

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: P952699

Luminaire Tested: **GLAN-SB6C-722-U-T2U-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P952699  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB6C-722-U-T2U-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(6) 70 CRI, 2200K, 615mA LIGHTSQUARES WITH 26 LEDS EACH AND TYPE II U  
OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

### Summary

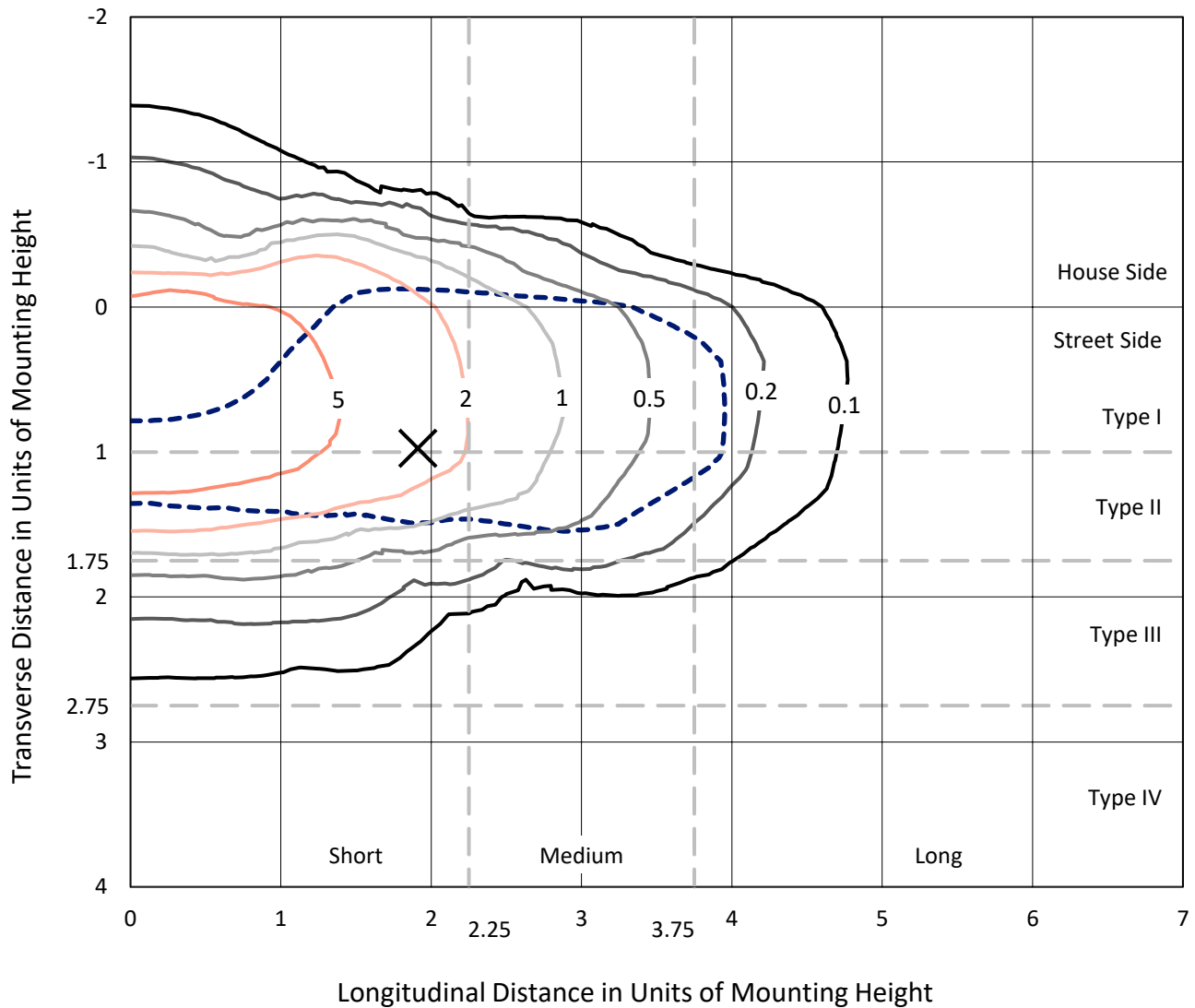
Lumens per Lamp: N/A  
Luminaire Lumens: 28671 lumens  
Efficiency: N/A  
Efficacy: 95.3 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B3 - U0 - G4  
  
Input Watts (W): 300.9  
Input Voltage (V): NR  
Input Current (Ain): NR  
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: 24 FT



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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 - - - 1/2 Max cd

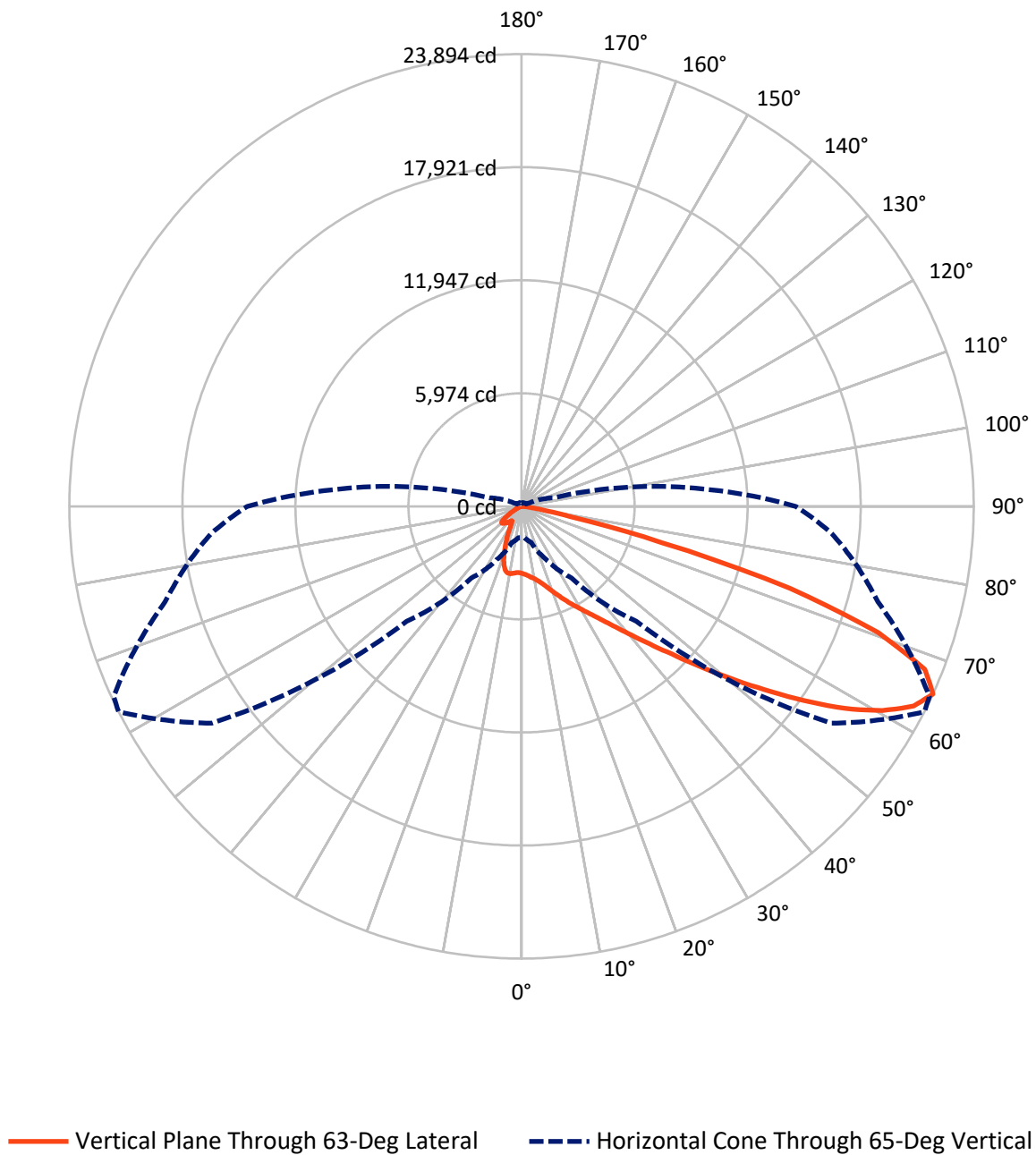


Based on 25 foot mounting height. Maximum calculated value = 9.7 fc  
 Type II - Short - N/A

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## Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 4214.4   | 0.0    | 4214.4  |
|                    | % Fixture | 14.7     | 0.0    | 14.7    |
| <b>Street Side</b> | Lumens    | 24456.6  | 0.0    | 24456.6 |
|                    | % Fixture | 85.3     | 0.0    | 85.3    |
| <b>Total</b>       | Lumens    | 28671.0  | 0.0    | 28671.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 333.4   | 1.2       |
| 10°-20°   | 925.1   | 3.2       |
| 20°-30°   | 1610.8  | 5.6       |
| 30°-40°   | 2903.2  | 10.1      |
| 40°-50°   | 5758.0  | 20.1      |
| 50°-60°   | 7843.4  | 27.4      |
| 60°-70°   | 6260.5  | 21.8      |
| 70°-80°   | 2833.0  | 9.9       |
| 80°-90°   | 203.6   | 0.7       |
| 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°    | 28671.0 | 100.0     |
| 0°-180°   | 28671.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P952699

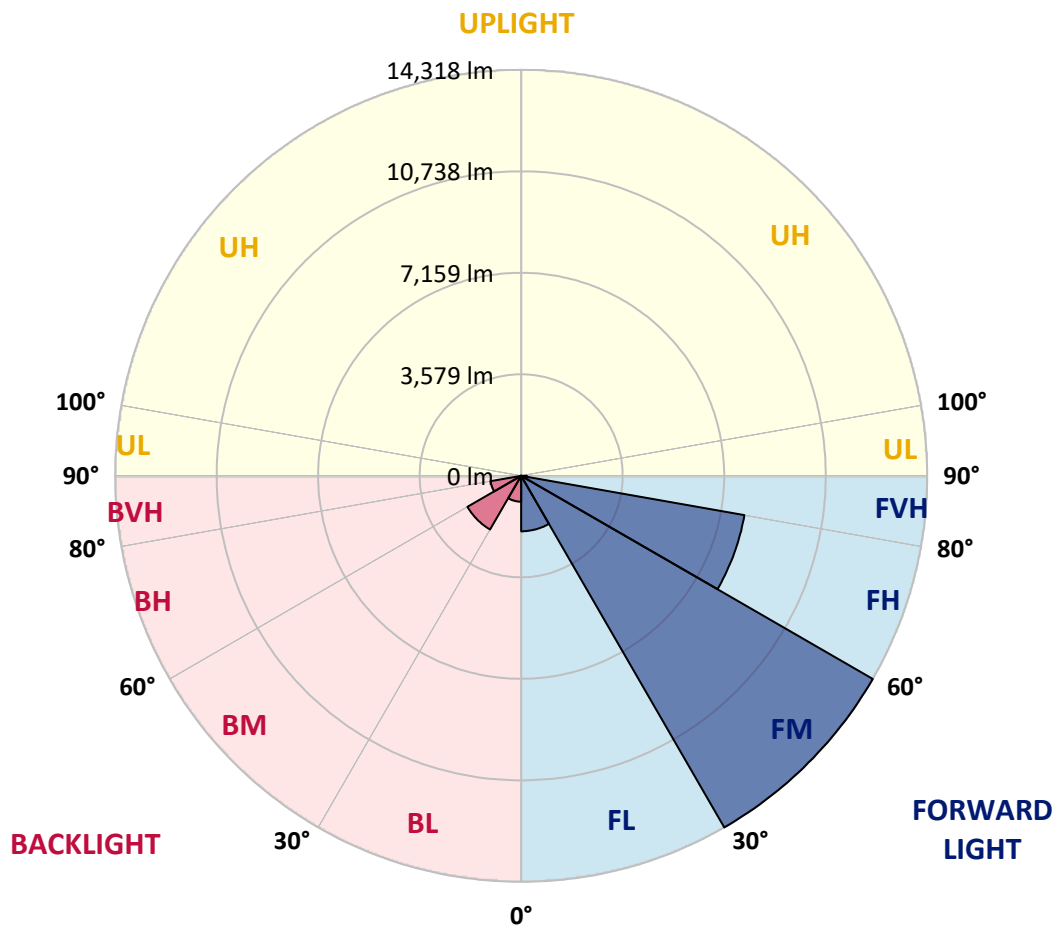
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|---------|-----------|-------------------------|------|----------|
|      |             |         |           | B                       | U    | G        |
| FL   | (0°-30°)    | 1957.1  | 6.8       |                         |      |          |
| FM   | (30°-60°)   | 14317.6 | 49.9      |                         |      |          |
| FH   | (60°-80°)   | 7993.3  | 27.9      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 188.5   | 0.7       |                         |      | G2/225   |
| BL   | (0°-30°)    | 912.1   | 3.2       | B2/1000                 |      |          |
| BM   | (30°-60°)   | 2187.0  | 7.6       | B2/2500                 |      |          |
| BH   | (60°-80°)   | 1100.2  | 3.8       | B3/2500                 |      | G3/2500  |
| BVH  | (80°-90°)   | 15.1    | 0.1       |                         |      | G1/100   |
| 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: P952699

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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 63°     | 65°     | 75°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 3538.5  | 3538.5  | 3538.5  | 3538.5  | 3538.5  | 3538.5  | 3538.5  | 3538.5  | 3538.5  | 3538.5  |
| 2.5°  | 3621.4  | 3611.5  | 3625.3  | 3619.4  | 3615.5  | 3607.6  | 3603.6  | 3599.7  | 3591.8  | 3585.9  |
| 5°    | 3631.2  | 3625.3  | 3639.1  | 3651.0  | 3662.8  | 3674.6  | 3680.6  | 3688.4  | 3680.6  | 3664.8  |
| 7.5°  | 3548.4  | 3544.5  | 3574.0  | 3609.6  | 3662.8  | 3708.2  | 3757.5  | 3785.1  | 3787.1  | 3781.2  |
| 10°   | 3542.5  | 3532.6  | 3562.2  | 3605.6  | 3674.6  | 3755.5  | 3842.3  | 3901.5  | 3909.4  | 3935.0  |
| 12.5° | 3635.2  | 3625.3  | 3666.8  | 3714.1  | 3785.1  | 3869.9  | 3976.4  | 4059.3  | 4071.1  | 4106.6  |
| 15°   | 3791.0  | 3777.2  | 3824.5  | 3885.7  | 3976.4  | 4073.1  | 4185.5  | 4260.5  | 4270.3  | 4313.7  |
| 17.5° | 3972.5  | 3958.7  | 4013.9  | 4079.0  | 4177.6  | 4309.8  | 4439.9  | 4522.8  | 4534.6  | 4562.2  |
| 20°   | 4205.2  | 4187.5  | 4230.9  | 4290.0  | 4394.6  | 4552.4  | 4708.2  | 4826.5  | 4824.6  | 4824.6  |
| 22.5° | 4475.4  | 4447.8  | 4485.3  | 4532.6  | 4631.3  | 4822.6  | 5029.7  | 5169.7  | 5169.7  | 5114.5  |
| 25°   | 4765.4  | 4737.8  | 4779.2  | 4822.6  | 4909.4  | 5126.4  | 5369.0  | 5542.5  | 5550.4  | 5455.7  |
| 27.5° | 5128.3  | 5092.8  | 5124.4  | 5175.7  | 5226.9  | 5447.9  | 5735.8  | 5937.0  | 5941.0  | 5795.0  |
| 30°   | 5826.6  | 5726.0  | 5627.3  | 5572.1  | 5595.8  | 5814.7  | 6122.4  | 6345.3  | 6365.0  | 6163.9  |
| 32.5° | 7104.7  | 7085.0  | 6737.8  | 6284.2  | 6047.5  | 6209.2  | 6554.4  | 6822.6  | 6834.5  | 6576.1  |
| 35°   | 9090.9  | 9067.3  | 8509.1  | 7645.1  | 6873.9  | 6737.8  | 7079.1  | 7396.6  | 7388.7  | 7096.8  |
| 37.5° | 11461.8 | 11440.1 | 10704.4 | 9548.5  | 8300.0  | 7536.7  | 7755.6  | 8088.9  | 8138.3  | 7755.6  |
| 40°   | 13487.5 | 13406.6 | 12941.1 | 11826.7 | 10193.5 | 8862.1  | 8718.1  | 8939.1  | 8990.3  | 8536.7  |
| 42.5° | 15022.0 | 14953.0 | 14716.3 | 14020.0 | 12485.5 | 10822.7 | 9852.3  | 9937.1  | 9994.3  | 9449.9  |
| 45°   | 15816.9 | 15801.2 | 15895.8 | 15830.7 | 14820.9 | 13229.1 | 11473.6 | 11120.6 | 11142.3 | 10461.8 |
| 47.5° | 15929.4 | 15921.5 | 16353.4 | 16964.9 | 16828.8 | 15943.2 | 13554.6 | 12596.0 | 12519.0 | 11603.8 |
| 50°   | 15266.6 | 15250.8 | 16079.3 | 17225.2 | 18170.0 | 18223.3 | 15917.5 | 14258.7 | 14089.1 | 12785.3 |
| 52.5° | 13150.2 | 13146.3 | 14507.2 | 16414.6 | 18641.5 | 20219.4 | 18252.9 | 16085.2 | 15801.2 | 14035.8 |
| 55°   | 10118.6 | 10191.6 | 11751.8 | 14006.2 | 17781.5 | 21180.0 | 20349.6 | 18112.8 | 17676.9 | 15294.2 |
| 57.5° | 7167.8  | 7274.3  | 8816.8  | 10824.7 | 15114.7 | 20611.9 | 21767.8 | 20144.4 | 19675.0 | 16548.7 |
| 60°   | 3850.2  | 3944.9  | 5489.3  | 7885.8  | 11244.8 | 18493.5 | 22515.3 | 21907.8 | 21464.0 | 17740.1 |
| 62.5° | 2293.9  | 2325.5  | 2964.6  | 5090.8  | 7605.7  | 14128.5 | 22197.8 | 23251.0 | 22886.1 | 18740.1 |
| 65°   | 1647.0  | 1652.9  | 1974.4  | 3108.6  | 4617.5  | 8584.0  | 19970.9 | 23894.0 | 23781.6 | 19493.5 |
| 67.5° | 1386.6  | 1382.7  | 1516.8  | 2065.1  | 3146.0  | 4299.9  | 15306.1 | 22984.8 | 23462.1 | 19970.9 |
| 70°   | 1189.4  | 1195.3  | 1353.1  | 1512.9  | 2364.9  | 2434.0  | 7609.6  | 20012.3 | 21030.1 | 20097.1 |
| 72.5° | 885.6   | 905.3   | 1051.3  | 1378.7  | 1785.1  | 1674.6  | 2627.3  | 14838.6 | 16678.9 | 18935.3 |
| 75°   | 625.3   | 635.1   | 739.7   | 1159.8  | 1331.4  | 1219.0  | 1341.3  | 7670.8  | 10029.8 | 14517.1 |
| 77.5° | 481.3   | 499.0   | 560.2   | 810.7   | 1311.7  | 856.0   | 820.5   | 2654.9  | 4079.0  | 8769.4  |
| 80°   | 260.4   | 291.9   | 404.3   | 585.8   | 921.1   | 605.5   | 406.3   | 1057.2  | 1382.7  | 4100.7  |
| 82.5° | 134.1   | 149.9   | 282.1   | 422.1   | 524.7   | 528.6   | 201.2   | 439.9   | 570.0   | 1266.3  |
| 85°   | 53.3    | 65.1    | 189.4   | 232.7   | 270.2   | 260.4   | 90.7    | 177.5   | 205.1   | 351.1   |
| 87.5° | 11.8    | 19.7    | 69.0    | 53.3    | 51.3    | 55.2    | 21.7    | 41.4    | 39.4    | 41.4    |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

REPORT NUMBER: P952699

CATALOG NUMBER: GLAN-SB6C-722-U-T2U-HSS

**CANDELA DISTRIBUTION (continued):**

| 85°     |       | 90°     | 95°     | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   |
|---------|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3538.5  | 0°    | 3538.5  | 3538.5  | 3538.5 | 3538.5 | 3538.5 | 3538.5 | 3538.5 | 3538.5 | 3538.5 | 3538.5 |
| 3562.2  | 2.5°  | 3560.2  | 3552.4  | 3530.7 | 3507.0 | 3479.4 | 3463.6 | 3453.7 | 3451.8 | 3437.9 | 3428.1 |
| 3641.1  | 5°    | 3619.4  | 3611.5  | 3570.1 | 3520.8 | 3467.5 | 3426.1 | 3386.7 | 3351.2 | 3299.9 | 3290.0 |
| 3755.5  | 7.5°  | 3737.8  | 3716.1  | 3649.0 | 3581.9 | 3481.3 | 3361.0 | 3215.1 | 3047.4 | 2897.5 | 2852.1 |
| 3907.4  | 10°   | 3883.7  | 3854.1  | 3769.3 | 3651.0 | 3428.1 | 3100.7 | 2747.6 | 2420.2 | 2159.8 | 2086.8 |
| 4086.9  | 12.5° | 4049.4  | 4023.8  | 3911.3 | 3692.4 | 3205.2 | 2611.5 | 2071.1 | 1664.7 | 1412.3 | 1349.1 |
| 4278.2  | 15°   | 4246.6  | 4209.2  | 4053.3 | 3629.3 | 2806.8 | 1984.3 | 1422.1 | 1181.5 | 1090.8 | 1078.9 |
| 4497.1  | 17.5° | 4455.7  | 4394.6  | 4179.6 | 3402.4 | 2270.3 | 1410.3 | 1098.6 | 1029.6 | 990.2  | 978.3  |
| 4718.1  | 20°   | 4647.0  | 4568.2  | 4254.5 | 3059.2 | 1696.3 | 1098.6 | 984.2  | 938.9  | 903.4  | 889.6  |
| 4939.0  | 22.5° | 4838.4  | 4725.9  | 4254.5 | 2591.8 | 1272.2 | 974.4  | 903.4  | 862.0  | 820.5  | 802.8  |
| 5175.7  | 25°   | 5037.6  | 4887.7  | 4179.6 | 2071.1 | 1023.7 | 893.5  | 826.4  | 781.1  | 745.6  | 723.9  |
| 5400.5  | 27.5° | 5230.9  | 5023.8  | 4008.0 | 1577.9 | 911.3  | 822.5  | 755.4  | 712.0  | 678.5  | 662.7  |
| 5645.1  | 30°   | 5414.3  | 5157.9  | 3767.3 | 1197.3 | 838.3  | 753.5  | 690.4  | 652.9  | 619.3  | 603.6  |
| 5962.7  | 32.5° | 5662.9  | 5327.5  | 3510.9 | 982.3  | 775.2  | 688.4  | 631.2  | 595.7  | 566.1  | 554.3  |
| 6374.9  | 35°   | 6008.0  | 5578.0  | 3290.0 | 964.5  | 721.9  | 635.1  | 577.9  | 544.4  | 514.8  | 504.9  |
| 6907.5  | 37.5° | 6497.2  | 5982.4  | 3173.6 | 1082.9 | 678.5  | 587.8  | 534.5  | 499.0  | 471.4  | 463.5  |
| 7584.0  | 40°   | 7100.8  | 6530.7  | 3236.8 | 1201.2 | 648.9  | 546.4  | 495.1  | 459.6  | 435.9  | 426.0  |
| 8361.1  | 42.5° | 7816.7  | 7207.3  | 3585.9 | 1291.9 | 629.2  | 510.9  | 457.6  | 418.2  | 402.4  | 398.4  |
| 9242.8  | 45°   | 8639.3  | 7950.9  | 4120.4 | 1388.6 | 597.6  | 477.3  | 420.1  | 390.5  | 378.7  | 376.7  |
| 10201.4 | 47.5° | 9574.2  | 8767.5  | 4739.8 | 1508.9 | 566.1  | 445.8  | 390.5  | 370.8  | 361.0  | 357.0  |
| 11201.4 | 50°   | 10501.2 | 9590.0  | 5376.8 | 1576.0 | 540.4  | 416.2  | 366.9  | 351.1  | 343.2  | 341.2  |
| 12258.7 | 52.5° | 11471.7 | 10436.1 | 5891.7 | 1512.9 | 518.7  | 392.5  | 347.1  | 335.3  | 327.4  | 325.5  |
| 13233.0 | 55°   | 12396.7 | 11120.6 | 5980.4 | 1284.1 | 475.4  | 368.8  | 325.5  | 319.5  | 309.7  | 309.7  |
| 14221.2 | 57.5° | 13193.6 | 11463.8 | 5353.2 | 942.8  | 432.0  | 333.3  | 303.8  | 297.8  | 289.9  | 288.0  |
| 15112.8 | 60°   | 13925.4 | 11365.2 | 4132.2 | 635.1  | 384.6  | 297.8  | 276.1  | 272.2  | 264.3  | 254.4  |
| 15887.9 | 62.5° | 14337.6 | 10931.2 | 2826.5 | 414.2  | 337.3  | 260.4  | 244.6  | 242.6  | 224.9  | 205.1  |
| 16461.9 | 65°   | 14493.4 | 10039.7 | 1763.4 | 301.8  | 282.1  | 222.9  | 211.1  | 207.1  | 181.5  | 159.8  |
| 16787.4 | 67.5° | 14357.3 | 8572.2  | 889.6  | 238.7  | 222.9  | 185.4  | 173.6  | 173.6  | 155.8  | 136.1  |
| 16767.6 | 70°   | 13812.9 | 6426.2  | 374.8  | 191.3  | 171.6  | 142.0  | 142.0  | 149.9  | 132.2  | 110.5  |
| 15897.8 | 72.5° | 12631.5 | 4323.6  | 199.2  | 146.0  | 128.2  | 100.6  | 116.4  | 122.3  | 104.5  | 82.8   |
| 13012.1 | 75°   | 10041.7 | 2637.1  | 138.1  | 108.5  | 80.9   | 71.0   | 88.8   | 92.7   | 71.0   | 55.2   |
| 8921.3  | 77.5° | 6868.0  | 1514.8  | 92.7   | 69.0   | 51.3   | 41.4   | 61.1   | 57.2   | 37.5   | 25.6   |
| 3439.9  | 80°   | 3015.8  | 631.2   | 53.3   | 31.6   | 19.7   | 15.8   | 21.7   | 15.8   | 11.8   | 7.9    |
| 471.4   | 82.5° | 353.1   | 147.9   | 19.7   | 11.8   | 7.9    | 3.9    | 2.0    | 0.0    | 0.0    | 0.0    |
| 144.0   | 85°   | 73.0    | 17.8    | 9.9    | 3.9    | 2.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 25.6    | 87.5° | 13.8    | 3.9     | 2.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 0.0     | 90°   | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

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| 180°   |
|--------|
| 3538.5 |
| 3437.9 |
| 3286.1 |
| 2830.4 |
| 2059.2 |
| 1331.4 |
| 1067.1 |
| 972.4  |
| 881.7  |
| 792.9  |
| 716.0  |
| 662.7  |
| 605.5  |
| 554.3  |
| 504.9  |
| 461.5  |
| 424.1  |
| 398.4  |
| 374.8  |
| 357.0  |
| 341.2  |
| 325.5  |
| 307.7  |
| 286.0  |
| 252.5  |
| 201.2  |
| 157.8  |
| 134.1  |
| 108.5  |
| 82.8   |
| 53.3   |
| 27.6   |
| 7.9    |
| 0.0    |
| 0.0    |
| 0.0    |
| 0.0    |

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