

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: P320580

Luminaire Tested: **GLEON-SA6D-727-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320580
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GLEON-SA6D-727-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(6) 70 CRI, 2700K, 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: 34105 lumens
Efficiency: N/A
Efficacy: 89.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B3 - U0 - G5

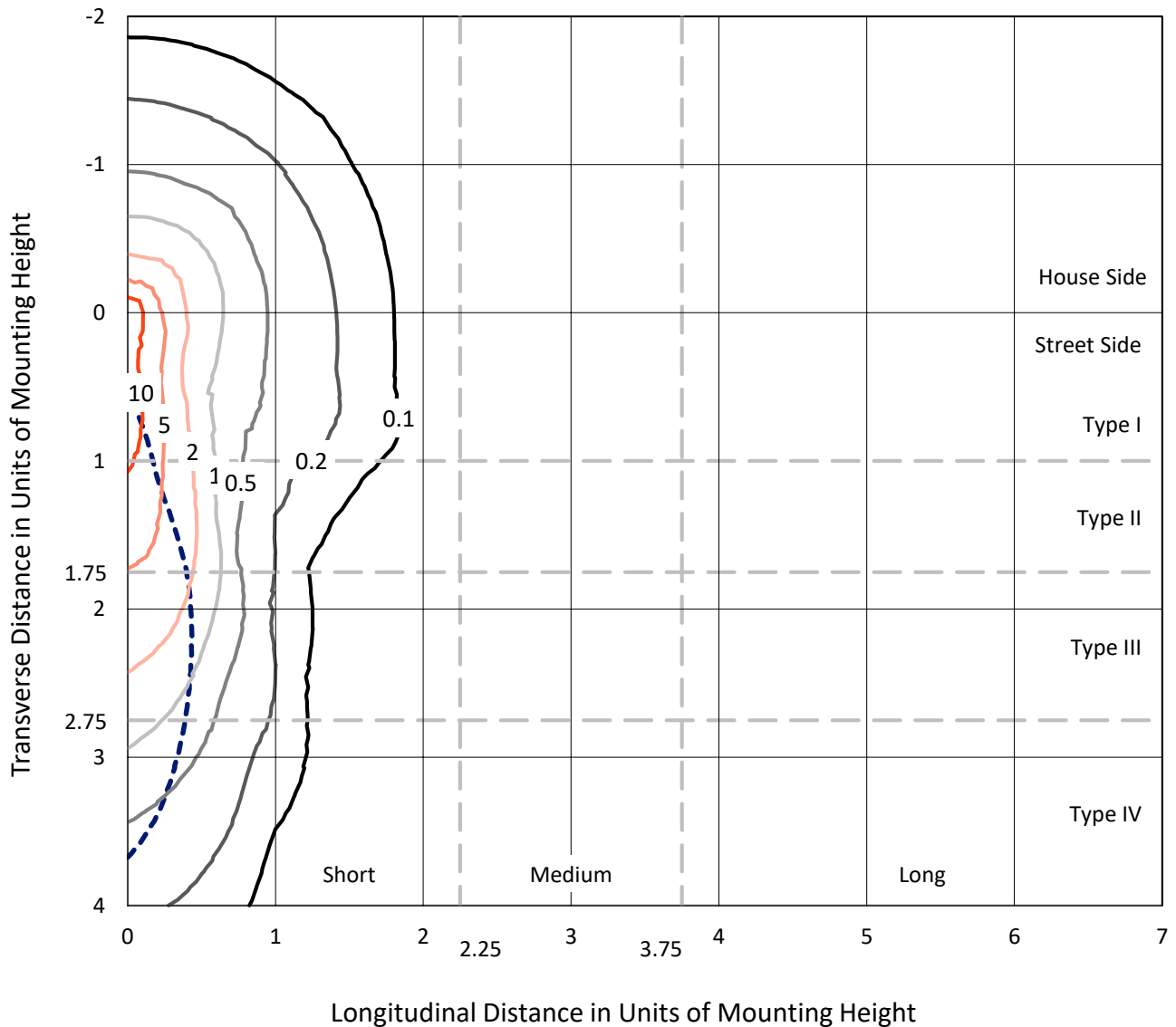
Input Watts (W): 382
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P320580
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Iso-Footcandle Lines of Horizontal Illumination

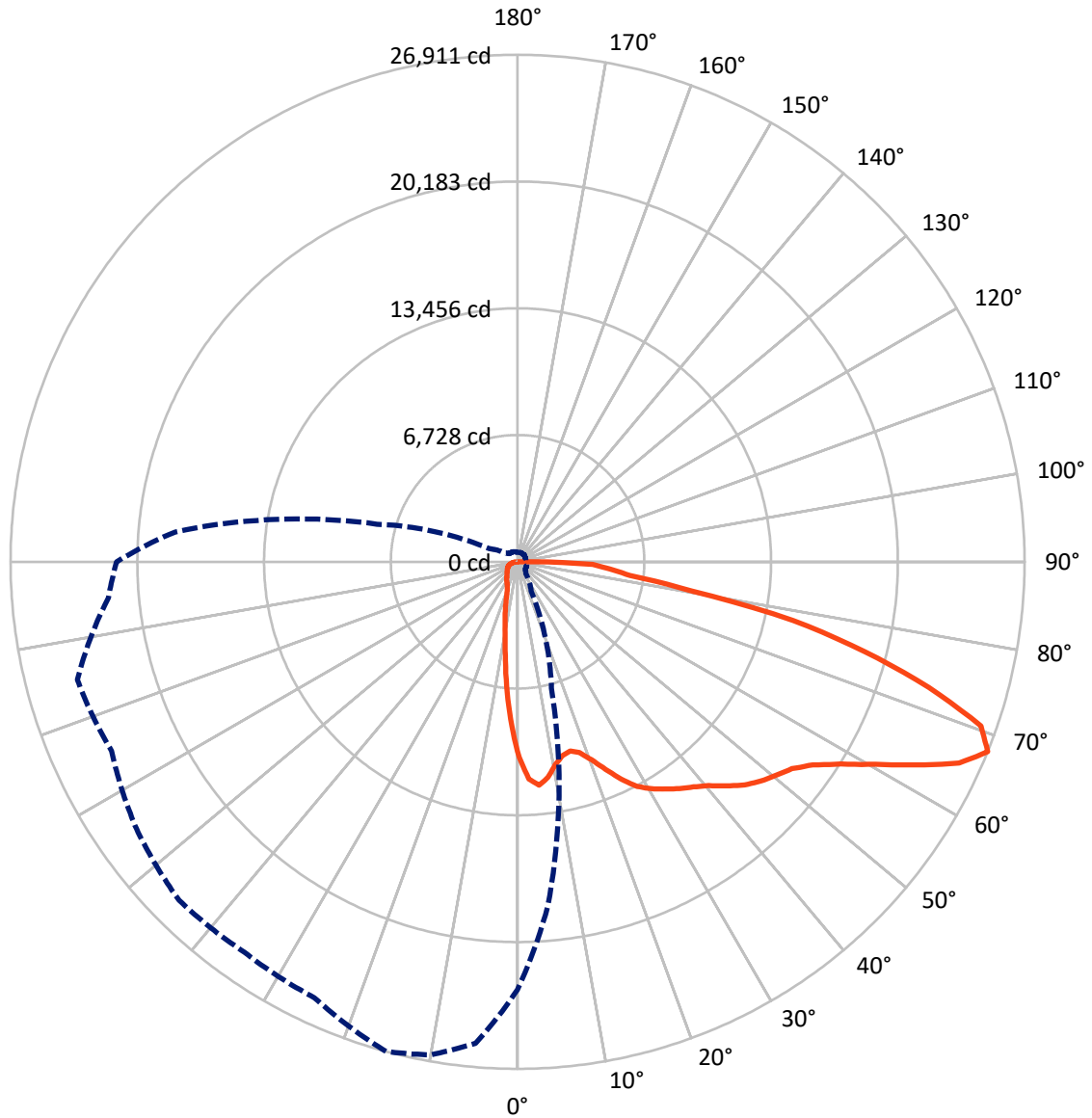
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 16.6 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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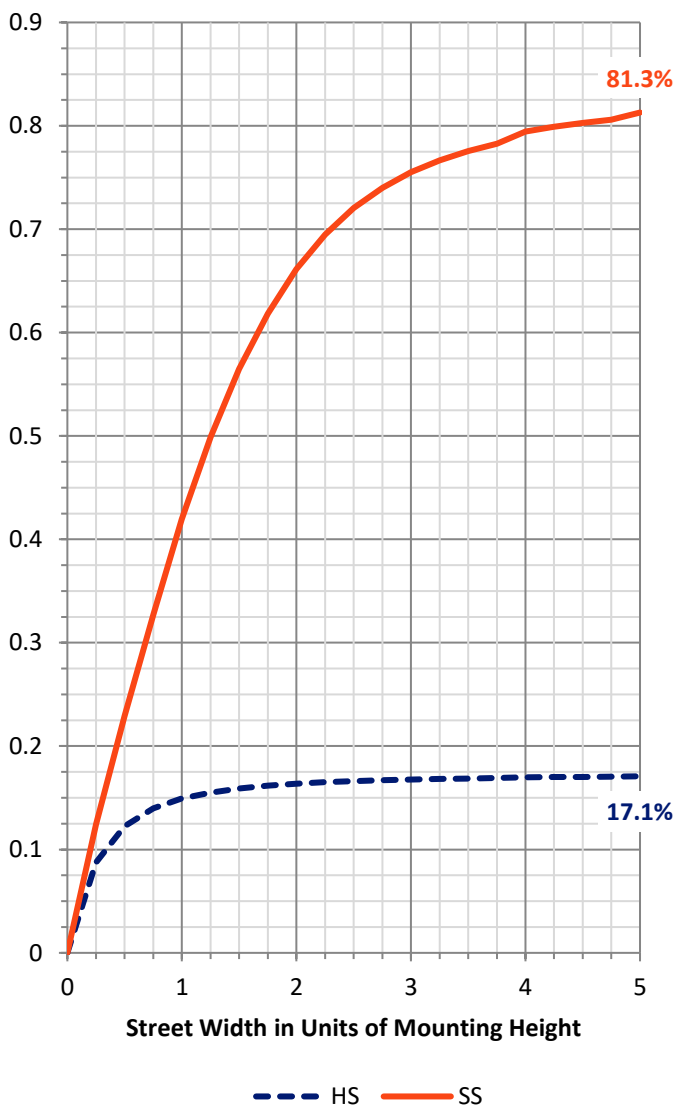
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 5896.0 | 0.0 | 5896.0 |
| | % Fixture | 17.3 | 0.0 | 17.3 |
| Street Side | Lumens | 28209.0 | 0.0 | 28209.0 |
| | % Fixture | 82.7 | 0.0 | 82.7 |
| Total | Lumens | 34105.0 | 0.0 | 34105.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 801.9 | 2.4 |
| 10°-20° | 1665.9 | 4.9 |
| 20°-30° | 2369.2 | 6.9 |
| 30°-40° | 3414.0 | 10.0 |
| 40°-50° | 4811.3 | 14.1 |
| 50°-60° | 6688.6 | 19.6 |
| 60°-70° | 8088.5 | 23.7 |
| 70°-80° | 4971.9 | 14.6 |
| 80°-90° | 1293.7 | 3.8 |
| 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° | 34105.0 | 100.0 |
| 0°-180° | 34105.0 | 100.0 |

Coefficient of Utilization

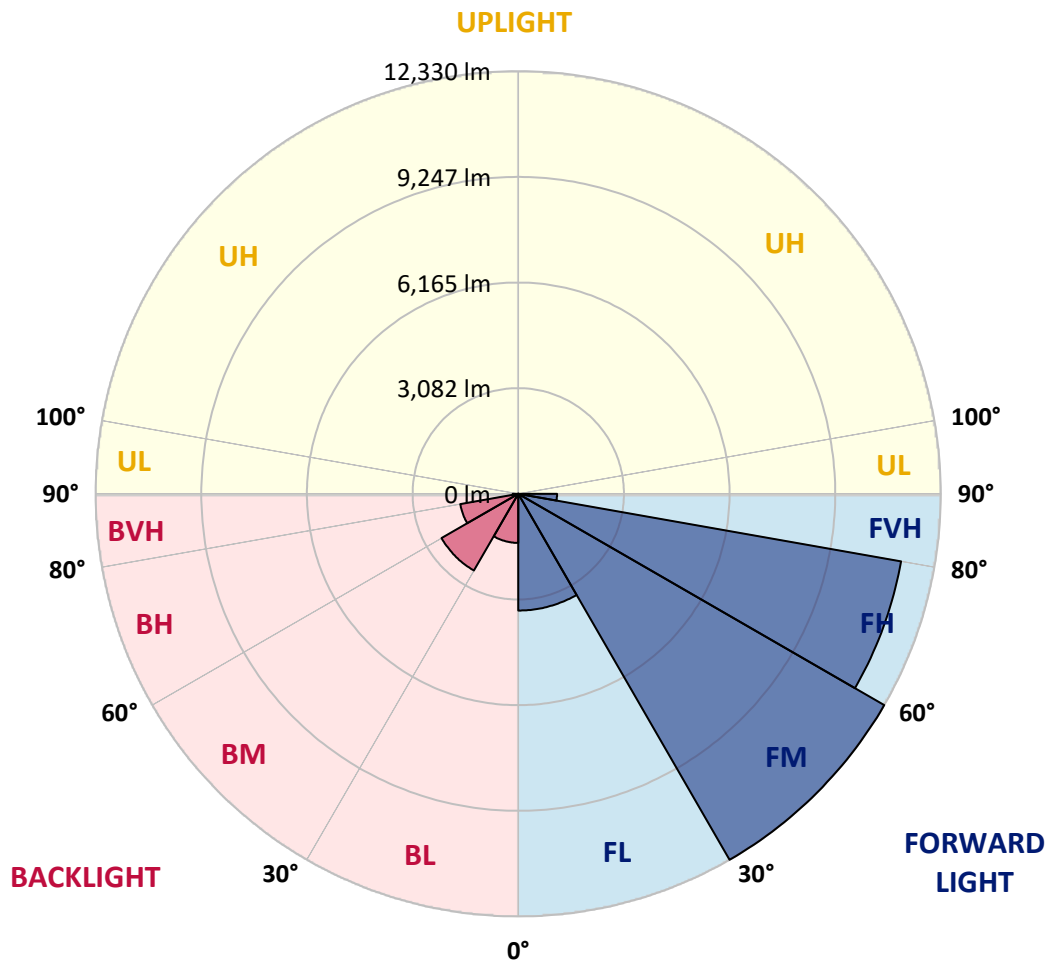


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|----------|
| | | | B | U | G |
| FL (0°-30°) | 3405.5 | 10.0 | | | |
| FM (30°-60°) | 12329.8 | 36.2 | | | |
| FH (60°-80°) | 11342.2 | 33.3 | | | G4/12000 |
| FVH (80°-90°) | 1131.5 | 3.3 | | | G5 |
| BL (0°-30°) | 1431.5 | 4.2 | B3/2500 | | |
| BM (30°-60°) | 2584.1 | 7.6 | B3/5000 | | |
| BH (60°-80°) | 1718.2 | 5.0 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 162.2 | 0.5 | | | G2/225 |
| 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 Medium





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 |
| 2.5° | 11130.7 | 11032.6 | 10883.9 | 10735.3 | 10624.9 | 10513.0 | 10386.2 | 10259.4 | 10114.9 | 9969.0 | 9883.1 |
| 5° | 10946.7 | 10673.9 | 10319.4 | 9964.9 | 9730.4 | 9495.8 | 9229.9 | 8964.0 | 8700.9 | 8437.7 | 8295.9 |
| 7.5° | 10117.6 | 9708.5 | 9247.7 | 8786.8 | 8445.9 | 8103.6 | 7735.5 | 7365.9 | 7038.7 | 6710.1 | 6506.9 |
| 10° | 9302.2 | 8811.3 | 8282.3 | 7751.8 | 7315.5 | 6879.2 | 6509.6 | 6138.7 | 5891.9 | 5645.1 | 5458.3 |
| 12.5° | 8717.2 | 8173.2 | 7590.9 | 7007.3 | 6571.0 | 6134.7 | 5900.1 | 5665.6 | 5461.1 | 5256.5 | 5041.1 |
| 15° | 8485.4 | 7870.5 | 7274.6 | 6677.4 | 6280.6 | 5883.8 | 5623.3 | 5361.5 | 5087.4 | 4812.0 | 4547.5 |
| 17.5° | 8690.0 | 7970.0 | 7322.3 | 6674.6 | 6155.1 | 5635.6 | 5271.5 | 4906.1 | 4544.7 | 4183.4 | 3876.6 |
| 20° | 9328.1 | 8409.1 | 7562.3 | 6714.2 | 6022.8 | 5331.5 | 4843.4 | 4353.8 | 3890.2 | 3426.6 | 3078.9 |
| 22.5° | 10224.0 | 9007.7 | 7901.8 | 6796.0 | 5902.8 | 5008.4 | 4396.1 | 3782.5 | 3234.4 | 2686.2 | 2345.3 |
| 25° | 11312.1 | 9801.3 | 8391.3 | 6980.1 | 5853.8 | 4726.1 | 3973.4 | 3220.7 | 2642.6 | 2063.1 | 1820.4 |
| 27.5° | 12458.8 | 10747.6 | 8999.5 | 7250.0 | 5861.9 | 4473.8 | 3617.5 | 2759.8 | 2239.0 | 1718.1 | 1551.7 |
| 30° | 13414.7 | 11828.9 | 9708.5 | 7586.8 | 5893.3 | 4199.8 | 3282.1 | 2364.4 | 1934.9 | 1505.4 | 1397.6 |
| 32.5° | 14288.7 | 12582.9 | 10243.1 | 7901.8 | 5928.8 | 3954.3 | 3023.0 | 2090.3 | 1739.9 | 1388.1 | 1299.5 |
| 35° | 15191.4 | 13252.4 | 10616.7 | 7979.6 | 5867.4 | 3753.9 | 2845.7 | 1937.6 | 1614.5 | 1289.9 | 1214.9 |
| 37.5° | 16185.5 | 13976.5 | 10976.7 | 7975.5 | 5763.8 | 3552.1 | 2708.0 | 1862.6 | 1532.6 | 1201.3 | 1146.8 |
| 40° | 17294.0 | 14776.9 | 11366.6 | 7956.4 | 5669.7 | 3381.6 | 2605.8 | 1828.5 | 1487.6 | 1145.4 | 1099.0 |
| 42.5° | 18378.1 | 15540.5 | 11729.3 | 7918.2 | 5593.3 | 3267.1 | 2504.9 | 1742.6 | 1446.7 | 1149.5 | 1084.0 |
| 45° | 19192.1 | 16207.3 | 12044.3 | 7880.0 | 5536.1 | 3192.1 | 2425.8 | 1659.5 | 1408.6 | 1157.7 | 1074.5 |
| 47.5° | 19809.8 | 16876.8 | 12393.4 | 7908.6 | 5530.6 | 3152.5 | 2369.9 | 1587.2 | 1336.3 | 1084.0 | 1049.9 |
| 50° | 20595.2 | 17681.3 | 12902.0 | 8122.7 | 5605.6 | 3088.5 | 2304.4 | 1519.0 | 1266.7 | 1014.5 | 1060.8 |
| 52.5° | 21572.9 | 18829.4 | 13690.1 | 8549.5 | 5762.4 | 2975.3 | 2200.8 | 1426.3 | 1182.2 | 936.8 | 1009.0 |
| 55° | 23008.7 | 20300.7 | 14697.8 | 9093.6 | 5951.9 | 2808.9 | 2044.0 | 1277.7 | 1070.4 | 861.8 | 925.9 |
| 57.5° | 24297.3 | 21787.0 | 15664.6 | 9540.8 | 6070.6 | 2598.9 | 1846.3 | 1093.6 | 944.9 | 796.3 | 833.1 |
| 60° | 24871.3 | 22553.3 | 16117.3 | 9679.9 | 5999.7 | 2319.4 | 1624.0 | 927.2 | 834.5 | 741.8 | 735.0 |
| 62.5° | 24647.7 | 22066.5 | 15671.4 | 9276.3 | 5653.3 | 2030.3 | 1427.6 | 825.0 | 755.4 | 684.5 | 669.5 |
| 65° | 23993.2 | 20536.6 | 14422.4 | 8308.2 | 5068.4 | 1828.5 | 1303.6 | 778.6 | 700.9 | 623.1 | 606.8 |
| 67.5° | 22703.3 | 18359.0 | 12652.5 | 6946.0 | 4325.2 | 1704.4 | 1232.7 | 760.9 | 666.8 | 571.3 | 552.2 |
| 70° | 20387.9 | 15738.2 | 10613.9 | 5488.3 | 3558.9 | 1628.1 | 1186.3 | 744.5 | 630.0 | 514.1 | 496.3 |
| 72.5° | 16745.9 | 12618.4 | 8475.9 | 4332.0 | 2975.3 | 1618.5 | 1180.8 | 743.1 | 600.0 | 456.8 | 440.4 |
| 75° | 11989.8 | 9584.5 | 6470.1 | 3354.4 | 2436.7 | 1519.0 | 1120.8 | 722.7 | 559.1 | 394.1 | 379.1 |
| 77.5° | 8068.2 | 6633.7 | 4497.0 | 2359.0 | 1808.1 | 1257.2 | 942.2 | 627.2 | 478.6 | 330.0 | 315.0 |
| 80° | 5181.5 | 4591.1 | 3013.5 | 1435.8 | 1172.7 | 909.5 | 673.6 | 437.7 | 349.1 | 259.1 | 246.8 |
| 82.5° | 3801.6 | 3417.1 | 2094.4 | 771.8 | 651.8 | 530.4 | 411.8 | 293.2 | 238.6 | 184.1 | 178.6 |
| 85° | 2416.2 | 2664.4 | 1542.2 | 420.0 | 343.6 | 267.3 | 220.9 | 174.5 | 137.7 | 100.9 | 100.9 |
| 87.5° | 469.1 | 649.1 | 426.8 | 203.2 | 148.6 | 94.1 | 80.5 | 65.5 | 36.8 | 6.8 | 8.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 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: GLEON-SA6D-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 |
| 2.5° | 9795.8 | 9701.7 | 9607.6 | 9501.3 | 9393.6 | 9294.0 | 9193.1 | 9082.7 | 9103.1 | 9018.6 | 8934.0 |
| 5° | 8154.1 | 8004.1 | 7852.7 | 7721.8 | 7590.9 | 7477.8 | 7363.2 | 7261.0 | 7349.6 | 7289.6 | 7229.6 |
| 7.5° | 6302.4 | 6116.9 | 5930.1 | 5773.3 | 5616.5 | 5495.1 | 5372.4 | 5287.9 | 5375.2 | 5364.2 | 5353.3 |
| 10° | 5271.5 | 5091.5 | 4910.2 | 4737.0 | 4563.8 | 4416.6 | 4267.9 | 4142.5 | 4120.7 | 4058.0 | 3993.9 |
| 12.5° | 4824.3 | 4577.5 | 4329.3 | 4147.9 | 3966.6 | 3790.7 | 3614.8 | 3467.5 | 3400.7 | 3297.1 | 3192.1 |
| 15° | 4282.9 | 3991.1 | 3699.3 | 3493.4 | 3286.2 | 3115.7 | 2943.9 | 2817.1 | 2774.8 | 2694.4 | 2613.9 |
| 17.5° | 3569.8 | 3250.7 | 2931.7 | 2723.0 | 2513.0 | 2376.7 | 2239.0 | 2154.4 | 2154.4 | 2131.2 | 2108.1 |
| 20° | 2731.2 | 2446.2 | 2161.2 | 2001.7 | 1842.2 | 1769.9 | 1696.3 | 1660.8 | 1671.7 | 1673.1 | 1673.1 |
| 22.5° | 2003.1 | 1828.5 | 1654.0 | 1589.9 | 1524.5 | 1498.6 | 1472.6 | 1457.6 | 1463.1 | 1464.5 | 1465.8 |
| 25° | 1577.6 | 1510.8 | 1442.6 | 1409.9 | 1375.8 | 1359.5 | 1343.1 | 1337.7 | 1349.9 | 1351.3 | 1351.3 |
| 27.5° | 1385.4 | 1344.5 | 1302.2 | 1281.7 | 1259.9 | 1253.1 | 1246.3 | 1236.7 | 1249.0 | 1249.0 | 1247.7 |
| 30° | 1288.6 | 1244.9 | 1201.3 | 1175.4 | 1149.5 | 1152.2 | 1153.6 | 1150.8 | 1159.0 | 1164.5 | 1168.6 |
| 32.5° | 1209.5 | 1167.2 | 1124.9 | 1099.0 | 1071.8 | 1067.7 | 1063.6 | 1060.8 | 1078.6 | 1088.1 | 1097.7 |
| 35° | 1138.6 | 1092.2 | 1045.9 | 1021.3 | 996.8 | 987.2 | 977.7 | 970.9 | 987.2 | 999.5 | 1011.8 |
| 37.5° | 1090.8 | 1043.1 | 994.0 | 970.9 | 946.3 | 934.0 | 921.8 | 913.6 | 920.4 | 925.9 | 931.3 |
| 40° | 1052.7 | 1003.6 | 953.1 | 925.9 | 898.6 | 886.3 | 874.0 | 867.2 | 871.3 | 872.7 | 874.0 |
| 42.5° | 1017.2 | 969.5 | 921.8 | 891.8 | 860.4 | 845.4 | 830.4 | 822.2 | 825.0 | 827.7 | 829.0 |
| 45° | 991.3 | 943.6 | 894.5 | 859.0 | 822.2 | 805.9 | 789.5 | 780.0 | 781.3 | 781.3 | 781.3 |
| 47.5° | 1015.9 | 946.3 | 875.4 | 834.5 | 792.2 | 773.1 | 754.0 | 744.5 | 741.8 | 739.0 | 736.3 |
| 50° | 1105.8 | 987.2 | 867.2 | 815.4 | 762.2 | 741.8 | 720.0 | 709.1 | 702.2 | 699.5 | 696.8 |
| 52.5° | 1079.9 | 977.7 | 874.0 | 807.2 | 739.0 | 714.5 | 690.0 | 672.2 | 665.4 | 661.3 | 657.2 |
| 55° | 988.6 | 924.5 | 859.0 | 778.6 | 698.1 | 676.3 | 653.1 | 640.9 | 628.6 | 625.9 | 623.1 |
| 57.5° | 868.6 | 842.7 | 816.8 | 735.0 | 653.1 | 632.7 | 610.9 | 602.7 | 591.8 | 591.8 | 590.4 |
| 60° | 726.8 | 765.0 | 803.1 | 709.1 | 613.6 | 590.4 | 567.2 | 560.4 | 556.3 | 555.0 | 553.6 |
| 62.5° | 653.1 | 715.9 | 777.2 | 677.7 | 576.8 | 552.2 | 527.7 | 519.5 | 518.2 | 519.5 | 519.5 |
| 65° | 590.4 | 609.5 | 628.6 | 582.2 | 535.9 | 511.3 | 485.4 | 477.2 | 480.0 | 484.1 | 488.2 |
| 67.5° | 533.2 | 529.1 | 525.0 | 508.6 | 490.9 | 470.4 | 448.6 | 440.4 | 441.8 | 447.2 | 452.7 |
| 70° | 478.6 | 473.2 | 466.3 | 454.1 | 441.8 | 424.1 | 406.3 | 400.9 | 399.5 | 406.3 | 411.8 |
| 72.5° | 424.1 | 417.2 | 409.1 | 399.5 | 388.6 | 373.6 | 358.6 | 354.5 | 355.9 | 360.0 | 364.1 |
| 75° | 364.1 | 358.6 | 351.8 | 343.6 | 334.1 | 320.4 | 306.8 | 304.1 | 306.8 | 310.9 | 315.0 |
| 77.5° | 298.6 | 297.3 | 294.5 | 287.7 | 280.9 | 265.9 | 249.5 | 248.2 | 252.3 | 256.3 | 259.1 |
| 80° | 233.2 | 234.5 | 235.9 | 230.4 | 225.0 | 208.6 | 190.9 | 189.5 | 193.6 | 197.7 | 201.8 |
| 82.5° | 171.8 | 175.9 | 178.6 | 171.8 | 165.0 | 145.9 | 126.8 | 124.1 | 137.7 | 141.8 | 145.9 |
| 85° | 99.5 | 105.0 | 110.4 | 105.0 | 99.5 | 80.5 | 61.4 | 60.0 | 72.3 | 79.1 | 85.9 |
| 87.5° | 8.2 | 10.9 | 13.6 | 12.3 | 10.9 | 5.5 | 0.0 | 0.0 | 1.4 | 6.8 | 12.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P320580
 CATALOG NUMBER: GLEON-SA6D-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P320580
 CATALOG NUMBER: GLEON-SA6D-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 |
| 2.5° | 8880.9 | 8827.7 | 8811.3 | 8795.0 | 8735.0 | 8673.6 | 8736.3 | 8797.7 | 8823.6 | 8849.5 | 8782.7 |
| 5° | 7221.4 | 7211.9 | 7211.9 | 7210.5 | 7156.0 | 7100.1 | 7142.3 | 7183.2 | 7091.9 | 7000.5 | 6991.0 |
| 7.5° | 5412.0 | 5470.6 | 5518.3 | 5564.7 | 5547.0 | 5529.2 | 5568.8 | 5608.3 | 5492.4 | 5375.2 | 5317.9 |
| 10° | 4007.5 | 4019.8 | 4071.6 | 4123.4 | 4135.7 | 4146.6 | 4195.7 | 4243.4 | 4153.4 | 4063.4 | 4023.9 |
| 12.5° | 3126.6 | 3061.2 | 3068.0 | 3073.5 | 3098.0 | 3121.2 | 3173.0 | 3223.5 | 3186.6 | 3148.5 | 3152.5 |
| 15° | 2532.1 | 2449.0 | 2414.9 | 2379.4 | 2406.7 | 2434.0 | 2470.8 | 2506.2 | 2507.6 | 2507.6 | 2543.0 |
| 17.5° | 2067.2 | 2024.9 | 1990.8 | 1955.3 | 1992.2 | 2027.6 | 2031.7 | 2035.8 | 2037.2 | 2038.5 | 2035.8 |
| 20° | 1693.5 | 1714.0 | 1703.1 | 1692.2 | 1705.8 | 1718.1 | 1729.0 | 1738.5 | 1726.3 | 1712.6 | 1678.5 |
| 22.5° | 1484.9 | 1502.6 | 1516.3 | 1528.6 | 1551.7 | 1573.5 | 1562.6 | 1550.4 | 1525.8 | 1499.9 | 1474.0 |
| 25° | 1363.6 | 1375.8 | 1389.5 | 1403.1 | 1422.2 | 1439.9 | 1420.8 | 1401.7 | 1384.0 | 1366.3 | 1348.6 |
| 27.5° | 1261.3 | 1273.6 | 1285.8 | 1296.7 | 1314.5 | 1330.8 | 1313.1 | 1295.4 | 1280.4 | 1265.4 | 1251.7 |
| 30° | 1178.1 | 1186.3 | 1195.8 | 1205.4 | 1221.7 | 1236.7 | 1221.7 | 1205.4 | 1194.5 | 1182.2 | 1172.7 |
| 32.5° | 1107.2 | 1115.4 | 1119.5 | 1123.6 | 1138.6 | 1153.6 | 1142.7 | 1131.8 | 1122.2 | 1112.7 | 1105.8 |
| 35° | 1029.5 | 1045.9 | 1048.6 | 1051.3 | 1066.3 | 1081.3 | 1074.5 | 1066.3 | 1055.4 | 1044.5 | 1032.2 |
| 37.5° | 950.4 | 969.5 | 980.4 | 989.9 | 1004.9 | 1019.9 | 1013.1 | 1006.3 | 991.3 | 976.3 | 954.5 |
| 40° | 883.6 | 891.8 | 912.2 | 931.3 | 955.9 | 979.0 | 965.4 | 950.4 | 927.2 | 904.0 | 893.1 |
| 42.5° | 827.7 | 826.3 | 845.4 | 864.5 | 901.3 | 936.8 | 912.2 | 887.7 | 865.9 | 844.0 | 841.3 |
| 45° | 778.6 | 774.5 | 784.0 | 793.6 | 833.1 | 871.3 | 846.8 | 820.9 | 808.6 | 796.3 | 796.3 |
| 47.5° | 735.0 | 732.2 | 739.0 | 744.5 | 769.0 | 792.2 | 780.0 | 767.7 | 760.9 | 754.0 | 755.4 |
| 50° | 695.4 | 692.7 | 699.5 | 705.0 | 714.5 | 722.7 | 725.4 | 726.8 | 722.7 | 718.6 | 721.3 |
| 52.5° | 658.6 | 658.6 | 661.3 | 662.7 | 675.0 | 687.2 | 687.2 | 685.9 | 685.9 | 685.9 | 688.6 |
| 55° | 627.2 | 630.0 | 630.0 | 630.0 | 649.1 | 666.8 | 661.3 | 655.9 | 657.2 | 657.2 | 660.0 |
| 57.5° | 595.9 | 600.0 | 602.7 | 605.4 | 624.5 | 643.6 | 638.1 | 632.7 | 632.7 | 632.7 | 634.1 |
| 60° | 560.4 | 565.9 | 571.3 | 576.8 | 595.9 | 615.0 | 609.5 | 602.7 | 604.1 | 605.4 | 606.8 |
| 62.5° | 526.3 | 531.8 | 537.2 | 542.7 | 561.8 | 580.9 | 575.4 | 568.6 | 572.7 | 575.4 | 575.4 |
| 65° | 493.6 | 497.7 | 503.2 | 508.6 | 526.3 | 544.1 | 538.6 | 533.2 | 538.6 | 542.7 | 545.4 |
| 67.5° | 456.8 | 459.5 | 465.0 | 470.4 | 488.2 | 505.9 | 500.4 | 493.6 | 500.4 | 505.9 | 511.3 |
| 70° | 414.5 | 417.2 | 424.1 | 429.5 | 447.2 | 465.0 | 458.2 | 451.3 | 458.2 | 465.0 | 470.4 |
| 72.5° | 368.2 | 370.9 | 377.7 | 383.2 | 403.6 | 424.1 | 415.9 | 407.7 | 415.9 | 424.1 | 426.8 |
| 75° | 317.7 | 320.4 | 328.6 | 335.4 | 355.9 | 376.3 | 369.5 | 361.3 | 368.2 | 375.0 | 376.3 |
| 77.5° | 263.2 | 267.3 | 278.2 | 289.1 | 305.4 | 321.8 | 317.7 | 313.6 | 317.7 | 321.8 | 321.8 |
| 80° | 205.9 | 210.0 | 223.6 | 235.9 | 245.4 | 255.0 | 256.3 | 257.7 | 259.1 | 260.4 | 259.1 |
| 82.5° | 152.7 | 158.2 | 170.4 | 182.7 | 182.7 | 182.7 | 193.6 | 203.2 | 203.2 | 201.8 | 200.4 |
| 85° | 94.1 | 100.9 | 111.8 | 122.7 | 115.9 | 109.1 | 126.8 | 143.2 | 143.2 | 141.8 | 139.1 |
| 87.5° | 19.1 | 25.9 | 36.8 | 46.4 | 39.5 | 32.7 | 50.5 | 68.2 | 69.5 | 69.5 | 66.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P320580
 CATALOG NUMBER: GLEON-SA6D-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P320580
 CATALOG NUMBER: GLEON-SA6D-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 |
| 2.5° | 8714.5 | 8820.9 | 8925.9 | 8953.1 | 8994.0 | 9011.8 | 9028.1 | 9161.8 | 9294.0 | 9449.5 | 9604.9 |
| 5° | 6980.1 | 7059.1 | 7138.2 | 7150.5 | 7192.8 | 7214.6 | 7236.4 | 7398.7 | 7559.6 | 7776.4 | 7993.2 |
| 7.5° | 5260.6 | 5279.7 | 5298.8 | 5296.1 | 5331.5 | 5379.2 | 5425.6 | 5598.8 | 5770.6 | 6003.8 | 6235.6 |
| 10° | 3984.3 | 4028.0 | 4070.2 | 4109.8 | 4187.5 | 4277.5 | 4366.1 | 4543.4 | 4720.6 | 4951.1 | 5180.2 |
| 12.5° | 3156.6 | 3207.1 | 3256.2 | 3299.8 | 3389.8 | 3509.8 | 3628.4 | 3841.1 | 4053.9 | 4329.3 | 4603.4 |
| 15° | 2577.1 | 2573.0 | 2568.9 | 2598.9 | 2678.0 | 2808.9 | 2938.5 | 3163.5 | 3388.4 | 3691.2 | 3992.5 |
| 17.5° | 2033.1 | 2012.6 | 1992.2 | 2015.3 | 2089.0 | 2196.7 | 2303.1 | 2494.0 | 2683.5 | 2976.7 | 3269.8 |
| 20° | 1644.5 | 1630.8 | 1617.2 | 1639.0 | 1685.4 | 1730.4 | 1775.4 | 1913.1 | 2049.4 | 2288.1 | 2525.3 |
| 22.5° | 1446.7 | 1445.4 | 1442.6 | 1454.9 | 1476.7 | 1499.9 | 1521.7 | 1588.5 | 1654.0 | 1808.1 | 1960.8 |
| 25° | 1330.8 | 1329.5 | 1328.1 | 1333.6 | 1351.3 | 1369.0 | 1386.7 | 1430.4 | 1474.0 | 1547.6 | 1621.3 |
| 27.5° | 1238.1 | 1235.4 | 1232.7 | 1234.0 | 1238.1 | 1265.4 | 1291.3 | 1311.7 | 1330.8 | 1381.3 | 1430.4 |
| 30° | 1163.1 | 1161.8 | 1160.4 | 1160.4 | 1156.3 | 1165.8 | 1175.4 | 1206.8 | 1236.7 | 1288.6 | 1340.4 |
| 32.5° | 1099.0 | 1092.2 | 1085.4 | 1070.4 | 1060.8 | 1074.5 | 1088.1 | 1120.8 | 1153.6 | 1201.3 | 1249.0 |
| 35° | 1018.6 | 1000.9 | 981.8 | 973.6 | 974.9 | 988.6 | 1002.2 | 1034.9 | 1066.3 | 1118.1 | 1168.6 |
| 37.5° | 931.3 | 925.9 | 919.0 | 917.7 | 921.8 | 935.4 | 949.0 | 977.7 | 1004.9 | 1056.8 | 1107.2 |
| 40° | 882.2 | 879.5 | 876.8 | 874.0 | 876.8 | 890.4 | 904.0 | 931.3 | 957.2 | 1007.7 | 1056.8 |
| 42.5° | 838.6 | 837.2 | 835.9 | 835.9 | 837.2 | 852.2 | 867.2 | 894.5 | 920.4 | 965.4 | 1010.4 |
| 45° | 796.3 | 797.7 | 797.7 | 800.4 | 804.5 | 819.5 | 833.1 | 863.1 | 893.1 | 936.8 | 980.4 |
| 47.5° | 756.8 | 760.9 | 763.6 | 770.4 | 774.5 | 790.9 | 805.9 | 838.6 | 871.3 | 925.9 | 979.0 |
| 50° | 722.7 | 726.8 | 729.5 | 735.0 | 745.9 | 765.0 | 784.0 | 823.6 | 861.8 | 953.1 | 1043.1 |
| 52.5° | 691.3 | 695.4 | 699.5 | 705.0 | 718.6 | 740.4 | 762.2 | 811.3 | 859.0 | 965.4 | 1071.8 |
| 55° | 662.7 | 666.8 | 669.5 | 677.7 | 691.3 | 710.4 | 728.1 | 788.1 | 848.1 | 925.9 | 1003.6 |
| 57.5° | 635.4 | 639.5 | 642.2 | 647.7 | 654.5 | 675.0 | 694.1 | 758.1 | 822.2 | 876.8 | 929.9 |
| 60° | 606.8 | 609.5 | 610.9 | 610.9 | 616.3 | 639.5 | 662.7 | 744.5 | 825.0 | 815.4 | 804.5 |
| 62.5° | 575.4 | 578.1 | 579.5 | 575.4 | 582.2 | 606.8 | 631.3 | 737.7 | 844.0 | 778.6 | 713.1 |
| 65° | 546.8 | 545.4 | 544.1 | 540.0 | 548.2 | 572.7 | 595.9 | 649.1 | 702.2 | 676.3 | 650.4 |
| 67.5° | 515.4 | 511.3 | 507.2 | 501.8 | 510.0 | 531.8 | 552.2 | 570.0 | 587.7 | 590.4 | 593.1 |
| 70° | 475.9 | 470.4 | 465.0 | 463.6 | 467.7 | 485.4 | 503.2 | 515.4 | 526.3 | 531.8 | 535.9 |
| 72.5° | 429.5 | 425.4 | 421.3 | 418.6 | 420.0 | 435.0 | 448.6 | 459.5 | 470.4 | 474.5 | 477.2 |
| 75° | 377.7 | 377.7 | 376.3 | 368.2 | 368.2 | 380.4 | 391.3 | 400.9 | 410.4 | 415.9 | 421.3 |
| 77.5° | 321.8 | 323.2 | 323.2 | 312.3 | 310.9 | 323.2 | 334.1 | 342.3 | 349.1 | 354.5 | 358.6 |
| 80° | 257.7 | 255.0 | 252.3 | 245.4 | 242.7 | 257.7 | 271.3 | 278.2 | 283.6 | 285.0 | 285.0 |
| 82.5° | 197.7 | 192.3 | 185.4 | 170.4 | 171.8 | 188.2 | 203.2 | 208.6 | 214.1 | 214.1 | 214.1 |
| 85° | 135.0 | 124.1 | 111.8 | 99.5 | 100.9 | 118.6 | 135.0 | 140.4 | 145.9 | 148.6 | 150.0 |
| 87.5° | 64.1 | 53.2 | 40.9 | 31.4 | 31.4 | 46.4 | 60.0 | 62.7 | 65.5 | 70.9 | 76.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P320580
 CATALOG NUMBER: GLEON-SA6D-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P320580

CATALOG NUMBER: GLEON-SA6D-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 |
| 2.5° | 9723.5 | 9840.8 | 9962.2 | 10083.5 | 10222.6 | 10361.7 | 10524.0 | 10684.9 | 10822.6 | 10960.3 | 11074.8 |
| 5° | 8180.0 | 8366.8 | 8586.3 | 8805.9 | 9085.4 | 9364.9 | 9707.2 | 10048.1 | 10352.1 | 10656.2 | 11009.4 |
| 7.5° | 6479.6 | 6722.3 | 7008.7 | 7295.0 | 7656.4 | 8017.7 | 8460.9 | 8904.0 | 9333.6 | 9761.7 | 10304.4 |
| 10° | 5435.1 | 5690.1 | 5972.4 | 6253.3 | 6621.4 | 6988.2 | 7457.3 | 7925.0 | 8407.7 | 8889.0 | 9502.6 |
| 12.5° | 4887.0 | 5169.3 | 5417.4 | 5665.6 | 5964.2 | 6261.5 | 6715.5 | 7169.6 | 7736.8 | 8302.7 | 8893.1 |
| 15° | 4302.0 | 4610.2 | 4907.5 | 5204.7 | 5530.6 | 5855.1 | 6296.9 | 6738.7 | 7359.1 | 7979.6 | 8658.6 |
| 17.5° | 3594.3 | 3918.9 | 4281.6 | 4642.9 | 5068.4 | 5492.4 | 6058.3 | 6624.2 | 7359.1 | 8092.7 | 8893.1 |
| 20° | 2856.7 | 3188.0 | 3621.6 | 4055.2 | 4584.3 | 5112.0 | 5845.6 | 6579.2 | 7569.1 | 8557.7 | 9579.0 |
| 22.5° | 2254.0 | 2545.8 | 3018.9 | 3490.7 | 4101.6 | 4712.5 | 5653.3 | 6592.8 | 7886.8 | 9179.5 | 10558.0 |
| 25° | 1827.2 | 2033.1 | 2498.0 | 2961.7 | 3666.6 | 4371.6 | 5536.1 | 6699.2 | 8349.1 | 9997.6 | 11707.5 |
| 27.5° | 1565.4 | 1700.4 | 2134.0 | 2566.2 | 3336.6 | 4105.7 | 5488.3 | 6869.6 | 8935.4 | 11001.2 | 12957.9 |
| 30° | 1434.5 | 1528.6 | 1895.3 | 2260.8 | 3043.5 | 3826.1 | 5431.1 | 7036.0 | 9499.9 | 11962.5 | 13935.6 |
| 32.5° | 1325.4 | 1400.4 | 1714.0 | 2026.2 | 2789.8 | 3553.4 | 5320.6 | 7086.4 | 9894.0 | 12701.6 | 14763.3 |
| 35° | 1232.7 | 1295.4 | 1568.1 | 1840.8 | 2590.8 | 3340.7 | 5135.2 | 6929.6 | 10140.8 | 13352.0 | 15625.0 |
| 37.5° | 1157.7 | 1206.8 | 1459.0 | 1711.3 | 2419.0 | 3126.6 | 4923.8 | 6721.0 | 10360.3 | 13999.7 | 16594.5 |
| 40° | 1099.0 | 1141.3 | 1377.2 | 1613.1 | 2255.3 | 2897.6 | 4742.5 | 6586.0 | 10663.0 | 14740.1 | 17618.6 |
| 42.5° | 1066.3 | 1120.8 | 1306.3 | 1490.4 | 2099.9 | 2709.4 | 4596.6 | 6483.7 | 10943.9 | 15402.8 | 18514.4 |
| 45° | 1058.1 | 1135.8 | 1269.5 | 1403.1 | 1984.0 | 2564.9 | 4467.0 | 6367.8 | 11125.3 | 15882.7 | 19189.4 |
| 47.5° | 1044.5 | 1108.6 | 1240.8 | 1373.1 | 1926.7 | 2479.0 | 4397.5 | 6314.6 | 11306.6 | 16297.3 | 19749.8 |
| 50° | 1052.7 | 1060.8 | 1217.7 | 1373.1 | 1918.5 | 2464.0 | 4476.6 | 6489.2 | 11699.3 | 16908.1 | 20390.7 |
| 52.5° | 1037.7 | 1002.2 | 1174.0 | 1345.8 | 1917.2 | 2488.5 | 4704.3 | 6920.1 | 12428.8 | 17936.3 | 21084.7 |
| 55° | 958.6 | 912.2 | 1092.2 | 1272.2 | 1888.5 | 2503.5 | 4975.6 | 7446.4 | 13407.9 | 19368.0 | 22332.4 |
| 57.5° | 889.0 | 846.8 | 999.5 | 1150.8 | 1801.3 | 2451.7 | 5255.2 | 8057.3 | 14442.8 | 20827.0 | 23738.2 |
| 60° | 796.3 | 786.8 | 895.9 | 1004.9 | 1666.3 | 2326.2 | 5485.6 | 8643.6 | 15138.2 | 21631.5 | 24279.5 |
| 62.5° | 720.0 | 725.4 | 805.9 | 886.3 | 1497.2 | 2106.7 | 5562.0 | 9015.9 | 15119.1 | 21222.4 | 23734.1 |
| 65° | 661.3 | 670.9 | 750.0 | 829.0 | 1352.7 | 1876.3 | 5311.1 | 8744.5 | 14354.2 | 19962.5 | 22655.5 |
| 67.5° | 604.1 | 615.0 | 709.1 | 801.8 | 1224.5 | 1645.8 | 4683.8 | 7720.5 | 12978.4 | 18234.9 | 21283.8 |
| 70° | 549.5 | 563.2 | 665.4 | 767.7 | 1131.8 | 1494.5 | 3875.2 | 6256.0 | 11256.2 | 16255.0 | 19695.3 |
| 72.5° | 490.9 | 504.5 | 613.6 | 722.7 | 1073.1 | 1422.2 | 3159.4 | 4895.2 | 9134.5 | 13372.4 | 16846.8 |
| 75° | 430.9 | 440.4 | 559.1 | 676.3 | 992.7 | 1309.0 | 2479.0 | 3647.5 | 6991.0 | 10334.4 | 12724.7 |
| 77.5° | 370.9 | 383.2 | 482.7 | 580.9 | 842.7 | 1103.1 | 1868.1 | 2633.0 | 5129.7 | 7625.0 | 8849.5 |
| 80° | 295.9 | 306.8 | 377.7 | 447.2 | 650.4 | 852.2 | 1284.5 | 1716.7 | 3530.3 | 5343.8 | 6033.8 |
| 82.5° | 226.4 | 238.6 | 286.3 | 332.7 | 463.6 | 594.5 | 778.6 | 962.7 | 2345.3 | 3726.6 | 3783.9 |
| 85° | 155.4 | 159.5 | 193.6 | 226.4 | 286.3 | 346.3 | 445.9 | 545.4 | 1551.7 | 2558.0 | 2131.2 |
| 87.5° | 77.7 | 77.7 | 100.9 | 124.1 | 154.1 | 184.1 | 235.9 | 286.3 | 496.3 | 706.3 | 406.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P320580
 CATALOG NUMBER: GLEON-SA6D-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P320580

CATALOG NUMBER: GLEON-SA6D-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 |
| 2.5° | 11220.7 | 11320.3 | 11421.2 | 11497.5 | 11575.3 | 11687.1 | 11798.9 | 11819.3 | 11841.2 | 11797.5 | 11753.9 |
| 5° | 11365.3 | 11666.6 | 11969.3 | 12248.9 | 12528.4 | 12696.1 | 12863.8 | 12897.9 | 12932.0 | 12827.0 | 12720.6 |
| 7.5° | 10829.4 | 11354.4 | 11879.3 | 12360.7 | 12842.0 | 13133.8 | 13427.0 | 13492.4 | 13559.2 | 13387.4 | 13215.6 |
| 10° | 10113.5 | 10758.5 | 11403.4 | 12037.5 | 12671.6 | 13095.6 | 13519.7 | 13604.2 | 13688.8 | 13474.7 | 13260.6 |
| 12.5° | 9559.9 | 10248.5 | 10937.1 | 11605.3 | 12274.8 | 12713.8 | 13152.9 | 13257.9 | 13362.9 | 13207.4 | 13050.6 |
| 15° | 9389.5 | 10037.2 | 10684.9 | 11267.1 | 11850.7 | 12209.3 | 12569.3 | 12611.6 | 12655.2 | 12630.7 | 12606.1 |
| 17.5° | 9699.0 | 10284.0 | 10870.3 | 11186.6 | 11504.4 | 11647.5 | 11792.1 | 11838.4 | 11886.1 | 11947.5 | 12010.2 |
| 20° | 10449.0 | 10860.8 | 11273.9 | 11260.3 | 11245.3 | 11175.7 | 11104.8 | 11092.6 | 11080.3 | 11256.2 | 11433.4 |
| 22.5° | 11568.4 | 11732.1 | 11897.1 | 11513.9 | 11130.7 | 10897.6 | 10663.0 | 10616.7 | 10569.0 | 10755.8 | 10943.9 |
| 25° | 12783.4 | 12753.4 | 12722.0 | 11992.5 | 11261.6 | 10817.1 | 10372.6 | 10320.8 | 10269.0 | 10428.5 | 10589.4 |
| 27.5° | 13986.0 | 13789.7 | 13593.3 | 12602.0 | 11610.7 | 10965.7 | 10320.8 | 10269.0 | 10217.2 | 10359.0 | 10500.8 |
| 30° | 14868.3 | 14553.3 | 14238.3 | 13116.1 | 11993.9 | 11227.6 | 10461.2 | 10376.7 | 10290.8 | 10465.3 | 10639.9 |
| 32.5° | 15556.9 | 15134.1 | 14711.4 | 13533.3 | 12355.2 | 11526.2 | 10697.1 | 10564.9 | 10432.6 | 10665.8 | 10898.9 |
| 35° | 16244.1 | 15649.6 | 15053.7 | 13905.6 | 12756.1 | 11879.3 | 11001.2 | 10838.9 | 10676.7 | 10997.1 | 11317.5 |
| 37.5° | 17108.6 | 16255.0 | 15400.0 | 14324.2 | 13248.3 | 12408.4 | 11567.1 | 11400.7 | 11234.4 | 11642.1 | 12051.1 |
| 40° | 18046.7 | 16908.1 | 15769.6 | 14782.4 | 13795.1 | 13140.6 | 12484.8 | 12326.6 | 12167.0 | 12663.4 | 13159.7 |
| 42.5° | 18826.7 | 17516.3 | 16205.9 | 15334.6 | 14461.9 | 14001.0 | 13538.8 | 13537.4 | 13534.7 | 14037.8 | 14541.0 |
| 45° | 19460.7 | 18023.5 | 16585.0 | 15873.2 | 15160.1 | 14920.1 | 14680.1 | 14872.3 | 15064.6 | 15518.7 | 15974.1 |
| 47.5° | 19933.9 | 18449.0 | 16962.7 | 16489.5 | 16016.4 | 16051.8 | 16087.3 | 16478.6 | 16870.0 | 17161.8 | 17454.9 |
| 50° | 20242.0 | 18834.8 | 17426.3 | 17280.4 | 17134.5 | 17452.2 | 17771.3 | 18219.9 | 18669.9 | 18868.9 | 19068.0 |
| 52.5° | 20690.7 | 19358.5 | 18024.9 | 18188.5 | 18352.1 | 19001.2 | 19650.3 | 20104.3 | 20558.4 | 20632.0 | 20707.0 |
| 55° | 21728.3 | 20321.1 | 18912.6 | 19226.2 | 19541.2 | 20492.9 | 21446.1 | 21800.6 | 22155.1 | 22182.4 | 22209.7 |
| 57.5° | 23202.3 | 21669.7 | 20137.0 | 20475.2 | 20813.4 | 21912.4 | 23012.8 | 23394.6 | 23777.8 | 23724.6 | 23670.0 |
| 60° | 24305.5 | 22950.1 | 21593.3 | 21934.2 | 22275.1 | 23346.9 | 24418.6 | 24857.7 | 25298.1 | 25180.9 | 25063.6 |
| 62.5° | 24373.6 | 23649.6 | 22924.2 | 23232.3 | 23541.9 | 24591.8 | 25641.7 | 26093.1 | 26544.4 | 26339.9 | 26135.3 |
| 65° | 23289.6 | 23614.1 | 23938.7 | 24040.9 | 24143.2 | 25122.2 | 26102.6 | 26447.6 | 26793.9 | 26690.3 | 26586.7 |
| 67.5° | 21796.5 | 22992.3 | 24189.5 | 23983.7 | 23777.8 | 24237.3 | 24696.8 | 25052.7 | 25408.6 | 25349.9 | 25289.9 |
| 70° | 20306.1 | 21902.9 | 23499.6 | 22487.8 | 21474.7 | 21285.2 | 21095.6 | 21478.8 | 21863.3 | 21626.1 | 21387.4 |
| 72.5° | 17768.5 | 19470.3 | 21173.4 | 19309.4 | 17445.4 | 16797.7 | 16150.0 | 16636.8 | 17123.6 | 16745.9 | 16366.8 |
| 75° | 13947.9 | 15828.2 | 17709.9 | 15485.9 | 13262.0 | 12397.5 | 11533.0 | 11951.6 | 12370.2 | 12111.1 | 11850.7 |
| 77.5° | 10383.5 | 12236.6 | 14089.7 | 11828.9 | 9566.7 | 8924.5 | 8280.9 | 8405.0 | 8530.4 | 8486.8 | 8441.8 |
| 80° | 7042.8 | 8334.1 | 9626.7 | 8121.4 | 6616.0 | 6665.1 | 6715.5 | 6656.9 | 6596.9 | 6684.2 | 6771.4 |
| 82.5° | 4494.3 | 5491.1 | 6489.2 | 5690.1 | 4891.1 | 5349.2 | 5807.4 | 5582.4 | 5356.1 | 5439.2 | 5523.8 |
| 85° | 2564.9 | 3539.8 | 4516.1 | 4209.3 | 3901.1 | 4168.4 | 4437.0 | 4088.0 | 3738.9 | 3891.6 | 4045.7 |
| 87.5° | 676.3 | 1958.1 | 3241.2 | 2942.6 | 2643.9 | 2297.6 | 1951.3 | 1489.0 | 1026.8 | 1499.9 | 1973.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P320580
 CATALOG NUMBER: GLEON-SA6D-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 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: GLEON-SA6D-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 | 10390.3 |
| 2.5° | 11730.7 | 11707.5 | 11624.3 | 11539.8 | 11414.4 | 11310.7 | 11130.7 |
| 5° | 12573.4 | 12426.1 | 12172.5 | 11917.5 | 11633.9 | 11308.0 | 10946.7 |
| 7.5° | 12872.0 | 12527.0 | 12040.2 | 11552.1 | 11113.0 | 10597.6 | 10117.6 |
| 10° | 12745.2 | 12228.4 | 11595.7 | 10961.7 | 10428.5 | 9835.4 | 9302.2 |
| 12.5° | 12502.5 | 11953.0 | 11256.2 | 10558.0 | 9951.3 | 9314.5 | 8717.2 |
| 15° | 12168.4 | 11729.3 | 11076.2 | 10423.0 | 9812.2 | 9193.1 | 8485.4 |
| 17.5° | 11803.0 | 11594.3 | 11122.6 | 10649.4 | 10120.3 | 9520.4 | 8690.0 |
| 20° | 11508.4 | 11584.8 | 11396.6 | 11208.5 | 10784.4 | 10260.8 | 9328.1 |
| 22.5° | 11309.4 | 11676.2 | 11820.7 | 11966.6 | 11711.6 | 11302.5 | 10224.0 |
| 25° | 11197.6 | 11805.7 | 12289.8 | 12775.2 | 12662.0 | 12347.0 | 11312.1 |
| 27.5° | 11246.6 | 11992.5 | 12743.8 | 13496.5 | 13601.5 | 13514.2 | 12458.8 |
| 30° | 11393.9 | 12149.3 | 13064.3 | 13980.6 | 14399.2 | 14516.5 | 13414.7 |
| 32.5° | 11639.3 | 12379.8 | 13376.5 | 14374.6 | 15007.3 | 15381.0 | 14288.7 |
| 35° | 12010.2 | 12702.9 | 13742.0 | 14781.0 | 15599.1 | 16280.9 | 15191.4 |
| 37.5° | 12647.0 | 13242.9 | 14201.5 | 15161.4 | 16222.3 | 17246.3 | 16185.5 |
| 40° | 13579.7 | 14001.0 | 14811.0 | 15622.3 | 16957.2 | 18339.9 | 17294.0 |
| 42.5° | 14756.4 | 14973.2 | 15615.5 | 16257.7 | 17724.9 | 19332.5 | 18378.1 |
| 45° | 16031.4 | 16088.6 | 16492.3 | 16897.2 | 18333.1 | 20008.9 | 19192.1 |
| 47.5° | 17258.6 | 17062.2 | 17223.1 | 17384.0 | 18799.4 | 20491.6 | 19809.8 |
| 50° | 18521.2 | 17974.4 | 17889.9 | 17805.4 | 19265.7 | 21060.2 | 20595.2 |
| 52.5° | 19805.7 | 18904.4 | 18570.3 | 18234.9 | 19822.1 | 21814.2 | 21572.9 |
| 55° | 21062.9 | 19916.2 | 19466.2 | 19016.2 | 20672.9 | 22734.6 | 23008.7 |
| 57.5° | 22370.6 | 21071.1 | 20653.8 | 20236.6 | 21923.3 | 23900.5 | 24297.3 |
| 60° | 23777.8 | 22490.6 | 22156.5 | 21821.0 | 23477.8 | 25160.4 | 24871.3 |
| 62.5° | 25112.7 | 24090.0 | 23914.1 | 23736.8 | 25050.0 | 26128.5 | 24647.7 |
| 65° | 26004.4 | 25420.8 | 25584.5 | 25749.5 | 26239.0 | 26369.9 | 23993.2 |
| 67.5° | 25408.6 | 25527.2 | 26218.5 | 26911.2 | 26574.4 | 25652.6 | 22703.3 |
| 70° | 22097.8 | 22809.6 | 24447.3 | 26086.3 | 25339.0 | 23731.4 | 20387.9 |
| 72.5° | 17165.9 | 17966.3 | 20397.5 | 22830.1 | 22141.5 | 20172.5 | 16745.9 |
| 75° | 12753.4 | 13657.4 | 16340.9 | 19024.4 | 18068.5 | 15089.2 | 11989.8 |
| 77.5° | 9047.2 | 9652.6 | 12302.0 | 14952.8 | 13394.2 | 10044.0 | 8068.2 |
| 80° | 6586.0 | 6400.5 | 7877.3 | 9354.0 | 9094.9 | 6643.3 | 5181.5 |
| 82.5° | 5071.1 | 4618.4 | 5313.8 | 6009.2 | 5971.0 | 4610.2 | 3801.6 |
| 85° | 3864.3 | 3683.0 | 4297.9 | 4912.9 | 4386.6 | 3122.6 | 2416.2 |
| 87.5° | 2252.6 | 2533.5 | 3257.5 | 3983.0 | 2988.9 | 947.7 | 469.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P320580
 CATALOG NUMBER: GLEON-SA6D-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|------|------|------|------|------|------|------|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



LM-79-2008: Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGRAW-EDISON

Report Number: SP1-1908-441-1-R4

Test Date: 08/20/2019

Luminaire Tested: SA1C-727-U-5WQ

Test Information

Test Method: LM-79-2008
 Report Number: SP1-1908-441-1-R4
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/28/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGRAW-EDISON
 Catalog Number: **SA1C-727-U-5WQ**
 Description: McGRAW EDISON ROADWAY AND AREA LUMINAIRE

THIS IS A REVISION OF SP1-1908-441-1-R3. TO UPDATE THE CATALOG NUMBER.TESTED IN
 SITU. (1) 70 CRI, 2700K, 1050MA LIGHTSQUARE WITH 16 LEDS AND TYPE V WIDE OPTICS.

Spectral Parameters

CCT (K): 2741
 CIE u': 0.2605
 CIE v': 0.5272
 Duv: 0.0005
 CIE x: 0.4573
 CIE y: 0.4113
 CIE z: 0.1313
 Peak Wavelength (nm): 602
 Dominant Wavelength (nm): 583
 Purity: 61.2
 Rf: 69.9
 Rg: 98.3

| | | | |
|-----------|------|------|-------|
| CRI (Ra): | 71.5 | | |
| R1: | 69.2 | R9: | -16.1 |
| R2: | 79.4 | R10: | 51.4 |
| R3: | 87.8 | R11: | 63.1 |
| R4: | 69.4 | R12: | 42.0 |
| R5: | 66.4 | R13: | 70.2 |
| R6: | 69.8 | R14: | 92.4 |
| R7: | 79.8 | | |
| R8: | 50.1 | | |



Test Conditions

Stabilization Time: 56M
 Operation Time: 12H
 Room Temperature (°C) / RH%: 25.3./42%
 Sphere Temperature (°C): 25.7

REPORT NUMBER: SP1-1908-441-1-R4

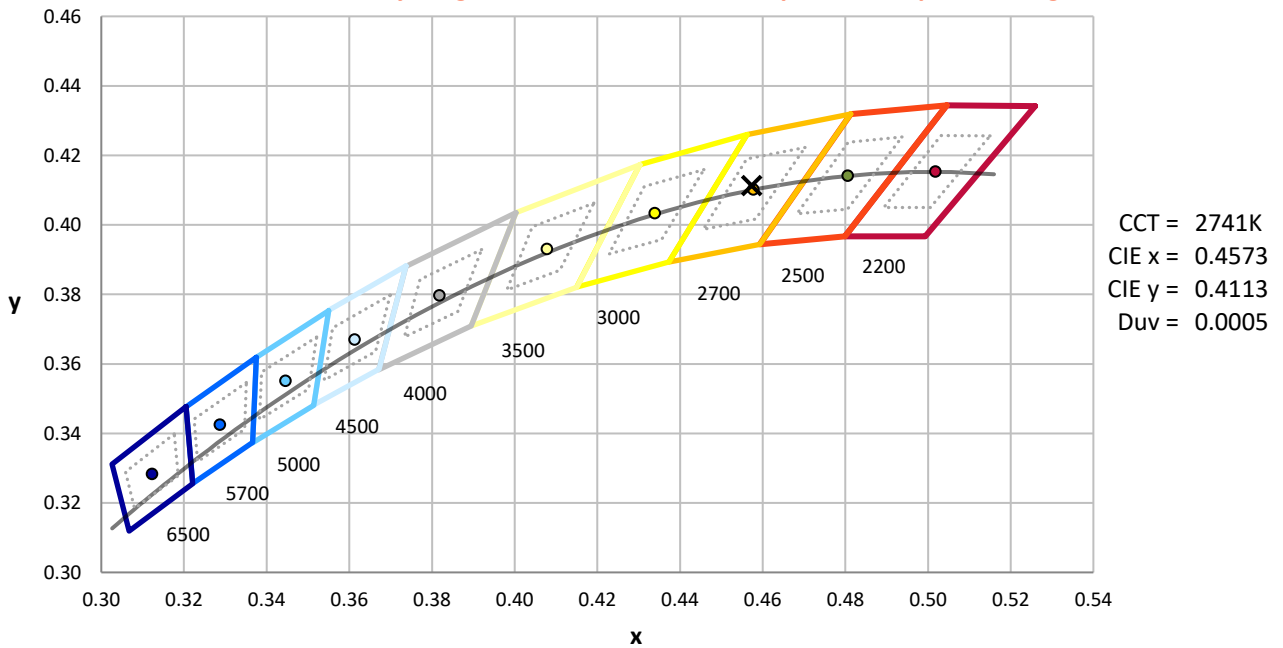
| Measurement and Test Equipment | | | |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | IN0058 | 6/28/2019 | 12/28/2019 |
| Power Meter | IN0071 | 12/5/2018 | 12/5/2019 |
| AC Power Source | IN0063 | 12/5/2018 | 12/5/2019 |
| DC Power Source | IN0208 | 12/5/2018 | 12/5/2019 |
| Sphere Thermometer | IN0085 | 12/5/2018 | 12/5/2019 |
| Room Thermometer | IN0046 | 12/5/2018 | 12/5/2019 |

REPORT NUMBER: SP1-1908-441-1-R4

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-1908-441-1-R4

Photopic Flux vs. Wavelength



Photopic Lumens: 6211.7

| λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) |
|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|
| 360 | 2044 | 0.0 | 490 | 7179 | 1.0 | 620 | 118034 | 30.7 | 750 | 8362 | 0.0 | 880 | 3128 | 0.0 |
| 365 | 2016 | 0.0 | 495 | 10476 | 1.9 | 625 | 111884 | 24.7 | 755 | 7635 | 0.0 | 885 | 3110 | 0.0 |
| 370 | 2020 | 0.0 | 500 | 15549 | 3.4 | 630 | 106119 | 19.2 | 760 | 6582 | 0.0 | 890 | 2632 | 0.0 |
| 375 | 2137 | 0.0 | 505 | 22477 | 6.3 | 635 | 99706 | 15.0 | 765 | 5777 | 0.0 | 895 | 2709 | 0.0 |
| 380 | 2046 | 0.0 | 510 | 30417 | 10.4 | 640 | 92142 | 11.0 | 770 | 5474 | 0.0 | 900 | 2016 | 0.0 |
| 385 | 1925 | 0.0 | 515 | 39274 | 16.3 | 645 | 84987 | 8.2 | 775 | 4977 | 0.0 | 905 | 1748 | 0.0 |
| 390 | 1893 | 0.0 | 520 | 47282 | 22.9 | 650 | 78016 | 5.7 | 780 | 4723 | 0.0 | 910 | 2046 | 0.0 |
| 395 | 1695 | 0.0 | 525 | 55413 | 29.7 | 655 | 71541 | 4.1 | 785 | 4219 | 0.0 | 915 | 1844 | 0.0 |
| 400 | 1633 | 0.0 | 530 | 62377 | 36.7 | 660 | 64863 | 2.7 | 790 | 3969 | 0.0 | 920 | 2734 | 0.0 |
| 405 | 2065 | 0.0 | 535 | 68520 | 42.5 | 665 | 58485 | 1.9 | 795 | 4122 | 0.0 | 925 | 2307 | 0.0 |
| 410 | 3449 | 0.0 | 540 | 73435 | 47.8 | 670 | 51641 | 1.1 | 800 | 2864 | 0.0 | 930 | 2039 | 0.0 |
| 415 | 7117 | 0.0 | 545 | 78677 | 52.4 | 675 | 46030 | 0.8 | 805 | 3151 | 0.0 | 935 | 1784 | 0.0 |
| 420 | 13992 | 0.0 | 550 | 83331 | 56.6 | 680 | 40590 | 0.5 | 810 | 3022 | 0.0 | 940 | 2464 | 0.0 |
| 425 | 25176 | 0.1 | 555 | 89120 | 60.9 | 685 | 35691 | 0.3 | 815 | 3471 | 0.0 | 945 | 2794 | 0.0 |
| 430 | 38151 | 0.3 | 560 | 94613 | 64.3 | 690 | 31631 | 0.2 | 820 | 2749 | 0.0 | 950 | 3090 | 0.0 |
| 435 | 49673 | 0.6 | 565 | 99818 | 66.4 | 695 | 27437 | 0.1 | 825 | 2729 | 0.0 | 955 | 1866 | 0.0 |
| 440 | 57273 | 0.9 | 570 | 106526 | 69.3 | 700 | 24589 | 0.1 | 830 | 2282 | 0.0 | 960 | 3110 | 0.0 |
| 445 | 54802 | 1.1 | 575 | 111610 | 69.4 | 705 | 21832 | 0.0 | 835 | 3140 | 0.0 | 965 | 3880 | 0.0 |
| 450 | 39184 | 1.0 | 580 | 117163 | 69.6 | 710 | 19500 | 0.0 | 840 | 2365 | 0.0 | 970 | 3243 | 0.0 |
| 455 | 22506 | 0.8 | 585 | 122201 | 67.9 | 715 | 17870 | 0.0 | 845 | 3024 | 0.0 | 975 | 2014 | 0.0 |
| 460 | 13692 | 0.6 | 590 | 125662 | 65.0 | 720 | 15924 | 0.0 | 850 | 2510 | 0.0 | 980 | 1688 | 0.0 |
| 465 | 9446 | 0.5 | 595 | 127415 | 60.4 | 725 | 14268 | 0.0 | 855 | 2739 | 0.0 | 985 | 2827 | 0.0 |
| 470 | 6698 | 0.4 | 600 | 129155 | 55.7 | 730 | 12438 | 0.0 | 860 | 3515 | 0.0 | 990 | 4172 | 0.0 |
| 475 | 5328 | 0.4 | 605 | 128057 | 49.6 | 735 | 11255 | 0.0 | 865 | 3600 | 0.0 | 995 | 3177 | 0.0 |
| 480 | 5081 | 0.5 | 610 | 126031 | 43.3 | 740 | 9951 | 0.0 | 870 | 3609 | 0.0 | 1000 | 3241 | 0.0 |
| 485 | 5579 | 0.7 | 615 | 123059 | 37.1 | 745 | 8870 | 0.0 | 875 | 3208 | 0.0 | | | |

REPORT NUMBER: SP1-1908-441-1-R4

Scotopic Flux vs. Wavelength



Scotopic Lumens: 6474.3

S/P: 1.04

| λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) |
|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|
| 360 | 2044 | 0.0 | 490 | 7179 | 6.0 | 620 | 118034 | 0.1 | 750 | 8362 | 0.0 | 880 | 3128 | 0.0 |
| 365 | 2016 | 0.0 | 495 | 10476 | 8.6 | 625 | 111884 | 0.1 | 755 | 7635 | 0.0 | 885 | 3110 | 0.0 |
| 370 | 2020 | 0.0 | 500 | 15549 | 12.5 | 630 | 106119 | 0.0 | 760 | 6582 | 0.0 | 890 | 2632 | 0.0 |
| 375 | 2137 | 0.0 | 505 | 22477 | 17.3 | 635 | 99706 | 0.0 | 765 | 5777 | 0.0 | 895 | 2709 | 0.0 |
| 380 | 2046 | 0.0 | 510 | 30417 | 21.8 | 640 | 92142 | 0.0 | 770 | 5474 | 0.0 | 900 | 2016 | 0.0 |
| 385 | 1925 | 0.0 | 515 | 39274 | 25.7 | 645 | 84987 | 0.0 | 775 | 4977 | 0.0 | 905 | 1748 | 0.0 |
| 390 | 1893 | 0.0 | 520 | 47282 | 27.5 | 650 | 78016 | 0.0 | 780 | 4723 | 0.0 | 910 | 2046 | 0.0 |
| 395 | 1695 | 0.0 | 525 | 55413 | 28.1 | 655 | 71541 | 0.0 | 785 | 4219 | 0.0 | 915 | 1844 | 0.0 |
| 400 | 1633 | 0.0 | 530 | 62377 | 27.0 | 660 | 64863 | 0.0 | 790 | 3969 | 0.0 | 920 | 2734 | 0.0 |
| 405 | 2065 | 0.0 | 535 | 68520 | 24.7 | 665 | 58485 | 0.0 | 795 | 4122 | 0.0 | 925 | 2307 | 0.0 |
| 410 | 3449 | 0.1 | 540 | 73435 | 21.5 | 670 | 51641 | 0.0 | 800 | 2864 | 0.0 | 930 | 2039 | 0.0 |
| 415 | 7117 | 0.5 | 545 | 78677 | 18.3 | 675 | 46030 | 0.0 | 805 | 3151 | 0.0 | 935 | 1784 | 0.0 |
| 420 | 13992 | 1.6 | 550 | 83331 | 15.0 | 680 | 40590 | 0.0 | 810 | 3022 | 0.0 | 940 | 2464 | 0.0 |
| 425 | 25176 | 3.9 | 555 | 89120 | 12.0 | 685 | 35691 | 0.0 | 815 | 3471 | 0.0 | 945 | 2794 | 0.0 |
| 430 | 38151 | 8.1 | 560 | 94613 | 9.3 | 690 | 31631 | 0.0 | 820 | 2749 | 0.0 | 950 | 3090 | 0.0 |
| 435 | 49673 | 13.3 | 565 | 99818 | 7.0 | 695 | 27437 | 0.0 | 825 | 2729 | 0.0 | 955 | 1866 | 0.0 |
| 440 | 57273 | 19.1 | 570 | 106526 | 5.2 | 700 | 24589 | 0.0 | 830 | 2282 | 0.0 | 960 | 3110 | 0.0 |
| 445 | 54802 | 21.6 | 575 | 111610 | 3.7 | 705 | 21832 | 0.0 | 835 | 3140 | 0.0 | 965 | 3880 | 0.0 |
| 450 | 39184 | 18.1 | 580 | 117163 | 2.6 | 710 | 19500 | 0.0 | 840 | 2365 | 0.0 | 970 | 3243 | 0.0 |
| 455 | 22506 | 11.8 | 585 | 122201 | 1.8 | 715 | 17870 | 0.0 | 845 | 3024 | 0.0 | 975 | 2014 | 0.0 |
| 460 | 13692 | 8.1 | 590 | 125662 | 1.2 | 720 | 15924 | 0.0 | 850 | 2510 | 0.0 | 980 | 1688 | 0.0 |
| 465 | 9446 | 6.2 | 595 | 127415 | 0.8 | 725 | 14268 | 0.0 | 855 | 2739 | 0.0 | 985 | 2827 | 0.0 |
| 470 | 6698 | 4.8 | 600 | 129155 | 0.5 | 730 | 12438 | 0.0 | 860 | 3515 | 0.0 | 990 | 4172 | 0.0 |
| 475 | 5328 | 4.1 | 605 | 128057 | 0.4 | 735 | 11255 | 0.0 | 865 | 3600 | 0.0 | 995 | 3177 | 0.0 |
| 480 | 5081 | 4.1 | 610 | 126031 | 0.2 | 740 | 9951 | 0.0 | 870 | 3609 | 0.0 | 1000 | 3241 | 0.0 |
| 485 | 5579 | 4.6 | 615 | 123059 | 0.1 | 745 | 8870 | 0.0 | 875 | 3208 | 0.0 | | | |

REPORT NUMBER: SP1-1908-441-1-R4

Melanopic Flux vs. Wavelength



Melanopic Lumens: 2145.7 M/P: 0.35

| λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) |
|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|
| 360 | 2044 | 0.0 | 490 | 7179 | 11.1 | 620 | 118034 | 1.5 | 750 | 8362 | 0.0 | 880 | 3128 | 0.0 |
| 365 | 2016 | 0.0 | 495 | 10476 | 16.9 | 625 | 111884 | 0.9 | 755 | 7635 | 0.0 | 885 | 3110 | 0.0 |
| 370 | 2020 | 0.0 | 500 | 15549 | 26.0 | 630 | 106119 | 0.6 | 760 | 6582 | 0.0 | 890 | 2632 | 0.0 |
| 375 | 2137 | 0.0 | 505 | 22477 | 38.2 | 635 | 99706 | 0.4 | 765 | 5777 | 0.0 | 895 | 2709 | 0.0 |
| 380 | 2046 | 0.0 | 510 | 30417 | 51.6 | 640 | 92142 | 0.2 | 770 | 5474 | 0.0 | 900 | 2016 | 0.0 |
| 385 | 1925 | 0.0 | 515 | 39274 | 65.1 | 645 | 84987 | 0.1 | 775 | 4977 | 0.0 | 905 | 1748 | 0.0 |
| 390 | 1893 | 0.0 | 520 | 47282 | 75.2 | 650 | 78016 | 0.1 | 780 | 4723 | 0.0 | 910 | 2046 | 0.0 |
| 395 | 1695 | 0.0 | 525 | 55413 | 82.9 | 655 | 71541 | 0.1 | 785 | 4219 | 0.0 | 915 | 1844 | 0.0 |
| 400 | 1633 | 0.0 | 530 | 62377 | 86.0 | 660 | 64863 | 0.0 | 790 | 3969 | 0.0 | 920 | 2734 | 0.0 |
| 405 | 2065 | 0.1 | 535 | 68520 | 85.4 | 665 | 58485 | 0.0 | 795 | 4122 | 0.0 | 925 | 2307 | 0.0 |
| 410 | 3449 | 0.2 | 540 | 73435 | 81.1 | 670 | 51641 | 0.0 | 800 | 2864 | 0.0 | 930 | 2039 | 0.0 |
| 415 | 7117 | 0.7 | 545 | 78677 | 75.4 | 675 | 46030 | 0.0 | 805 | 3151 | 0.0 | 935 | 1784 | 0.0 |
| 420 | 13992 | 2.3 | 550 | 83331 | 68.1 | 680 | 40590 | 0.0 | 810 | 3022 | 0.0 | 940 | 2464 | 0.0 |
| 425 | 25176 | 6.2 | 555 | 89120 | 60.9 | 685 | 35691 | 0.0 | 815 | 3471 | 0.0 | 945 | 2794 | 0.0 |
| 430 | 38151 | 13.0 | 560 | 94613 | 52.9 | 690 | 31631 | 0.0 | 820 | 2749 | 0.0 | 950 | 3090 | 0.0 |
| 435 | 49673 | 22.2 | 565 | 99818 | 44.8 | 695 | 27437 | 0.0 | 825 | 2729 | 0.0 | 955 | 1866 | 0.0 |
| 440 | 57273 | 32.0 | 570 | 106526 | 37.6 | 700 | 24589 | 0.0 | 830 | 2282 | 0.0 | 960 | 3110 | 0.0 |
| 445 | 54802 | 36.7 | 575 | 111610 | 30.4 | 705 | 21832 | 0.0 | 835 | 3140 | 0.0 | 965 | 3880 | 0.0 |
| 450 | 39184 | 30.4 | 580 | 117163 | 24.1 | 710 | 19500 | 0.0 | 840 | 2365 | 0.0 | 970 | 3243 | 0.0 |
| 455 | 22506 | 19.7 | 585 | 122201 | 18.7 | 715 | 17870 | 0.0 | 845 | 3024 | 0.0 | 975 | 2014 | 0.0 |
| 460 | 13692 | 13.2 | 590 | 125662 | 14.0 | 720 | 15924 | 0.0 | 850 | 2510 | 0.0 | 980 | 1688 | 0.0 |
| 465 | 9446 | 10.0 | 595 | 127415 | 10.2 | 725 | 14268 | 0.0 | 855 | 2739 | 0.0 | 985 | 2827 | 0.0 |
| 470 | 6698 | 7.7 | 600 | 129155 | 7.3 | 730 | 12438 | 0.0 | 860 | 3515 | 0.0 | 990 | 4172 | 0.0 |
| 475 | 5328 | 6.7 | 605 | 128057 | 5.0 | 735 | 11255 | 0.0 | 865 | 3600 | 0.0 | 995 | 3177 | 0.0 |
| 480 | 5081 | 6.9 | 610 | 126031 | 3.4 | 740 | 9951 | 0.0 | 870 | 3609 | 0.0 | 1000 | 3241 | 0.0 |
| 485 | 5579 | 8.1 | 615 | 123059 | 2.3 | 745 | 8870 | 0.0 | 875 | 3208 | 0.0 | | | |

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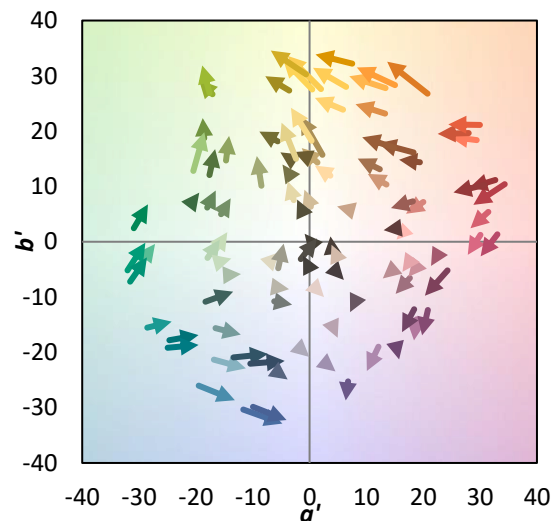
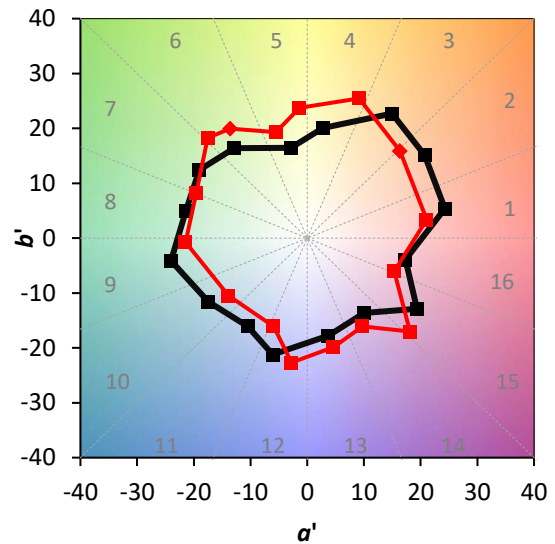
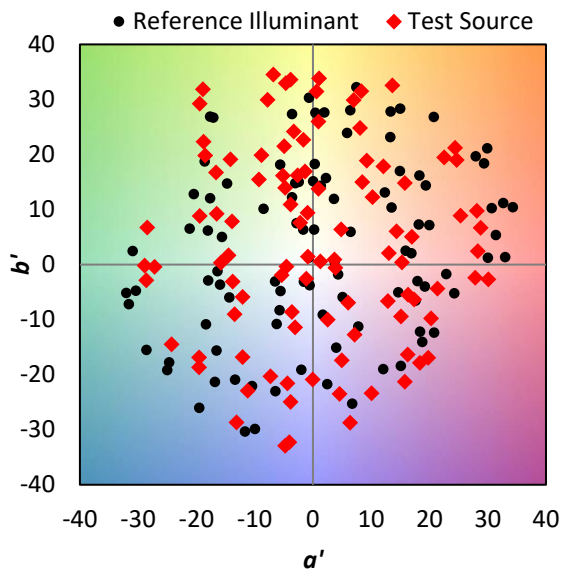
TM-30-18

Summary

$R_f = 69.9$
 $R_g = 98.3$
 CIE $R_a = 71.5$
 $R_9 = -16.1$



Color Vector Graphics



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Individual Sample Fidelity Index ($R_{f,i}$)

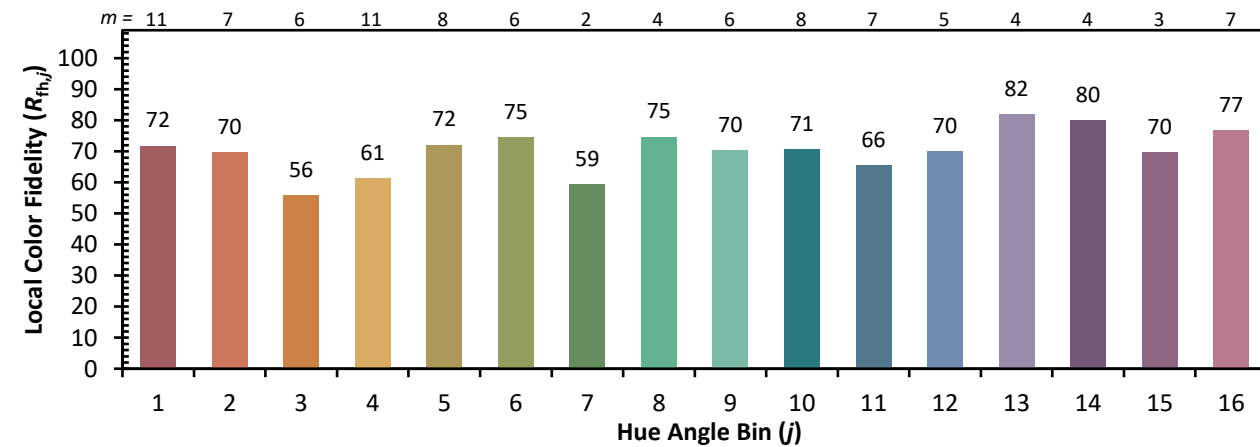
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|------------|------------|------------|------------|
| CES01 = 86 | CES26 = 54 | CES51 = 77 | CES76 = 48 |
| CES02 = 63 | CES27 = 74 | CES52 = 80 | CES77 = 75 |
| CES03 = 31 | CES28 = 80 | CES53 = 66 | CES78 = 56 |
| CES04 = 71 | CES29 = 44 | CES54 = 77 | CES79 = 81 |
| CES05 = 50 | CES30 = 46 | CES55 = 74 | CES80 = 80 |
| CES06 = 52 | CES31 = 50 | CES56 = 63 | CES81 = 73 |
| CES07 = 42 | CES32 = 49 | CES57 = 60 | CES82 = 91 |
| CES08 = 41 | CES33 = 53 | CES58 = 63 | CES83 = 84 |
| CES09 = 29 | CES34 = 66 | CES59 = 85 | CES84 = 90 |
| CES10 = 77 | CES35 = 82 | CES60 = 89 | CES85 = 87 |
| CES11 = 60 | CES36 = 78 | CES61 = 85 | CES86 = 65 |
| CES12 = 66 | CES37 = 75 | CES62 = 69 | CES87 = 78 |
| CES13 = 43 | CES38 = 53 | CES63 = 68 | CES88 = 73 |
| CES14 = 74 | CES39 = 91 | CES64 = 68 | CES89 = 68 |
| CES15 = 71 | CES40 = 85 | CES65 = 65 | CES90 = 68 |
| CES16 = 48 | CES41 = 76 | CES66 = 62 | CES91 = 91 |
| CES17 = 50 | CES42 = 76 | CES67 = 60 | CES92 = 71 |
| CES18 = 57 | CES43 = 65 | CES68 = 68 | CES93 = 82 |
| CES19 = 73 | CES44 = 98 | CES69 = 77 | CES94 = 57 |
| CES20 = 67 | CES45 = 75 | CES70 = 60 | CES95 = 78 |
| CES21 = 88 | CES46 = 70 | CES71 = 57 | CES96 = 80 |
| CES22 = 80 | CES47 = 63 | CES72 = 86 | CES97 = 79 |
| CES23 = 92 | CES48 = 51 | CES73 = 52 | CES98 = 71 |
| CES24 = 91 | CES49 = 68 | CES74 = 90 | CES99 = 64 |
| CES25 = 73 | CES50 = 77 | CES75 = 58 | |



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Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)