

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: P320354

Luminaire Tested: **GLEON-SA0A-750-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320354
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-SA0A-750-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(10) 70 CRI, 5000K, 615mA 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: 40536 lumens
Efficiency: N/A
Efficacy: 125.5 lumens/watt
Luminous Opening: Rectangular (W 2.5' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

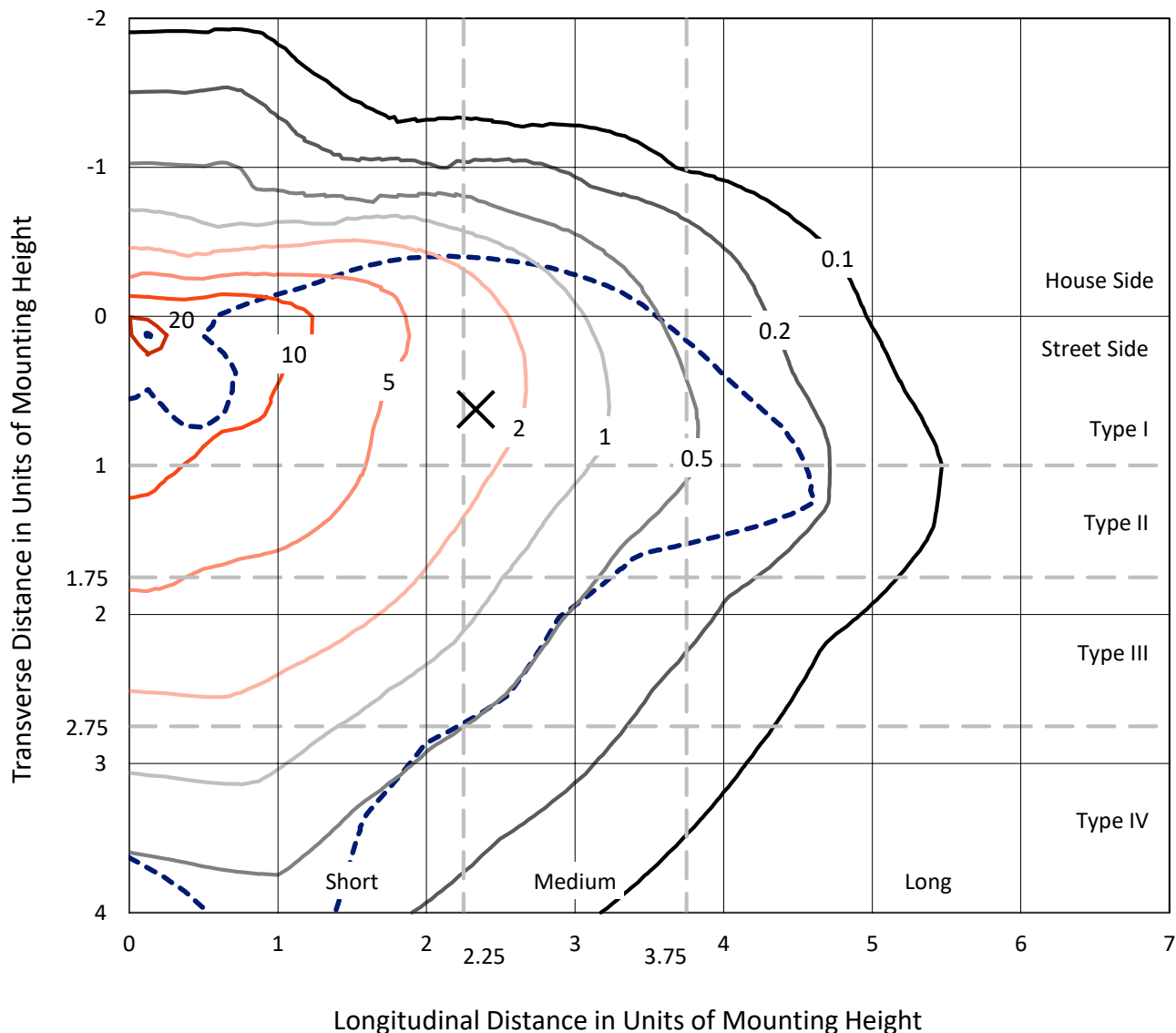
Input Watts (W): 323
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



REPORT NUMBER: P320354
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Iso-Footcandle Lines of Horizontal Illumination

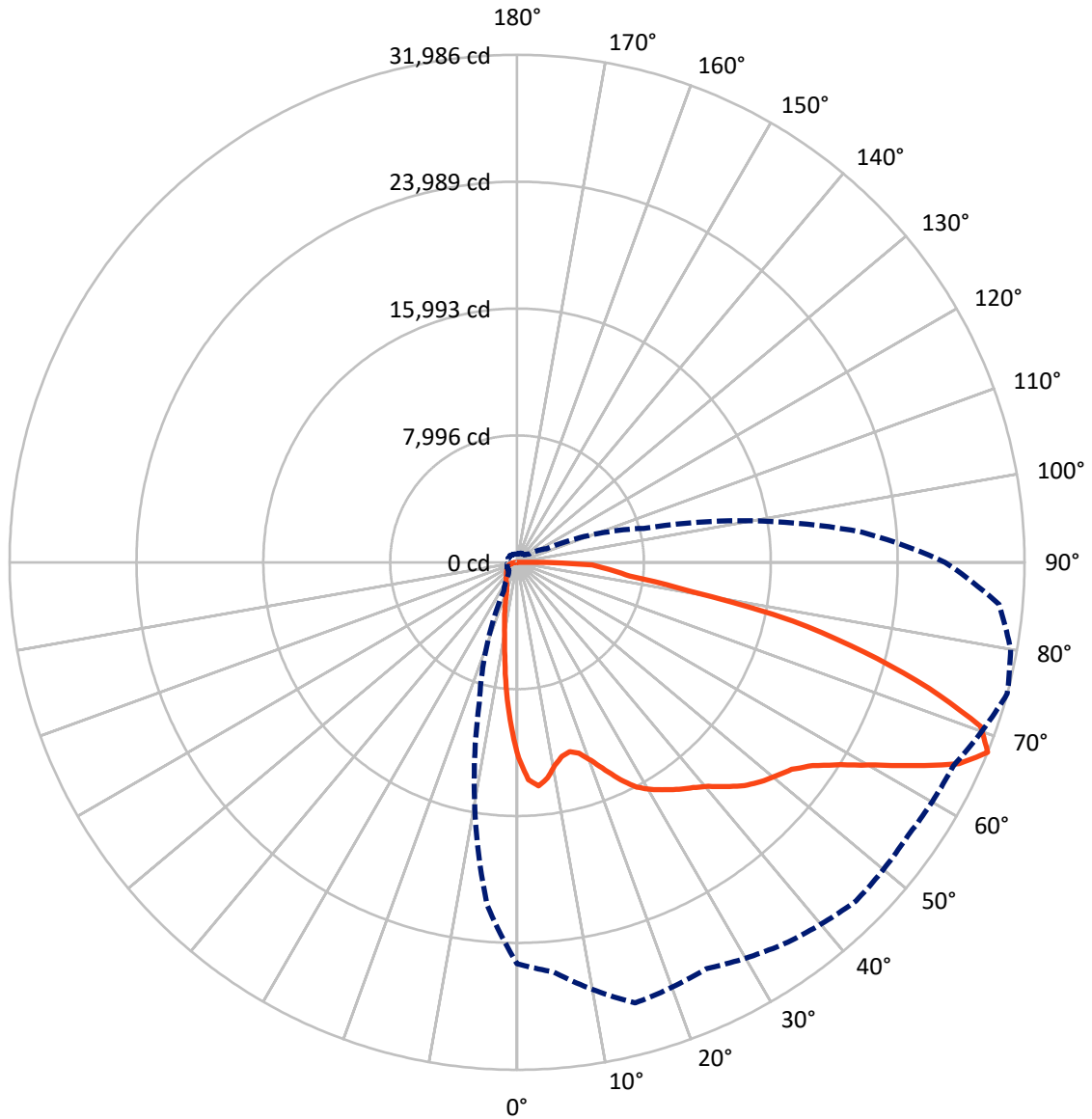
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 24.9 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 7139.4 | 0.0 | 7139.4 |
| | % Fixture | 17.6 | 0.0 | 17.6 |
| Street Side | Lumens | 33396.6 | 0.0 | 33396.6 |
| | % Fixture | 82.4 | 0.0 | 82.4 |
| Total | Lumens | 40536.0 | 0.0 | 40536.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 953.1 | 2.4 |
| 10°-20° | 1980.0 | 4.9 |
| 20°-30° | 2816.0 | 6.9 |
| 30°-40° | 4057.8 | 10.0 |
| 40°-50° | 5718.6 | 14.1 |
| 50°-60° | 7949.8 | 19.6 |
| 60°-70° | 9613.7 | 23.7 |
| 70°-80° | 5909.4 | 14.6 |
| 80°-90° | 1537.7 | 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° | 40536.0 | 100.0 |
| 0°-180° | 40536.0 | 100.0 |

Coefficient of Utilization

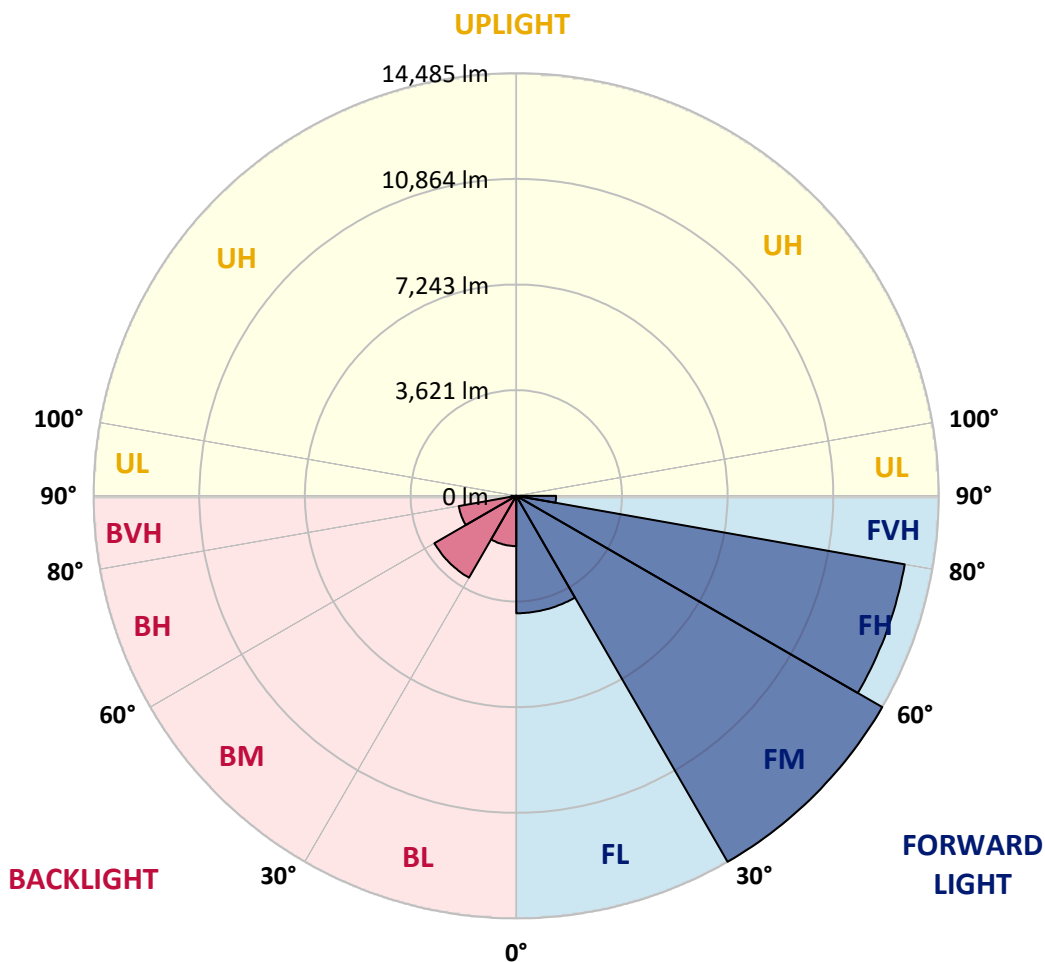


REPORT NUMBER: P320354
 CATALOG NUMBER: GLEON-SA0A-750-U-SLL

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 4024.8 | 9.9 | | | |
| FM (30°-60°) | 14485.4 | 35.7 | | | |
| FH (60°-80°) | 13521.4 | 33.4 | | | G5 |
| FVH (80°-90°) | 1364.9 | 3.4 | | | G5 |
| BL (0°-30°) | 1724.2 | 4.3 | B3/2500 | | |
| BM (30°-60°) | 3240.7 | 8.0 | B3/5000 | | |
| BH (60°-80°) | 2001.6 | 4.9 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 172.8 | 0.4 | | | 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 III Medium





REPORT NUMBER: P320354

CATALOG NUMBER: GLEON-SA0A-750-U-SLL

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 |
| 2.5° | 13163.1 | 13336.5 | 13456.4 | 13574.7 | 13667.1 | 13757.8 | 13890.7 | 14023.6 | 14049.6 | 14073.9 | 14022.0 |
| 5° | 13085.3 | 13508.3 | 13868.0 | 14226.2 | 14558.5 | 14890.7 | 15090.0 | 15289.4 | 15329.9 | 15370.4 | 15245.6 |
| 7.5° | 12247.4 | 12871.3 | 13495.3 | 14119.3 | 14691.3 | 15263.4 | 15611.9 | 15958.7 | 16038.1 | 16115.9 | 15911.7 |
| 10° | 11294.4 | 12020.5 | 12787.1 | 13553.6 | 14307.2 | 15060.9 | 15564.9 | 16068.9 | 16169.4 | 16269.9 | 16015.4 |
| 12.5° | 10570.0 | 11362.5 | 12180.9 | 12999.4 | 13795.1 | 14589.2 | 15111.1 | 15633.0 | 15757.7 | 15882.5 | 15697.8 |
| 15° | 10291.2 | 11159.9 | 11929.7 | 12699.5 | 13393.2 | 14085.2 | 14513.1 | 14939.3 | 14991.2 | 15041.4 | 15012.2 |
| 17.5° | 10570.0 | 11527.8 | 12224.7 | 12920.0 | 13297.6 | 13673.6 | 13845.4 | 14015.5 | 14072.3 | 14127.4 | 14201.9 |
| 20° | 11385.2 | 12419.2 | 12910.2 | 13399.7 | 13383.5 | 13365.6 | 13283.0 | 13198.7 | 13184.1 | 13169.5 | 13380.2 |
| 22.5° | 12548.8 | 13749.7 | 13945.8 | 14140.3 | 13684.9 | 13229.5 | 12952.4 | 12673.6 | 12618.5 | 12561.8 | 12785.4 |
| 25° | 13915.0 | 15193.8 | 15158.1 | 15120.8 | 14253.8 | 13385.1 | 12856.8 | 12328.4 | 12266.8 | 12205.2 | 12396.5 |
| 27.5° | 15401.2 | 16623.2 | 16389.8 | 16156.4 | 14978.2 | 13800.0 | 13033.4 | 12266.8 | 12205.2 | 12143.7 | 12312.2 |
| 30° | 16563.2 | 17671.8 | 17297.4 | 16923.0 | 15589.2 | 14255.4 | 13344.6 | 12433.8 | 12333.3 | 12231.2 | 12438.6 |
| 32.5° | 17547.0 | 18490.2 | 17987.8 | 17485.4 | 16085.1 | 14684.9 | 13699.5 | 12714.1 | 12556.9 | 12399.7 | 12676.9 |
| 35° | 18571.2 | 19307.0 | 18600.4 | 17892.2 | 16527.6 | 15161.3 | 14119.3 | 13075.5 | 12882.7 | 12689.8 | 13070.7 |
| 37.5° | 19723.5 | 20334.5 | 19320.0 | 18303.8 | 17025.1 | 15746.4 | 14748.1 | 13748.1 | 13550.4 | 13352.7 | 13838.9 |
| 40° | 20940.6 | 21449.5 | 20096.3 | 18743.0 | 17569.7 | 16396.3 | 15618.4 | 14838.8 | 14650.8 | 14461.2 | 15051.1 |
| 42.5° | 22005.4 | 22376.5 | 20819.1 | 19261.6 | 18226.0 | 17188.8 | 16641.0 | 16091.6 | 16090.0 | 16086.7 | 16684.8 |
| 45° | 22807.6 | 23130.2 | 21422.0 | 19712.2 | 18866.2 | 18018.6 | 17733.3 | 17448.1 | 17676.6 | 17905.1 | 18446.4 |
| 47.5° | 23473.7 | 23692.5 | 21927.6 | 20161.1 | 19598.7 | 19036.4 | 19078.5 | 19120.6 | 19585.8 | 20050.9 | 20399.3 |
| 50° | 24235.5 | 24058.8 | 22386.3 | 20712.1 | 20538.7 | 20365.3 | 20744.5 | 21122.2 | 21657.0 | 22190.2 | 22426.8 |
| 52.5° | 25060.4 | 24592.0 | 23008.6 | 21423.6 | 21618.1 | 21812.6 | 22584.0 | 23355.4 | 23895.1 | 24434.8 | 24523.9 |
| 55° | 26543.3 | 25825.3 | 24152.8 | 22478.7 | 22853.0 | 23225.8 | 24358.6 | 25489.9 | 25911.2 | 26332.6 | 26365.0 |
| 57.5° | 28214.2 | 27577.3 | 25755.6 | 23934.0 | 24335.9 | 24737.9 | 26045.7 | 27352.0 | 27807.4 | 28261.2 | 28198.0 |
| 60° | 28857.6 | 28888.4 | 27277.4 | 25664.9 | 26070.0 | 26475.2 | 27749.1 | 29022.9 | 29546.4 | 30068.2 | 29928.9 |
| 62.5° | 28209.3 | 28969.4 | 28108.8 | 27246.7 | 27614.5 | 27980.8 | 29228.7 | 30476.6 | 31013.1 | 31549.5 | 31306.4 |
| 65° | 26927.4 | 27681.0 | 28066.7 | 28452.4 | 28574.0 | 28695.5 | 29860.8 | 31024.4 | 31436.1 | 31846.1 | 31722.9 |
| 67.5° | 25297.0 | 25906.4 | 27329.3 | 28750.6 | 28505.9 | 28261.2 | 28807.4 | 29353.5 | 29776.5 | 30199.5 | 30129.8 |
| 70° | 23408.9 | 24135.0 | 26032.8 | 27930.6 | 26728.0 | 25523.9 | 25298.6 | 25073.3 | 25530.4 | 25985.8 | 25703.8 |
| 72.5° | 20023.3 | 21118.9 | 23143.1 | 25165.7 | 22950.3 | 20734.8 | 19965.0 | 19195.2 | 19773.8 | 20352.3 | 19903.4 |
| 75° | 15124.1 | 16577.8 | 18814.3 | 21049.2 | 18405.9 | 15762.6 | 14735.1 | 13707.6 | 14205.1 | 14702.7 | 14394.8 |
| 77.5° | 10518.1 | 12341.4 | 14543.9 | 16746.4 | 14059.3 | 11370.6 | 10607.3 | 9842.3 | 9991.4 | 10138.9 | 10087.0 |
| 80° | 7171.5 | 8370.7 | 9907.1 | 11441.9 | 9652.7 | 7863.5 | 7923.4 | 7981.8 | 7912.1 | 7840.8 | 7944.5 |
| 82.5° | 4497.4 | 5341.7 | 6528.0 | 7712.8 | 6763.0 | 5813.3 | 6357.9 | 6902.4 | 6635.0 | 6366.0 | 6466.5 |
| 85° | 2533.1 | 3048.5 | 4208.9 | 5367.6 | 5003.0 | 4636.7 | 4956.0 | 5273.7 | 4858.8 | 4443.9 | 4627.0 |
| 87.5° | 483.0 | 803.9 | 2328.9 | 3852.3 | 3497.4 | 3142.5 | 2730.8 | 2319.2 | 1769.8 | 1220.4 | 1782.7 |
| 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-SA0A-750-U-SLL

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 |



REPORT NUMBER: P320354

CATALOG NUMBER: GLEON-SA0A-750-U-SLL

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 |
| 2.5° | 13970.1 | 13942.6 | 13915.0 | 13816.2 | 13715.7 | 13566.6 | 13443.4 | 13229.5 | 13112.8 | 12936.2 | 12759.5 |
| 5° | 15119.2 | 14944.2 | 14769.1 | 14467.7 | 14164.6 | 13827.5 | 13440.2 | 13010.7 | 12686.6 | 12265.2 | 11843.8 |
| 7.5° | 15707.5 | 15299.1 | 14889.1 | 14310.5 | 13730.3 | 13208.4 | 12595.8 | 12025.3 | 11539.1 | 10991.4 | 10443.6 |
| 10° | 15761.0 | 15148.4 | 14534.1 | 13782.2 | 13028.5 | 12394.9 | 11689.9 | 11056.2 | 10472.7 | 9843.9 | 9213.5 |
| 12.5° | 15511.4 | 14859.9 | 14206.8 | 13378.6 | 12548.8 | 11829.2 | 11070.8 | 10360.9 | 9714.3 | 9022.3 | 8328.6 |
| 15° | 14983.1 | 14462.8 | 13941.0 | 13164.7 | 12388.4 | 11662.3 | 10926.5 | 10085.4 | 9354.5 | 8646.3 | 7936.4 |
| 17.5° | 14274.8 | 14028.5 | 13780.5 | 13219.8 | 12657.4 | 12028.6 | 11315.5 | 10328.5 | 9472.8 | 8703.0 | 7933.2 |
| 20° | 13589.3 | 13680.0 | 13769.2 | 13545.5 | 13321.9 | 12817.9 | 12195.5 | 11087.0 | 9994.7 | 8988.2 | 7980.2 |
| 22.5° | 13007.5 | 13443.4 | 13877.8 | 14051.2 | 14223.0 | 13919.9 | 13433.7 | 12151.8 | 10706.1 | 9391.8 | 8077.4 |
| 25° | 12586.1 | 13308.9 | 14031.7 | 14608.7 | 15184.0 | 15049.5 | 14675.1 | 13445.1 | 11649.4 | 9973.6 | 8296.2 |
| 27.5° | 12480.8 | 13367.3 | 14253.8 | 15148.4 | 16041.4 | 16166.2 | 16062.4 | 14808.0 | 12774.1 | 10696.4 | 8617.1 |
| 30° | 12646.1 | 13543.9 | 14440.1 | 15529.2 | 16616.7 | 17114.2 | 17253.6 | 15944.1 | 14059.3 | 11539.1 | 9017.4 |
| 32.5° | 12954.0 | 13834.0 | 14714.0 | 15900.4 | 17085.1 | 17837.1 | 18281.1 | 16983.0 | 14955.5 | 12174.5 | 9391.8 |
| 35° | 13451.5 | 14274.8 | 15098.1 | 16333.1 | 17568.0 | 18540.4 | 19350.8 | 18055.9 | 15751.3 | 12618.5 | 9484.1 |
| 37.5° | 14323.5 | 15031.7 | 15739.9 | 16880.9 | 18020.2 | 19281.1 | 20498.2 | 19237.3 | 16611.8 | 13046.4 | 9479.3 |
| 40° | 15641.1 | 16141.8 | 16641.0 | 17605.3 | 18568.0 | 20154.6 | 21798.0 | 20554.9 | 17563.2 | 13509.9 | 9456.6 |
| 42.5° | 17282.8 | 17540.5 | 17796.5 | 18559.9 | 19323.2 | 21067.0 | 22977.8 | 21843.3 | 18470.7 | 13941.0 | 9411.2 |
| 45° | 18986.1 | 19054.2 | 19122.2 | 19603.6 | 20083.3 | 21789.9 | 23781.7 | 22810.9 | 19263.2 | 14315.4 | 9365.8 |
| 47.5° | 20746.2 | 20512.8 | 20279.4 | 20470.6 | 20661.9 | 22344.1 | 24355.4 | 23545.0 | 20059.0 | 14730.2 | 9399.9 |
| 50° | 22663.4 | 22013.5 | 21363.6 | 21263.2 | 21162.7 | 22898.4 | 25031.2 | 24478.6 | 21015.2 | 15334.8 | 9654.3 |
| 52.5° | 24611.4 | 23540.2 | 22468.9 | 22071.9 | 21673.2 | 23559.6 | 25927.4 | 25640.6 | 22379.8 | 16271.5 | 10161.6 |
| 55° | 26397.4 | 25034.4 | 23671.5 | 23136.6 | 22601.8 | 24570.9 | 27021.4 | 27347.1 | 24128.5 | 17469.2 | 10808.2 |
| 57.5° | 28133.2 | 26588.7 | 25044.2 | 24548.2 | 24052.3 | 26057.1 | 28407.1 | 28878.7 | 25895.0 | 18618.2 | 11339.8 |
| 60° | 29789.5 | 28261.2 | 26731.3 | 26334.2 | 25935.5 | 27904.6 | 29904.5 | 29561.0 | 26805.8 | 19156.3 | 11505.1 |
| 62.5° | 31063.3 | 29847.8 | 28632.3 | 28423.3 | 28212.6 | 29773.3 | 31055.2 | 29295.2 | 26227.3 | 18626.3 | 11025.4 |
| 65° | 31599.8 | 30907.7 | 30214.1 | 30410.2 | 30604.7 | 31186.5 | 31342.1 | 28517.3 | 24408.9 | 17141.8 | 9874.7 |
| 67.5° | 30058.5 | 30199.5 | 30340.5 | 31163.8 | 31985.5 | 31585.2 | 30489.6 | 26984.1 | 21820.7 | 15038.2 | 8255.7 |
| 70° | 25420.2 | 26266.1 | 27110.5 | 29058.6 | 31005.0 | 30116.9 | 28206.1 | 24232.2 | 18705.7 | 12615.3 | 6523.2 |
| 72.5° | 19452.9 | 20404.2 | 21353.9 | 24245.2 | 27134.8 | 26316.4 | 23976.1 | 19903.4 | 14997.7 | 10074.1 | 5148.9 |
| 75° | 14085.2 | 15159.7 | 16232.6 | 19422.1 | 22611.5 | 21475.5 | 17934.3 | 14250.5 | 11391.7 | 7690.1 | 3986.8 |
| 77.5° | 10033.5 | 10753.1 | 11472.7 | 14623.3 | 17772.2 | 15921.4 | 11937.8 | 9589.5 | 7884.5 | 5345.0 | 2803.8 |
| 80° | 8048.2 | 7827.8 | 7607.4 | 9362.6 | 11117.8 | 10809.8 | 7895.9 | 6158.5 | 5456.8 | 3581.7 | 1706.6 |
| 82.5° | 6565.3 | 6027.3 | 5489.2 | 6315.7 | 7142.3 | 7096.9 | 5479.5 | 4518.4 | 4061.4 | 2489.3 | 917.3 |
| 85° | 4808.5 | 4593.0 | 4377.4 | 5108.3 | 5839.3 | 5215.3 | 3711.3 | 2871.8 | 3166.8 | 1833.0 | 499.2 |
| 87.5° | 2345.1 | 2679.0 | 3011.2 | 3873.4 | 4734.0 | 3554.1 | 1126.4 | 557.5 | 771.4 | 507.3 | 241.5 |
| 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: P320354
 CATALOG NUMBER: GLEON-SA0A-750-U-SLL

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: P320354
 CATALOG NUMBER: GLEON-SA0A-750-U-SLL

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 |
| 2.5° | 12628.2 | 12495.3 | 12344.6 | 12193.9 | 12022.1 | 11848.7 | 11746.6 | 11642.9 | 11531.0 | 11419.2 | 11292.8 |
| 5° | 11565.1 | 11286.3 | 10970.3 | 10654.3 | 10341.5 | 10028.7 | 9860.1 | 9691.6 | 9513.3 | 9333.4 | 9177.8 |
| 7.5° | 10038.4 | 9631.6 | 9194.0 | 8754.8 | 8365.9 | 7975.3 | 7733.8 | 7490.7 | 7270.3 | 7048.3 | 6861.9 |
| 10° | 8694.9 | 8176.3 | 7737.1 | 7296.2 | 7002.9 | 6709.6 | 6487.5 | 6265.5 | 6051.6 | 5836.0 | 5630.2 |
| 12.5° | 7810.0 | 7291.4 | 7012.6 | 6733.9 | 6490.8 | 6247.7 | 5991.6 | 5733.9 | 5440.6 | 5145.6 | 4930.1 |
| 15° | 7464.8 | 6993.2 | 6683.6 | 6372.5 | 6046.7 | 5719.3 | 5404.9 | 5090.5 | 4743.7 | 4396.9 | 4152.1 |
| 17.5° | 7315.7 | 6698.2 | 6265.5 | 5831.2 | 5401.7 | 4972.2 | 4607.6 | 4242.9 | 3863.7 | 3484.4 | 3236.5 |
| 20° | 7158.5 | 6336.8 | 5756.6 | 5174.8 | 4623.8 | 4072.7 | 3659.5 | 3246.2 | 2907.5 | 2568.8 | 2379.1 |
| 22.5° | 7015.9 | 5952.7 | 5225.0 | 4495.7 | 3844.2 | 3192.7 | 2787.5 | 2380.8 | 2173.3 | 1965.9 | 1889.7 |
| 25° | 6957.5 | 5617.2 | 4722.6 | 3828.0 | 3140.9 | 2452.1 | 2163.6 | 1875.1 | 1795.7 | 1714.7 | 1675.8 |
| 27.5° | 6967.2 | 5317.4 | 4299.6 | 3280.2 | 2661.1 | 2042.0 | 1844.3 | 1646.6 | 1598.0 | 1547.7 | 1523.4 |
| 30° | 7004.5 | 4991.7 | 3900.9 | 2810.2 | 2299.7 | 1789.2 | 1661.2 | 1531.5 | 1479.7 | 1427.8 | 1397.0 |
| 32.5° | 7046.7 | 4699.9 | 3593.0 | 2484.5 | 2068.0 | 1649.8 | 1544.5 | 1437.5 | 1387.3 | 1337.1 | 1306.3 |
| 35° | 6973.7 | 4461.7 | 3382.3 | 2303.0 | 1918.9 | 1533.2 | 1444.0 | 1353.3 | 1298.2 | 1243.1 | 1213.9 |
| 37.5° | 6850.6 | 4221.8 | 3218.6 | 2213.8 | 1821.6 | 1427.8 | 1363.0 | 1296.5 | 1239.8 | 1181.5 | 1153.9 |
| 40° | 6738.7 | 4019.3 | 3097.1 | 2173.3 | 1768.1 | 1361.4 | 1306.3 | 1251.2 | 1192.8 | 1132.8 | 1100.4 |
| 42.5° | 6648.0 | 3883.1 | 2977.2 | 2071.2 | 1719.5 | 1366.2 | 1288.4 | 1209.0 | 1152.3 | 1095.6 | 1059.9 |
| 45° | 6579.9 | 3794.0 | 2883.2 | 1972.4 | 1674.1 | 1375.9 | 1277.1 | 1178.2 | 1121.5 | 1063.2 | 1021.0 |
| 47.5° | 6573.4 | 3747.0 | 2816.7 | 1886.5 | 1588.3 | 1288.4 | 1247.9 | 1207.4 | 1124.7 | 1040.5 | 991.8 |
| 50° | 6662.6 | 3670.8 | 2738.9 | 1805.4 | 1505.6 | 1205.8 | 1260.9 | 1314.4 | 1173.4 | 1030.7 | 969.2 |
| 52.5° | 6848.9 | 3536.3 | 2615.8 | 1695.2 | 1405.1 | 1113.4 | 1199.3 | 1283.6 | 1162.0 | 1038.8 | 959.4 |
| 55° | 7074.2 | 3338.6 | 2429.4 | 1518.6 | 1272.2 | 1024.3 | 1100.4 | 1175.0 | 1098.8 | 1021.0 | 925.4 |
| 57.5° | 7215.2 | 3089.0 | 2194.4 | 1299.8 | 1123.1 | 946.5 | 990.2 | 1032.4 | 1001.6 | 970.8 | 873.5 |
| 60° | 7130.9 | 2756.8 | 1930.2 | 1102.1 | 991.8 | 881.6 | 873.5 | 863.8 | 909.2 | 954.6 | 842.7 |
| 62.5° | 6719.3 | 2413.2 | 1696.8 | 980.5 | 897.8 | 813.6 | 795.7 | 776.3 | 850.9 | 923.8 | 805.5 |
| 65° | 6024.0 | 2173.3 | 1549.4 | 925.4 | 833.0 | 740.6 | 721.2 | 701.7 | 724.4 | 747.1 | 692.0 |
| 67.5° | 5140.8 | 2025.8 | 1465.1 | 904.3 | 792.5 | 679.1 | 656.4 | 633.7 | 628.8 | 624.0 | 604.5 |
| 70° | 4229.9 | 1935.1 | 1410.0 | 884.9 | 748.7 | 611.0 | 589.9 | 568.9 | 562.4 | 554.3 | 539.7 |
| 72.5° | 3536.3 | 1923.7 | 1403.5 | 883.3 | 713.1 | 542.9 | 523.5 | 504.0 | 495.9 | 486.2 | 474.9 |
| 75° | 2896.1 | 1805.4 | 1332.2 | 859.0 | 664.5 | 468.4 | 450.5 | 432.7 | 426.2 | 418.1 | 408.4 |
| 77.5° | 2149.0 | 1494.3 | 1119.9 | 745.5 | 568.9 | 392.2 | 374.4 | 354.9 | 353.3 | 350.1 | 342.0 |
| 80° | 1393.8 | 1081.0 | 800.6 | 520.2 | 414.9 | 307.9 | 293.3 | 277.1 | 278.8 | 280.4 | 273.9 |
| 82.5° | 774.7 | 630.4 | 489.4 | 348.4 | 283.6 | 218.8 | 212.3 | 204.2 | 209.1 | 212.3 | 204.2 |
| 85° | 408.4 | 317.7 | 262.5 | 207.4 | 163.7 | 119.9 | 119.9 | 118.3 | 124.8 | 131.3 | 124.8 |
| 87.5° | 176.7 | 111.8 | 95.6 | 77.8 | 43.8 | 8.1 | 9.7 | 9.7 | 13.0 | 16.2 | 14.6 |
| 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: P320354
 CATALOG NUMBER: GLEON-SA0A-750-U-SLL

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: P320354

CATALOG NUMBER: GLEON-SA0A-750-U-SLL

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 |
| 2.5° | 11164.8 | 11046.5 | 10926.5 | 10795.3 | 10819.6 | 10719.1 | 10618.6 | 10555.4 | 10492.2 | 10472.7 | 10453.3 |
| 5° | 9022.3 | 8887.7 | 8751.6 | 8630.1 | 8735.4 | 8664.1 | 8592.8 | 8583.1 | 8571.7 | 8571.7 | 8570.1 |
| 7.5° | 6675.5 | 6531.3 | 6385.4 | 6284.9 | 6388.7 | 6375.7 | 6362.7 | 6432.4 | 6502.1 | 6558.8 | 6613.9 |
| 10° | 5424.4 | 5249.3 | 5072.7 | 4923.6 | 4897.7 | 4823.1 | 4746.9 | 4763.1 | 4777.7 | 4839.3 | 4900.9 |
| 12.5° | 4714.5 | 4505.5 | 4296.4 | 4121.4 | 4041.9 | 3918.8 | 3794.0 | 3716.2 | 3638.4 | 3646.5 | 3653.0 |
| 15° | 3905.8 | 3703.2 | 3499.0 | 3348.3 | 3298.1 | 3202.4 | 3106.8 | 3009.6 | 2910.7 | 2870.2 | 2828.1 |
| 17.5° | 2986.9 | 2824.8 | 2661.1 | 2560.7 | 2560.7 | 2533.1 | 2505.6 | 2456.9 | 2406.7 | 2366.2 | 2324.0 |
| 20° | 2189.5 | 2103.6 | 2016.1 | 1974.0 | 1986.9 | 1988.6 | 1988.6 | 2012.9 | 2037.2 | 2024.2 | 2011.2 |
| 22.5° | 1811.9 | 1781.1 | 1750.3 | 1732.5 | 1739.0 | 1740.6 | 1742.2 | 1764.9 | 1786.0 | 1802.2 | 1816.8 |
| 25° | 1635.3 | 1615.8 | 1596.4 | 1589.9 | 1604.5 | 1606.1 | 1606.1 | 1620.7 | 1635.3 | 1651.5 | 1667.7 |
| 27.5° | 1497.5 | 1489.4 | 1481.3 | 1469.9 | 1484.5 | 1484.5 | 1482.9 | 1499.1 | 1513.7 | 1528.3 | 1541.3 |
| 30° | 1366.2 | 1369.5 | 1371.1 | 1367.8 | 1377.6 | 1384.0 | 1388.9 | 1400.3 | 1410.0 | 1421.3 | 1432.7 |
| 32.5° | 1273.8 | 1269.0 | 1264.1 | 1260.9 | 1281.9 | 1293.3 | 1304.6 | 1316.0 | 1325.7 | 1330.6 | 1335.4 |
| 35° | 1184.7 | 1173.4 | 1162.0 | 1153.9 | 1173.4 | 1187.9 | 1202.5 | 1223.6 | 1243.1 | 1246.3 | 1249.5 |
| 37.5° | 1124.7 | 1110.2 | 1095.6 | 1085.8 | 1094.0 | 1100.4 | 1106.9 | 1129.6 | 1152.3 | 1165.3 | 1176.6 |
| 40° | 1068.0 | 1053.4 | 1038.8 | 1030.7 | 1035.6 | 1037.2 | 1038.8 | 1050.2 | 1059.9 | 1084.2 | 1106.9 |
| 42.5° | 1022.6 | 1004.8 | 987.0 | 977.3 | 980.5 | 983.7 | 985.4 | 983.7 | 982.1 | 1004.8 | 1027.5 |
| 45° | 977.3 | 957.8 | 938.4 | 927.0 | 928.6 | 928.6 | 928.6 | 925.4 | 920.5 | 931.9 | 943.2 |
| 47.5° | 941.6 | 918.9 | 896.2 | 884.9 | 881.6 | 878.4 | 875.2 | 873.5 | 870.3 | 878.4 | 884.9 |
| 50° | 906.0 | 881.6 | 855.7 | 842.7 | 834.6 | 831.4 | 828.2 | 826.5 | 823.3 | 831.4 | 837.9 |
| 52.5° | 878.4 | 849.2 | 820.1 | 799.0 | 790.9 | 786.0 | 781.2 | 782.8 | 782.8 | 786.0 | 787.6 |
| 55° | 829.8 | 803.9 | 776.3 | 761.7 | 747.1 | 743.9 | 740.6 | 745.5 | 748.7 | 748.7 | 748.7 |
| 57.5° | 776.3 | 752.0 | 726.1 | 716.3 | 703.4 | 703.4 | 701.7 | 708.2 | 713.1 | 716.3 | 719.6 |
| 60° | 729.3 | 701.7 | 674.2 | 666.1 | 661.2 | 659.6 | 658.0 | 666.1 | 672.6 | 679.1 | 685.5 |
| 62.5° | 685.5 | 656.4 | 627.2 | 617.5 | 615.9 | 617.5 | 617.5 | 625.6 | 632.1 | 638.5 | 645.0 |
| 65° | 636.9 | 607.8 | 577.0 | 567.2 | 570.5 | 575.3 | 580.2 | 586.7 | 591.5 | 598.0 | 604.5 |
| 67.5° | 583.4 | 559.1 | 533.2 | 523.5 | 525.1 | 531.6 | 538.1 | 542.9 | 546.2 | 552.6 | 559.1 |
| 70° | 525.1 | 504.0 | 483.0 | 476.5 | 474.9 | 483.0 | 489.4 | 492.7 | 495.9 | 504.0 | 510.5 |
| 72.5° | 461.9 | 444.1 | 426.2 | 421.4 | 423.0 | 427.9 | 432.7 | 437.6 | 440.8 | 448.9 | 455.4 |
| 75° | 397.1 | 380.9 | 364.7 | 361.4 | 364.7 | 369.5 | 374.4 | 377.6 | 380.9 | 390.6 | 398.7 |
| 77.5° | 333.9 | 316.0 | 296.6 | 295.0 | 299.8 | 304.7 | 307.9 | 312.8 | 317.7 | 330.6 | 343.6 |
| 80° | 267.4 | 248.0 | 226.9 | 225.3 | 230.1 | 235.0 | 239.9 | 244.7 | 249.6 | 265.8 | 280.4 |
| 82.5° | 196.1 | 173.4 | 150.7 | 147.5 | 163.7 | 168.5 | 173.4 | 181.5 | 188.0 | 202.6 | 217.2 |
| 85° | 118.3 | 95.6 | 72.9 | 71.3 | 85.9 | 94.0 | 102.1 | 111.8 | 119.9 | 132.9 | 145.9 |
| 87.5° | 13.0 | 6.5 | 0.0 | 0.0 | 1.6 | 8.1 | 14.6 | 22.7 | 30.8 | 43.8 | 55.1 |
| 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: P320354
 CATALOG NUMBER: GLEON-SA0A-750-U-SLL

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: P320354

CATALOG NUMBER: GLEON-SA0A-750-U-SLL

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 |
| 2.5° | 10382.0 | 10309.1 | 10383.6 | 10456.5 | 10487.3 | 10518.1 | 10438.7 | 10357.7 | 10484.1 | 10608.9 | 10641.3 |
| 5° | 8505.3 | 8438.8 | 8489.1 | 8537.7 | 8429.1 | 8320.5 | 8309.2 | 8296.2 | 8390.2 | 8484.2 | 8498.8 |
| 7.5° | 6592.9 | 6571.8 | 6618.8 | 6665.8 | 6528.0 | 6388.7 | 6320.6 | 6252.5 | 6275.2 | 6297.9 | 6294.7 |
| 10° | 4915.5 | 4928.4 | 4986.8 | 5043.5 | 4936.6 | 4829.6 | 4782.6 | 4735.6 | 4787.5 | 4837.7 | 4884.7 |
| 12.5° | 3682.2 | 3709.7 | 3771.3 | 3831.3 | 3787.5 | 3742.1 | 3747.0 | 3751.8 | 3811.8 | 3870.2 | 3922.0 |
| 15° | 2860.5 | 2892.9 | 2936.6 | 2978.8 | 2980.4 | 2980.4 | 3022.5 | 3063.1 | 3058.2 | 3053.3 | 3089.0 |
| 17.5° | 2367.8 | 2409.9 | 2414.8 | 2419.7 | 2421.3 | 2422.9 | 2419.7 | 2416.4 | 2392.1 | 2367.8 | 2395.3 |
| 20° | 2027.5 | 2042.0 | 2055.0 | 2066.4 | 2051.8 | 2035.6 | 1995.0 | 1954.5 | 1938.3 | 1922.1 | 1948.0 |
| 22.5° | 1844.3 | 1870.2 | 1857.3 | 1842.7 | 1813.5 | 1782.7 | 1751.9 | 1719.5 | 1717.9 | 1714.7 | 1729.3 |
| 25° | 1690.4 | 1711.4 | 1688.7 | 1666.0 | 1645.0 | 1623.9 | 1602.8 | 1581.8 | 1580.2 | 1578.5 | 1585.0 |
| 27.5° | 1562.3 | 1581.8 | 1560.7 | 1539.6 | 1521.8 | 1504.0 | 1487.8 | 1471.6 | 1468.3 | 1465.1 | 1466.7 |
| 30° | 1452.1 | 1469.9 | 1452.1 | 1432.7 | 1419.7 | 1405.1 | 1393.8 | 1382.4 | 1380.8 | 1379.2 | 1379.2 |
| 32.5° | 1353.3 | 1371.1 | 1358.1 | 1345.2 | 1333.8 | 1322.5 | 1314.4 | 1306.3 | 1298.2 | 1290.1 | 1272.2 |
| 35° | 1267.4 | 1285.2 | 1277.1 | 1267.4 | 1254.4 | 1241.4 | 1226.8 | 1210.6 | 1189.6 | 1166.9 | 1157.2 |
| 37.5° | 1194.4 | 1212.3 | 1204.2 | 1196.1 | 1178.2 | 1160.4 | 1134.5 | 1106.9 | 1100.4 | 1092.3 | 1090.7 |
| 40° | 1136.1 | 1163.6 | 1147.4 | 1129.6 | 1102.1 | 1074.5 | 1061.5 | 1048.6 | 1045.3 | 1042.1 | 1038.8 |
| 42.5° | 1071.3 | 1113.4 | 1084.2 | 1055.1 | 1029.1 | 1003.2 | 1000.0 | 996.7 | 995.1 | 993.5 | 993.5 |
| 45° | 990.2 | 1035.6 | 1006.4 | 975.6 | 961.1 | 946.5 | 946.5 | 946.5 | 948.1 | 948.1 | 951.3 |
| 47.5° | 914.1 | 941.6 | 927.0 | 912.4 | 904.3 | 896.2 | 897.8 | 899.5 | 904.3 | 907.6 | 915.7 |
| 50° | 849.2 | 859.0 | 862.2 | 863.8 | 859.0 | 854.1 | 857.3 | 859.0 | 863.8 | 867.1 | 873.5 |
| 52.5° | 802.2 | 816.8 | 816.8 | 815.2 | 815.2 | 815.2 | 818.4 | 821.7 | 826.5 | 831.4 | 837.9 |
| 55° | 771.4 | 792.5 | 786.0 | 779.5 | 781.2 | 781.2 | 784.4 | 787.6 | 792.5 | 795.7 | 805.5 |
| 57.5° | 742.3 | 765.0 | 758.5 | 752.0 | 752.0 | 752.0 | 753.6 | 755.2 | 760.1 | 763.3 | 769.8 |
| 60° | 708.2 | 730.9 | 724.4 | 716.3 | 718.0 | 719.6 | 721.2 | 721.2 | 724.4 | 726.1 | 726.1 |
| 62.5° | 667.7 | 690.4 | 683.9 | 675.8 | 680.7 | 683.9 | 683.9 | 683.9 | 687.2 | 688.8 | 683.9 |
| 65° | 625.6 | 646.6 | 640.2 | 633.7 | 640.2 | 645.0 | 648.3 | 649.9 | 648.3 | 646.6 | 641.8 |
| 67.5° | 580.2 | 601.3 | 594.8 | 586.7 | 594.8 | 601.3 | 607.8 | 612.6 | 607.8 | 602.9 | 596.4 |
| 70° | 531.6 | 552.6 | 544.5 | 536.4 | 544.5 | 552.6 | 559.1 | 565.6 | 559.1 | 552.6 | 551.0 |
| 72.5° | 479.7 | 504.0 | 494.3 | 484.6 | 494.3 | 504.0 | 507.3 | 510.5 | 505.6 | 500.8 | 497.5 |
| 75° | 423.0 | 447.3 | 439.2 | 429.5 | 437.6 | 445.7 | 447.3 | 448.9 | 448.9 | 447.3 | 437.6 |
| 77.5° | 363.0 | 382.5 | 377.6 | 372.8 | 377.6 | 382.5 | 382.5 | 382.5 | 384.1 | 384.1 | 371.1 |
| 80° | 291.7 | 303.1 | 304.7 | 306.3 | 307.9 | 309.5 | 307.9 | 306.3 | 303.1 | 299.8 | 291.7 |
| 82.5° | 217.2 | 217.2 | 230.1 | 241.5 | 241.5 | 239.9 | 238.2 | 235.0 | 228.5 | 220.4 | 202.6 |
| 85° | 137.8 | 129.7 | 150.7 | 170.2 | 170.2 | 168.5 | 165.3 | 160.4 | 147.5 | 132.9 | 118.3 |
| 87.5° | 47.0 | 38.9 | 60.0 | 81.0 | 82.7 | 82.7 | 79.4 | 76.2 | 63.2 | 48.6 | 37.3 |
| 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: P320354
 CATALOG NUMBER: GLEON-SA0A-750-U-SLL

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: P320354
 CATALOG NUMBER: GLEON-SA0A-750-U-SLL

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 |
| 2.5° | 10689.9 | 10711.0 | 10730.4 | 10889.3 | 11046.5 | 11231.2 | 11416.0 | 11557.0 | 11696.4 | 11840.6 | 11984.8 |
| 5° | 8549.0 | 8574.9 | 8600.9 | 8793.7 | 8985.0 | 9242.7 | 9500.3 | 9722.4 | 9944.4 | 10205.3 | 10466.3 |
| 7.5° | 6336.8 | 6393.5 | 6448.6 | 6654.5 | 6858.7 | 7135.8 | 7411.3 | 7701.4 | 7989.9 | 8330.2 | 8670.6 |
| 10° | 4977.1 | 5084.0 | 5189.4 | 5400.1 | 5610.7 | 5884.6 | 6156.9 | 6460.0 | 6763.0 | 7098.5 | 7432.4 |
| 12.5° | 4029.0 | 4171.6 | 4312.6 | 4565.4 | 4818.2 | 5145.6 | 5471.4 | 5808.5 | 6143.9 | 6438.9 | 6733.9 |
| 15° | 3183.0 | 3338.6 | 3492.5 | 3759.9 | 4027.4 | 4387.1 | 4745.3 | 5113.2 | 5479.5 | 5832.8 | 6186.1 |
| 17.5° | 2482.9 | 2610.9 | 2737.3 | 2964.2 | 3189.5 | 3537.9 | 3886.4 | 4272.1 | 4657.8 | 5088.9 | 5518.4 |
| 20° | 2003.1 | 2056.6 | 2110.1 | 2273.8 | 2435.9 | 2719.5 | 3001.5 | 3395.3 | 3789.1 | 4304.5 | 4819.9 |
| 22.5° | 1755.2 | 1782.7 | 1808.7 | 1888.1 | 1965.9 | 2149.0 | 2330.5 | 2679.0 | 3025.8 | 3588.2 | 4148.9 |
| 25° | 1606.1 | 1627.1 | 1648.2 | 1700.1 | 1751.9 | 1839.5 | 1927.0 | 2171.7 | 2416.4 | 2969.1 | 3520.1 |
| 27.5° | 1471.6 | 1504.0 | 1534.8 | 1559.1 | 1581.8 | 1641.7 | 1700.1 | 1860.5 | 2021.0 | 2536.3 | 3050.1 |
| 30° | 1374.3 | 1385.7 | 1397.0 | 1434.3 | 1469.9 | 1531.5 | 1593.1 | 1704.9 | 1816.8 | 2252.7 | 2687.1 |
| 32.5° | 1260.9 | 1277.1 | 1293.3 | 1332.2 | 1371.1 | 1427.8 | 1484.5 | 1575.3 | 1664.4 | 2037.2 | 2408.3 |
| 35° | 1158.8 | 1175.0 | 1191.2 | 1230.1 | 1267.4 | 1328.9 | 1388.9 | 1465.1 | 1539.6 | 1863.8 | 2187.9 |
| 37.5° | 1095.6 | 1111.8 | 1128.0 | 1162.0 | 1194.4 | 1256.0 | 1316.0 | 1375.9 | 1434.3 | 1734.1 | 2033.9 |
| 40° | 1042.1 | 1058.3 | 1074.5 | 1106.9 | 1137.7 | 1197.7 | 1256.0 | 1306.3 | 1356.5 | 1636.9 | 1917.2 |
| 42.5° | 995.1 | 1012.9 | 1030.7 | 1063.2 | 1094.0 | 1147.4 | 1200.9 | 1267.4 | 1332.2 | 1552.6 | 1771.4 |
| 45° | 956.2 | 974.0 | 990.2 | 1025.9 | 1061.5 | 1113.4 | 1165.3 | 1257.6 | 1350.0 | 1508.8 | 1667.7 |
| 47.5° | 920.5 | 940.0 | 957.8 | 996.7 | 1035.6 | 1100.4 | 1163.6 | 1241.4 | 1317.6 | 1474.8 | 1632.0 |
| 50° | 886.5 | 909.2 | 931.9 | 978.9 | 1024.3 | 1132.8 | 1239.8 | 1251.2 | 1260.9 | 1447.3 | 1632.0 |
| 52.5° | 854.1 | 880.0 | 906.0 | 964.3 | 1021.0 | 1147.4 | 1273.8 | 1233.3 | 1191.2 | 1395.4 | 1599.6 |
| 55° | 821.7 | 844.4 | 865.4 | 936.7 | 1008.1 | 1100.4 | 1192.8 | 1139.3 | 1084.2 | 1298.2 | 1512.1 |
| 57.5° | 777.9 | 802.2 | 824.9 | 901.1 | 977.3 | 1042.1 | 1105.3 | 1056.7 | 1006.4 | 1187.9 | 1367.8 |
| 60° | 732.5 | 760.1 | 787.6 | 884.9 | 980.5 | 969.2 | 956.2 | 946.5 | 935.1 | 1064.8 | 1194.4 |
| 62.5° | 692.0 | 721.2 | 750.4 | 876.8 | 1003.2 | 925.4 | 847.6 | 855.7 | 862.2 | 957.8 | 1053.4 |
| 65° | 651.5 | 680.7 | 708.2 | 771.4 | 834.6 | 803.9 | 773.1 | 786.0 | 797.4 | 891.4 | 985.4 |
| 67.5° | 606.1 | 632.1 | 656.4 | 677.4 | 698.5 | 701.7 | 705.0 | 718.0 | 730.9 | 842.7 | 953.0 |
| 70° | 555.9 | 577.0 | 598.0 | 612.6 | 625.6 | 632.1 | 636.9 | 653.1 | 669.3 | 790.9 | 912.4 |
| 72.5° | 499.2 | 517.0 | 533.2 | 546.2 | 559.1 | 564.0 | 567.2 | 583.4 | 599.6 | 729.3 | 859.0 |
| 75° | 437.6 | 452.2 | 465.1 | 476.5 | 487.8 | 494.3 | 500.8 | 512.1 | 523.5 | 664.5 | 803.9 |
| 77.5° | 369.5 | 384.1 | 397.1 | 406.8 | 414.9 | 421.4 | 426.2 | 440.8 | 455.4 | 573.7 | 690.4 |
| 80° | 288.5 | 306.3 | 322.5 | 330.6 | 337.1 | 338.7 | 338.7 | 351.7 | 364.7 | 448.9 | 531.6 |
| 82.5° | 204.2 | 223.7 | 241.5 | 248.0 | 254.4 | 254.4 | 254.4 | 269.0 | 283.6 | 340.3 | 395.4 |
| 85° | 119.9 | 141.0 | 160.4 | 166.9 | 173.4 | 176.7 | 178.3 | 184.8 | 189.6 | 230.1 | 269.0 |
| 87.5° | 37.3 | 55.1 | 71.3 | 74.6 | 77.8 | 84.3 | 90.8 | 92.4 | 92.4 | 119.9 | 147.5 |
| 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: P320354
 CATALOG NUMBER: GLEON-SA0A-750-U-SLL

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 |



REPORT NUMBER: P320354
 CATALOG NUMBER: GLEON-SA0A-750-U-SLL

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 | 12349.5 |
| 2.5° | 12150.1 | 12315.4 | 12508.3 | 12699.5 | 12863.2 | 13026.9 | 13163.1 |
| 5° | 10798.5 | 11130.7 | 11537.5 | 11942.7 | 12304.1 | 12665.5 | 13085.3 |
| 7.5° | 9100.0 | 9529.5 | 10056.2 | 10583.0 | 11093.5 | 11602.4 | 12247.4 |
| 10° | 7870.0 | 8305.9 | 8863.4 | 9419.3 | 9993.0 | 10565.1 | 11294.4 |
| 12.5° | 7088.8 | 7442.1 | 7981.8 | 8521.5 | 9195.7 | 9868.2 | 10570.0 |
| 15° | 6573.4 | 6959.1 | 7484.2 | 8009.3 | 8746.7 | 9484.1 | 10291.2 |
| 17.5° | 6024.0 | 6528.0 | 7200.6 | 7873.2 | 8746.7 | 9618.7 | 10570.0 |
| 20° | 5448.7 | 6075.9 | 6947.8 | 7819.7 | 8996.3 | 10171.3 | 11385.2 |
| 22.5° | 4875.0 | 5601.0 | 6719.3 | 7835.9 | 9373.9 | 10910.3 | 12548.8 |
| 25° | 4358.0 | 5195.9 | 6579.9 | 7962.3 | 9923.3 | 11882.7 | 13915.0 |
| 27.5° | 3965.8 | 4879.8 | 6523.2 | 8164.9 | 10620.2 | 13075.5 | 15401.2 |
| 30° | 3617.3 | 4547.6 | 6455.1 | 8362.6 | 11291.2 | 14218.1 | 16563.2 |
| 32.5° | 3315.9 | 4223.5 | 6323.8 | 8422.6 | 11759.6 | 15096.5 | 17547.0 |
| 35° | 3079.3 | 3970.6 | 6103.4 | 8236.2 | 12052.9 | 15869.6 | 18571.2 |
| 37.5° | 2875.1 | 3716.2 | 5852.2 | 7988.3 | 12313.8 | 16639.4 | 19723.5 |
| 40° | 2680.6 | 3443.9 | 5636.7 | 7827.8 | 12673.6 | 17519.4 | 20940.6 |
| 42.5° | 2495.8 | 3220.3 | 5463.3 | 7706.3 | 13007.5 | 18307.1 | 22005.4 |
| 45° | 2358.1 | 3048.5 | 5309.3 | 7568.5 | 13223.0 | 18877.5 | 22807.6 |
| 47.5° | 2290.0 | 2946.4 | 5226.7 | 7505.3 | 13438.6 | 19370.2 | 23473.7 |
| 50° | 2280.3 | 2928.5 | 5320.6 | 7712.8 | 13905.3 | 20096.3 | 24235.5 |
| 52.5° | 2278.7 | 2957.7 | 5591.3 | 8224.9 | 14772.4 | 21318.3 | 25060.4 |
| 55° | 2244.6 | 2975.5 | 5913.8 | 8850.5 | 15936.0 | 23020.0 | 26543.3 |
| 57.5° | 2140.9 | 2914.0 | 6246.1 | 9576.5 | 17166.1 | 24754.1 | 28214.2 |
| 60° | 1980.5 | 2764.9 | 6519.9 | 10273.4 | 17992.6 | 25710.3 | 28857.6 |
| 62.5° | 1779.5 | 2503.9 | 6610.7 | 10715.9 | 17970.0 | 25224.1 | 28209.3 |
| 65° | 1607.7 | 2230.0 | 6312.5 | 10393.3 | 17060.8 | 23726.6 | 26927.4 |
| 67.5° | 1455.4 | 1956.1 | 5567.0 | 9176.2 | 15425.5 | 21673.2 | 25297.0 |
| 70° | 1345.2 | 1776.3 | 4605.9 | 7435.6 | 13378.6 | 19320.0 | 23408.9 |
| 72.5° | 1275.5 | 1690.4 | 3755.1 | 5818.2 | 10856.8 | 15893.9 | 20023.3 |
| 75° | 1179.8 | 1555.8 | 2946.4 | 4335.3 | 8309.2 | 12283.0 | 15124.1 |
| 77.5° | 1001.6 | 1311.1 | 2220.3 | 3129.5 | 6096.9 | 9062.8 | 10518.1 |
| 80° | 773.1 | 1012.9 | 1526.7 | 2040.4 | 4195.9 | 6351.4 | 7171.5 |
| 82.5° | 551.0 | 706.6 | 925.4 | 1144.2 | 2787.5 | 4429.3 | 4497.4 |
| 85° | 340.3 | 411.6 | 530.0 | 648.3 | 1844.3 | 3040.4 | 2533.1 |
| 87.5° | 183.1 | 218.8 | 280.4 | 340.3 | 589.9 | 839.5 | 483.0 |
| 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: P320354
 CATALOG NUMBER: GLEON-SA0A-750-U-SLL

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: SP1-1908-441-4-R4

Test Date: 10/02/2019

Luminaire Tested: SA1C-750-U-5WQ

Data in this report applies to families of products SA1C-760-U-5WQ .

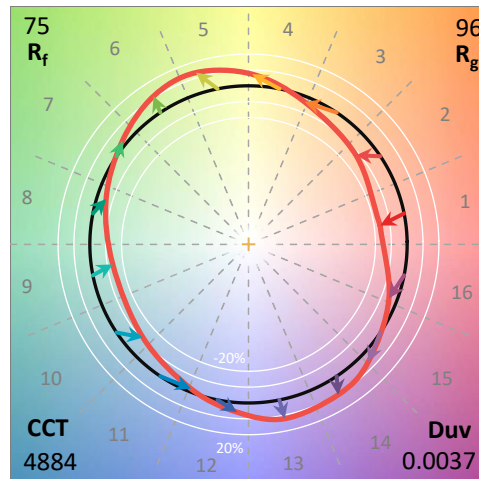
Test Information

Test Method: LM-79-2008
 Report Number: SP1-1908-441-4-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-750-U-5WQ**
 Description: McGRAW EDISON ROADWAY AND AREA LUMINAIRE

THIS IS A REVISION OF SP1-1908-441-4-R3. TO UPDATE THE CATALOG INFORMATION.TESTED IN SITU. ROADWAY AND AREA LUMINAIRE. (1) 70 CRI, 5000K, 1050MA LIGHTSQUARE WITH 16 LEDS AND TYPE V WIDE OPTICS.

Spectral Parameters

| | | | | | |
|---------------------------|--------|-----------|------|------|-------|
| CCT (K): | 4884 | CRI (Ra): | 73.5 | R9: | -28.4 |
| CIE u': | 0.2101 | R1: | 70.5 | R10: | 48.6 |
| CIE v': | 0.4904 | R2: | 77.7 | R11: | 73.2 |
| Duv: | 0.0037 | R3: | 84.6 | R12: | 50.7 |
| CIE x: | 0.3493 | R4: | 74.7 | R13: | 71.2 |
| CIE y: | 0.3624 | R5: | 71.9 | R14: | 91.4 |
| CIE z: | 0.2884 | R6: | 70.7 | | |
| Peak Wavelength (nm): | 444 | R7: | 81.2 | | |
| Dominant Wavelength (nm): | 571 | R8: | 56.9 | | |
| Purity: | 13.7 | | | | |
| Rf: | 74.9 | | | | |
| Rg: | 96.3 | | | | |



Test Conditions

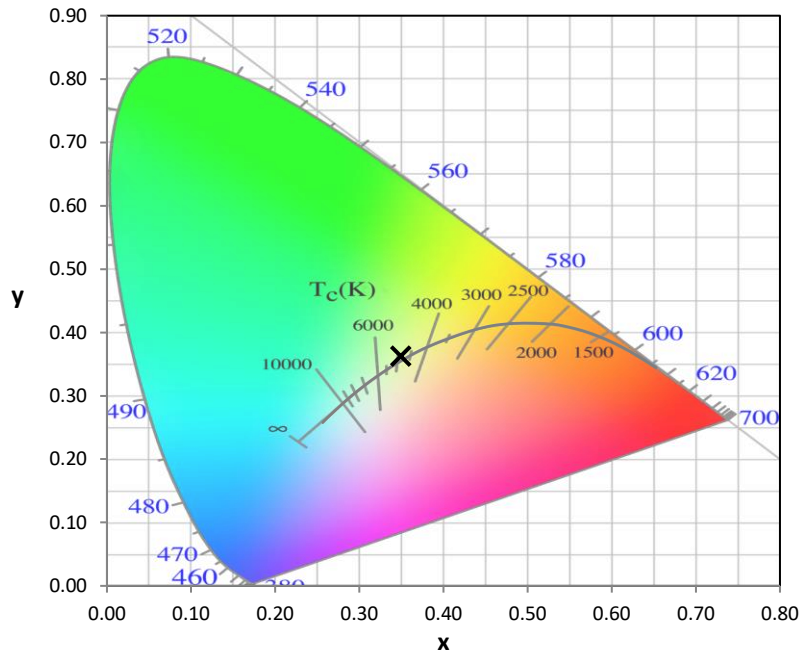
Stabilization Time: 240M
 Operation Time: 12H
 Room Temperature (°C) / RH%: 25.0./44%
 Sphere Temperature (°C): 25.7

REPORT NUMBER: SP1-1908-441-4-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: SP1-1908-441-4-R4

CIE 1931 Chromaticity Diagram



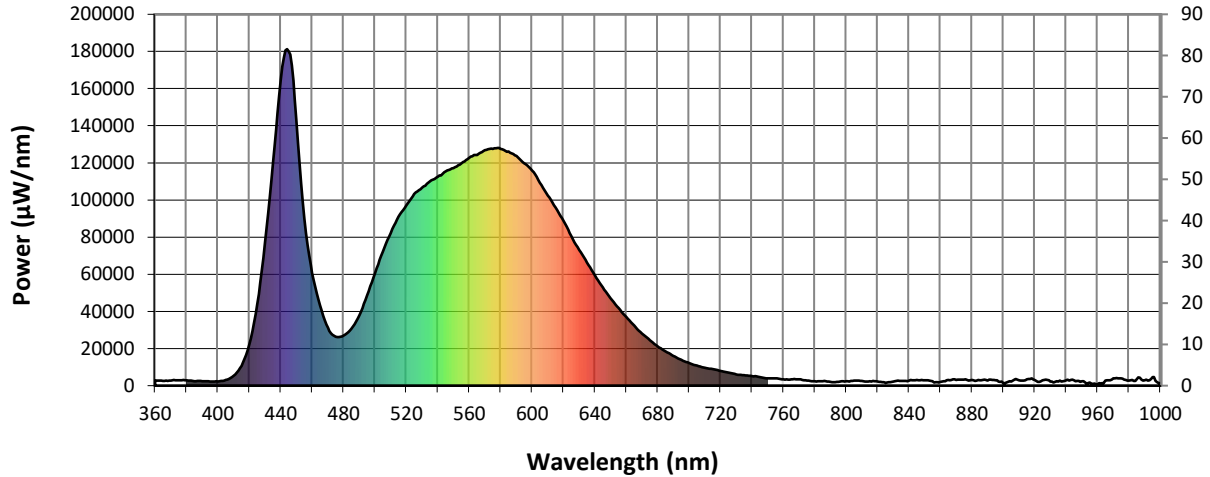
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-1908-441-4-R4

Photopic Flux vs. Wavelength



#####

| 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 | 2945 | NR | 490 | 37941 | NR | 620 | 88803 | NR | 750 | 3908 | NR | 880 | 2997 | NR |
| 365 | 2596 | NR | 495 | 48525 | NR | 625 | 80578 | NR | 755 | 3988 | NR | 885 | 2927 | NR |
| 370 | 2732 | NR | 500 | 60609 | NR | 630 | 73127 | NR | 760 | 3335 | NR | 890 | 2649 | NR |
| 375 | 2894 | NR | 505 | 72036 | NR | 635 | 66244 | NR | 765 | 3438 | NR | 895 | 2828 | NR |
| 380 | 2822 | NR | 510 | 82168 | NR | 640 | 59440 | NR | 770 | 3427 | NR | 900 | 1407 | NR |
| 385 | 2394 | NR | 515 | 90898 | NR | 645 | 52864 | NR | 775 | 2759 | NR | 905 | 2224 | NR |
| 390 | 2370 | NR | 520 | 97142 | NR | 650 | 47085 | NR | 780 | 2340 | NR | 910 | 2905 | NR |
| 395 | 2267 | NR | 525 | 103255 | NR | 655 | 41789 | NR | 785 | 2412 | NR | 915 | 3350 | NR |
| 400 | 2262 | NR | 530 | 106697 | NR | 660 | 37064 | NR | 790 | 1999 | NR | 920 | 3114 | NR |
| 405 | 3000 | NR | 535 | 110081 | NR | 665 | 32299 | NR | 795 | 2054 | NR | 925 | 2834 | NR |
| 410 | 5324 | NR | 540 | 112494 | NR | 670 | 28142 | NR | 800 | 2331 | NR | 930 | 2271 | NR |
| 415 | 10725 | NR | 545 | 115513 | NR | 675 | 24505 | NR | 805 | 2648 | NR | 935 | 2228 | NR |
| 420 | 22128 | NR | 550 | 117203 | NR | 680 | 21162 | NR | 810 | 2485 | NR | 940 | 2833 | NR |
| 425 | 44095 | NR | 555 | 119753 | NR | 685 | 18400 | NR | 815 | 2409 | NR | 945 | 2941 | NR |
| 430 | 77002 | NR | 560 | 122602 | NR | 690 | 16065 | NR | 820 | 2221 | NR | 950 | 2323 | NR |
| 435 | 119881 | NR | 565 | 124314 | NR | 695 | 13860 | NR | 825 | 1562 | NR | 955 | 1667 | NR |
| 440 | 164454 | NR | 570 | 126775 | NR | 700 | 12177 | NR | 830 | 2249 | NR | 960 | 749 | NR |
| 445 | 179997 | NR | 575 | 127511 | NR | 705 | 10757 | NR | 835 | 2573 | NR | 965 | 2669 | NR |
| 450 | 142822 | NR | 580 | 127577 | NR | 710 | 9601 | NR | 840 | 2764 | NR | 970 | 3968 | NR |
| 455 | 90008 | NR | 585 | 126153 | NR | 715 | 8944 | NR | 845 | 3109 | NR | 975 | 3886 | NR |
| 460 | 60557 | NR | 590 | 123678 | NR | 720 | 7947 | NR | 850 | 2963 | NR | 980 | 2788 | NR |
| 465 | 43305 | NR | 595 | 119774 | NR | 725 | 7062 | NR | 855 | 2336 | NR | 985 | 3496 | NR |
| 470 | 31089 | NR | 600 | 115733 | NR | 730 | 6004 | NR | 860 | 2118 | NR | 990 | 2913 | NR |
| 475 | 26278 | NR | 605 | 109231 | NR | 735 | 5594 | NR | 865 | 3144 | NR | 995 | 4659 | NR |
| 480 | 27060 | NR | 610 | 102408 | NR | 740 | 5165 | NR | 870 | 3069 | NR | 1000 | 1308 | NR |
| 485 | 30698 | NR | 615 | 96015 | NR | 745 | 4687 | NR | 875 | 3311 | NR | | | |

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Scotopic Flux vs. Wavelength



Scotopic Lumens: 13493.5 S/P: 1.77

| 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 | 2945 | NR | 490 | 37941 | NR | 620 | 88803 | NR | 750 | 3908 | NR | 880 | 2997 | NR |
| 365 | 2596 | NR | 495 | 48525 | NR | 625 | 80578 | NR | 755 | 3988 | NR | 885 | 2927 | NR |
| 370 | 2732 | NR | 500 | 60609 | NR | 630 | 73127 | NR | 760 | 3335 | NR | 890 | 2649 | NR |
| 375 | 2894 | NR | 505 | 72036 | NR | 635 | 66244 | NR | 765 | 3438 | NR | 895 | 2828 | NR |
| 380 | 2822 | NR | 510 | 82168 | NR | 640 | 59440 | NR | 770 | 3427 | NR | 900 | 1407 | NR |
| 385 | 2394 | NR | 515 | 90898 | NR | 645 | 52864 | NR | 775 | 2759 | NR | 905 | 2224 | NR |
| 390 | 2370 | NR | 520 | 97142 | NR | 650 | 47085 | NR | 780 | 2340 | NR | 910 | 2905 | NR |
| 395 | 2267 | NR | 525 | 103255 | NR | 655 | 41789 | NR | 785 | 2412 | NR | 915 | 3350 | NR |
| 400 | 2262 | NR | 530 | 106697 | NR | 660 | 37064 | NR | 790 | 1999 | NR | 920 | 3114 | NR |
| 405 | 3000 | NR | 535 | 110081 | NR | 665 | 32299 | NR | 795 | 2054 | NR | 925 | 2834 | NR |
| 410 | 5324 | NR | 540 | 112494 | NR | 670 | 28142 | NR | 800 | 2331 | NR | 930 | 2271 | NR |
| 415 | 10725 | NR | 545 | 115513 | NR | 675 | 24505 | NR | 805 | 2648 | NR | 935 | 2228 | NR |
| 420 | 22128 | NR | 550 | 117203 | NR | 680 | 21162 | NR | 810 | 2485 | NR | 940 | 2833 | NR |
| 425 | 44095 | NR | 555 | 119753 | NR | 685 | 18400 | NR | 815 | 2409 | NR | 945 | 2941 | NR |
| 430 | 77002 | NR | 560 | 122602 | NR | 690 | 16065 | NR | 820 | 2221 | NR | 950 | 2323 | NR |
| 435 | 119881 | NR | 565 | 124314 | NR | 695 | 13860 | NR | 825 | 1562 | NR | 955 | 1667 | NR |
| 440 | 164454 | NR | 570 | 126775 | NR | 700 | 12177 | NR | 830 | 2249 | NR | 960 | 749 | NR |
| 445 | 179997 | NR | 575 | 127511 | NR | 705 | 10757 | NR | 835 | 2573 | NR | 965 | 2669 | NR |
| 450 | 142822 | NR | 580 | 127577 | NR | 710 | 9601 | NR | 840 | 2764 | NR | 970 | 3968 | NR |
| 455 | 90008 | NR | 585 | 126153 | NR | 715 | 8944 | NR | 845 | 3109 | NR | 975 | 3886 | NR |
| 460 | 60557 | NR | 590 | 123678 | NR | 720 | 7947 | NR | 850 | 2963 | NR | 980 | 2788 | NR |
| 465 | 43305 | NR | 595 | 119774 | NR | 725 | 7062 | NR | 855 | 2336 | NR | 985 | 3496 | NR |
| 470 | 31089 | NR | 600 | 115733 | NR | 730 | 6004 | NR | 860 | 2118 | NR | 990 | 2913 | NR |
| 475 | 26278 | NR | 605 | 109231 | NR | 735 | 5594 | NR | 865 | 3144 | NR | 995 | 4659 | NR |
| 480 | 27060 | NR | 610 | 102408 | NR | 740 | 5165 | NR | 870 | 3069 | NR | 1000 | 1308 | NR |
| 485 | 30698 | NR | 615 | 96015 | NR | 745 | 4687 | NR | 875 | 3311 | NR | | | |

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Melanopic Flux vs. Wavelength



Melanopic Lumens: 5378.9 M/P: 0.71

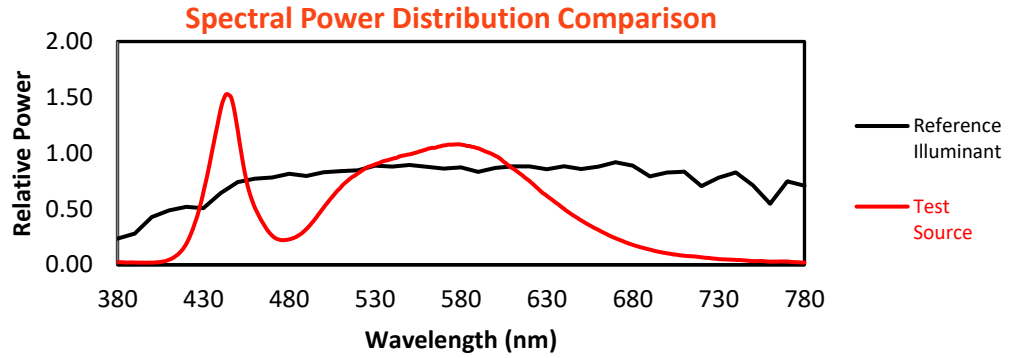
| λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) |
|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|
| 360 | 2945 | NR | 490 | 37941 | NR | 620 | 88803 | NR | 750 | 3908 | NR | 880 | 2997 | NR |
| 365 | 2596 | NR | 495 | 48525 | NR | 625 | 80578 | NR | 755 | 3988 | NR | 885 | 2927 | NR |
| 370 | 2732 | NR | 500 | 60609 | NR | 630 | 73127 | NR | 760 | 3335 | NR | 890 | 2649 | NR |
| 375 | 2894 | NR | 505 | 72036 | NR | 635 | 66244 | NR | 765 | 3438 | NR | 895 | 2828 | NR |
| 380 | 2822 | NR | 510 | 82168 | NR | 640 | 59440 | NR | 770 | 3427 | NR | 900 | 1407 | NR |
| 385 | 2394 | NR | 515 | 90898 | NR | 645 | 52864 | NR | 775 | 2759 | NR | 905 | 2224 | NR |
| 390 | 2370 | NR | 520 | 97142 | NR | 650 | 47085 | NR | 780 | 2340 | NR | 910 | 2905 | NR |
| 395 | 2267 | NR | 525 | 103255 | NR | 655 | 41789 | NR | 785 | 2412 | NR | 915 | 3350 | NR |
| 400 | 2262 | NR | 530 | 106697 | NR | 660 | 37064 | NR | 790 | 1999 | NR | 920 | 3114 | NR |
| 405 | 3000 | NR | 535 | 110081 | NR | 665 | 32299 | NR | 795 | 2054 | NR | 925 | 2834 | NR |
| 410 | 5324 | NR | 540 | 112494 | NR | 670 | 28142 | NR | 800 | 2331 | NR | 930 | 2271 | NR |
| 415 | 10725 | NR | 545 | 115513 | NR | 675 | 24505 | NR | 805 | 2648 | NR | 935 | 2228 | NR |
| 420 | 22128 | NR | 550 | 117203 | NR | 680 | 21162 | NR | 810 | 2485 | NR | 940 | 2833 | NR |
| 425 | 44095 | NR | 555 | 119753 | NR | 685 | 18400 | NR | 815 | 2409 | NR | 945 | 2941 | NR |
| 430 | 77002 | NR | 560 | 122602 | NR | 690 | 16065 | NR | 820 | 2221 | NR | 950 | 2323 | NR |
| 435 | 119881 | NR | 565 | 124314 | NR | 695 | 13860 | NR | 825 | 1562 | NR | 955 | 1667 | NR |
| 440 | 164454 | NR | 570 | 126775 | NR | 700 | 12177 | NR | 830 | 2249 | NR | 960 | 749 | NR |
| 445 | 179997 | NR | 575 | 127511 | NR | 705 | 10757 | NR | 835 | 2573 | NR | 965 | 2669 | NR |
| 450 | 142822 | NR | 580 | 127577 | NR | 710 | 9601 | NR | 840 | 2764 | NR | 970 | 3968 | NR |
| 455 | 90008 | NR | 585 | 126153 | NR | 715 | 8944 | NR | 845 | 3109 | NR | 975 | 3886 | NR |
| 460 | 60557 | NR | 590 | 123678 | NR | 720 | 7947 | NR | 850 | 2963 | NR | 980 | 2788 | NR |
| 465 | 43305 | NR | 595 | 119774 | NR | 725 | 7062 | NR | 855 | 2336 | NR | 985 | 3496 | NR |
| 470 | 31089 | NR | 600 | 115733 | NR | 730 | 6004 | NR | 860 | 2118 | NR | 990 | 2913 | NR |
| 475 | 26278 | NR | 605 | 109231 | NR | 735 | 5594 | NR | 865 | 3144 | NR | 995 | 4659 | NR |
| 480 | 27060 | NR | 610 | 102408 | NR | 740 | 5165 | NR | 870 | 3069 | NR | 1000 | 1308 | NR |
| 485 | 30698 | NR | 615 | 96015 | NR | 745 | 4687 | NR | 875 | 3311 | NR | | | |

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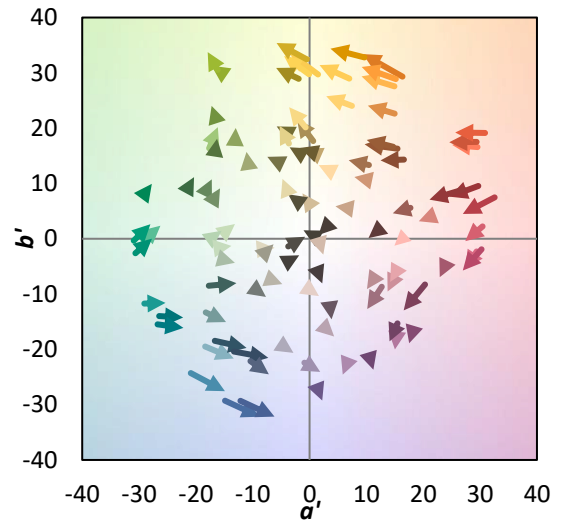
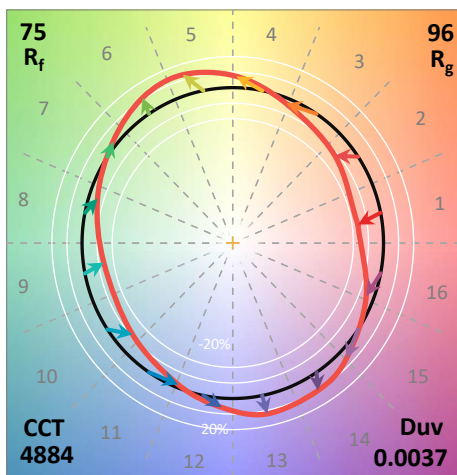
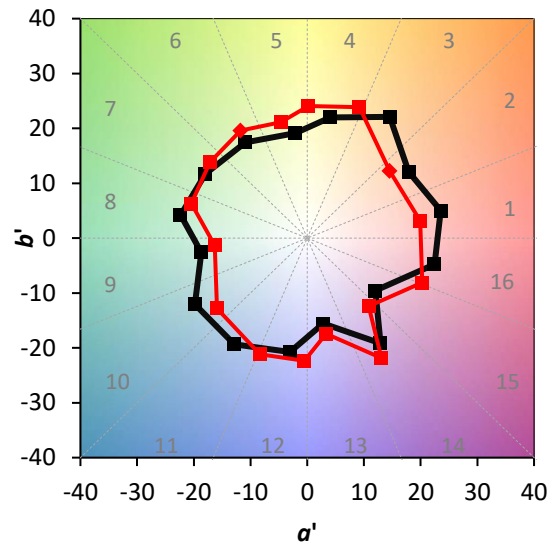
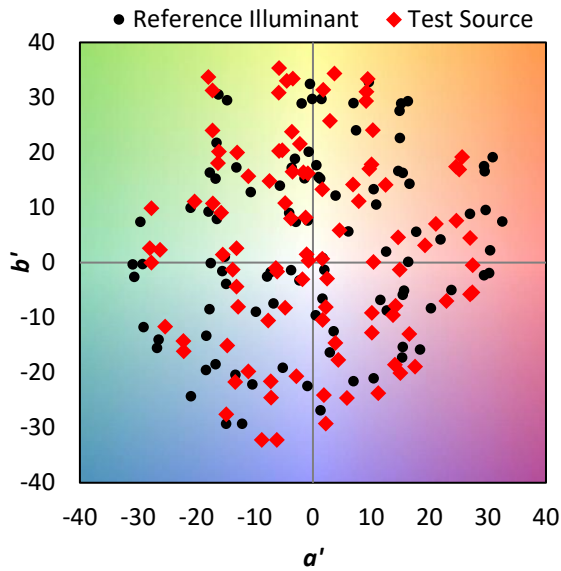
TM-30-18

Summary

$R_f = 74.9$
 $R_g = 96.3$
 CIE $R_a = 73.5$
 $R_g = -28.4$



Color Vector Graphics

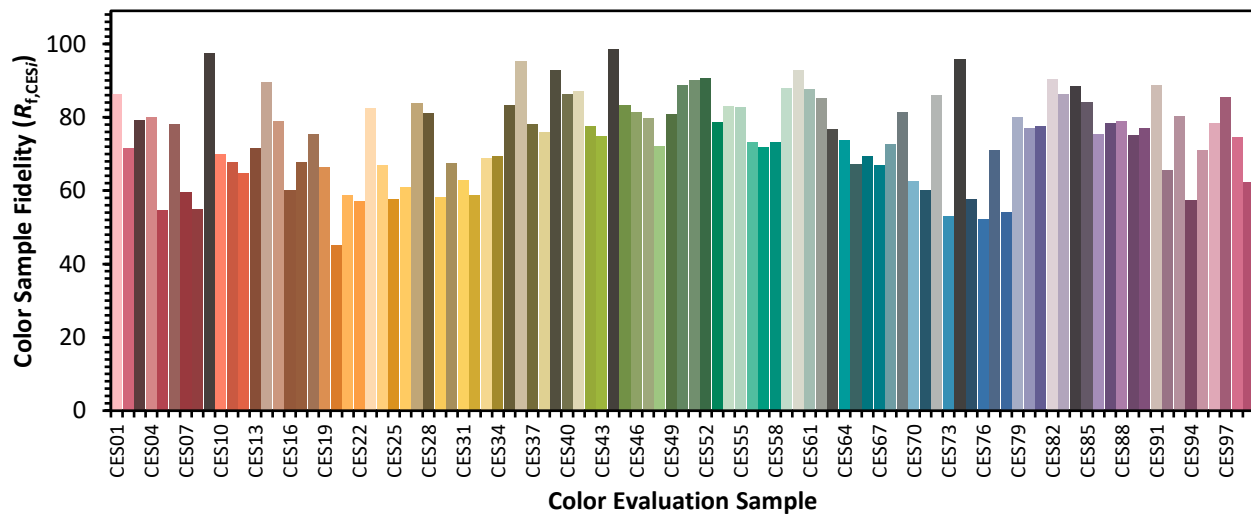


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Individual Sample Fidelity Index ($R_{f,i}$)

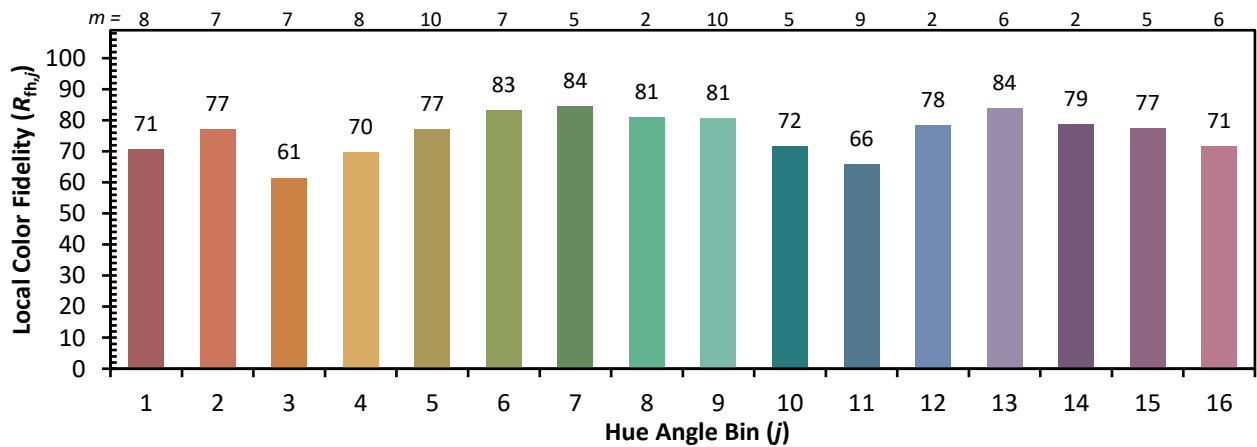
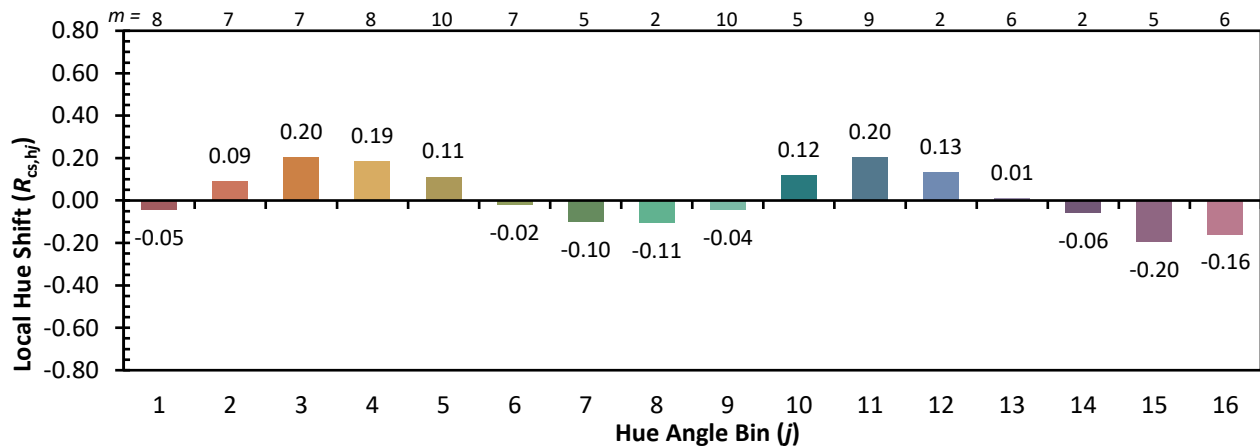
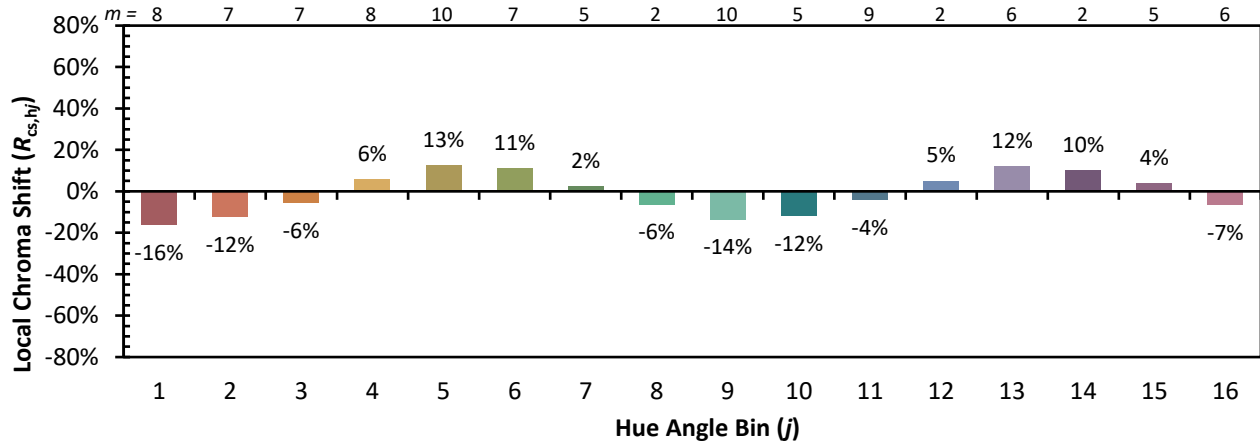
| | | | |
|------------|------------|------------|------------|
| CES01 = 85 | CES26 = 61 | CES51 = 90 | CES76 = 52 |
| CES02 = 60 | CES27 = 84 | CES52 = 91 | CES77 = 71 |
| CES03 = 30 | CES28 = 81 | CES53 = 79 | CES78 = 54 |
| CES04 = 69 | CES29 = 58 | CES54 = 83 | CES79 = 80 |
| CES05 = 46 | CES30 = 67 | CES55 = 83 | CES80 = 77 |
| CES06 = 50 | CES31 = 63 | CES56 = 73 | CES81 = 77 |
| CES07 = 39 | CES32 = 59 | CES57 = 72 | CES82 = 90 |
| CES08 = 38 | CES33 = 69 | CES58 = 73 | CES83 = 86 |
| CES09 = 29 | CES34 = 69 | CES59 = 88 | CES84 = 88 |
| CES10 = 73 | CES35 = 83 | CES60 = 93 | CES85 = 84 |
| CES11 = 56 | CES36 = 95 | CES61 = 88 | CES86 = 75 |
| CES12 = 61 | CES37 = 78 | CES62 = 85 | CES87 = 78 |
| CES13 = 41 | CES38 = 76 | CES63 = 77 | CES88 = 79 |
| CES14 = 74 | CES39 = 93 | CES64 = 74 | CES89 = 75 |
| CES15 = 70 | CES40 = 86 | CES65 = 67 | CES90 = 77 |
| CES16 = 46 | CES41 = 87 | CES66 = 69 | CES91 = 89 |
| CES17 = 49 | CES42 = 78 | CES67 = 67 | CES92 = 66 |
| CES18 = 55 | CES43 = 75 | CES68 = 73 | CES93 = 80 |
| CES19 = 71 | CES44 = 99 | CES69 = 81 | CES94 = 57 |
| CES20 = 64 | CES45 = 83 | CES70 = 63 | CES95 = 71 |
| CES21 = 85 | CES46 = 81 | CES71 = 60 | CES96 = 78 |
| CES22 = 77 | CES47 = 80 | CES72 = 86 | CES97 = 85 |
| CES23 = 91 | CES48 = 72 | CES73 = 53 | CES98 = 75 |
| CES24 = 90 | CES49 = 81 | CES74 = 96 | CES99 = 62 |
| CES25 = 71 | CES50 = 89 | CES75 = 58 | |



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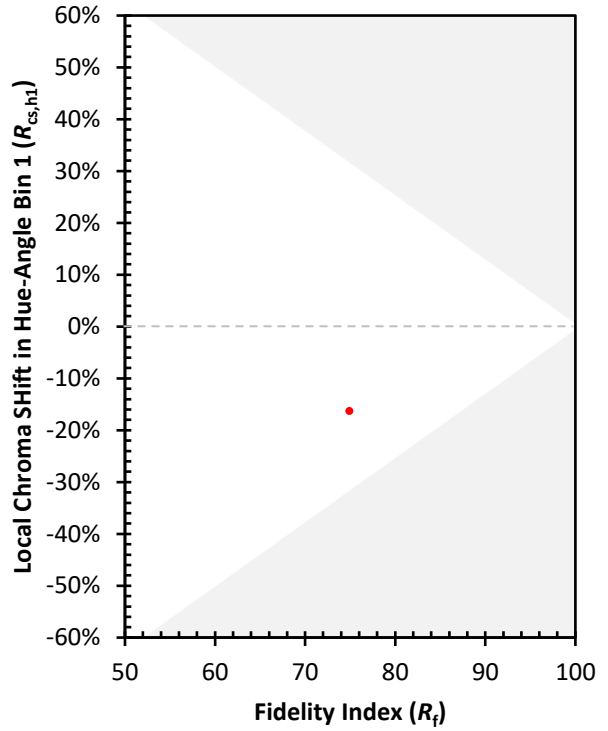
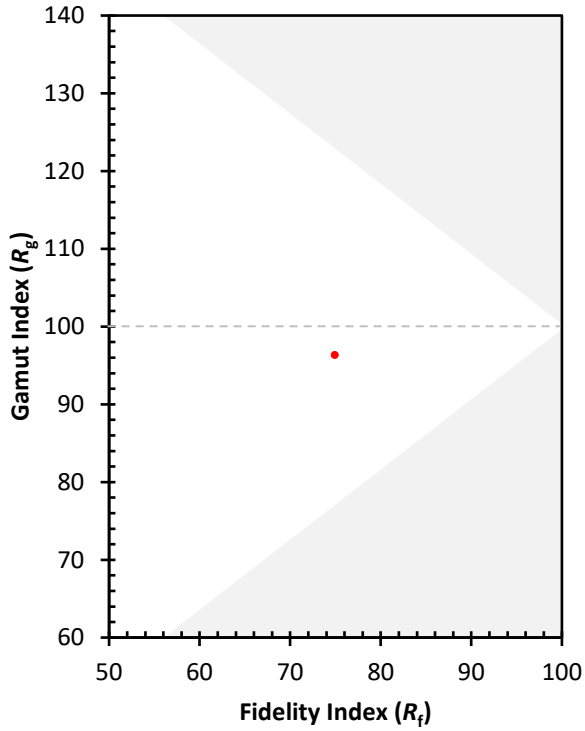
Color Rendition by Hue-Angle Bin



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Measure Comparisons



(END OF REPORT)