

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: P383451

Luminaire Tested: **GLEON-SA7C-735-U-SLL**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P383451
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-SA7C-735-U-SLL
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 70 CRI, 3500K, 1050mA 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: 40957.4 lumens
Efficiency: N/A
Efficacy: 104.8 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B3 - U0 - G5

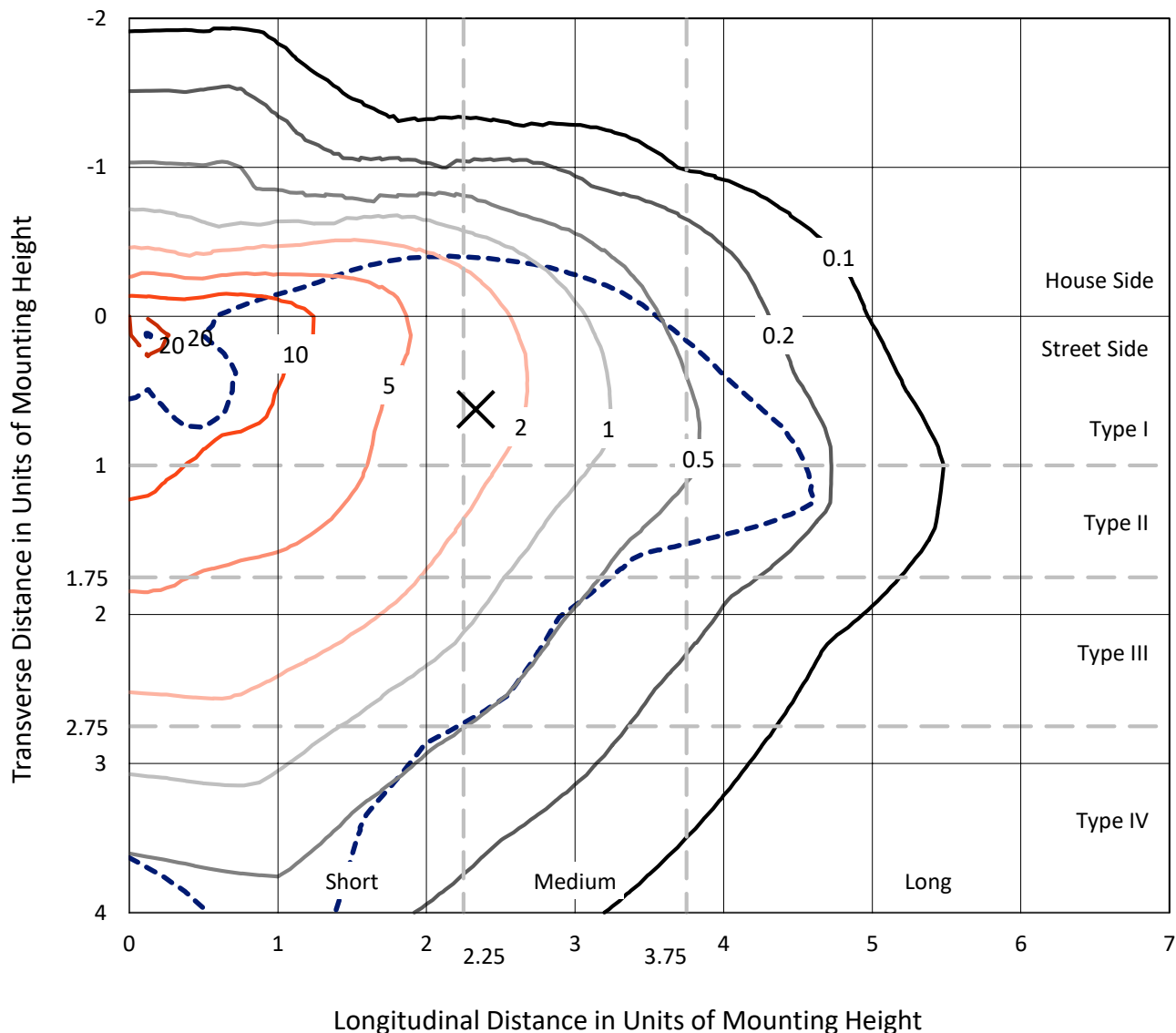
Input Watts (W): 391
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

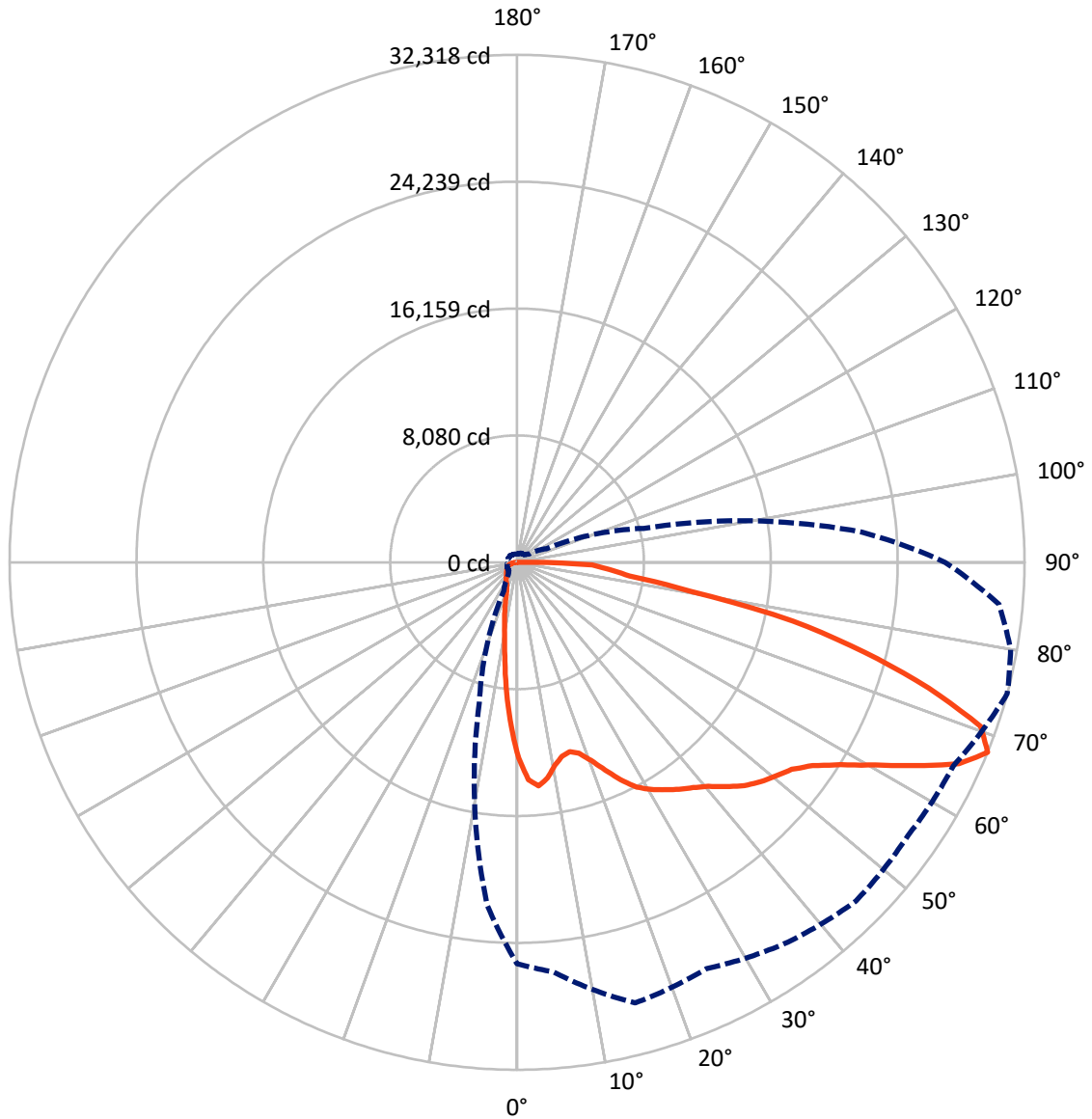
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 25.1 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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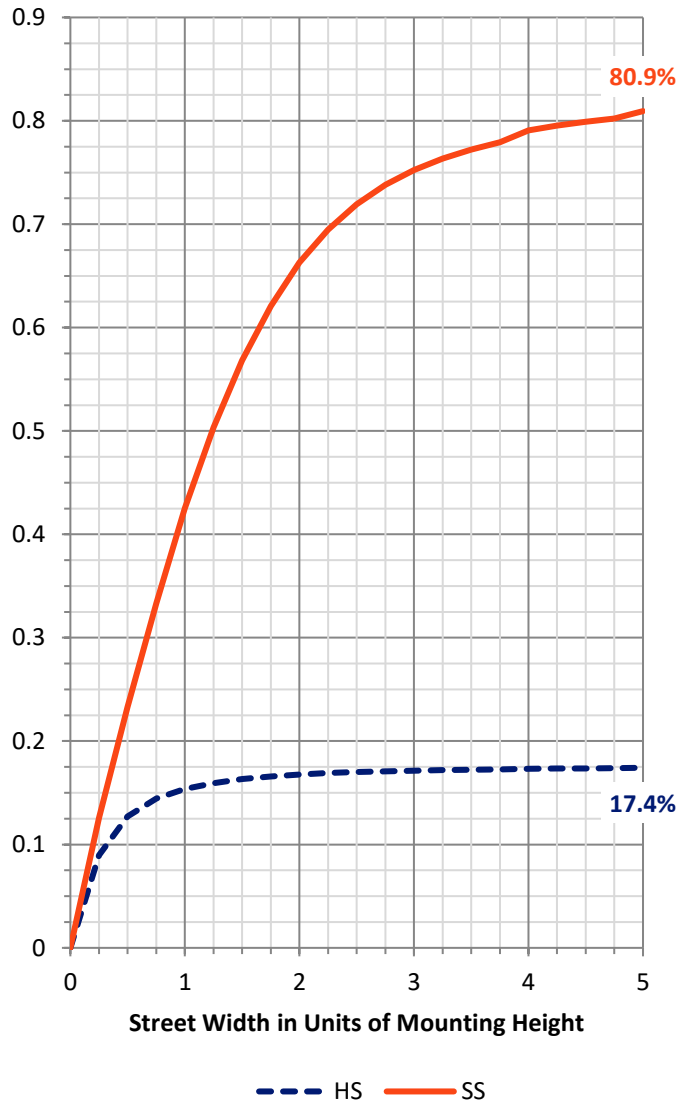
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|---------|
| House Side | Lumens | 7213.6 | 0.0 | 7213.6 |
| | % Fixture | 17.6 | 0.0 | 17.6 |
| Street Side | Lumens | 33743.8 | 0.0 | 33743.8 |
| | % Fixture | 82.4 | 0.0 | 82.4 |
| Total | Lumens | 40957.4 | 0.0 | 40957.4 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 963.0 | 2.4 |
| 10°-20° | 2000.6 | 4.9 |
| 20°-30° | 2845.2 | 6.9 |
| 30°-40° | 4100.0 | 10.0 |
| 40°-50° | 5778.0 | 14.1 |
| 50°-60° | 8032.4 | 19.6 |
| 60°-70° | 9713.6 | 23.7 |
| 70°-80° | 5970.8 | 14.6 |
| 80°-90° | 1553.7 | 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° | 40957.4 | 100.0 |
| 0°-180° | 40957.4 | 100.0 |

Coefficient of Utilization

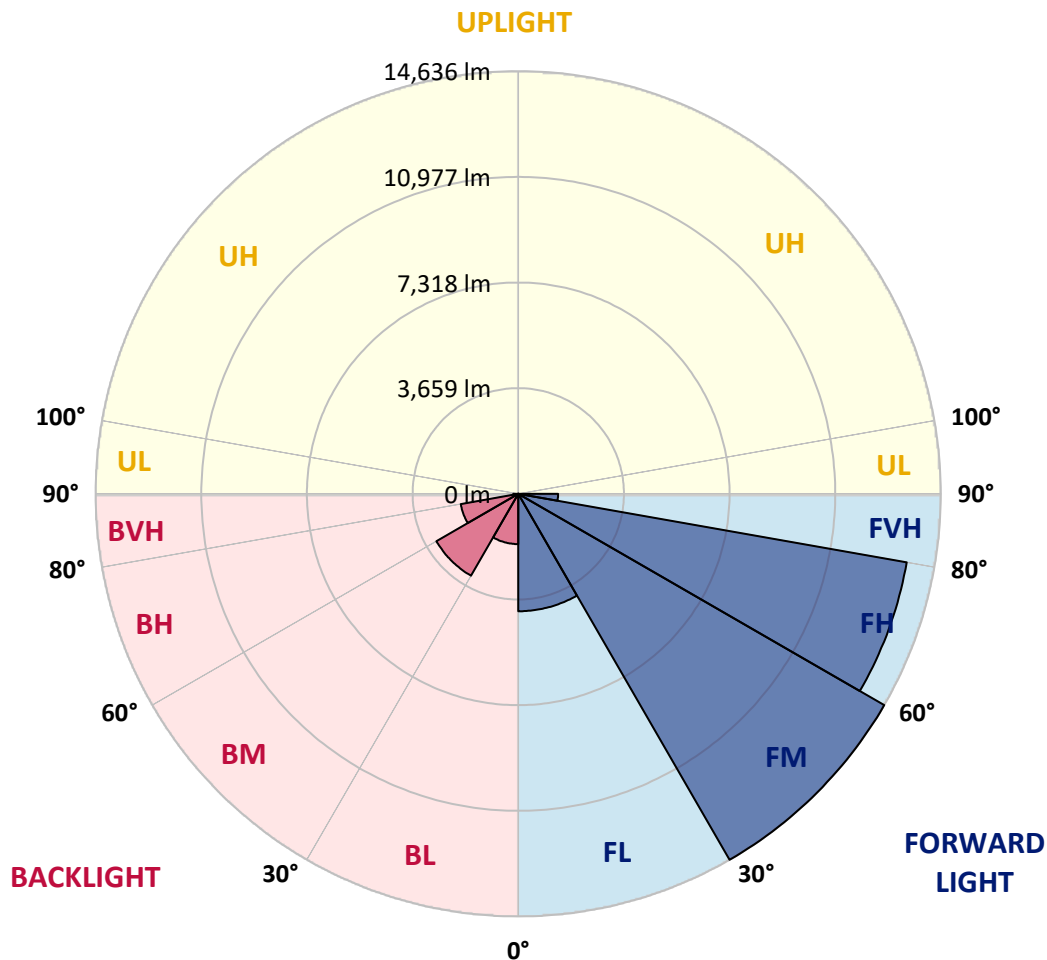


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|---------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 4066.6 | 9.9 | | | |
| FM (30°-60°) | 14636.0 | 35.7 | | | |
| FH (60°-80°) | 13662.0 | 33.4 | | | G5 |
| FVH (80°-90°) | 1379.1 | 3.4 | | | G5 |
| BL (0°-30°) | 1742.2 | 4.3 | B3/2500 | | |
| BM (30°-60°) | 3274.4 | 8.0 | B3/5000 | | |
| BH (60°-80°) | 2022.4 | 4.9 | B3/2500 | | G3/2500 |
| BVH (80°-90°) | 174.6 | 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: P383451

CATALOG NUMBER: GLEON-SA7C-735-U-SLL

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 |
| 2.5° | 13299.9 | 13475.1 | 13596.3 | 13715.8 | 13809.2 | 13900.8 | 14035.2 | 14169.4 | 14195.6 | 14220.2 | 14167.7 |
| 5° | 13221.3 | 13648.7 | 14012.2 | 14374.1 | 14709.8 | 15045.4 | 15246.9 | 15448.3 | 15489.2 | 15530.2 | 15404.1 |
| 7.5° | 12374.7 | 13005.1 | 13635.5 | 14266.0 | 14844.0 | 15422.1 | 15774.2 | 16124.6 | 16204.8 | 16283.5 | 16077.1 |
| 10° | 11411.8 | 12145.4 | 12920.0 | 13694.5 | 14455.9 | 15217.4 | 15726.7 | 16235.9 | 16337.5 | 16439.0 | 16181.9 |
| 12.5° | 10679.8 | 11480.6 | 12307.5 | 13134.4 | 13938.5 | 14740.9 | 15268.2 | 15795.4 | 15921.5 | 16047.6 | 15861.0 |
| 15° | 10398.2 | 11275.9 | 12053.8 | 12831.5 | 13532.4 | 14231.6 | 14664.0 | 15094.6 | 15147.0 | 15197.7 | 15168.3 |
| 17.5° | 10679.8 | 11647.6 | 12351.8 | 13054.2 | 13435.8 | 13815.7 | 13989.2 | 14161.2 | 14218.5 | 14274.2 | 14349.6 |
| 20° | 11503.5 | 12548.2 | 13044.5 | 13538.9 | 13522.6 | 13504.6 | 13421.1 | 13335.9 | 13321.1 | 13306.4 | 13519.3 |
| 22.5° | 12679.3 | 13892.6 | 14090.8 | 14287.3 | 13827.1 | 13367.1 | 13087.0 | 12805.3 | 12749.7 | 12692.3 | 12918.3 |
| 25° | 14059.7 | 15351.7 | 15315.7 | 15278.0 | 14401.9 | 13524.2 | 12990.4 | 12456.6 | 12394.3 | 12332.1 | 12525.3 |
| 27.5° | 15561.3 | 16796.0 | 16560.2 | 16324.3 | 15133.9 | 13943.4 | 13168.9 | 12394.3 | 12332.1 | 12269.9 | 12440.2 |
| 30° | 16735.3 | 17855.4 | 17477.1 | 17098.9 | 15751.3 | 14403.6 | 13483.3 | 12563.0 | 12461.5 | 12358.3 | 12567.9 |
| 32.5° | 17729.4 | 18682.4 | 18174.8 | 17667.2 | 16252.3 | 14837.5 | 13841.9 | 12846.3 | 12687.5 | 12528.6 | 12808.6 |
| 35° | 18764.3 | 19507.7 | 18793.7 | 18078.2 | 16699.4 | 15318.9 | 14266.0 | 13211.5 | 13016.6 | 12821.7 | 13206.6 |
| 37.5° | 19928.5 | 20545.8 | 19520.8 | 18494.1 | 17202.1 | 15910.1 | 14901.4 | 13891.1 | 13691.2 | 13491.5 | 13982.7 |
| 40° | 21158.3 | 21672.5 | 20305.1 | 18937.8 | 17752.3 | 16566.7 | 15780.7 | 14993.1 | 14803.1 | 14611.5 | 15207.6 |
| 42.5° | 22234.2 | 22609.1 | 21035.5 | 19461.8 | 18415.5 | 17367.5 | 16814.0 | 16258.9 | 16257.3 | 16253.9 | 16858.2 |
| 45° | 23044.7 | 23370.6 | 21644.6 | 19917.0 | 19062.3 | 18205.9 | 17917.7 | 17629.4 | 17860.4 | 18091.2 | 18638.2 |
| 47.5° | 23717.8 | 23938.8 | 22155.6 | 20370.6 | 19802.5 | 19234.2 | 19276.8 | 19319.4 | 19789.3 | 20259.3 | 20611.4 |
| 50° | 24487.4 | 24308.9 | 22619.0 | 20927.4 | 20752.2 | 20577.0 | 20960.2 | 21341.7 | 21882.1 | 22420.9 | 22659.9 |
| 52.5° | 25320.9 | 24847.6 | 23247.8 | 21646.3 | 21842.7 | 22039.3 | 22818.7 | 23598.2 | 24143.5 | 24688.8 | 24778.9 |
| 55° | 26819.2 | 26093.8 | 24403.8 | 22712.3 | 23090.5 | 23467.2 | 24611.9 | 25754.8 | 26180.6 | 26606.3 | 26639.1 |
| 57.5° | 28507.5 | 27863.9 | 26023.3 | 24182.8 | 24588.9 | 24995.0 | 26316.5 | 27636.3 | 28096.4 | 28554.9 | 28491.1 |
| 60° | 29157.5 | 29188.6 | 27561.0 | 25931.7 | 26341.0 | 26750.4 | 28037.5 | 29324.6 | 29853.5 | 30380.7 | 30240.0 |
| 62.5° | 28502.6 | 29270.5 | 28401.0 | 27529.8 | 27901.6 | 28271.6 | 29532.6 | 30793.4 | 31335.5 | 31877.5 | 31631.8 |
| 65° | 27207.2 | 27968.7 | 28358.5 | 28748.2 | 28871.0 | 28993.8 | 30171.1 | 31346.9 | 31762.9 | 32177.1 | 32052.7 |
| 67.5° | 25559.9 | 26175.6 | 27613.4 | 29049.5 | 28802.2 | 28554.9 | 29106.8 | 29658.6 | 30086.0 | 30513.4 | 30443.0 |
| 70° | 23652.3 | 24385.9 | 26303.4 | 28220.9 | 27005.8 | 25789.2 | 25561.6 | 25334.0 | 25795.8 | 26255.9 | 25971.0 |
| 72.5° | 20231.4 | 21338.4 | 23383.7 | 25427.3 | 23188.8 | 20950.3 | 20172.5 | 19394.7 | 19979.3 | 20563.9 | 20110.3 |
| 75° | 15281.3 | 16750.2 | 19009.9 | 21268.0 | 18597.2 | 15926.5 | 14888.3 | 13850.1 | 14352.8 | 14855.5 | 14544.3 |
| 77.5° | 10627.5 | 12469.7 | 14695.1 | 16920.4 | 14205.4 | 11488.8 | 10717.5 | 9944.6 | 10095.3 | 10244.3 | 10191.9 |
| 80° | 7245.9 | 8457.8 | 10010.1 | 11560.9 | 9753.0 | 7945.2 | 8005.8 | 8064.8 | 7994.4 | 7922.3 | 8027.1 |
| 82.5° | 4544.1 | 5397.2 | 6595.9 | 7793.0 | 6833.4 | 5873.8 | 6424.0 | 6974.1 | 6704.0 | 6432.1 | 6533.7 |
| 85° | 2559.4 | 3080.2 | 4252.6 | 5423.5 | 5055.0 | 4684.9 | 5007.5 | 5328.5 | 4909.3 | 4490.1 | 4675.1 |
| 87.5° | 487.9 | 812.2 | 2353.1 | 3892.4 | 3533.7 | 3175.2 | 2759.2 | 2343.3 | 1788.2 | 1233.1 | 1801.2 |
| 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-SA7C-735-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 |



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CATALOG NUMBER: GLEON-SA7C-735-U-SLL

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 |
| 2.5° | 14115.4 | 14087.5 | 14059.7 | 13959.8 | 13858.3 | 13707.6 | 13583.2 | 13367.1 | 13249.1 | 13070.6 | 12892.2 |
| 5° | 15276.4 | 15099.5 | 14922.6 | 14618.1 | 14311.8 | 13971.3 | 13579.9 | 13146.0 | 12818.5 | 12392.7 | 11966.9 |
| 7.5° | 15870.8 | 15458.1 | 15043.8 | 14459.2 | 13873.0 | 13345.7 | 12726.7 | 12150.4 | 11659.1 | 11105.6 | 10552.1 |
| 10° | 15924.8 | 15305.8 | 14685.2 | 13925.4 | 13164.0 | 12523.7 | 11811.4 | 11171.1 | 10581.6 | 9946.2 | 9309.2 |
| 12.5° | 15672.6 | 15014.3 | 14354.4 | 13517.7 | 12679.3 | 11952.2 | 11185.8 | 10468.6 | 9815.3 | 9116.0 | 8415.1 |
| 15° | 15138.8 | 14613.2 | 14085.9 | 13301.5 | 12517.1 | 11783.5 | 11040.1 | 10190.2 | 9451.8 | 8736.1 | 8018.9 |
| 17.5° | 14423.2 | 14174.3 | 13923.7 | 13357.2 | 12788.9 | 12153.6 | 11433.1 | 10435.8 | 9571.3 | 8793.4 | 8015.6 |
| 20° | 13730.5 | 13822.2 | 13912.3 | 13686.3 | 13460.4 | 12951.1 | 12322.3 | 11202.2 | 10098.5 | 9081.7 | 8063.1 |
| 22.5° | 13142.6 | 13583.2 | 14022.0 | 14197.3 | 14370.8 | 14064.6 | 13573.3 | 12278.1 | 10817.4 | 9489.4 | 8161.4 |
| 25° | 12716.9 | 13447.3 | 14177.6 | 14760.6 | 15341.8 | 15205.9 | 14827.7 | 13584.9 | 11770.5 | 10077.3 | 8382.4 |
| 27.5° | 12610.5 | 13506.2 | 14401.9 | 15305.8 | 16208.1 | 16334.2 | 16229.4 | 14962.0 | 12906.9 | 10807.6 | 8706.6 |
| 30° | 12777.5 | 13684.7 | 14590.3 | 15690.6 | 16789.4 | 17292.1 | 17433.0 | 16109.8 | 14205.4 | 11659.1 | 9111.1 |
| 32.5° | 13088.6 | 13977.8 | 14866.9 | 16065.7 | 17262.7 | 18022.5 | 18471.2 | 17159.5 | 15111.0 | 12301.0 | 9489.4 |
| 35° | 13591.4 | 14423.2 | 15255.1 | 16502.8 | 17750.6 | 18733.1 | 19551.9 | 18243.5 | 15915.0 | 12749.7 | 9582.7 |
| 37.5° | 14472.3 | 15188.0 | 15903.6 | 17056.4 | 18207.5 | 19481.5 | 20711.3 | 19437.3 | 16784.5 | 13182.0 | 9577.8 |
| 40° | 15803.6 | 16309.6 | 16814.0 | 17788.3 | 18761.0 | 20364.1 | 22024.6 | 20768.6 | 17745.7 | 13650.3 | 9554.9 |
| 42.5° | 17462.4 | 17722.8 | 17981.6 | 18752.8 | 19524.0 | 21286.0 | 23216.7 | 22070.4 | 18662.7 | 14085.9 | 9509.1 |
| 45° | 19183.5 | 19252.2 | 19321.0 | 19807.4 | 20292.1 | 22016.4 | 24028.9 | 23048.0 | 19463.5 | 14464.1 | 9463.2 |
| 47.5° | 20961.8 | 20726.0 | 20490.2 | 20683.4 | 20876.6 | 22576.4 | 24608.5 | 23789.8 | 20267.5 | 14883.3 | 9497.6 |
| 50° | 22899.0 | 22242.4 | 21585.7 | 21484.2 | 21382.7 | 23136.4 | 25291.4 | 24733.0 | 21233.6 | 15494.2 | 9754.7 |
| 52.5° | 24867.3 | 23784.8 | 22702.5 | 22301.2 | 21898.4 | 23804.5 | 26196.9 | 25907.1 | 22612.4 | 16440.6 | 10267.2 |
| 55° | 26671.8 | 25294.7 | 23917.5 | 23377.1 | 22836.8 | 24826.3 | 27302.3 | 27631.4 | 24379.3 | 17650.8 | 10920.5 |
| 57.5° | 28425.6 | 26865.0 | 25304.5 | 24803.4 | 24302.3 | 26328.0 | 28702.3 | 29178.9 | 26164.2 | 18811.8 | 11457.7 |
| 60° | 30099.1 | 28554.9 | 27009.1 | 26608.0 | 26205.1 | 28194.7 | 30215.4 | 29868.2 | 27084.5 | 19355.4 | 11624.7 |
| 62.5° | 31386.2 | 30158.1 | 28930.0 | 28718.7 | 28505.8 | 30082.7 | 31378.1 | 29599.6 | 26499.8 | 18820.0 | 11140.0 |
| 65° | 31928.2 | 31229.0 | 30528.1 | 30726.3 | 30922.8 | 31510.6 | 31667.9 | 28813.7 | 24662.6 | 17320.0 | 9977.3 |
| 67.5° | 30371.0 | 30513.4 | 30655.9 | 31487.7 | 32318.0 | 31913.5 | 30806.6 | 27264.6 | 22047.5 | 15194.5 | 8341.4 |
| 70° | 25684.4 | 26539.1 | 27392.3 | 29360.6 | 31327.3 | 30429.9 | 28499.3 | 24484.1 | 18900.2 | 12746.4 | 6591.0 |
| 72.5° | 19655.1 | 20616.3 | 21575.9 | 24497.2 | 27416.8 | 26589.9 | 24225.4 | 20110.3 | 15153.6 | 10178.7 | 5202.4 |
| 75° | 14231.6 | 15317.3 | 16401.3 | 19624.0 | 22846.6 | 21698.7 | 18120.7 | 14398.7 | 11510.1 | 7770.0 | 4028.3 |
| 77.5° | 10137.8 | 10864.9 | 11592.0 | 14775.3 | 17957.0 | 16086.9 | 12062.0 | 9689.1 | 7966.5 | 5400.6 | 2832.9 |
| 80° | 8131.9 | 7909.2 | 7686.5 | 9460.0 | 11233.3 | 10922.2 | 7978.0 | 6222.6 | 5513.6 | 3618.9 | 1724.3 |
| 82.5° | 6633.6 | 6089.9 | 5546.2 | 6381.4 | 7216.5 | 7170.7 | 5536.5 | 4565.4 | 4103.7 | 2515.2 | 926.8 |
| 85° | 4858.5 | 4640.7 | 4422.9 | 5161.4 | 5900.0 | 5269.5 | 3749.9 | 2901.7 | 3199.7 | 1852.0 | 504.3 |
| 87.5° | 2369.5 | 2706.8 | 3042.5 | 3913.6 | 4783.2 | 3591.0 | 1138.1 | 563.3 | 779.4 | 512.5 | 244.0 |
| 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: P383451
 CATALOG NUMBER: GLEON-SA7C-735-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: P383451

CATALOG NUMBER: GLEON-SA7C-735-U-SLL

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 |
| 2.5° | 12759.5 | 12625.3 | 12473.0 | 12320.6 | 12147.1 | 11971.9 | 11868.7 | 11763.9 | 11650.9 | 11538.0 | 11410.2 |
| 5° | 11685.3 | 11403.6 | 11084.3 | 10765.1 | 10449.0 | 10132.9 | 9962.6 | 9792.3 | 9612.2 | 9430.4 | 9273.3 |
| 7.5° | 10142.8 | 9731.8 | 9289.6 | 8845.9 | 8452.9 | 8058.2 | 7814.2 | 7568.5 | 7345.9 | 7121.6 | 6933.2 |
| 10° | 8785.2 | 8261.2 | 7817.5 | 7372.1 | 7075.7 | 6779.3 | 6554.9 | 6330.6 | 6114.5 | 5896.7 | 5688.7 |
| 12.5° | 7891.1 | 7367.1 | 7085.5 | 6803.8 | 6558.3 | 6312.6 | 6053.8 | 5793.5 | 5497.2 | 5199.1 | 4981.4 |
| 15° | 7542.4 | 7065.9 | 6753.1 | 6438.7 | 6109.6 | 5778.8 | 5461.1 | 5143.4 | 4793.0 | 4442.6 | 4195.3 |
| 17.5° | 7391.7 | 6767.9 | 6330.6 | 5891.8 | 5457.8 | 5023.9 | 4655.4 | 4287.0 | 3903.8 | 3520.7 | 3270.1 |
| 20° | 7232.9 | 6402.7 | 5816.5 | 5228.6 | 4671.8 | 4115.1 | 3697.5 | 3280.0 | 2937.7 | 2595.5 | 2403.9 |
| 22.5° | 7088.8 | 6014.6 | 5279.4 | 4542.5 | 3884.2 | 3225.9 | 2816.5 | 2405.5 | 2195.9 | 1986.3 | 1909.3 |
| 25° | 7029.8 | 5675.6 | 4771.8 | 3867.8 | 3173.5 | 2477.5 | 2186.1 | 1894.6 | 1814.4 | 1732.5 | 1693.2 |
| 27.5° | 7039.7 | 5372.7 | 4344.4 | 3314.4 | 2688.8 | 2063.3 | 1863.5 | 1663.7 | 1614.6 | 1563.8 | 1539.3 |
| 30° | 7077.3 | 5043.6 | 3941.5 | 2839.5 | 2323.7 | 1807.9 | 1678.5 | 1547.5 | 1495.0 | 1442.7 | 1411.6 |
| 32.5° | 7119.9 | 4748.8 | 3630.3 | 2510.3 | 2089.5 | 1667.0 | 1560.5 | 1452.5 | 1401.7 | 1350.9 | 1319.8 |
| 35° | 7046.2 | 4508.0 | 3417.5 | 2326.9 | 1938.8 | 1549.1 | 1459.0 | 1367.3 | 1311.6 | 1256.0 | 1226.5 |
| 37.5° | 6921.8 | 4265.7 | 3252.1 | 2236.8 | 1840.6 | 1442.7 | 1377.1 | 1310.0 | 1252.7 | 1193.8 | 1165.9 |
| 40° | 6808.8 | 4061.0 | 3129.3 | 2195.9 | 1786.5 | 1375.5 | 1319.8 | 1264.2 | 1205.2 | 1144.6 | 1111.9 |
| 42.5° | 6717.1 | 3923.5 | 3008.2 | 2092.7 | 1737.4 | 1380.5 | 1301.8 | 1221.5 | 1164.2 | 1107.0 | 1070.9 |
| 45° | 6648.3 | 3833.4 | 2913.1 | 1992.9 | 1691.6 | 1390.2 | 1290.4 | 1190.5 | 1133.1 | 1074.2 | 1031.6 |
| 47.5° | 6641.7 | 3785.9 | 2846.0 | 1906.0 | 1604.8 | 1301.8 | 1260.8 | 1220.0 | 1136.4 | 1051.3 | 1002.2 |
| 50° | 6731.8 | 3709.0 | 2767.4 | 1824.2 | 1521.2 | 1218.3 | 1274.0 | 1328.0 | 1185.6 | 1041.5 | 979.2 |
| 52.5° | 6920.1 | 3573.0 | 2643.0 | 1712.8 | 1419.7 | 1124.9 | 1211.8 | 1296.9 | 1174.1 | 1049.7 | 969.4 |
| 55° | 7147.8 | 3373.3 | 2454.6 | 1534.4 | 1285.4 | 1034.9 | 1111.9 | 1187.2 | 1110.2 | 1031.6 | 935.0 |
| 57.5° | 7290.2 | 3121.1 | 2217.2 | 1313.3 | 1134.8 | 956.3 | 1000.5 | 1043.1 | 1011.9 | 980.8 | 882.6 |
| 60° | 7205.1 | 2785.4 | 1950.3 | 1113.5 | 1002.2 | 890.8 | 882.6 | 872.8 | 918.6 | 964.5 | 851.5 |
| 62.5° | 6789.1 | 2438.2 | 1714.5 | 990.7 | 907.1 | 822.0 | 804.0 | 784.4 | 859.7 | 933.4 | 813.8 |
| 65° | 6086.6 | 2195.9 | 1565.5 | 935.0 | 841.7 | 748.3 | 728.7 | 709.0 | 732.0 | 754.9 | 699.2 |
| 67.5° | 5194.2 | 2046.9 | 1480.3 | 913.8 | 800.8 | 686.1 | 663.2 | 640.3 | 635.3 | 630.5 | 610.8 |
| 70° | 4273.9 | 1955.2 | 1424.6 | 894.1 | 756.5 | 617.3 | 596.1 | 574.8 | 568.2 | 560.0 | 545.3 |
| 72.5° | 3573.0 | 1943.8 | 1418.1 | 892.4 | 720.6 | 548.6 | 528.9 | 509.3 | 501.1 | 491.3 | 479.7 |
| 75° | 2926.3 | 1824.2 | 1346.0 | 867.9 | 671.4 | 473.2 | 455.2 | 437.2 | 430.7 | 422.5 | 412.7 |
| 77.5° | 2171.3 | 1509.8 | 1131.6 | 753.2 | 574.8 | 396.3 | 378.3 | 358.6 | 357.0 | 353.7 | 345.5 |
| 80° | 1408.2 | 1092.2 | 809.0 | 525.7 | 419.2 | 311.1 | 296.4 | 280.0 | 281.6 | 283.3 | 276.8 |
| 82.5° | 782.7 | 637.0 | 494.6 | 352.0 | 286.5 | 221.1 | 214.5 | 206.3 | 211.3 | 214.5 | 206.3 |
| 85° | 412.7 | 320.9 | 265.3 | 209.6 | 165.3 | 121.2 | 121.2 | 119.5 | 126.1 | 132.7 | 126.1 |
| 87.5° | 178.5 | 113.0 | 96.6 | 78.6 | 44.2 | 8.2 | 9.8 | 9.8 | 13.1 | 16.4 | 14.7 |
| 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 |



REPORT NUMBER: P383451
 CATALOG NUMBER: GLEON-SA7C-735-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: P383451

CATALOG NUMBER: GLEON-SA7C-735-U-SLL

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 |
| 2.5° | 11280.9 | 11161.2 | 11040.1 | 10907.5 | 10932.1 | 10830.5 | 10729.0 | 10665.1 | 10601.3 | 10581.6 | 10562.0 |
| 5° | 9116.0 | 8980.1 | 8842.5 | 8719.8 | 8826.2 | 8754.1 | 8682.1 | 8672.2 | 8660.8 | 8660.8 | 8659.2 |
| 7.5° | 6744.9 | 6599.2 | 6451.8 | 6350.3 | 6455.1 | 6441.9 | 6428.9 | 6499.3 | 6569.7 | 6627.0 | 6682.7 |
| 10° | 5480.8 | 5303.9 | 5125.4 | 4974.7 | 4948.6 | 4873.2 | 4796.3 | 4812.7 | 4827.4 | 4889.6 | 4951.8 |
| 12.5° | 4763.6 | 4552.3 | 4341.0 | 4164.2 | 4084.0 | 3959.5 | 3833.4 | 3754.8 | 3676.3 | 3684.4 | 3691.0 |
| 15° | 3946.4 | 3741.7 | 3535.4 | 3383.1 | 3332.3 | 3235.7 | 3139.1 | 3040.9 | 2941.0 | 2900.0 | 2857.4 |
| 17.5° | 3017.9 | 2854.2 | 2688.8 | 2587.3 | 2587.3 | 2559.4 | 2531.6 | 2482.5 | 2431.7 | 2390.7 | 2348.2 |
| 20° | 2212.2 | 2125.5 | 2037.1 | 1994.5 | 2007.6 | 2009.3 | 2009.3 | 2033.8 | 2058.3 | 2045.2 | 2032.2 |
| 22.5° | 1830.8 | 1799.7 | 1768.5 | 1750.5 | 1757.1 | 1758.7 | 1760.3 | 1783.3 | 1804.5 | 1820.9 | 1835.6 |
| 25° | 1652.3 | 1632.6 | 1613.0 | 1606.4 | 1621.2 | 1622.8 | 1622.8 | 1637.5 | 1652.3 | 1668.6 | 1685.0 |
| 27.5° | 1513.0 | 1504.9 | 1496.7 | 1485.3 | 1500.0 | 1500.0 | 1498.3 | 1514.7 | 1529.4 | 1544.1 | 1557.3 |
| 30° | 1380.5 | 1383.7 | 1385.3 | 1382.0 | 1391.9 | 1398.4 | 1403.4 | 1414.8 | 1424.6 | 1436.1 | 1447.5 |
| 32.5° | 1287.1 | 1282.2 | 1277.2 | 1274.0 | 1295.3 | 1306.8 | 1318.2 | 1329.7 | 1339.5 | 1344.4 | 1349.3 |
| 35° | 1197.0 | 1185.6 | 1174.1 | 1165.9 | 1185.6 | 1200.3 | 1215.0 | 1236.3 | 1256.0 | 1259.3 | 1262.5 |
| 37.5° | 1136.4 | 1121.7 | 1107.0 | 1097.2 | 1105.3 | 1111.9 | 1118.4 | 1141.3 | 1164.2 | 1177.4 | 1188.8 |
| 40° | 1079.1 | 1064.4 | 1049.7 | 1041.5 | 1046.4 | 1048.0 | 1049.7 | 1061.1 | 1070.9 | 1095.5 | 1118.4 |
| 42.5° | 1033.3 | 1015.3 | 997.2 | 987.4 | 990.7 | 994.0 | 995.6 | 994.0 | 992.4 | 1015.3 | 1038.2 |
| 45° | 987.4 | 967.8 | 948.1 | 936.7 | 938.3 | 938.3 | 938.3 | 935.0 | 930.2 | 941.6 | 953.1 |
| 47.5° | 951.4 | 928.5 | 905.6 | 894.1 | 890.8 | 887.6 | 884.2 | 882.6 | 879.4 | 887.6 | 894.1 |
| 50° | 915.3 | 890.8 | 864.6 | 851.5 | 843.3 | 840.1 | 836.8 | 835.1 | 831.9 | 840.1 | 846.6 |
| 52.5° | 887.6 | 858.0 | 828.6 | 807.3 | 799.1 | 794.2 | 789.3 | 790.9 | 790.9 | 794.2 | 795.8 |
| 55° | 838.4 | 812.2 | 784.4 | 769.6 | 754.9 | 751.6 | 748.3 | 753.2 | 756.5 | 756.5 | 756.5 |
| 57.5° | 784.4 | 759.8 | 733.6 | 723.8 | 710.7 | 710.7 | 709.0 | 715.6 | 720.6 | 723.8 | 727.1 |
| 60° | 736.9 | 709.0 | 681.2 | 673.0 | 668.1 | 666.4 | 664.8 | 673.0 | 679.6 | 686.1 | 692.7 |
| 62.5° | 692.7 | 663.2 | 633.7 | 623.9 | 622.3 | 623.9 | 623.9 | 632.1 | 638.7 | 645.2 | 651.7 |
| 65° | 643.5 | 614.1 | 583.0 | 573.1 | 576.4 | 581.3 | 586.2 | 592.7 | 597.7 | 604.2 | 610.8 |
| 67.5° | 589.5 | 565.0 | 538.7 | 528.9 | 530.5 | 537.1 | 543.7 | 548.6 | 551.8 | 558.4 | 565.0 |
| 70° | 530.5 | 509.3 | 487.9 | 481.4 | 479.7 | 487.9 | 494.6 | 497.8 | 501.1 | 509.3 | 515.8 |
| 72.5° | 466.7 | 448.6 | 430.7 | 425.7 | 427.4 | 432.3 | 437.2 | 442.1 | 445.4 | 453.6 | 460.2 |
| 75° | 401.2 | 384.8 | 368.4 | 365.2 | 368.4 | 373.4 | 378.3 | 381.6 | 384.8 | 394.6 | 402.8 |
| 77.5° | 337.3 | 319.3 | 299.7 | 298.0 | 302.9 | 307.9 | 311.1 | 316.1 | 320.9 | 334.1 | 347.2 |
| 80° | 270.1 | 250.5 | 229.3 | 227.6 | 232.5 | 237.5 | 242.4 | 247.2 | 252.2 | 268.6 | 283.3 |
| 82.5° | 198.1 | 175.2 | 152.3 | 149.0 | 165.3 | 170.3 | 175.2 | 183.4 | 189.9 | 204.7 | 219.5 |
| 85° | 119.5 | 96.6 | 73.7 | 72.0 | 86.8 | 95.0 | 103.1 | 113.0 | 121.2 | 134.2 | 147.4 |
| 87.5° | 13.1 | 6.5 | 0.0 | 0.0 | 1.7 | 8.2 | 14.7 | 22.9 | 31.1 | 44.2 | 55.7 |
| 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 |



REPORT NUMBER: P383451
 CATALOG NUMBER: GLEON-SA7C-735-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: P383451

CATALOG NUMBER: GLEON-SA7C-735-U-SLL

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 |
| 2.5° | 10489.9 | 10416.2 | 10491.6 | 10565.2 | 10596.4 | 10627.5 | 10547.3 | 10465.4 | 10593.1 | 10719.1 | 10751.9 |
| 5° | 8593.7 | 8526.5 | 8577.3 | 8626.4 | 8516.7 | 8407.0 | 8395.6 | 8382.4 | 8477.4 | 8572.4 | 8587.1 |
| 7.5° | 6661.4 | 6640.1 | 6687.6 | 6735.1 | 6595.9 | 6455.1 | 6386.3 | 6317.6 | 6340.5 | 6363.4 | 6360.1 |
| 10° | 4966.5 | 4979.7 | 5038.6 | 5095.9 | 4987.9 | 4879.8 | 4832.3 | 4784.8 | 4837.2 | 4888.0 | 4935.4 |
| 12.5° | 3720.4 | 3748.3 | 3810.5 | 3871.0 | 3826.9 | 3781.1 | 3785.9 | 3790.8 | 3851.4 | 3910.4 | 3962.8 |
| 15° | 2890.2 | 2922.9 | 2967.2 | 3009.7 | 3011.4 | 3011.4 | 3054.0 | 3094.9 | 3089.9 | 3085.1 | 3121.1 |
| 17.5° | 2392.4 | 2435.0 | 2439.9 | 2444.8 | 2446.4 | 2448.1 | 2444.8 | 2441.5 | 2417.0 | 2392.4 | 2420.3 |
| 20° | 2048.6 | 2063.3 | 2076.3 | 2087.8 | 2073.1 | 2056.7 | 2015.8 | 1974.9 | 1958.5 | 1942.1 | 1968.3 |
| 22.5° | 1863.5 | 1889.6 | 1876.6 | 1861.9 | 1832.4 | 1801.2 | 1770.1 | 1737.4 | 1735.8 | 1732.5 | 1747.2 |
| 25° | 1707.9 | 1729.2 | 1706.3 | 1683.4 | 1662.1 | 1640.8 | 1619.5 | 1598.3 | 1596.6 | 1594.9 | 1601.5 |
| 27.5° | 1578.6 | 1598.3 | 1576.9 | 1555.6 | 1537.6 | 1519.6 | 1503.2 | 1486.8 | 1483.6 | 1480.3 | 1481.9 |
| 30° | 1467.2 | 1485.3 | 1467.2 | 1447.5 | 1434.5 | 1419.7 | 1408.2 | 1396.8 | 1395.2 | 1393.5 | 1393.5 |
| 32.5° | 1367.3 | 1385.3 | 1372.3 | 1359.1 | 1347.7 | 1336.2 | 1328.0 | 1319.8 | 1311.6 | 1303.4 | 1285.4 |
| 35° | 1280.5 | 1298.6 | 1290.4 | 1280.5 | 1267.5 | 1254.3 | 1239.6 | 1223.2 | 1202.0 | 1179.0 | 1169.2 |
| 37.5° | 1206.8 | 1224.9 | 1216.7 | 1208.5 | 1190.5 | 1172.4 | 1146.3 | 1118.4 | 1111.9 | 1103.7 | 1102.0 |
| 40° | 1147.9 | 1175.7 | 1159.4 | 1141.3 | 1113.5 | 1085.6 | 1072.6 | 1059.4 | 1056.2 | 1052.9 | 1049.7 |
| 42.5° | 1082.4 | 1124.9 | 1095.5 | 1066.1 | 1039.8 | 1013.6 | 1010.4 | 1007.1 | 1005.4 | 1003.8 | 1003.8 |
| 45° | 1000.5 | 1046.4 | 1016.9 | 985.8 | 971.0 | 956.3 | 956.3 | 956.3 | 957.9 | 957.9 | 961.3 |
| 47.5° | 923.5 | 951.4 | 936.7 | 922.0 | 913.8 | 905.6 | 907.1 | 908.8 | 913.8 | 917.0 | 925.2 |
| 50° | 858.0 | 867.9 | 871.2 | 872.8 | 867.9 | 863.0 | 866.2 | 867.9 | 872.8 | 876.0 | 882.6 |
| 52.5° | 810.5 | 825.4 | 825.4 | 823.7 | 823.7 | 823.7 | 826.9 | 830.2 | 835.1 | 840.1 | 846.6 |
| 55° | 779.4 | 800.8 | 794.2 | 787.6 | 789.3 | 789.3 | 792.6 | 795.8 | 800.8 | 804.0 | 813.8 |
| 57.5° | 750.0 | 772.9 | 766.4 | 759.8 | 759.8 | 759.8 | 761.4 | 763.1 | 768.0 | 771.2 | 777.8 |
| 60° | 715.6 | 738.5 | 732.0 | 723.8 | 725.4 | 727.1 | 728.7 | 728.7 | 732.0 | 733.6 | 733.6 |
| 62.5° | 674.6 | 697.5 | 691.0 | 682.8 | 687.8 | 691.0 | 691.0 | 691.0 | 694.3 | 696.0 | 691.0 |
| 65° | 632.1 | 653.4 | 646.8 | 640.3 | 646.8 | 651.7 | 655.0 | 656.6 | 655.0 | 653.4 | 648.5 |
| 67.5° | 586.2 | 607.6 | 600.9 | 592.7 | 600.9 | 607.6 | 614.1 | 619.0 | 614.1 | 609.1 | 602.6 |
| 70° | 537.1 | 558.4 | 550.2 | 542.0 | 550.2 | 558.4 | 565.0 | 571.5 | 565.0 | 558.4 | 556.8 |
| 72.5° | 484.7 | 509.3 | 499.4 | 489.6 | 499.4 | 509.3 | 512.5 | 515.8 | 510.9 | 506.0 | 502.8 |
| 75° | 427.4 | 452.0 | 443.8 | 433.9 | 442.1 | 450.3 | 452.0 | 453.6 | 453.6 | 452.0 | 442.1 |
| 77.5° | 366.8 | 386.5 | 381.6 | 376.6 | 381.6 | 386.5 | 386.5 | 386.5 | 388.1 | 388.1 | 374.9 |
| 80° | 294.7 | 306.2 | 307.9 | 309.5 | 311.1 | 312.7 | 311.1 | 309.5 | 306.2 | 302.9 | 294.7 |
| 82.5° | 219.5 | 219.5 | 232.5 | 244.0 | 244.0 | 242.4 | 240.7 | 237.5 | 230.9 | 222.7 | 204.7 |
| 85° | 139.2 | 131.0 | 152.3 | 172.0 | 172.0 | 170.3 | 167.0 | 162.1 | 149.0 | 134.2 | 119.5 |
| 87.5° | 47.5 | 39.3 | 60.6 | 81.9 | 83.5 | 83.5 | 80.2 | 76.9 | 63.9 | 49.1 | 37.6 |
| 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: P383451
 CATALOG NUMBER: GLEON-SA7C-735-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: P383451

CATALOG NUMBER: GLEON-SA7C-735-U-SLL

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 |
| 2.5° | 10801.0 | 10822.3 | 10842.0 | 11002.4 | 11161.2 | 11347.9 | 11534.6 | 11677.1 | 11817.9 | 11963.7 | 12109.4 |
| 5° | 8637.9 | 8664.0 | 8690.3 | 8885.1 | 9078.4 | 9338.8 | 9599.1 | 9823.4 | 10047.8 | 10311.4 | 10575.0 |
| 7.5° | 6402.7 | 6460.0 | 6515.7 | 6723.6 | 6930.0 | 7210.0 | 7488.3 | 7781.5 | 8073.0 | 8416.8 | 8760.7 |
| 10° | 5028.8 | 5136.8 | 5243.3 | 5456.2 | 5669.0 | 5945.8 | 6220.9 | 6527.2 | 6833.4 | 7172.3 | 7509.7 |
| 12.5° | 4070.9 | 4215.0 | 4357.4 | 4612.8 | 4868.4 | 5199.1 | 5528.3 | 5868.8 | 6207.8 | 6505.8 | 6803.8 |
| 15° | 3216.1 | 3373.3 | 3528.8 | 3799.0 | 4069.2 | 4432.8 | 4794.7 | 5166.4 | 5536.5 | 5893.4 | 6250.4 |
| 17.5° | 2508.7 | 2638.0 | 2765.8 | 2995.0 | 3222.6 | 3574.7 | 3926.8 | 4316.5 | 4706.2 | 5141.8 | 5575.8 |
| 20° | 2024.0 | 2078.0 | 2132.0 | 2297.5 | 2461.1 | 2747.8 | 3032.7 | 3430.6 | 3828.5 | 4349.2 | 4869.9 |
| 22.5° | 1773.4 | 1801.2 | 1827.5 | 1907.7 | 1986.3 | 2171.3 | 2354.8 | 2706.8 | 3057.2 | 3625.5 | 4192.1 |
| 25° | 1622.8 | 1644.1 | 1665.3 | 1717.8 | 1770.1 | 1858.6 | 1947.0 | 2194.3 | 2441.5 | 3000.0 | 3556.6 |
| 27.5° | 1486.8 | 1519.6 | 1550.7 | 1575.2 | 1598.3 | 1658.8 | 1717.8 | 1879.9 | 2042.0 | 2562.7 | 3081.8 |
| 30° | 1388.6 | 1400.1 | 1411.6 | 1449.2 | 1485.3 | 1547.5 | 1609.7 | 1722.6 | 1835.6 | 2276.1 | 2715.0 |
| 32.5° | 1274.0 | 1290.4 | 1306.8 | 1346.0 | 1385.3 | 1442.7 | 1500.0 | 1591.6 | 1681.7 | 2058.3 | 2433.4 |
| 35° | 1170.9 | 1187.2 | 1203.6 | 1242.9 | 1280.5 | 1342.7 | 1403.4 | 1480.3 | 1555.6 | 1883.1 | 2210.7 |
| 37.5° | 1107.0 | 1123.4 | 1139.7 | 1174.1 | 1206.8 | 1269.0 | 1329.7 | 1390.2 | 1449.2 | 1752.1 | 2055.1 |
| 40° | 1052.9 | 1069.3 | 1085.6 | 1118.4 | 1149.5 | 1210.1 | 1269.0 | 1319.8 | 1370.6 | 1653.9 | 1937.2 |
| 42.5° | 1005.4 | 1023.5 | 1041.5 | 1074.2 | 1105.3 | 1159.4 | 1213.4 | 1280.5 | 1346.0 | 1568.7 | 1789.8 |
| 45° | 966.1 | 984.2 | 1000.5 | 1036.5 | 1072.6 | 1124.9 | 1177.4 | 1270.7 | 1364.1 | 1524.6 | 1685.0 |
| 47.5° | 930.2 | 949.7 | 967.8 | 1007.1 | 1046.4 | 1111.9 | 1175.7 | 1254.3 | 1331.3 | 1490.1 | 1648.9 |
| 50° | 895.7 | 918.6 | 941.6 | 989.0 | 1034.9 | 1144.6 | 1252.7 | 1264.2 | 1274.0 | 1462.3 | 1648.9 |
| 52.5° | 863.0 | 889.2 | 915.3 | 974.3 | 1031.6 | 1159.4 | 1287.1 | 1246.1 | 1203.6 | 1409.9 | 1616.2 |
| 55° | 830.2 | 853.1 | 874.4 | 946.5 | 1018.6 | 1111.9 | 1205.2 | 1151.2 | 1095.5 | 1311.6 | 1527.8 |
| 57.5° | 786.0 | 810.5 | 833.5 | 910.5 | 987.4 | 1052.9 | 1116.7 | 1067.6 | 1016.9 | 1200.3 | 1382.0 |
| 60° | 740.1 | 768.0 | 795.8 | 894.1 | 990.7 | 979.2 | 966.1 | 956.3 | 944.9 | 1075.8 | 1206.8 |
| 62.5° | 699.2 | 728.7 | 758.2 | 885.9 | 1013.6 | 935.0 | 856.5 | 864.6 | 871.2 | 967.8 | 1064.4 |
| 65° | 658.3 | 687.8 | 715.6 | 779.4 | 843.3 | 812.2 | 781.1 | 794.2 | 805.7 | 900.6 | 995.6 |
| 67.5° | 612.4 | 638.7 | 663.2 | 684.5 | 705.7 | 709.0 | 712.4 | 725.4 | 738.5 | 851.5 | 962.8 |
| 70° | 561.6 | 583.0 | 604.2 | 619.0 | 632.1 | 638.7 | 643.5 | 659.9 | 676.3 | 799.1 | 922.0 |
| 72.5° | 504.3 | 522.4 | 538.7 | 551.8 | 565.0 | 569.8 | 573.1 | 589.5 | 605.9 | 736.9 | 867.9 |
| 75° | 442.1 | 456.8 | 470.0 | 481.4 | 492.9 | 499.4 | 506.0 | 517.5 | 528.9 | 671.4 | 812.2 |
| 77.5° | 373.4 | 388.1 | 401.2 | 411.0 | 419.2 | 425.7 | 430.7 | 445.4 | 460.2 | 579.7 | 697.5 |
| 80° | 291.5 | 309.5 | 325.9 | 334.1 | 340.6 | 342.3 | 342.3 | 355.4 | 368.4 | 453.6 | 537.1 |
| 82.5° | 206.3 | 226.0 | 244.0 | 250.5 | 257.1 | 257.1 | 257.1 | 271.8 | 286.5 | 343.8 | 399.5 |
| 85° | 121.2 | 142.4 | 162.1 | 168.7 | 175.2 | 178.5 | 180.2 | 186.7 | 191.6 | 232.5 | 271.8 |
| 87.5° | 37.6 | 55.7 | 72.0 | 75.4 | 78.6 | 85.1 | 91.7 | 93.3 | 93.3 | 121.2 | 149.0 |
| 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: P383451
 CATALOG NUMBER: GLEON-SA7C-735-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: P383451
 CATALOG NUMBER: GLEON-SA7C-735-U-SLL

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 | 12477.9 |
| 2.5° | 12276.4 | 12443.4 | 12638.3 | 12831.5 | 12997.0 | 13162.3 | 13299.9 |
| 5° | 10910.8 | 11246.5 | 11657.5 | 12066.8 | 12432.0 | 12797.1 | 13221.3 |
| 7.5° | 9194.7 | 9628.6 | 10160.8 | 10693.0 | 11208.8 | 11723.0 | 12374.7 |
| 10° | 7951.8 | 8392.2 | 8955.5 | 9517.2 | 10097.0 | 10675.0 | 11411.8 |
| 12.5° | 7162.5 | 7519.5 | 8064.8 | 8610.0 | 9291.3 | 9970.8 | 10679.8 |
| 15° | 6641.7 | 7031.5 | 7562.0 | 8092.6 | 8837.7 | 9582.7 | 10398.2 |
| 17.5° | 6086.6 | 6595.9 | 7275.5 | 7955.0 | 8837.7 | 9718.6 | 10679.8 |
| 20° | 5505.4 | 6139.0 | 7020.0 | 7901.0 | 9089.9 | 10277.0 | 11503.5 |
| 22.5° | 4925.7 | 5659.2 | 6789.1 | 7917.4 | 9471.4 | 11023.7 | 12679.3 |
| 25° | 4403.2 | 5249.8 | 6648.3 | 8045.1 | 10026.5 | 12006.3 | 14059.7 |
| 27.5° | 4007.0 | 4930.6 | 6591.0 | 8249.8 | 10730.6 | 13211.5 | 15561.3 |
| 30° | 3654.9 | 4594.9 | 6522.2 | 8449.6 | 11408.6 | 14365.9 | 16735.3 |
| 32.5° | 3350.3 | 4267.3 | 6389.6 | 8510.2 | 11881.8 | 15253.4 | 17729.4 |
| 35° | 3111.3 | 4011.9 | 6166.8 | 8321.9 | 12178.2 | 16034.5 | 18764.3 |
| 37.5° | 2904.9 | 3754.8 | 5913.1 | 8071.3 | 12441.8 | 16812.4 | 19928.5 |
| 40° | 2708.5 | 3479.7 | 5695.3 | 7909.2 | 12805.3 | 17701.5 | 21158.3 |
| 42.5° | 2521.8 | 3253.7 | 5520.1 | 7786.3 | 13142.6 | 18497.4 | 22234.2 |
| 45° | 2382.6 | 3080.2 | 5364.5 | 7647.2 | 13360.4 | 19073.7 | 23044.7 |
| 47.5° | 2313.8 | 2977.0 | 5280.9 | 7583.4 | 13578.2 | 19571.5 | 23717.8 |
| 50° | 2304.0 | 2959.0 | 5376.0 | 7793.0 | 14049.9 | 20305.1 | 24487.4 |
| 52.5° | 2302.3 | 2988.5 | 5649.5 | 8310.3 | 14925.9 | 21539.8 | 25320.9 |
| 55° | 2267.9 | 3006.5 | 5975.3 | 8942.5 | 16101.7 | 23259.3 | 26819.2 |
| 57.5° | 2163.1 | 2944.2 | 6311.0 | 9676.1 | 17344.6 | 25011.4 | 28507.5 |
| 60° | 2001.1 | 2793.6 | 6587.7 | 10380.2 | 18179.7 | 25977.5 | 29157.5 |
| 62.5° | 1798.0 | 2530.0 | 6679.4 | 10827.2 | 18156.7 | 25486.2 | 28502.6 |
| 65° | 1624.4 | 2253.2 | 6378.1 | 10501.3 | 17238.1 | 23973.2 | 27207.2 |
| 67.5° | 1470.4 | 1976.5 | 5624.9 | 9271.6 | 15585.8 | 21898.4 | 25559.9 |
| 70° | 1359.1 | 1794.7 | 4653.8 | 7512.9 | 13517.7 | 19520.8 | 23652.3 |
| 72.5° | 1288.7 | 1707.9 | 3794.1 | 5878.7 | 10969.7 | 16059.1 | 20231.4 |
| 75° | 1192.1 | 1572.0 | 2977.0 | 4380.3 | 8395.6 | 12410.7 | 15281.3 |
| 77.5° | 1011.9 | 1324.8 | 2243.4 | 3162.0 | 6160.3 | 9156.9 | 10627.5 |
| 80° | 781.1 | 1023.5 | 1542.5 | 2061.6 | 4239.6 | 6417.4 | 7245.9 |
| 82.5° | 556.8 | 713.9 | 935.0 | 1156.1 | 2816.5 | 4475.3 | 4544.1 |
| 85° | 343.8 | 415.9 | 535.5 | 655.0 | 1863.5 | 3072.0 | 2559.4 |
| 87.5° | 185.0 | 221.1 | 283.3 | 343.8 | 596.1 | 848.3 | 487.9 |
| 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: P383451
 CATALOG NUMBER: GLEON-SA7C-735-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 |

LM-79-08: Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Report Prepared for

Cooper Lighting Solutions

All Brands

Data applicable to all product families using SA light engines

Report Number: SP1-2101-121-7

Luminaire Tested: IFLD-S-SA2A-735-U-T2

Test Date: 03/04/2021

Test Information

Test Method: LM-79-08
 Report Number: SP1-2101-121-7
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1
 Measurement Geometry: 4π
 Issue Date: 03/04/2021
 Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
 Product Line: STREETWORKS
 Catalog Number: **IFLD-S-SA2A-735-U-T2**
 Description: STREETWORKS INF FLOOD

PROGRAMMED @ 615mA.

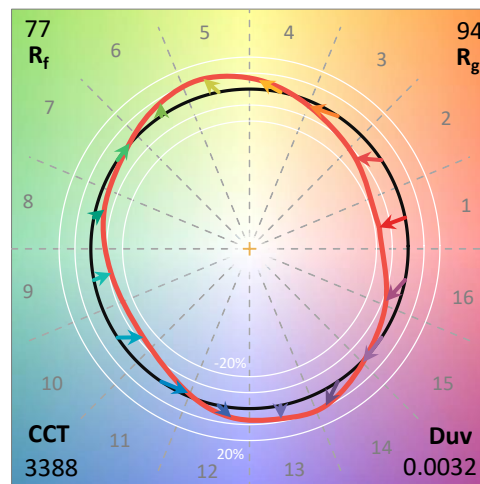
Spectral Parameters

CCT (K): 3388
 CIE u': 0.2371
 CIE v': 0.5177
 Duv: 0.0032
 CIE x: 0.4153
 CIE y: 0.4030
 CIE z: 0.1817
 Peak Wavelength (nm): 590
 Dominant Wavelength (nm): 580
 Purity: 45.7
 Rf: 76.9
 Rg: 94.4

| | | | |
|-----------|------|------|-------|
| CRI (Ra): | 73.1 | | |
| R1: | 68.9 | R9: | -34.6 |
| R2: | 81.1 | R10: | 57.8 |
| R3: | 93.1 | R11: | 68.6 |
| R4: | 71.6 | R12: | 53.9 |
| R5: | 69.4 | R13: | 70.9 |
| R6: | 75.0 | R14: | 96.2 |
| R7: | 79.5 | | |
| R8: | 46.4 | | |

Test Conditions

Stabilization Time: 81M
 Operation Time: 12H
 Room Temperature (°C) / RH%: 25.0/30%
 Sphere Temperature (°C): 24.1

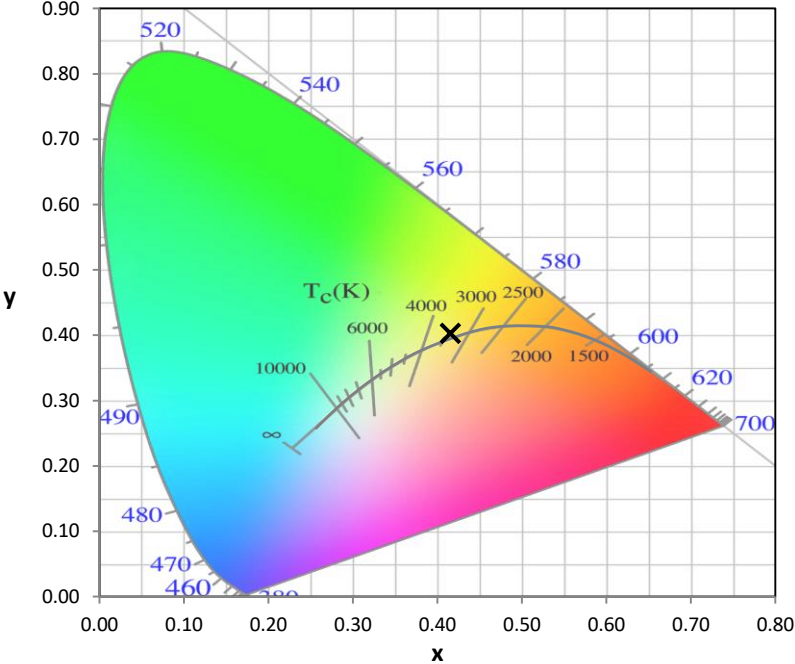


REPORT NUMBER: SP1-2101-121-7

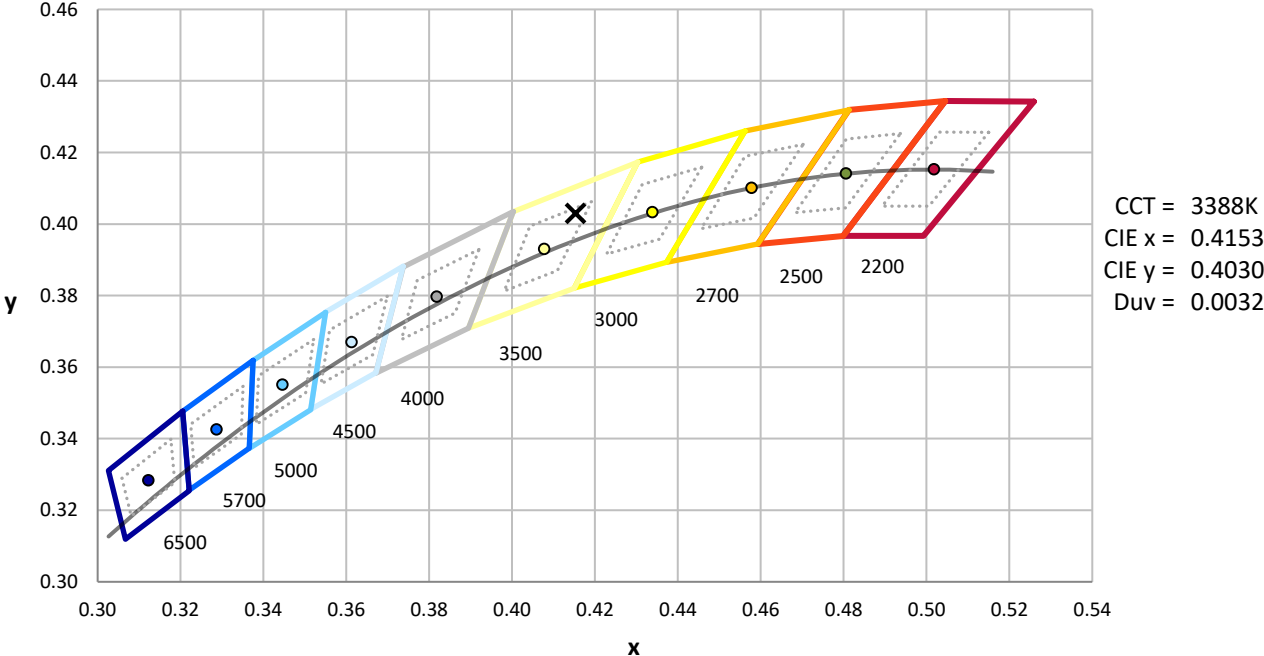
| Measurement and Test Equipment | | | |
|--------------------------------|-----------------------|------------------|----------------------|
| Instrument | Identification Number | Calibration Date | Calibration Due Date |
| Photometer | IN0058 | 1/31/2021 | 7/31/2021 |
| Power Meter | IN0071 | 12/1/2020 | 12/1/2021 |
| AC Power Source | IN0063 | 12/1/2020 | 12/1/2021 |
| DC Power Source | IN0208 | 12/1/2020 | 12/1/2021 |
| Sphere Thermometer | IN0085 | 12/1/2020 | 12/1/2021 |
| Room Thermometer | IN0046 | 12/1/2020 | 12/1/2021 |

REPORT NUMBER: SP1-2101-121-7

CIE 1931 Chromaticity Diagram



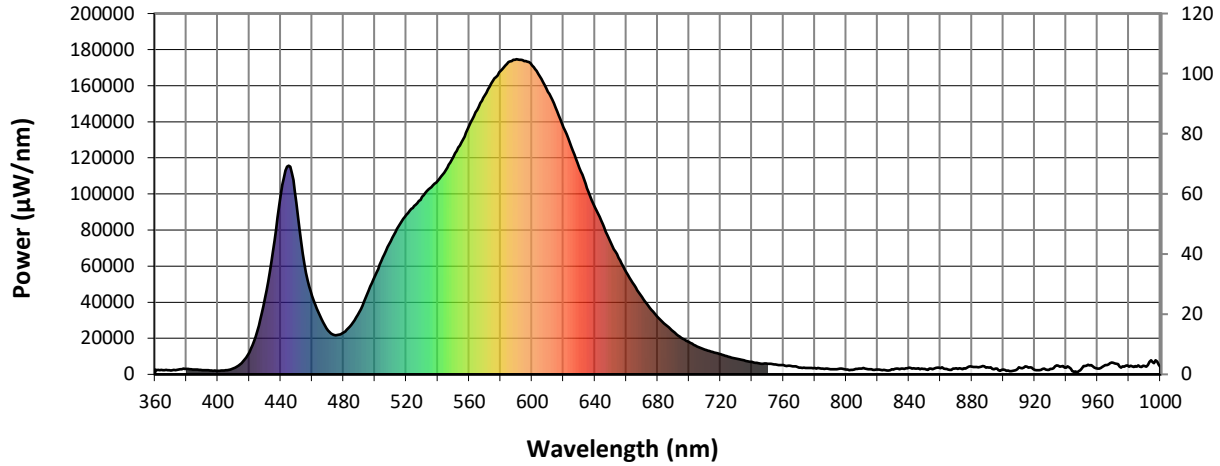
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2101-121-7

Photopic Flux vs. Wavelength

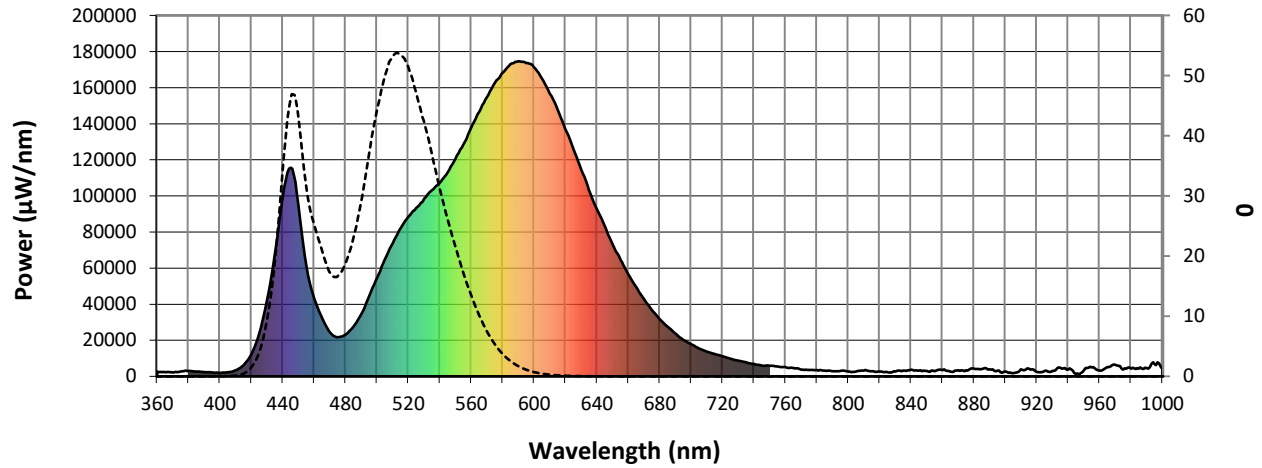


#####

| 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 | 2672 | 0.0 | 490 | 34553 | 4.9 | 620 | 136720 | 35.6 | 750 | 5870 | 0.0 | 880 | 4216 | 0.0 |
| 365 | 2252 | 0.0 | 495 | 44336 | 8.0 | 625 | 126308 | 27.9 | 755 | 5421 | 0.0 | 885 | 4132 | 0.0 |
| 370 | 2217 | 0.0 | 500 | 54643 | 12.1 | 630 | 114625 | 20.7 | 760 | 5097 | 0.0 | 890 | 3992 | 0.0 |
| 375 | 2697 | 0.0 | 505 | 64676 | 18.1 | 635 | 103216 | 15.5 | 765 | 4626 | 0.0 | 895 | 3214 | 0.0 |
| 380 | 3039 | 0.0 | 510 | 73825 | 25.4 | 640 | 92605 | 11.1 | 770 | 3782 | 0.0 | 900 | 2580 | 0.0 |
| 385 | 2655 | 0.0 | 515 | 81872 | 33.9 | 645 | 83234 | 8.0 | 775 | 3506 | 0.0 | 905 | 1776 | 0.0 |
| 390 | 2357 | 0.0 | 520 | 88574 | 43.0 | 650 | 73263 | 5.4 | 780 | 3507 | 0.0 | 910 | 3995 | 0.0 |
| 395 | 2186 | 0.0 | 525 | 93289 | 50.1 | 655 | 64627 | 3.7 | 785 | 3267 | 0.0 | 915 | 4288 | 0.0 |
| 400 | 2015 | 0.0 | 530 | 98393 | 57.9 | 660 | 56614 | 2.4 | 790 | 2849 | 0.0 | 920 | 2446 | 0.0 |
| 405 | 2234 | 0.0 | 535 | 103269 | 64.0 | 665 | 49537 | 1.6 | 795 | 3037 | 0.0 | 925 | 3009 | 0.0 |
| 410 | 3412 | 0.0 | 540 | 107316 | 69.9 | 670 | 42866 | 0.9 | 800 | 2716 | 0.0 | 930 | 3026 | 0.0 |
| 415 | 6135 | 0.0 | 545 | 113101 | 75.3 | 675 | 36708 | 0.6 | 805 | 2648 | 0.0 | 935 | 4734 | 0.0 |
| 420 | 12146 | 0.0 | 550 | 120690 | 82.0 | 680 | 31814 | 0.4 | 810 | 3187 | 0.0 | 940 | 3719 | 0.0 |
| 425 | 23983 | 0.1 | 555 | 128583 | 87.8 | 685 | 27485 | 0.2 | 815 | 2931 | 0.0 | 945 | 1480 | 0.0 |
| 430 | 42142 | 0.3 | 560 | 137796 | 93.6 | 690 | 23698 | 0.1 | 820 | 2717 | 0.0 | 950 | 3450 | 0.0 |
| 435 | 68228 | 0.8 | 565 | 146577 | 97.5 | 695 | 20309 | 0.1 | 825 | 2236 | 0.0 | 955 | 5051 | 0.0 |
| 440 | 99323 | 1.6 | 570 | 154581 | 100.5 | 700 | 17890 | 0.1 | 830 | 2628 | 0.0 | 960 | 3176 | 0.0 |
| 445 | 115584 | 2.4 | 575 | 162633 | 101.2 | 705 | 15500 | 0.0 | 835 | 3140 | 0.0 | 965 | 5178 | 0.0 |
| 450 | 94997 | 2.5 | 580 | 168101 | 99.9 | 710 | 13699 | 0.0 | 840 | 3675 | 0.0 | 970 | 6385 | 0.0 |
| 455 | 61433 | 2.1 | 585 | 173145 | 96.2 | 715 | 12398 | 0.0 | 845 | 3283 | 0.0 | 975 | 3810 | 0.0 |
| 460 | 43373 | 1.8 | 590 | 174675 | 90.3 | 720 | 11147 | 0.0 | 850 | 3055 | 0.0 | 980 | 4322 | 0.0 |
| 465 | 32472 | 1.7 | 595 | 173724 | 82.3 | 725 | 9761 | 0.0 | 855 | 2932 | 0.0 | 985 | 4200 | 0.0 |
| 470 | 24257 | 1.5 | 600 | 171241 | 73.8 | 730 | 8651 | 0.0 | 860 | 3382 | 0.0 | 990 | 4661 | 0.0 |
| 475 | 21690 | 1.7 | 605 | 165134 | 64.0 | 735 | 7730 | 0.0 | 865 | 2605 | 0.0 | 995 | 6746 | 0.0 |
| 480 | 23173 | 2.2 | 610 | 156652 | 53.8 | 740 | 6847 | 0.0 | 870 | 3325 | 0.0 | 1000 | 4150 | 0.0 |
| 485 | 27564 | 3.3 | 615 | 147879 | 44.6 | 745 | 6124 | 0.0 | 875 | 3325 | 0.0 | | | |

REPORT NUMBER: SP1-2101-121-7

Scotopic Flux vs. Wavelength



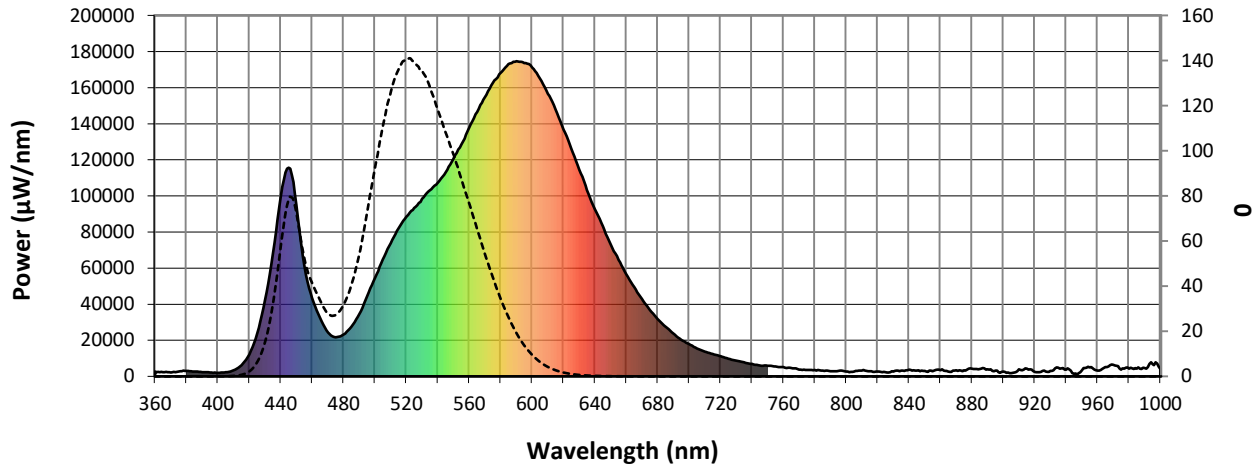
Scotopic Lumens: 12126

S/P: 1.36

| 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 | 2672 | 0.0 | 490 | 34553 | 53.2 | 620 | 136720 | 1.7 | 750 | 5870 | 0.0 | 880 | 4216 | 0.0 |
| 365 | 2252 | 0.0 | 495 | 44336 | 71.7 | 625 | 126308 | 1.1 | 755 | 5421 | 0.0 | 885 | 4132 | 0.0 |
| 370 | 2217 | 0.0 | 500 | 54643 | 91.4 | 630 | 114625 | 0.6 | 760 | 5097 | 0.0 | 890 | 3992 | 0.0 |
| 375 | 2697 | 0.0 | 505 | 64676 | 110.0 | 635 | 103216 | 0.4 | 765 | 4626 | 0.0 | 895 | 3214 | 0.0 |
| 380 | 3039 | 0.0 | 510 | 73825 | 125.1 | 640 | 92605 | 0.2 | 770 | 3782 | 0.0 | 900 | 2580 | 0.0 |
| 385 | 2655 | 0.0 | 515 | 81872 | 135.7 | 645 | 83234 | 0.1 | 775 | 3506 | 0.0 | 905 | 1776 | 0.0 |
| 390 | 2357 | 0.0 | 520 | 88574 | 140.8 | 650 | 73263 | 0.1 | 780 | 3507 | 0.0 | 910 | 3995 | 0.0 |
| 395 | 2186 | 0.0 | 525 | 93289 | 139.6 | 655 | 64627 | 0.1 | 785 | 3267 | 0.0 | 915 | 4288 | 0.0 |
| 400 | 2015 | 0.0 | 530 | 98393 | 135.7 | 660 | 56614 | 0.0 | 790 | 2849 | 0.0 | 920 | 2446 | 0.0 |
| 405 | 2234 | 0.1 | 535 | 103269 | 128.7 | 665 | 49537 | 0.0 | 795 | 3037 | 0.0 | 925 | 3009 | 0.0 |
| 410 | 3412 | 0.2 | 540 | 107316 | 118.6 | 670 | 42866 | 0.0 | 800 | 2716 | 0.0 | 930 | 3026 | 0.0 |
| 415 | 6135 | 0.6 | 545 | 113101 | 108.4 | 675 | 36708 | 0.0 | 805 | 2648 | 0.0 | 935 | 4734 | 0.0 |
| 420 | 12146 | 2.0 | 550 | 120690 | 98.7 | 680 | 31814 | 0.0 | 810 | 3187 | 0.0 | 940 | 3719 | 0.0 |
| 425 | 23983 | 5.9 | 555 | 128583 | 87.9 | 685 | 27485 | 0.0 | 815 | 2931 | 0.0 | 945 | 1480 | 0.0 |
| 430 | 42142 | 14.3 | 560 | 137796 | 77.0 | 690 | 23698 | 0.0 | 820 | 2717 | 0.0 | 950 | 3450 | 0.0 |
| 435 | 68228 | 30.5 | 565 | 146577 | 65.8 | 695 | 20309 | 0.0 | 825 | 2236 | 0.0 | 955 | 5051 | 0.0 |
| 440 | 99323 | 55.5 | 570 | 154581 | 54.6 | 700 | 17890 | 0.0 | 830 | 2628 | 0.0 | 960 | 3176 | 0.0 |
| 445 | 115584 | 77.4 | 575 | 162633 | 44.3 | 705 | 15500 | 0.0 | 835 | 3140 | 0.0 | 965 | 5178 | 0.0 |
| 450 | 94997 | 73.6 | 580 | 168101 | 34.6 | 710 | 13699 | 0.0 | 840 | 3675 | 0.0 | 970 | 6385 | 0.0 |
| 455 | 61433 | 53.7 | 585 | 173145 | 26.5 | 715 | 12398 | 0.0 | 845 | 3283 | 0.0 | 975 | 3810 | 0.0 |
| 460 | 43373 | 41.9 | 590 | 174675 | 19.5 | 720 | 11147 | 0.0 | 850 | 3055 | 0.0 | 980 | 4322 | 0.0 |
| 465 | 32472 | 34.3 | 595 | 173724 | 13.9 | 725 | 9761 | 0.0 | 855 | 2932 | 0.0 | 985 | 4200 | 0.0 |
| 470 | 24257 | 27.9 | 600 | 171241 | 9.7 | 730 | 8651 | 0.0 | 860 | 3382 | 0.0 | 990 | 4661 | 0.0 |
| 475 | 21690 | 27.1 | 605 | 165134 | 6.5 | 735 | 7730 | 0.0 | 865 | 2605 | 0.0 | 995 | 6746 | 0.0 |
| 480 | 23173 | 31.3 | 610 | 156652 | 4.2 | 740 | 6847 | 0.0 | 870 | 3325 | 0.0 | 1000 | 4150 | 0.0 |
| 485 | 27564 | 40.0 | 615 | 147879 | 2.7 | 745 | 6124 | 0.0 | 875 | 3325 | 0.0 | | | |

REPORT NUMBER: SP1-2101-121-7

Melanopic Flux vs. Wavelength

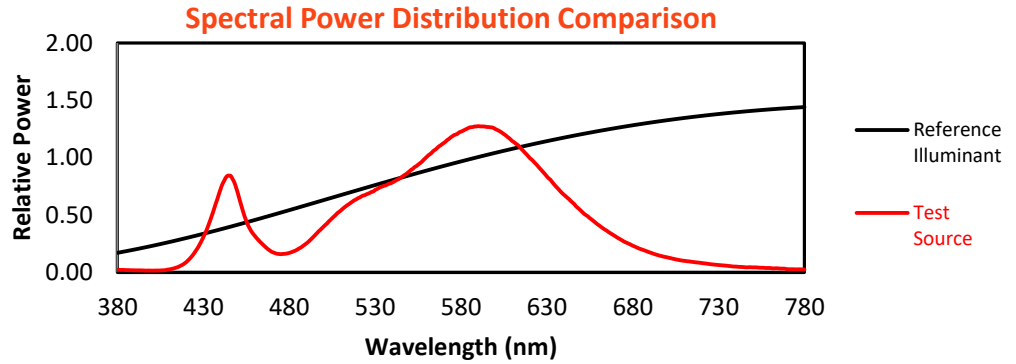


Melanopic Lumens: 4490.7 M/P: 0.5

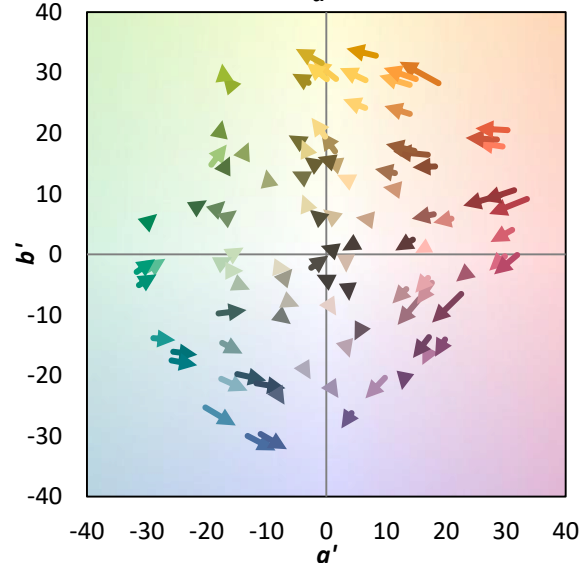
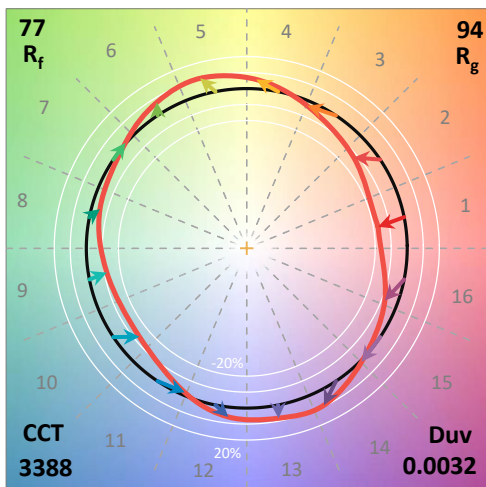
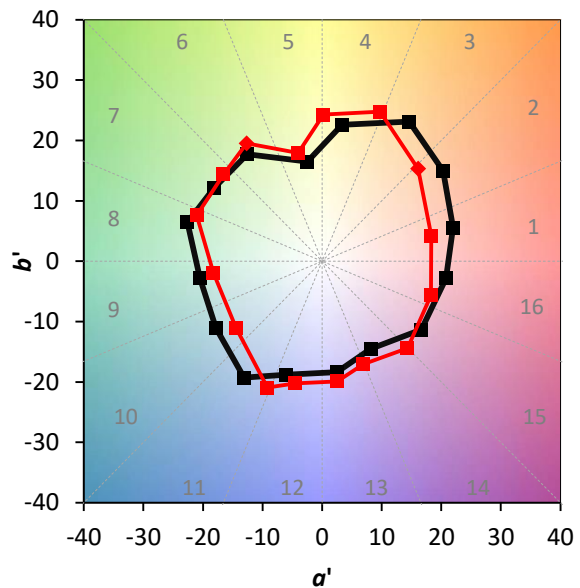
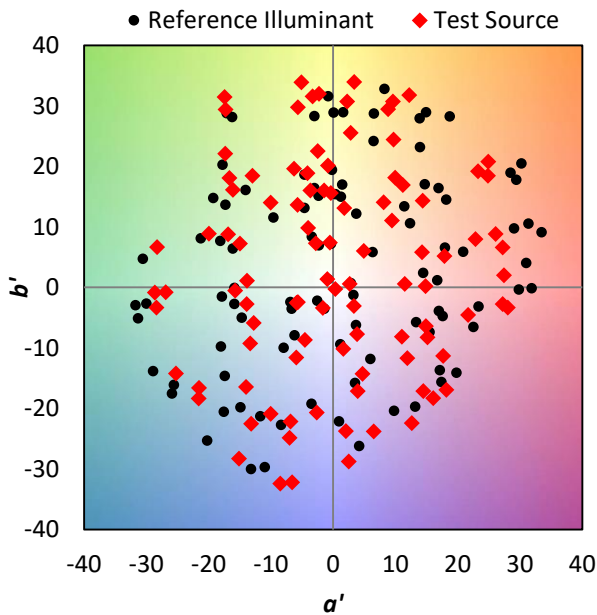
| λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) | λ (nm) | Power (µW/nm) | Lumens (φ/nm) |
|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|--------|---------------|---------------|
| 360 | 2672 | 0.0 | 490 | 34553 | 28.8 | 620 | 136720 | 0.1 | 750 | 5870 | 0.0 | 880 | 4216 | 0.0 |
| 365 | 2252 | 0.0 | 495 | 44336 | 36.6 | 625 | 126308 | 0.1 | 755 | 5421 | 0.0 | 885 | 4132 | 0.0 |
| 370 | 2217 | 0.0 | 500 | 54643 | 43.9 | 630 | 114625 | 0.0 | 760 | 5097 | 0.0 | 890 | 3992 | 0.0 |
| 375 | 2697 | 0.0 | 505 | 64676 | 49.6 | 635 | 103216 | 0.0 | 765 | 4626 | 0.0 | 895 | 3214 | 0.0 |
| 380 | 3039 | 0.0 | 510 | 73825 | 53.0 | 640 | 92605 | 0.0 | 770 | 3782 | 0.0 | 900 | 2580 | 0.0 |
| 385 | 2655 | 0.0 | 515 | 81872 | 53.5 | 645 | 83234 | 0.0 | 775 | 3506 | 0.0 | 905 | 1776 | 0.0 |
| 390 | 2357 | 0.0 | 520 | 88574 | 51.6 | 650 | 73263 | 0.0 | 780 | 3507 | 0.0 | 910 | 3995 | 0.0 |
| 395 | 2186 | 0.0 | 525 | 93289 | 47.3 | 655 | 64627 | 0.0 | 785 | 3267 | 0.0 | 915 | 4288 | 0.0 |
| 400 | 2015 | 0.0 | 530 | 98393 | 42.5 | 660 | 56614 | 0.0 | 790 | 2849 | 0.0 | 920 | 2446 | 0.0 |
| 405 | 2234 | 0.0 | 535 | 103269 | 37.2 | 665 | 49537 | 0.0 | 795 | 3037 | 0.0 | 925 | 3009 | 0.0 |
| 410 | 3412 | 0.1 | 540 | 107316 | 31.4 | 670 | 42866 | 0.0 | 800 | 2716 | 0.0 | 930 | 3026 | 0.0 |
| 415 | 6135 | 0.4 | 545 | 113101 | 26.3 | 675 | 36708 | 0.0 | 805 | 2648 | 0.0 | 935 | 4734 | 0.0 |
| 420 | 12146 | 1.4 | 550 | 120690 | 21.7 | 680 | 31814 | 0.0 | 810 | 3187 | 0.0 | 940 | 3719 | 0.0 |
| 425 | 23983 | 3.7 | 555 | 128583 | 17.3 | 685 | 27485 | 0.0 | 815 | 2931 | 0.0 | 945 | 1480 | 0.0 |
| 430 | 42142 | 8.9 | 560 | 137796 | 13.6 | 690 | 23698 | 0.0 | 820 | 2717 | 0.0 | 950 | 3450 | 0.0 |
| 435 | 68228 | 18.2 | 565 | 146577 | 10.3 | 695 | 20309 | 0.0 | 825 | 2236 | 0.0 | 955 | 5051 | 0.0 |
| 440 | 99323 | 33.2 | 570 | 154581 | 7.6 | 700 | 17890 | 0.0 | 830 | 2628 | 0.0 | 960 | 3176 | 0.0 |
| 445 | 115584 | 45.6 | 575 | 162633 | 5.4 | 705 | 15500 | 0.0 | 835 | 3140 | 0.0 | 965 | 5178 | 0.0 |
| 450 | 94997 | 43.8 | 580 | 168101 | 3.8 | 710 | 13699 | 0.0 | 840 | 3675 | 0.0 | 970 | 6385 | 0.0 |
| 455 | 61433 | 32.2 | 585 | 173145 | 2.6 | 715 | 12398 | 0.0 | 845 | 3283 | 0.0 | 975 | 3810 | 0.0 |
| 460 | 43373 | 25.6 | 590 | 174675 | 1.7 | 720 | 11147 | 0.0 | 850 | 3055 | 0.0 | 980 | 4322 | 0.0 |
| 465 | 32472 | 21.2 | 595 | 173724 | 1.1 | 725 | 9761 | 0.0 | 855 | 2932 | 0.0 | 985 | 4200 | 0.0 |
| 470 | 24257 | 17.4 | 600 | 171241 | 0.7 | 730 | 8651 | 0.0 | 860 | 3382 | 0.0 | 990 | 4661 | 0.0 |
| 475 | 21690 | 16.6 | 605 | 165134 | 0.5 | 735 | 7730 | 0.0 | 865 | 2605 | 0.0 | 995 | 6746 | 0.0 |
| 480 | 23173 | 18.6 | 610 | 156652 | 0.3 | 740 | 6847 | 0.0 | 870 | 3325 | 0.0 | 1000 | 4150 | 0.0 |
| 485 | 27564 | 22.7 | 615 | 147879 | 0.2 | 745 | 6124 | 0.0 | 875 | 3325 | 0.0 | | | |

Summary

$R_f = 76.9$
 $R_g = 94.4$
 $CIE R_a = 73.1$
 $R_g = -34.6$

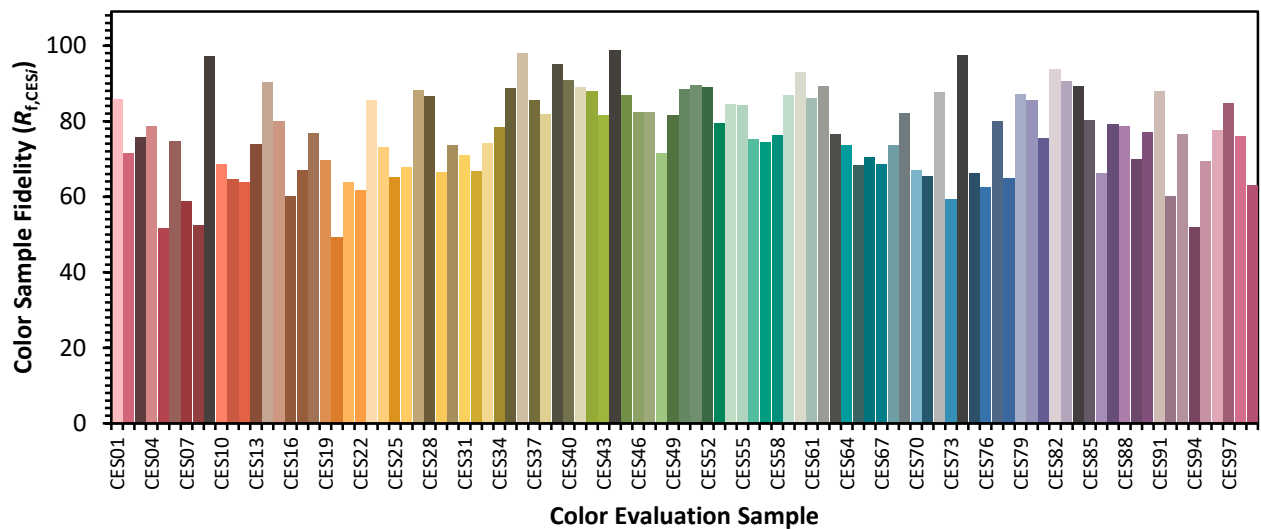


Color Vector Graphics

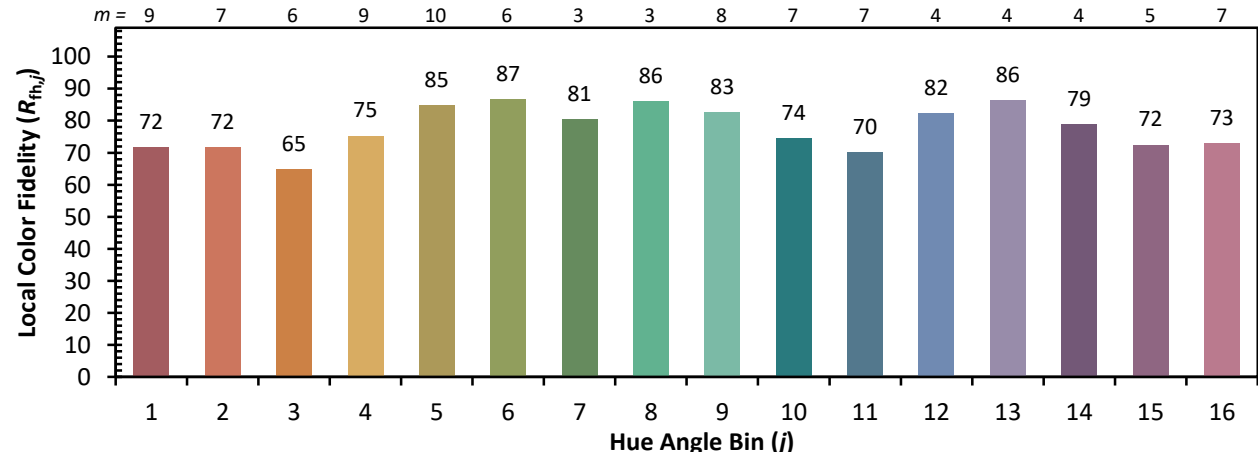
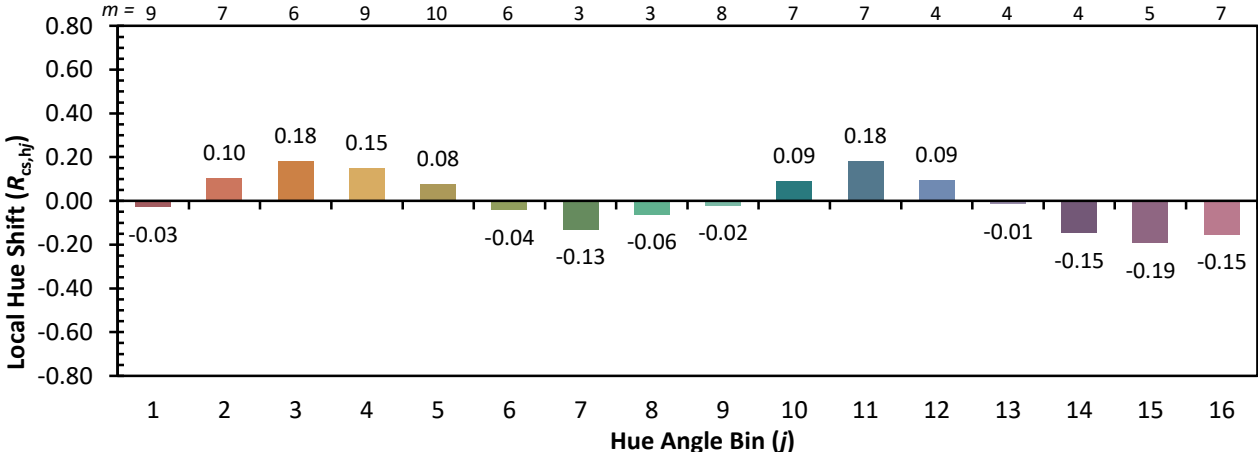
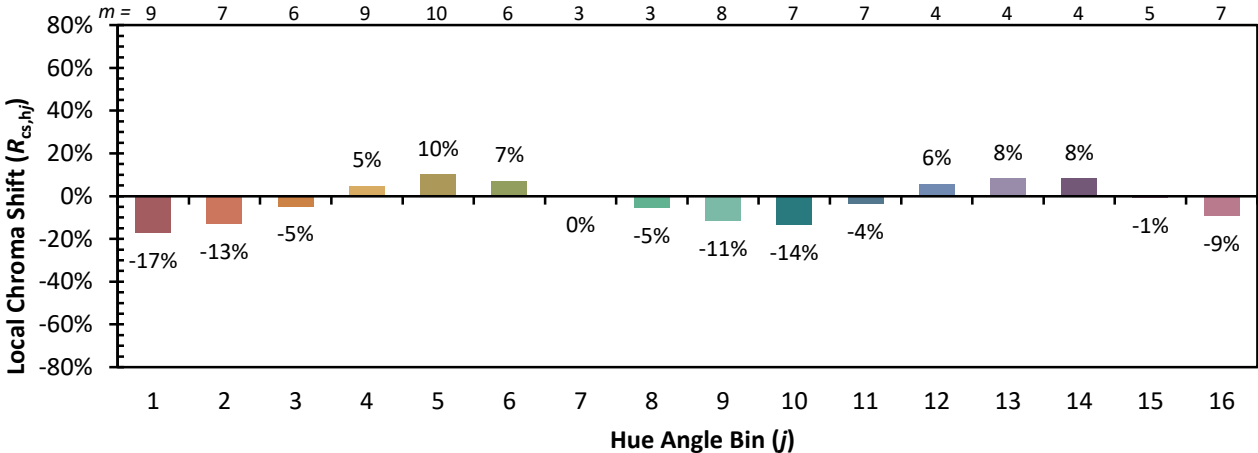


Individual Sample Fidelity Index ($R_{f,i}$)

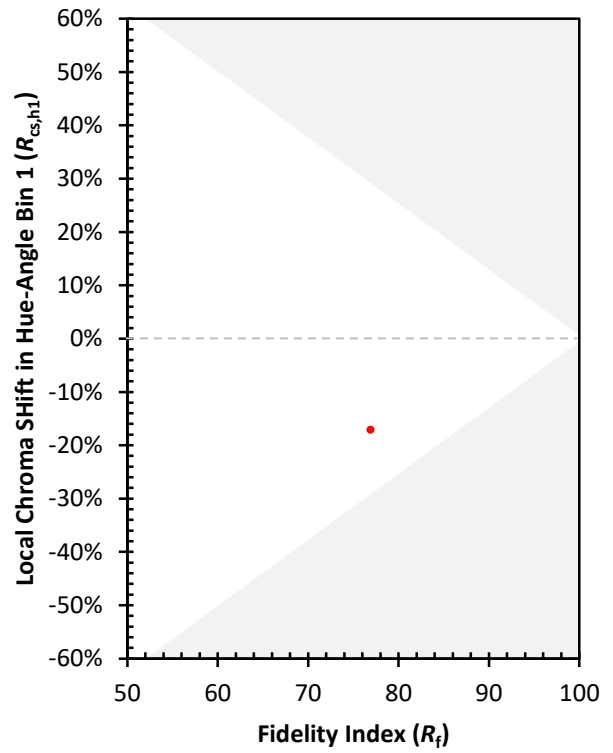
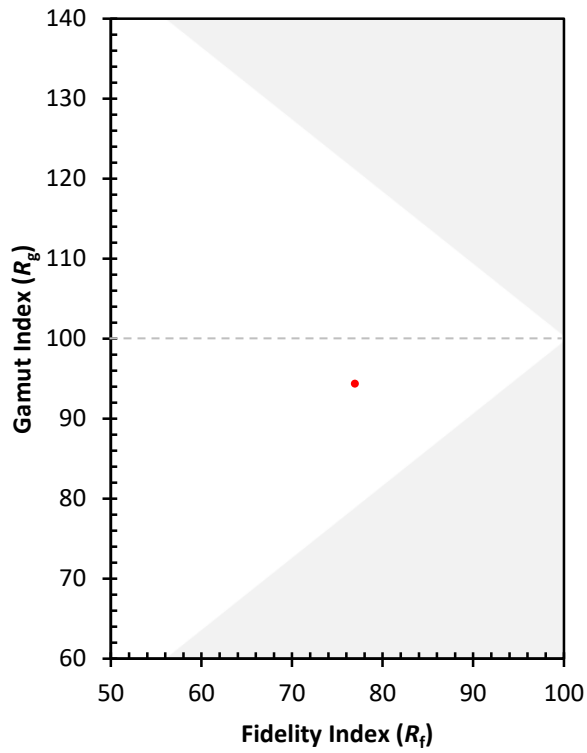
| | | | |
|------------|------------|------------|------------|
| CES01 = 86 | CES26 = 68 | CES51 = 90 | CES76 = 63 |
| CES02 = 62 | CES27 = 88 | CES52 = 89 | CES77 = 80 |
| CES03 = 31 | CES28 = 87 | CES53 = 80 | CES78 = 65 |
| CES04 = 70 | CES29 = 67 | CES54 = 84 | CES79 = 87 |
| CES05 = 48 | CES30 = 74 | CES55 = 84 | CES80 = 86 |
| CES06 = 51 | CES31 = 71 | CES56 = 75 | CES81 = 75 |
| CES07 = 40 | CES32 = 67 | CES57 = 74 | CES82 = 94 |
| CES08 = 39 | CES33 = 74 | CES58 = 76 | CES83 = 91 |
| CES09 = 29 | CES34 = 78 | CES59 = 87 | CES84 = 89 |
| CES10 = 75 | CES35 = 89 | CES60 = 93 | CES85 = 80 |
| CES11 = 58 | CES36 = 98 | CES61 = 86 | CES86 = 66 |
| CES12 = 64 | CES37 = 86 | CES62 = 89 | CES87 = 79 |
| CES13 = 43 | CES38 = 82 | CES63 = 77 | CES88 = 79 |
| CES14 = 74 | CES39 = 95 | CES64 = 74 | CES89 = 70 |
| CES15 = 71 | CES40 = 91 | CES65 = 68 | CES90 = 77 |
| CES16 = 47 | CES41 = 89 | CES66 = 71 | CES91 = 88 |
| CES17 = 50 | CES42 = 88 | CES67 = 69 | CES92 = 60 |
| CES18 = 56 | CES43 = 82 | CES68 = 74 | CES93 = 77 |
| CES19 = 72 | CES44 = 99 | CES69 = 82 | CES94 = 52 |
| CES20 = 65 | CES45 = 87 | CES70 = 67 | CES95 = 69 |
| CES21 = 86 | CES46 = 82 | CES71 = 66 | CES96 = 78 |
| CES22 = 79 | CES47 = 82 | CES72 = 88 | CES97 = 85 |
| CES23 = 92 | CES48 = 72 | CES73 = 59 | CES98 = 76 |
| CES24 = 91 | CES49 = 82 | CES74 = 97 | CES99 = 63 |
| CES25 = 72 | CES50 = 88 | CES75 = 66 | |



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)