.8 | 12743.9 | 12101.1 | 11518.4 | 10695.5 | 10239.7 | 9861.5 | 9659.2 | 9639.1 | 9590.2 |
| 7.5° | 12808.5 | 11451.7 | 10448.7 | 9539.0 | 8713.9 | 8048.9 | 7315.0 | 6972.5 | 6832.3 | 6865.8 | 6899.0 |
| 10° | 11080.3 | 9563.5 | 8411.5 | 7481.7 | 6754.5 | 6194.0 | 5604.7 | 5206.5 | 4930.8 | 4875.1 | 4864.0 |
| 12.5° | 9817.1 | 8153.5 | 7034.7 | 6378.7 | 5816.0 | 5288.8 | 4663.8 | 4194.6 | 3836.5 | 3714.2 | 3631.9 |
| 15° | 9283.2 | 7463.9 | 6291.9 | 5584.7 | 4964.0 | 4294.7 | 3714.2 | 3222.7 | 2893.5 | 2786.7 | 2726.7 |
| 17.5° | 9396.8 | 7272.8 | 5780.4 | 4875.1 | 4081.2 | 3382.7 | 2651.0 | 2230.7 | 2032.8 | 1981.6 | 1981.6 |
| 20° | 9992.8 | 7237.2 | 5357.7 | 4221.2 | 3231.6 | 2422.1 | 1821.5 | 1581.3 | 1516.8 | 1510.2 | 1527.9 |
| 22.5° | 10829.0 | 7361.7 | 5042.0 | 3654.1 | 2511.0 | 1768.2 | 1419.0 | 1330.0 | 1301.1 | 1307.8 | 1327.7 |
| 25° | 12074.5 | 7782.0 | 4812.9 | 3149.3 | 1970.5 | 1447.9 | 1265.5 | 1212.1 | 1198.8 | 1216.6 | 1241.0 |
| 27.5° | 13551.2 | 8202.4 | 4670.5 | 2768.9 | 1663.6 | 1323.3 | 1203.3 | 1147.7 | 1156.5 | 1178.8 | 1201.0 |
| 30° | 14847.9 | 8547.2 | 4445.9 | 2497.6 | 1568.0 | 1330.0 | 1203.3 | 1127.5 | 1118.7 | 1123.1 | 1129.8 |
| 32.5° | 16011.1 | 8780.6 | 4183.4 | 2239.6 | 1352.2 | 1181.0 | 1123.1 | 1112.0 | 1063.1 | 1045.3 | 1047.6 |
| 35° | 17014.2 | 8780.6 | 4025.5 | 2088.4 | 1212.1 | 1047.6 | 954.2 | 898.5 | 874.1 | 876.3 | 900.8 |
| 37.5° | 17981.6 | 8604.9 | 3947.7 | 2004.0 | 1136.6 | 996.3 | 914.1 | 865.2 | 831.8 | 825.1 | 829.6 |
| 40° | 18835.6 | 8349.1 | 3858.7 | 1968.3 | 1078.7 | 965.2 | 887.4 | 847.5 | 811.8 | 800.7 | 802.8 |
| 42.5° | 19520.7 | 8142.3 | 3760.9 | 1921.6 | 1043.1 | 943.0 | 869.6 | 833.9 | 794.0 | 782.9 | 780.6 |
| 45° | 20261.2 | 8073.3 | 3631.9 | 1828.2 | 1060.9 | 945.2 | 865.2 | 827.3 | 787.3 | 774.0 | 769.5 |
| 47.5° | 21237.6 | 8289.1 | 3498.5 | 1717.0 | 1098.7 | 956.3 | 871.9 | 827.3 | 785.1 | 774.0 | 769.5 |
| 50° | 22467.5 | 8796.3 | 3329.4 | 1554.6 | 1060.9 | 987.4 | 869.6 | 820.6 | 785.1 | 774.0 | 765.1 |
| 52.5° | 24046.7 | 9481.2 | 3107.0 | 1367.8 | 1038.6 | 1063.1 | 865.2 | 807.3 | 774.0 | 758.4 | 742.9 |
| 55° | 25966.0 | 10041.7 | 2842.4 | 1214.3 | 987.4 | 1043.1 | 858.4 | 791.8 | 756.2 | 733.9 | 720.6 |
| 57.5° | 27371.6 | 10244.0 | 2502.0 | 1114.2 | 916.3 | 1009.8 | 849.6 | 771.7 | 733.9 | 716.2 | 698.3 |
| 60° | 27093.6 | 9852.7 | 2215.1 | 1051.9 | 874.1 | 911.9 | 842.9 | 754.0 | 713.9 | 700.6 | 685.0 |
| 62.5° | 24867.3 | 8829.6 | 2030.6 | 1023.1 | 847.5 | 831.8 | 849.6 | 736.2 | 696.1 | 682.8 | 678.4 |
| 65° | 21529.0 | 7319.4 | 1957.2 | 1016.4 | 825.1 | 785.1 | 789.5 | 716.2 | 676.1 | 665.0 | 660.6 |
| 67.5° | 17759.2 | 5907.1 | 1892.7 | 1038.6 | 796.2 | 751.7 | 729.6 | 689.4 | 656.1 | 644.9 | 636.1 |
| 70° | 14005.0 | 4913.0 | 1863.8 | 1025.3 | 760.7 | 718.4 | 693.9 | 660.6 | 631.6 | 620.5 | 613.8 |
| 72.5° | 11278.3 | 4150.1 | 1848.2 | 1012.0 | 713.9 | 673.9 | 651.6 | 622.8 | 591.6 | 587.2 | 580.5 |
| 75° | 9543.5 | 3262.7 | 1692.5 | 969.6 | 660.6 | 620.5 | 605.0 | 578.3 | 547.2 | 547.2 | 542.7 |
| 77.5° | 7361.7 | 2359.8 | 1407.8 | 858.4 | 605.0 | 560.5 | 547.2 | 527.0 | 491.5 | 498.2 | 495.9 |
| 80° | 5437.9 | 1539.0 | 1100.9 | 711.8 | 536.0 | 493.8 | 487.1 | 467.1 | 429.3 | 438.1 | 438.1 |
| 82.5° | 3725.3 | 1009.8 | 791.8 | 582.7 | 458.2 | 418.1 | 418.1 | 398.1 | 355.8 | 360.3 | 373.6 |
| 85° | 1870.4 | 693.9 | 591.6 | 451.5 | 355.8 | 335.9 | 335.9 | 320.2 | 277.9 | 280.2 | 298.1 |
| 87.5° | 569.4 | 418.1 | 391.4 | 322.6 | 255.7 | 251.3 | 240.2 | 229.1 | 202.3 | 200.2 | 211.3 |
| 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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CATALOG NUMBER: GAN-AF-10-LED-U-SLL-7030-800-ADJ

CANDELA DISTRIBUTION (continued):

| | 195° | 205° | 215° | 225° | 235° | 245° | 255° | 265° | 270° | 275° | 285° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 |
| 2.5° | 11789.8 | 11663.0 | 11509.6 | 11171.5 | 11058.0 | 11051.3 | 11153.7 | 11046.9 | 11251.5 | 11164.8 | 11260.5 |
| 5° | 9507.8 | 9383.3 | 9212.0 | 8780.6 | 8518.2 | 8340.3 | 8255.7 | 8006.6 | 8186.8 | 8055.5 | 8164.5 |
| 7.5° | 6992.5 | 7021.4 | 6907.9 | 6654.4 | 6082.8 | 5795.8 | 5626.9 | 5475.6 | 5606.8 | 5593.5 | 5802.6 |
| 10° | 4915.2 | 4993.0 | 4913.0 | 4657.1 | 4194.6 | 4036.7 | 4067.8 | 4128.0 | 4299.2 | 4388.1 | 4710.6 |
| 12.5° | 3538.5 | 3534.1 | 3482.8 | 3253.8 | 2949.1 | 2966.9 | 3093.6 | 3198.2 | 3356.1 | 3449.6 | 3778.7 |
| 15° | 2642.2 | 2602.1 | 2579.9 | 2393.1 | 2219.6 | 2257.4 | 2319.7 | 2330.8 | 2430.9 | 2486.5 | 2753.5 |
| 17.5° | 1997.3 | 2017.3 | 2041.7 | 1908.2 | 1777.0 | 1752.5 | 1703.7 | 1643.6 | 1672.5 | 1683.5 | 1817.1 |
| 20° | 1585.8 | 1665.8 | 1725.9 | 1632.5 | 1499.0 | 1427.8 | 1365.6 | 1325.6 | 1325.6 | 1323.3 | 1361.2 |
| 22.5° | 1385.6 | 1443.5 | 1507.9 | 1443.5 | 1323.3 | 1261.1 | 1225.5 | 1194.3 | 1189.9 | 1189.9 | 1225.5 |
| 25° | 1276.5 | 1318.9 | 1381.1 | 1336.7 | 1247.7 | 1201.0 | 1167.7 | 1127.5 | 1112.0 | 1107.6 | 1132.0 |
| 27.5° | 1223.2 | 1241.0 | 1272.3 | 1232.1 | 1156.5 | 1134.3 | 1125.4 | 1089.8 | 1069.7 | 1058.6 | 1083.1 |
| 30° | 1132.0 | 1127.5 | 1129.8 | 1089.8 | 1029.8 | 1027.5 | 1043.1 | 1049.8 | 1043.1 | 1040.9 | 1078.7 |
| 32.5° | 1047.6 | 1038.6 | 1036.5 | 1000.9 | 945.2 | 931.9 | 945.2 | 958.5 | 974.1 | 996.3 | 1040.9 |
| 35° | 940.8 | 963.0 | 976.3 | 945.2 | 878.6 | 838.4 | 822.9 | 798.4 | 785.1 | 785.1 | 836.3 |
| 37.5° | 856.3 | 907.4 | 927.4 | 898.5 | 825.1 | 769.5 | 742.9 | 738.4 | 740.7 | 749.5 | 798.4 |
| 40° | 827.3 | 865.2 | 883.0 | 854.1 | 780.6 | 729.6 | 713.9 | 709.5 | 713.9 | 727.2 | 776.2 |
| 42.5° | 809.6 | 836.3 | 833.9 | 798.4 | 738.4 | 702.7 | 693.9 | 689.4 | 693.9 | 707.2 | 760.7 |
| 45° | 794.0 | 811.8 | 794.0 | 751.7 | 696.1 | 678.4 | 680.5 | 678.4 | 682.8 | 696.1 | 747.4 |
| 47.5° | 780.6 | 787.3 | 765.1 | 722.9 | 665.0 | 660.6 | 669.4 | 676.1 | 680.5 | 691.7 | 745.0 |
| 50° | 760.7 | 760.7 | 740.7 | 696.1 | 638.3 | 640.5 | 651.6 | 667.2 | 669.4 | 682.8 | 725.1 |
| 52.5° | 736.2 | 733.9 | 720.6 | 678.4 | 616.1 | 622.8 | 622.8 | 640.5 | 644.9 | 660.6 | 705.0 |
| 55° | 716.2 | 711.8 | 705.0 | 665.0 | 596.0 | 607.2 | 600.5 | 607.2 | 618.3 | 633.8 | 682.8 |
| 57.5° | 698.3 | 689.4 | 689.4 | 653.9 | 580.5 | 585.0 | 569.4 | 578.3 | 591.6 | 605.0 | 656.1 |
| 60° | 680.5 | 671.6 | 676.1 | 638.3 | 556.0 | 551.5 | 544.8 | 562.6 | 567.2 | 582.7 | 633.8 |
| 62.5° | 660.6 | 653.9 | 656.1 | 620.5 | 538.2 | 527.0 | 527.0 | 542.7 | 544.8 | 567.2 | 616.1 |
| 65° | 644.9 | 636.1 | 633.8 | 602.7 | 518.2 | 504.9 | 511.6 | 518.2 | 522.7 | 544.8 | 591.6 |
| 67.5° | 629.5 | 611.7 | 611.7 | 587.2 | 495.9 | 482.6 | 495.9 | 493.8 | 500.4 | 520.4 | 558.2 |
| 70° | 609.4 | 585.0 | 587.2 | 576.1 | 473.7 | 458.2 | 469.3 | 467.1 | 471.5 | 484.9 | 522.7 |
| 72.5° | 578.3 | 558.2 | 562.6 | 558.2 | 451.5 | 429.3 | 433.6 | 433.6 | 433.6 | 444.8 | 484.9 |
| 75° | 538.2 | 522.7 | 536.0 | 547.2 | 424.8 | 393.7 | 398.1 | 398.1 | 391.4 | 398.1 | 447.1 |
| 77.5° | 489.3 | 480.4 | 524.9 | 509.2 | 393.7 | 355.8 | 355.8 | 351.4 | 338.0 | 347.0 | 400.3 |
| 80° | 436.0 | 429.3 | 484.9 | 426.9 | 358.1 | 309.1 | 304.8 | 293.6 | 280.2 | 287.0 | 340.3 |
| 82.5° | 380.3 | 373.6 | 407.0 | 326.9 | 309.1 | 255.7 | 244.6 | 224.6 | 211.3 | 218.0 | 266.9 |
| 85° | 311.4 | 311.4 | 313.6 | 246.9 | 235.8 | 195.7 | 182.4 | 155.7 | 140.1 | 144.5 | 191.3 |
| 87.5° | 222.5 | 229.1 | 211.3 | 169.1 | 140.1 | 108.9 | 100.1 | 84.5 | 71.1 | 82.3 | 100.1 |
| 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: P193028

CATALOG NUMBER: GAN-AF-10-LED-U-SLL-7030-800-ADJ

CANDELA DISTRIBUTION (continued):

| | 295° | 305° | 315° | 325° | 335° | 345° | 355° | 360° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 | 13669.1 |
| 2.5° | 11749.7 | 11994.4 | 12272.4 | 12628.3 | 12932.9 | 13433.4 | 13913.7 | 14202.9 |
| 5° | 8785.1 | 9192.1 | 9699.2 | 10350.7 | 10957.9 | 11869.8 | 12775.0 | 13355.6 |
| 7.5° | 6287.5 | 6723.4 | 7270.4 | 8084.5 | 8943.0 | 10106.2 | 11302.8 | 11996.6 |
| 10° | 5202.1 | 5649.1 | 6109.6 | 6659.0 | 7361.7 | 8627.1 | 10041.7 | 10824.6 |
| 12.5° | 4303.6 | 4781.7 | 5277.8 | 5856.0 | 6507.6 | 7637.4 | 9267.7 | 10168.4 |
| 15° | 3293.8 | 3827.6 | 4412.6 | 5144.3 | 5960.5 | 7266.1 | 9076.3 | 10055.0 |
| 17.5° | 2257.4 | 2853.6 | 3571.9 | 4474.8 | 5473.5 | 7145.9 | 9418.9 | 10546.6 |
| 20° | 1554.6 | 1988.3 | 2755.6 | 3814.2 | 5015.3 | 7130.4 | 10077.3 | 11489.6 |
| 22.5° | 1301.1 | 1494.5 | 2055.0 | 3207.1 | 4670.5 | 7321.7 | 11098.1 | 12812.9 |
| 25° | 1203.3 | 1318.9 | 1641.4 | 2680.0 | 4419.2 | 7762.0 | 12503.7 | 14525.4 |
| 27.5° | 1145.4 | 1249.9 | 1490.1 | 2335.3 | 4221.2 | 8273.5 | 13871.5 | 16184.6 |
| 30° | 1167.7 | 1274.4 | 1447.9 | 2159.6 | 3952.1 | 8700.6 | 15085.9 | 17479.0 |
| 32.5° | 1051.9 | 1098.7 | 1241.0 | 2004.0 | 3758.6 | 9058.6 | 16148.9 | 18550.9 |
| 35° | 896.3 | 978.6 | 1107.6 | 1930.5 | 3763.1 | 9298.8 | 17307.8 | 19921.0 |
| 37.5° | 854.1 | 936.4 | 1029.8 | 1903.9 | 3814.2 | 9554.6 | 18637.7 | 21526.8 |
| 40° | 827.3 | 902.9 | 983.0 | 1888.2 | 3863.2 | 9788.1 | 19941.0 | 23114.8 |
| 42.5° | 809.6 | 878.6 | 978.6 | 1834.9 | 3887.7 | 9997.2 | 21013.0 | 24464.8 |
| 45° | 807.3 | 878.6 | 996.3 | 1781.5 | 3925.4 | 10221.9 | 21911.5 | 25463.4 |
| 47.5° | 809.6 | 907.4 | 963.0 | 1717.0 | 3925.4 | 10597.7 | 22965.8 | 26355.2 |
| 50° | 800.7 | 956.3 | 927.4 | 1625.8 | 3834.4 | 11309.4 | 24411.4 | 27549.5 |
| 52.5° | 796.2 | 949.7 | 858.4 | 1485.7 | 3676.3 | 12439.1 | 26264.1 | 29195.3 |
| 55° | 785.1 | 916.3 | 809.6 | 1276.5 | 3491.8 | 13671.4 | 28247.9 | 31141.4 |
| 57.5° | 774.0 | 811.8 | 782.9 | 1094.2 | 3207.1 | 14538.7 | 29613.5 | 32660.5 |
| 60° | 867.4 | 709.5 | 760.7 | 1005.3 | 2826.7 | 14776.8 | 29560.1 | 33265.4 |
| 62.5° | 802.8 | 665.0 | 731.7 | 985.3 | 2560.0 | 14109.5 | 28194.6 | 32938.5 |
| 65° | 629.5 | 636.1 | 702.7 | 1043.1 | 2488.7 | 12341.4 | 25774.7 | 31428.3 |
| 67.5° | 576.1 | 607.2 | 673.9 | 1116.5 | 2495.4 | 9881.5 | 22158.5 | 28138.9 |
| 70° | 542.7 | 576.1 | 640.5 | 1154.4 | 2513.2 | 7366.2 | 17518.9 | 22919.0 |
| 72.5° | 504.9 | 533.7 | 602.7 | 1161.0 | 2397.5 | 5351.1 | 13502.4 | 16851.8 |
| 75° | 460.4 | 487.1 | 549.3 | 1012.0 | 1986.2 | 3712.0 | 10328.6 | 11529.6 |
| 77.5° | 409.1 | 429.3 | 482.6 | 780.6 | 1474.6 | 2375.3 | 7753.1 | 8422.6 |
| 80° | 349.2 | 360.3 | 404.8 | 571.5 | 1009.8 | 1485.7 | 6134.1 | 6759.0 |
| 82.5° | 280.2 | 284.7 | 313.6 | 429.3 | 656.1 | 954.2 | 4107.8 | 4688.4 |
| 85° | 198.0 | 198.0 | 215.8 | 311.4 | 447.1 | 605.0 | 2230.7 | 2473.2 |
| 87.5° | 93.4 | 95.6 | 95.6 | 171.2 | 233.5 | 306.9 | 513.7 | 315.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)