

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: STREETWORKS

Report Number: P1064787

Luminaire Tested: **GLAN-SA4C-830-U-RBC**

Issue Date: 08/07/2025



Test Information

Test Method: LM-79-08
Report Number: P1064787
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA4C-830-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
80CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18429 lumens
Efficiency: N/A
Efficacy: 96.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

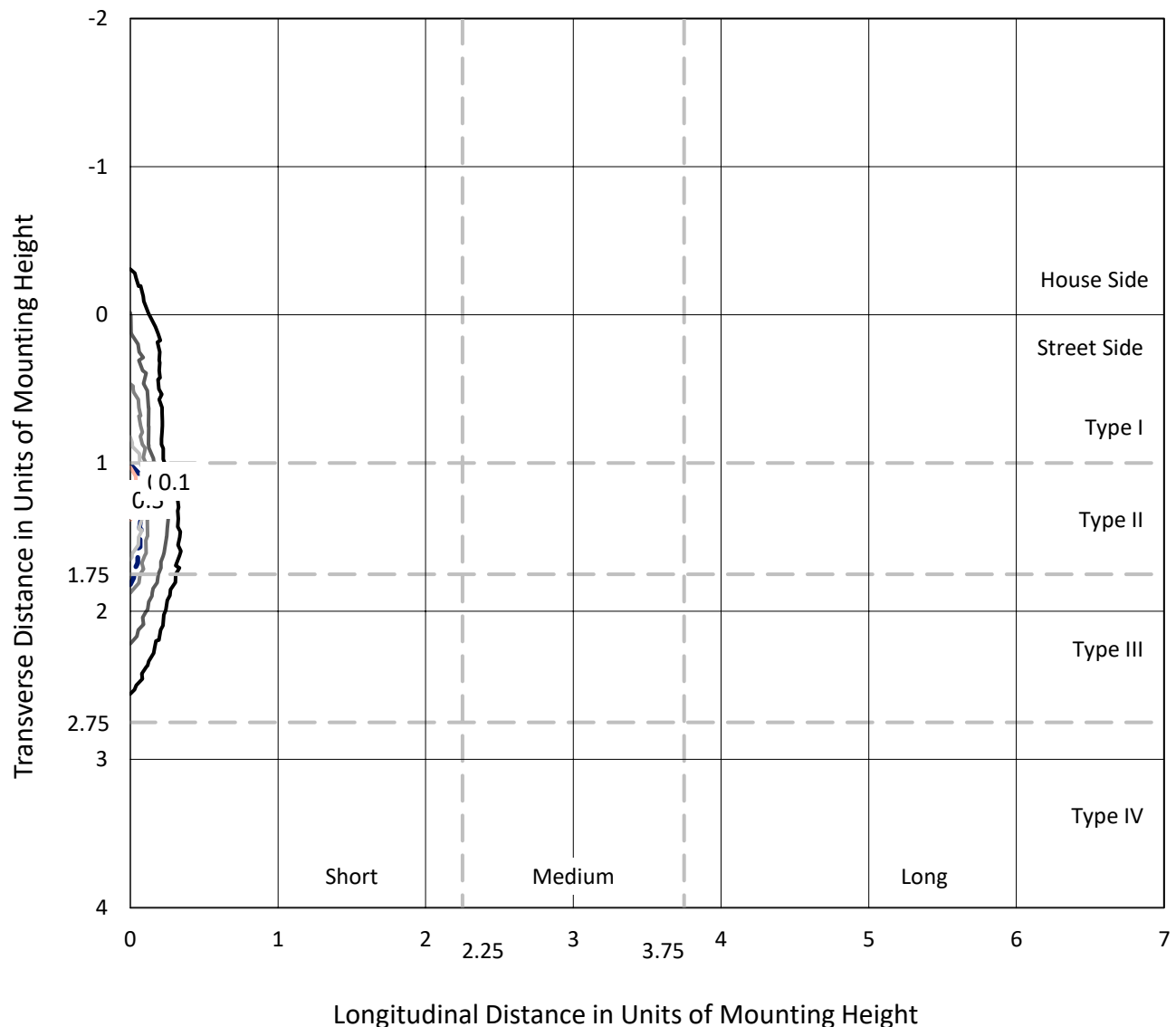
Input Watts (W): 190.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

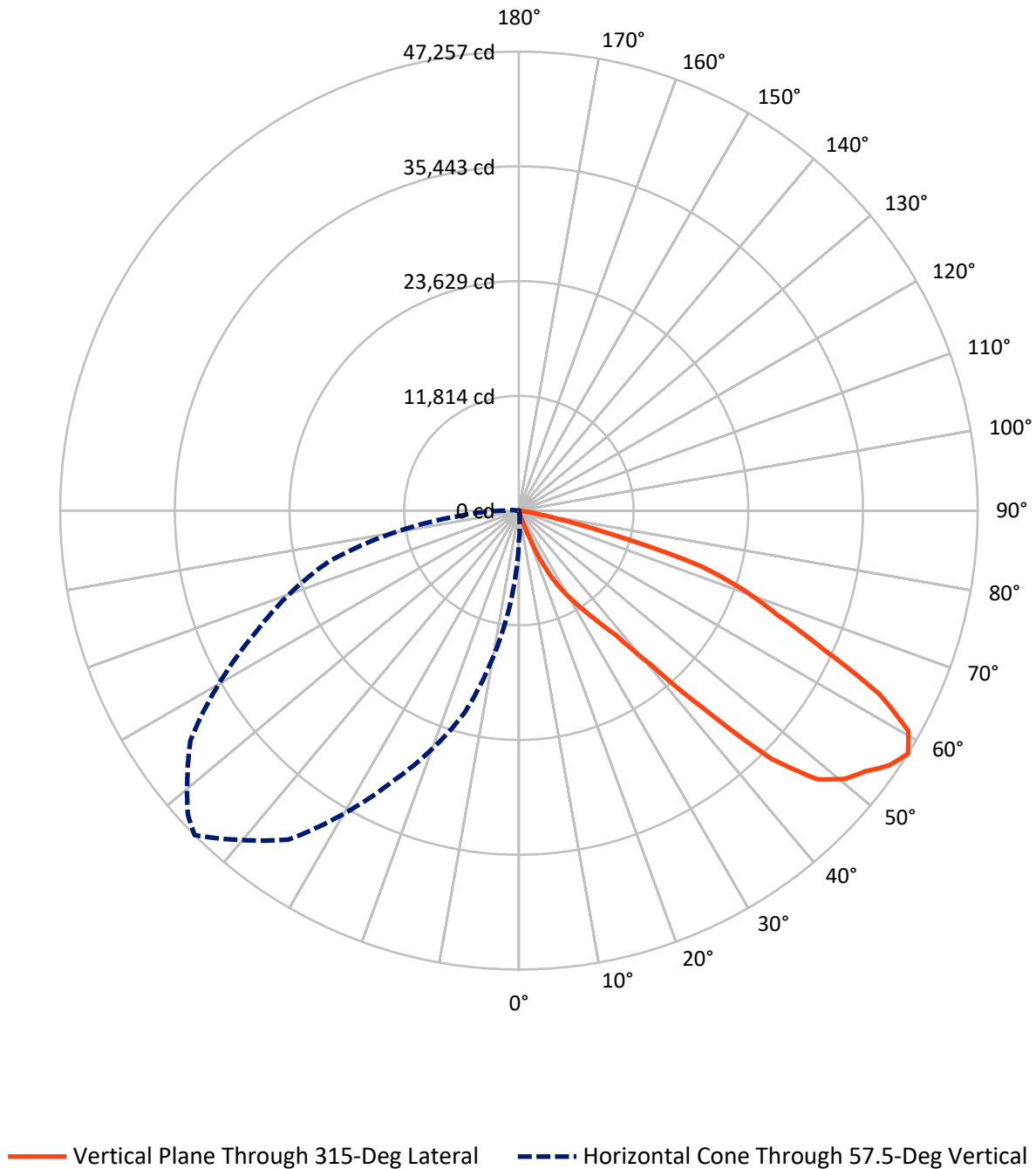
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	92.3	0.0	92.3
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	18336.7	0.0	18336.7
	% Fixture	99.5	0.0	99.5
Total	Lumens	18429.0	0.0	18429.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.2	0.0
10°-20°	40.5	0.2
20°-30°	436.7	2.4
30°-40°	1291.5	7.0
40°-50°	3849.1	20.9
50°-60°	6103.3	33.1
60°-70°	5094.7	27.6
70°-80°	1571.0	8.5
80°-90°	34.9	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	18429.0	100.0
0°-180°	18429.0	100.0

Coefficient of Utilization



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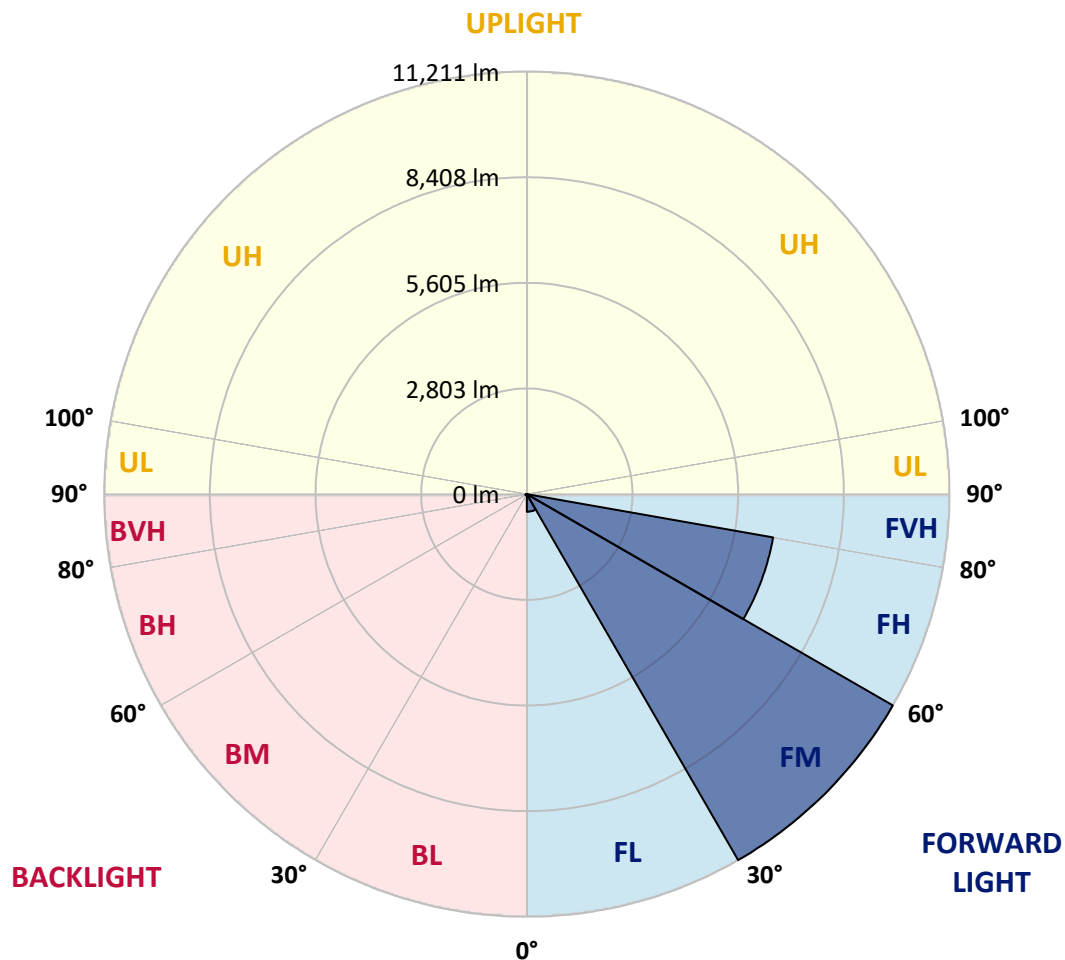
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	467.5	2.5			
FM	(30°-60°)	11210.9	60.8			
FH	(60°-80°)	6631.3	36.0			G3/7500
FVH	(80°-90°)	27.0	0.1			G1/100
BL	(0°-30°)	16.9	0.1	B0/110		
BM	(30°-60°)	33.0	0.2	B0/220		
BH	(60°-80°)	34.4	0.2	B0/110		G0/110
BVH	(80°-90°)	7.9	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
2.5°	73.8	73.8	73.8	73.8	72.4	72.4	71.0	71.0	69.6	69.6
5°	78.0	78.0	76.6	75.2	75.2	73.8	72.4	71.0	71.0	69.6
7.5°	85.0	83.6	82.2	80.8	78.0	76.6	73.8	72.4	71.0	68.2
10°	93.3	90.5	87.7	85.0	82.2	79.4	76.6	75.2	72.4	71.0
12.5°	104.4	100.3	94.7	90.5	87.7	83.6	80.8	78.0	73.8	71.0
15°	114.2	108.6	101.7	96.1	91.9	86.3	82.2	78.0	75.2	71.0
17.5°	128.1	118.4	107.2	100.3	94.7	87.7	80.8	76.6	72.4	66.8
20°	151.8	132.3	111.4	103.1	94.7	86.3	78.0	72.4	68.2	62.7
22.5°	189.4	156.0	122.6	110.0	98.9	86.3	75.2	69.6	64.1	58.5
25°	261.8	201.9	142.1	125.3	108.6	91.9	75.2	68.2	62.7	55.7
27.5°	348.2	259.0	168.5	144.8	122.6	98.9	75.2	66.8	59.9	51.5
30°	435.9	317.5	197.8	167.1	136.5	105.8	75.2	65.5	57.1	47.4
32.5°	519.5	371.8	222.8	186.6	150.4	112.8	76.6	65.5	54.3	43.2
35°	604.4	416.4	227.0	189.4	151.8	112.8	75.2	62.7	51.5	39.0
37.5°	713.0	466.5	218.6	181.0	144.8	107.2	71.0	59.9	48.7	36.2
40°	877.4	550.1	222.8	183.8	144.8	105.8	66.8	55.7	46.0	34.8
42.5°	1181.0	711.7	240.9	196.4	151.8	105.8	61.3	51.5	43.2	33.4
45°	2041.6	1182.4	323.1	256.3	189.4	122.6	55.7	47.4	40.4	32.0
47.5°	3377.2	1979.0	580.7	448.4	317.5	185.2	54.3	47.4	40.4	32.0
50°	4310.3	2520.7	731.1	562.6	394.1	225.6	57.1	48.7	41.8	33.4
52.5°	4303.3	2559.7	814.7	625.3	437.3	247.9	59.9	51.5	44.6	36.2
55°	3825.7	2328.5	830.0	637.8	447.0	254.9	64.1	55.7	47.4	39.0
57.5°	3197.6	1977.6	757.6	586.3	416.4	245.1	73.8	64.1	55.7	46.0
60°	2529.1	1559.8	590.5	466.5	344.0	220.0	97.5	85.0	73.8	61.3
62.5°	1746.4	1130.8	515.3	413.6	313.3	211.7	111.4	98.9	87.7	75.2
65°	1235.3	850.9	465.2	378.8	293.9	207.5	121.2	107.2	94.7	80.8
67.5°	923.3	676.8	428.9	355.1	281.3	207.5	133.7	117.0	101.7	85.0
70°	707.5	555.7	402.5	342.6	284.1	224.2	164.3	140.7	118.4	94.7
72.5°	576.6	474.9	371.8	328.7	285.5	242.3	199.2	168.5	137.9	105.8
75°	477.7	406.7	335.6	299.4	264.6	228.4	192.2	164.3	137.9	110.0
77.5°	317.5	289.7	260.4	239.5	218.6	196.4	175.5	151.8	129.5	105.8
80°	111.4	107.2	103.1	111.4	119.8	128.1	136.5	119.8	104.4	87.7
82.5°	16.7	15.3	13.9	15.3	16.7	18.1	19.5	20.9	22.3	23.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	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
97.5°	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
102.5°	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
107.5°	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



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
0.0	2.5°	68.2	68.2	66.8	66.8	66.8	65.5	65.5	64.1	64.1	64.1
0.0	5°	66.8	66.8	65.5	64.1	62.7	62.7	61.3	59.9	59.9	58.5
0.0	7.5°	65.5	64.1	62.7	61.3	59.9	58.5	57.1	55.7	55.7	54.3
0.0	10°	66.8	64.1	62.7	59.9	58.5	57.1	54.3	52.9	51.5	51.5
0.0	12.5°	64.1	62.7	59.9	57.1	55.7	52.9	51.5	48.7	47.4	47.4
0.0	15°	64.1	61.3	57.1	54.3	51.5	50.1	47.4	44.6	43.2	41.8
0.0	17.5°	59.9	57.1	52.9	50.1	47.4	44.6	41.8	39.0	37.6	36.2
0.0	20°	54.3	51.5	47.4	43.2	40.4	37.6	34.8	32.0	30.6	29.2
0.0	22.5°	48.7	46.0	41.8	37.6	34.8	32.0	27.9	25.1	23.7	20.9
0.0	25°	46.0	41.8	37.6	33.4	29.2	26.5	22.3	18.1	15.3	12.5
0.0	27.5°	39.0	34.8	30.6	26.5	22.3	18.1	13.9	9.7	7.0	5.6
0.0	30°	33.4	29.2	25.1	20.9	15.3	11.1	7.0	1.4	1.4	1.4
0.0	32.5°	27.9	23.7	18.1	13.9	11.1	7.0	4.2	0.0	0.0	0.0
0.0	35°	22.3	18.1	12.5	8.4	7.0	4.2	2.8	0.0	0.0	0.0
0.0	37.5°	19.5	15.3	9.7	4.2	2.8	2.8	1.4	0.0	0.0	0.0
0.0	40°	18.1	12.5	7.0	1.4	1.4	1.4	0.0	0.0	0.0	0.0
0.0	42.5°	18.1	12.5	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	18.1	12.5	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	18.1	12.5	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	19.5	13.9	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	22.3	16.7	11.1	5.6	4.2	2.8	1.4	0.0	0.0	0.0
0.0	55°	27.9	25.1	20.9	18.1	13.9	9.7	4.2	0.0	0.0	0.0
0.0	57.5°	36.2	36.2	34.8	33.4	25.1	16.7	8.4	0.0	0.0	0.0
0.0	60°	48.7	48.7	48.7	48.7	36.2	25.1	12.5	0.0	0.0	0.0
0.0	62.5°	59.9	57.1	52.9	50.1	37.6	25.1	12.5	0.0	0.0	0.0
0.0	65°	59.9	54.3	47.4	40.4	30.6	20.9	9.7	0.0	0.0	0.0
0.0	67.5°	55.7	44.6	32.0	20.9	15.3	11.1	5.6	0.0	0.0	0.0
	70°	55.7	39.0	22.3	5.6	4.2	2.8	1.4	0.0	0.0	0.0
	72.5°	55.7	37.6	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	61.3	41.8	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	61.3	41.8	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	54.3	36.2	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	18.1	12.5	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	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
	97.5°	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
	102.5°	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
	107.5°	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



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
0.0	2.5°	62.7	62.7	62.7	61.3	61.3	61.3	61.3	59.9	59.9	59.9
0.0	5°	57.1	57.1	55.7	55.7	54.3	54.3	52.9	52.9	51.5	51.5
0.0	7.5°	52.9	51.5	51.5	50.1	48.7	48.7	47.4	47.4	46.0	44.6
0.0	10°	48.7	47.4	47.4	46.0	44.6	43.2	43.2	41.8	40.4	39.0
0.0	12.5°	44.6	43.2	41.8	40.4	39.0	37.6	37.6	36.2	34.8	33.4
0.0	15°	39.0	37.6	36.2	34.8	33.4	32.0	32.0	30.6	29.2	27.9
0.0	17.5°	33.4	32.0	32.0	30.6	29.2	27.9	26.5	23.7	22.3	20.9
0.0	20°	25.1	23.7	22.3	20.9	19.5	16.7	15.3	12.5	9.7	8.4
0.0	22.5°	16.7	13.9	12.5	9.7	7.0	5.6	4.2	1.4	0.0	0.0
0.0	25°	5.6	4.2	2.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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



REPORT NUMBER: P1064787

CATALOG NUMBER: GLAN-SA4C-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064787

CATALOG NUMBER: GLAN-SA4C-830-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
0.0	2.5°	58.5	58.5	58.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1
0.0	5°	50.1	50.1	50.1	48.7	48.7	47.4	47.4	47.4	46.0	46.0
0.0	7.5°	43.2	41.8	41.8	40.4	40.4	39.0	39.0	39.0	37.6	37.6
0.0	10°	36.2	34.8	34.8	33.4	33.4	32.0	32.0	30.6	30.6	29.2
0.0	12.5°	32.0	30.6	29.2	27.9	27.9	26.5	25.1	25.1	23.7	22.3
0.0	15°	25.1	23.7	22.3	20.9	19.5	18.1	16.7	16.7	15.3	13.9
0.0	17.5°	16.7	13.9	12.5	11.1	11.1	9.7	8.4	7.0	5.6	4.2
0.0	20°	4.2	2.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	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
	97.5°	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
	102.5°	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
	107.5°	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



REPORT NUMBER: P1064787

CATALOG NUMBER: GLAN-SA4C-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064787

CATALOG NUMBER: GLAN-SA4C-830-U-RBC

CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
0.0	2.5°	57.1	55.7	55.7	55.7	57.1	57.1	57.1	57.1	57.1	57.1
0.0	5°	46.0	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
0.0	7.5°	37.6	36.2	36.2	36.2	36.2	34.8	34.8	34.8	34.8	34.8
0.0	10°	29.2	27.9	27.9	27.9	27.9	26.5	26.5	26.5	26.5	26.5
0.0	12.5°	20.9	20.9	19.5	19.5	19.5	18.1	18.1	18.1	18.1	16.7
0.0	15°	12.5	11.1	9.7	9.7	9.7	8.4	8.4	8.4	8.4	7.0
0.0	17.5°	2.8	2.8	1.4	1.4	1.4	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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

CATALOG NUMBER: GLAN-SA4C-830-U-RBC

[illegible]



REPORT NUMBER: P1064787

CATALOG NUMBER: GLAN-SA4C-830-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
0.0	2.5°	58.5	58.5	59.9	59.9	61.3	64.1	65.5	66.8	69.6	72.4
0.0	5°	46.0	47.4	47.4	48.7	50.1	51.5	52.9	54.3	57.1	59.9
0.0	7.5°	36.2	36.2	37.6	37.6	39.0	41.8	43.2	44.6	47.4	51.5
0.0	10°	27.9	27.9	29.2	29.2	30.6	33.4	34.8	36.2	39.0	43.2
0.0	12.5°	18.1	19.5	19.5	20.9	22.3	25.1	26.5	27.9	30.6	33.4
0.0	15°	8.4	9.7	9.7	11.1	12.5	15.3	16.7	18.1	20.9	25.1
0.0	17.5°	1.4	1.4	2.8	2.8	4.2	5.6	7.0	8.4	12.5	15.3
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	5.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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

CATALOG NUMBER: GLAN-SA4C-830-U-RBC

[illegible]

REPORT NUMBER: P1064787

CATALOG NUMBER: GLAN-SA4C-830-U-RBC

CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
0.0	2.5°	76.6	79.4	82.2	85.0	87.7	90.5	91.9	94.7	96.1	97.5
0.0	5°	65.5	68.2	72.4	75.2	78.0	80.8	83.6	85.0	86.3	87.7
0.0	7.5°	57.1	59.9	64.1	66.8	69.6	72.4	75.2	78.0	79.4	80.8
0.0	10°	48.7	52.9	55.7	59.9	62.7	65.5	68.2	71.0	73.8	75.2
0.0	12.5°	39.0	43.2	47.4	50.1	54.3	58.5	61.3	64.1	66.8	69.6
0.0	15°	30.6	34.8	39.0	41.8	46.0	50.1	54.3	57.1	59.9	62.7
0.0	17.5°	22.3	26.5	30.6	33.4	37.6	41.8	44.6	48.7	51.5	54.3
0.0	20°	11.1	15.3	19.5	23.7	27.9	32.0	34.8	39.0	41.8	44.6
0.0	22.5°	1.4	5.6	9.7	12.5	16.7	20.9	23.7	27.9	30.6	33.4
0.0	25°	0.0	1.4	4.2	5.6	7.0	9.7	12.5	15.3	18.1	20.9
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.4	2.8	5.6	8.4	11.1
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	2.8
	85°	0.0	0.0	0.0	0.0	0.0	2.8	4.2	7.0	8.4	9.7
	87.5°	0.0	1.4	2.8	4.2	5.6	8.4	11.1	13.9	15.3	16.7
	90°	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
	95°	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
	100°	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
	105°	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
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1064787

CATALOG NUMBER: GLAN-SA4C-830-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
80.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.2	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											
0.0											
0.0											
0.0											
1.4											
5.6											
12.5											
18.1											
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REPORT NUMBER: P1064787

CATALOG NUMBER: GLAN-SA4C-830-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
0.0	2.5°	98.9	98.9	98.9	98.9	97.5	97.5	97.5	96.1	96.1	94.7
0.0	5°	90.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	90.5	90.5
0.0	7.5°	83.6	85.0	86.3	86.3	87.7	87.7	87.7	86.3	86.3	85.0
0.0	10°	79.4	80.8	80.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2
0.0	12.5°	73.8	75.2	76.6	76.6	78.0	78.0	78.0	78.0	76.6	76.6
0.0	15°	66.8	69.6	71.0	72.4	72.4	73.8	73.8	73.8	73.8	73.8
0.0	17.5°	61.3	64.1	65.5	66.8	66.8	68.2	68.2	69.6	69.6	69.6
0.0	20°	50.1	52.9	54.3	57.1	58.5	59.9	61.3	62.7	62.7	64.1
0.0	22.5°	39.0	41.8	43.2	46.0	47.4	48.7	50.1	51.5	52.9	54.3
0.0	25°	27.9	30.6	32.0	34.8	36.2	37.6	39.0	40.4	40.4	41.8
0.0	27.5°	15.3	18.1	20.9	22.3	25.1	26.5	27.9	29.2	30.6	32.0
0.0	30°	7.0	8.4	9.7	12.5	13.9	15.3	16.7	19.5	20.9	22.3
0.0	32.5°	0.0	0.0	1.4	4.2	5.6	7.0	8.4	9.7	9.7	11.1
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.8	4.2	5.6
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	2.8	2.8	2.8	4.2	4.2	4.2	4.2	4.2	4.2	4.2
	82.5°	7.0	8.4	9.7	9.7	11.1	11.1	11.1	11.1	9.7	9.7
	85°	13.9	15.3	16.7	16.7	18.1	18.1	18.1	18.1	18.1	18.1
	87.5°	19.5	20.9	22.3	22.3	23.7	23.7	23.7	23.7	23.7	23.7
	90°	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
	95°	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
	100°	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
	105°	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
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1064787

CATALOG NUMBER: GLAN-SA4C-830-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
80.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	165°	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	170°	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	175°	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	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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4.2										
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REPORT NUMBER: P1064787

CATALOG NUMBER: GLAN-SA4C-830-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
0.0	0°	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
0.0	2.5°	93.3	93.3	91.9	91.9	91.9	91.9	91.9	93.3	94.7	94.7
0.0	5°	89.1	89.1	87.7	87.7	87.7	89.1	89.1	90.5	91.9	93.3
0.0	7.5°	85.0	83.6	83.6	85.0	85.0	86.3	86.3	87.7	89.1	90.5
0.0	10°	82.2	80.8	80.8	80.8	82.2	82.2	83.6	85.0	86.3	87.7
0.0	12.5°	76.6	76.6	76.6	76.6	78.0	78.0	79.4	80.8	83.6	85.0
0.0	15°	73.8	72.4	72.4	72.4	72.4	73.8	73.8	76.6	79.4	80.8
0.0	17.5°	68.2	68.2	66.8	66.8	68.2	68.2	69.6	72.4	75.2	76.6
0.0	20°	62.7	61.3	59.9	59.9	61.3	61.3	62.7	65.5	68.2	69.6
0.0	22.5°	54.3	52.9	52.9	52.9	52.9	54.3	54.3	57.1	61.3	64.1
0.0	25°	43.2	44.6	44.6	46.0	46.0	47.4	48.7	51.5	55.7	58.5
0.0	27.5°	33.4	34.8	34.8	37.6	39.0	40.4	41.8	46.0	50.1	52.9
0.0	30°	25.1	26.5	27.9	29.2	32.0	34.8	37.6	41.8	46.0	48.7
0.0	32.5°	15.3	18.1	19.5	22.3	25.1	27.9	30.6	34.8	40.4	44.6
0.0	35°	11.1	12.5	15.3	16.7	19.5	22.3	25.1	30.6	34.8	40.4
0.0	37.5°	5.6	8.4	11.1	13.9	16.7	19.5	22.3	27.9	33.4	37.6
0.0	40°	4.2	7.0	8.4	11.1	15.3	18.1	20.9	26.5	32.0	37.6
0.0	42.5°	2.8	4.2	5.6	9.7	12.5	16.7	20.9	26.5	32.0	37.6
0.0	45°	2.8	2.8	4.2	8.4	12.5	18.1	22.3	27.9	32.0	37.6
0.0	47.5°	2.8	4.2	5.6	11.1	13.9	18.1	22.3	26.5	32.0	36.2
0.0	50°	4.2	5.6	7.0	12.5	15.3	19.5	22.3	27.9	32.0	37.6
0.0	52.5°	2.8	4.2	5.6	11.1	15.3	20.9	25.1	30.6	36.2	40.4
0.0	55°	1.4	1.4	1.4	8.4	16.7	23.7	32.0	36.2	41.8	46.0
0.0	57.5°	0.0	0.0	0.0	5.6	16.7	26.5	36.2	41.8	47.4	51.5
0.0	60°	0.0	0.0	0.0	5.6	16.7	26.5	36.2	43.2	50.1	57.1
0.0	62.5°	0.0	0.0	0.0	5.6	13.9	22.3	30.6	41.8	54.3	65.5
0.0	65°	0.0	0.0	0.0	4.2	11.1	18.1	25.1	41.8	58.5	73.8
0.0	67.5°	0.0	0.0	0.0	4.2	11.1	16.7	23.7	41.8	58.5	76.6
	70°	0.0	0.0	0.0	4.2	11.1	18.1	25.1	41.8	58.5	75.2
	72.5°	0.0	0.0	0.0	4.2	12.5	19.5	27.9	41.8	55.7	69.6
	75°	0.0	0.0	0.0	5.6	12.5	20.9	29.2	41.8	54.3	65.5
	77.5°	0.0	0.0	0.0	4.2	12.5	19.5	27.9	40.4	52.9	64.1
	80°	4.2	2.8	2.8	7.0	12.5	18.1	23.7	36.2	50.1	62.7
	82.5°	8.4	8.4	7.0	9.7	12.5	16.7	20.9	32.0	44.6	55.7
	85°	16.7	16.7	15.3	16.7	16.7	18.1	19.5	25.1	30.6	36.2
	87.5°	22.3	22.3	20.9	20.9	20.9	19.5	19.5	19.5	19.5	18.1
	90°	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
	95°	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
	100°	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
	105°	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
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1064787

CATALOG NUMBER: GLAN-SA4C-830-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
80.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.9											
83.6											
78.0											
76.6											
75.2											
66.8											
41.8											
18.1											
0.0											
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REPORT NUMBER: P1064787

CATALOG NUMBER: GLAN-SA4C-830-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
0.0	2.5°	97.5	98.9	98.9	100.3	101.7	103.1	103.1	104.4	104.4	104.4
0.0	5°	96.1	98.9	100.3	101.7	103.1	104.4	105.8	107.2	108.6	108.6
0.0	7.5°	94.7	96.1	98.9	100.3	103.1	104.4	107.2	108.6	110.0	111.4
0.0	10°	91.9	94.7	97.5	100.3	103.1	105.8	108.6	111.4	114.2	115.6
0.0	12.5°	89.1	93.3	96.1	98.9	103.1	107.2	110.0	114.2	117.0	119.8
0.0	15°	87.7	90.5	94.7	97.5	103.1	108.6	112.8	118.4	123.9	128.1
0.0	17.5°	83.6	89.1	93.3	97.5	103.1	110.0	115.6	121.2	129.5	137.9
0.0	20°	78.0	82.2	87.7	91.9	100.3	107.2	115.6	122.6	135.1	147.6
0.0	22.5°	72.4	78.0	82.2	87.7	97.5	105.8	115.6	123.9	144.8	164.3
0.0	25°	66.8	73.8	79.4	85.0	96.1	107.2	118.4	129.5	164.3	199.2
0.0	27.5°	64.1	69.6	76.6	82.2	96.1	111.4	125.3	139.3	195.0	249.3
0.0	30°	59.9	66.8	72.4	79.4	97.5	115.6	133.7	151.8	236.8	321.7
0.0	32.5°	55.7	62.7	69.6	76.6	100.3	123.9	146.2	169.9	281.3	391.3
0.0	35°	51.5	59.9	66.8	73.8	104.4	136.5	167.1	197.8	321.7	444.3
0.0	37.5°	50.1	58.5	65.5	72.4	105.8	137.9	171.3	203.3	325.9	448.4
0.0	40°	51.5	58.5	66.8	73.8	101.7	129.5	156.0	183.8	312.0	438.7
0.0	42.5°	51.5	59.9	68.2	76.6	98.9	121.2	143.4	165.7	307.8	449.8
0.0	45°	50.1	58.5	66.8	75.2	96.1	115.6	136.5	156.0	332.8	508.3
0.0	47.5°	48.7	57.1	65.5	73.8	94.7	115.6	136.5	157.4	430.3	701.9
0.0	50°	48.7	57.1	64.1	71.0	96.1	122.6	147.6	172.7	626.7	1079.3
0.0	52.5°	51.5	58.5	64.1	69.6	98.9	129.5	158.8	188.0	796.6	1403.8
0.0	55°	55.7	59.9	65.5	69.6	105.8	140.7	176.9	211.7	848.1	1484.6
0.0	57.5°	61.3	65.5	69.6	73.8	118.4	162.9	206.1	250.7	852.3	1452.5
0.0	60°	68.2	73.8	78.0	82.2	129.5	178.3	225.6	273.0	771.5	1268.7
0.0	62.5°	83.6	90.5	96.1	103.1	149.0	193.6	239.5	284.1	640.6	997.1
0.0	65°	96.1	101.7	107.2	112.8	157.4	203.3	247.9	292.5	543.1	793.8
0.0	67.5°	98.9	104.4	108.6	114.2	160.2	206.1	250.7	296.6	465.2	632.3
	70°	100.3	107.2	115.6	122.6	169.9	217.3	263.2	310.6	412.2	513.9
	72.5°	96.1	110.0	122.6	135.1	179.7	222.8	267.4	310.6	383.0	455.4
	75°	96.1	115.6	133.7	151.8	185.2	217.3	250.7	282.7	338.4	394.1
	77.5°	101.7	126.7	151.8	176.9	196.4	214.5	234.0	252.1	288.3	324.5
	80°	101.7	128.1	153.2	179.7	188.0	197.8	206.1	214.5	218.6	222.8
	82.5°	87.7	108.6	129.5	150.4	140.7	130.9	121.2	111.4	104.4	96.1
	85°	44.6	48.7	51.5	54.3	50.1	46.0	41.8	37.6	34.8	30.6
	87.5°	18.1	18.1	16.7	16.7	16.7	16.7	15.3	15.3	15.3	15.3
	90°	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
	95°	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
	100°	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
	105°	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
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1064787

CATALOG NUMBER: GLAN-SA4C-830-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
80.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
218.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
296.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
412.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
558.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
697.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
792.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
863.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
934.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1073.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1352.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2061.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3157.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3974.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4065.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3668.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3136.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2451.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1852.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1367.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
967.9											
720.0											
523.6											
394.1											
221.4											
100.3											
29.2											
13.9											
0.0											
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REPORT NUMBER: P1064787

CATALOG NUMBER: GLAN-SA4C-830-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
0.0	2.5°	104.4	103.1	103.1	101.7	100.3	98.9	97.5	96.1	94.7	93.3
0.0	5°	108.6	108.6	108.6	107.2	107.2	105.8	105.8	104.4	103.1	101.7
0.0	7.5°	112.8	114.2	114.2	115.6	115.6	115.6	115.6	114.2	114.2	114.2
0.0	10°	119.8	121.2	122.6	123.9	125.3	126.7	126.7	128.1	128.1	128.1
0.0	12.5°	128.1	132.3	135.1	139.3	142.1	146.2	149.0	153.2	156.0	158.8
0.0	15°	140.7	147.6	156.0	162.9	169.9	179.7	190.8	200.5	210.3	225.6
0.0	17.5°	158.8	181.0	203.3	224.2	246.5	295.2	344.0	391.3	440.1	511.1
0.0	20°	193.6	260.4	325.9	392.7	458.2	629.5	799.4	970.7	1140.6	1323.0
0.0	22.5°	271.6	435.9	600.2	764.6	928.9	1286.8	1643.3	2001.3	2357.8	2777.0
0.0	25°	394.1	696.3	998.5	1299.4	1601.6	2161.4	2722.7	3282.5	3842.4	4386.9
0.0	27.5°	573.8	1036.1	1498.5	1959.5	2421.8	3180.8	3941.2	4700.2	5459.2	6074.8
0.0	30°	795.2	1421.9	2048.6	2675.3	3302.0	4165.5	5028.9	5891.0	6754.4	7427.1
0.0	32.5°	1004.1	1771.5	2538.8	3304.8	4072.2	5055.4	6040.0	7023.2	8006.4	8741.8
0.0	35°	1140.6	2068.1	2997.0	3924.5	4852.0	5916.0	6980.0	8042.6	9106.6	9946.4
0.0	37.5°	1277.1	2348.0	3417.6	4488.6	5558.1	6726.6	7895.0	9063.5	10231.9	11269.4
0.0	40°	1430.3	2686.5	3941.2	5197.4	6452.2	7836.5	9219.4	10603.8	11986.7	13450.4
0.0	42.5°	1696.3	3247.7	4800.5	6351.9	7903.4	9734.7	11566.1	13396.0	15227.4	17316.4
0.0	45°	2196.2	4382.7	6570.6	8757.1	10943.6	13369.6	15797.0	18223.0	20649.0	23428.8
0.0	47.5°	3420.4	6428.5	9435.3	12443.5	15450.2	18069.8	20688.0	23307.6	25925.9	28694.5
0.0	50°	5233.6	8734.8	12236.0	15735.7	19236.9	21607.2	23976.1	26346.4	28715.4	31348.9
0.0	52.5°	6545.5	10192.9	13841.7	17489.1	21136.5	23275.6	25416.1	27555.3	29694.4	32155.2
0.0	55°	6644.4	10270.9	13898.8	17525.3	21151.8	23300.7	25449.6	27598.4	29747.3	32355.8
0.0	57.5°	5882.6	9479.9	13075.7	16673.0	20268.8	22715.8	25161.3	27608.2	30053.7	32873.9
0.0	60°	5003.8	8602.5	12199.7	15798.4	19395.6	22214.4	25034.6	27853.3	30672.1	33313.9
0.0	62.5°	3903.6	7605.3	11308.4	15010.1	18711.9	21573.8	24435.7	27296.2	30158.2	32139.9
0.0	65°	2909.3	6503.7	10098.2	13691.3	17285.8	19578.1	21870.4	24161.3	26453.7	27680.6
0.0	67.5°	2102.9	5203.0	8301.7	11401.8	14500.4	16141.0	17781.5	19420.7	21061.3	21999.9
	70°	1421.9	3569.4	5715.5	7863.0	10009.1	11357.2	12706.7	14054.8	15402.9	16670.2
	72.5°	984.6	2190.7	3398.1	4604.2	5810.2	7166.7	8521.7	9878.2	11233.2	12574.4
	75°	653.2	1201.9	1752.0	2300.7	2849.4	3853.5	4859.0	5863.1	6867.2	7666.6
	77.5°	463.8	628.1	793.8	958.2	1122.5	1310.5	1499.9	1687.9	1875.9	2161.4
	80°	220.0	240.9	261.8	281.3	302.2	370.4	438.7	506.9	575.2	647.6
	82.5°	104.4	112.8	121.2	128.1	136.5	143.4	150.4	157.4	164.3	157.4
	85°	27.9	27.9	29.2	29.2	29.2	29.2	29.2	29.2	29.2	27.9
	87.5°	12.5	12.5	12.5	12.5	12.5	12.5	12.5	11.1	11.1	9.7
	90°	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
	95°	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
	100°	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
	105°	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
	110°	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: GLAN-SA4C-830-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
80.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
242.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1506.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3196.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4931.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6690.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8101.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9478.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10786.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12308.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14914.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19405.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26208.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31463.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33982.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34616.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34965.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35694.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35954.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34123.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28908.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22940.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17936.1											
13915.5											
8466.0											
2446.9											
720.0											
149.0											
26.5											
9.7											
0.0											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
0.0	2.5°	90.5	89.1	87.7	86.3	85.0	82.2	82.2	80.8	80.8
0.0	5°	98.9	97.5	96.1	94.7	94.7	93.3	91.9	91.9	90.5
0.0	7.5°	112.8	111.4	110.0	108.6	108.6	107.2	107.2	105.8	105.8
0.0	10°	129.5	129.5	129.5	129.5	129.5	128.1	128.1	128.1	126.7
0.0	12.5°	162.9	164.3	167.1	169.9	174.1	174.1	174.1	172.7	172.7
0.0	15°	257.6	273.0	284.1	295.2	305.0	327.3	324.5	320.3	317.5
0.0	17.5°	651.8	721.4	759.0	795.2	832.8	935.9	919.2	902.4	887.1
0.0	20°	1689.3	1871.7	1992.9	2114.1	2236.6	2430.2	2382.9	2335.5	2288.1
0.0	22.5°	3614.0	4033.2	4215.6	4398.0	4579.1	4813.1	4661.3	4509.5	4359.0
0.0	25°	5474.6	6019.1	6326.9	6634.7	6941.0	7074.7	6877.0	6677.8	6480.1
0.0	27.5°	7305.9	7921.5	8193.0	8463.2	8734.8	9014.7	8769.6	8523.1	8278.0
0.0	30°	8773.8	9446.4	9740.3	10032.8	10326.6	10521.6	10268.1	10013.3	9759.8
0.0	32.5°	10213.8	10949.1	11270.8	11592.5	11912.9	12192.8	11880.8	11567.5	11255.5
0.0	35°	11624.6	12464.4	12907.2	13350.1	13793.0	14053.4	13682.9	13311.1	12940.6
0.0	37.5°	13345.9	14383.4	14879.2	15375.0	15870.8	16345.7	15937.7	15528.2	15120.2
0.0	40°	16377.7	17841.4	18601.8	19363.6	20124.0	20736.8	20221.5	19706.2	19190.9
0.0	42.5°	21494.4	23583.4	24676.6	25768.5	26861.7	27818.5	27276.7	26735.0	26193.2
0.0	45°	28988.3	31768.1	33100.9	34432.3	35765.0	36464.2	35684.3	34903.0	34123.1
0.0	47.5°	34230.3	36998.9	38185.5	39372.0	40558.6	41356.6	40402.6	39448.6	38496.1
0.0	50°	36614.6	39248.1	40438.8	41628.2	42818.9	43452.5	42350.9	41248.0	40146.4
0.0	52.5°	37075.5	39536.4	40956.9	42378.8	43799.3	44646.1	43345.3	42043.2	40742.4
0.0	55°	37574.1	40182.6	41830.1	43479.0	45126.5	46299.2	44828.5	43356.5	41885.8
0.0	57.5°	38512.8	41332.9	42976.3	44618.2	46261.6	47257.3	45782.5	44306.3	42831.4
0.0	60°	38596.3	41236.8	42649.0	44062.5	45474.7	46101.4	44690.6	43278.5	41867.7
0.0	62.5°	36104.8	38086.6	39067.0	40047.5	41027.9	41708.9	40236.9	38763.4	37291.4
0.0	65°	30135.9	31362.8	32144.1	32925.4	33706.7	34518.6	33170.5	31822.4	30474.3
0.0	67.5°	23878.6	24817.3	25846.5	26875.7	27904.8	28772.5	27693.1	26612.4	25533.1
	70°	19203.5	20469.4	21626.7	22784.0	23941.3	24651.6	23568.1	22483.2	21399.7
	72.5°	15256.6	16597.8	17564.3	18529.4	19495.9	19670.0	18873.4	18076.8	17281.6
	75°	9264.0	10063.4	10082.9	10101.0	10120.5	10286.2	9626.1	8966.0	8307.2
	77.5°	2732.4	3017.9	3253.3	3487.2	3722.6	4006.7	3764.4	3520.7	3278.3
	80°	791.0	863.5	924.7	984.6	1045.9	1009.7	952.6	895.5	838.4
	82.5°	142.1	133.7	132.3	130.9	130.9	123.9	112.8	101.7	90.5
	85°	25.1	23.7	22.3	20.9	19.5	18.1	15.3	13.9	11.1
	87.5°	8.4	7.0	5.6	4.2	4.2	1.4	1.4	1.4	0.0
	90°	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
	95°	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
	100°	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
	105°	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
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GLAN-SA4C-830-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
0.0	0.0	2.5°	79.4	78.0	78.0	78.0	78.0	76.6	76.6	76.6	76.6
0.0	0.0	5°	87.7	87.7	86.3	86.3	85.0	85.0	83.6	83.6	82.2
0.0	0.0	7.5°	103.1	101.7	100.3	98.9	97.5	94.7	93.3	91.9	91.9
0.0	0.0	10°	123.9	121.2	119.8	117.0	115.6	112.8	110.0	107.2	104.4
0.0	0.0	12.5°	162.9	157.4	153.2	147.6	142.1	137.9	132.3	128.1	122.6
0.0	0.0	15°	282.7	268.8	253.5	235.4	215.9	197.8	178.3	167.1	154.6
0.0	0.0	17.5°	722.8	650.4	576.6	516.7	456.8	398.3	338.4	295.2	252.1
0.0	0.0	20°	1839.7	1639.2	1438.6	1240.9	1041.7	844.0	644.8	544.5	444.3
0.0	0.0	22.5°	3462.2	3090.3	2717.1	2356.4	1994.3	1633.6	1272.9	1045.9	820.3
0.0	0.0	25°	5343.7	4875.7	4407.8	3814.5	3219.8	2626.6	2033.3	1664.2	1295.2
0.0	0.0	27.5°	6953.6	6414.6	5875.7	5154.3	4432.9	3711.5	2990.1	2439.9	1891.2
0.0	0.0	30°	8347.6	7768.3	7188.9	6349.2	5509.4	4669.6	3829.8	3141.9	2453.9
0.0	0.0	32.5°	9556.5	8862.9	8169.4	7303.1	6436.9	5570.7	4704.4	3860.5	3016.5
0.0	0.0	35°	10950.5	10141.4	9330.9	8369.9	7407.6	6446.6	5485.7	4533.1	3579.1
0.0	0.0	37.5°	12722.0	11729.0	10734.7	9663.7	8592.7	7523.2	6452.2	5363.2	4274.1
0.0	0.0	40°	16113.1	14831.9	13550.6	12190.0	10828.0	9467.3	8106.7	6769.7	5432.8
0.0	0.0	42.5°	22189.3	20458.3	18727.2	16916.7	15104.8	13294.4	11482.5	9596.9	7709.8
0.0	0.0	45°	29046.8	26899.3	24750.4	22718.5	20685.3	18653.4	16621.5	14033.9	11446.3
0.0	0.0	47.5°	32903.1	30584.3	28265.5	26342.3	24419.0	22495.7	20572.5	17782.9	14993.4
0.0	0.0	50°	34322.2	31961.7	29601.1	27831.0	26059.6	24289.5	22518.0	19724.3	16929.2
0.0	0.0	52.5°	34624.4	32216.5	29808.6	28027.4	26246.2	24466.3	22685.1	19909.5	17134.0
0.0	0.0	55°	35245.6	32662.2	30077.4	28046.9	26016.4	23985.9	21955.4	19135.2	16315.1
0.0	0.0	57.5°	36057.5	33408.6	30759.8	28446.6	26133.4	23821.5	21508.3	18425.0	15341.6
0.0	0.0	60°	35844.4	33539.6	31233.3	28755.8	26276.8	23799.3	21320.3	17929.2	14536.6
0.0	0.0	62.5°	32145.5	30310.0	28473.0	26435.6	24396.7	22359.2	20321.8	16830.4	13338.9
0.0	0.0	65°	26445.3	25105.6	23765.8	22126.7	20486.1	18846.9	17207.8	14077.1	10947.7
0.0	0.0	67.5°	21433.1	19923.5	18412.4	17106.1	15798.4	14492.1	13184.4	10720.7	8257.1
		70°	17028.1	15386.2	13742.8	12467.1	11190.1	9914.4	8638.7	7000.9	5364.5
		72.5°	13522.8	12042.4	10562.0	9201.3	7839.3	6478.7	5116.7	4148.7	3180.8
		75°	6463.4	5871.5	5279.6	4567.9	3856.3	3144.6	2433.0	2011.0	1590.4
		77.5°	2395.4	2076.5	1756.2	1466.5	1176.8	888.5	598.8	548.7	498.6
		80°	619.7	540.4	459.6	402.5	344.0	286.9	229.8	207.5	186.6
		82.5°	71.0	65.5	61.3	58.5	54.3	51.5	47.4	43.2	39.0
		85°	4.2	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	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
		97.5°	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
		102.5°	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
		107.5°	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



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1064787

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	80.8	80.8
0.0	0.0	2.5°	75.2	73.8
0.0	0.0	5°	79.4	78.0
0.0	0.0	7.5°	87.7	85.0
0.0	0.0	10°	96.1	93.3
0.0	0.0	12.5°	108.6	104.4
0.0	0.0	15°	122.6	114.2
0.0	0.0	17.5°	146.2	128.1
0.0	0.0	20°	197.8	151.8
0.0	0.0	22.5°	278.5	189.4
0.0	0.0	25°	409.4	261.8
0.0	0.0	27.5°	569.6	348.2
0.0	0.0	30°	757.6	435.9
0.0	0.0	32.5°	923.3	519.5
0.0	0.0	35°	1139.2	604.4
0.0	0.0	37.5°	1405.2	713.0
0.0	0.0	40°	1817.4	877.4
0.0	0.0	42.5°	2559.7	1181.0
0.0	0.0	45°	4157.1	2041.6
0.0	0.0	47.5°	6396.5	3377.2
0.0	0.0	50°	7825.4	4310.3
0.0	0.0	52.5°	7942.4	4303.3
0.0	0.0	55°	7250.2	3825.7
0.0	0.0	57.5°	6186.2	3197.6
0.0	0.0	60°	5141.7	2529.1
0.0	0.0	62.5°	4051.3	1746.4
0.0	0.0	65°	2960.8	1235.3
0.0	0.0	67.5°	2126.6	923.3
		70°	1398.2	707.5
		72.5°	910.8	576.6
		75°	612.8	477.7
		77.5°	357.9	317.5
		80°	126.7	111.4
		82.5°	23.7	16.7
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1064787

CATALOG NUMBER: GLAN-SA4C-830-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-9
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-830-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3055
 CIE u' : 0.2475
 CIE v' : 0.5247
 Duv: 0.0032
 CIE x: 0.4377
 CIE y: 0.4124
 CIE z: 0.1499
 Peak Wavelength (nm): 604
 Dominant Wavelength (nm): 581
 Purity: 55.16339
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 80.9
 R1: 79.5
 R2: 85.6
 R3: 92.1
 R4: 82.4
 R5: 78.9
 R6: 81.7
 R7: 85.1
 R8: 61.9
 R9: 6.8
 R10: 67.1
 R11: 82.5
 R12: 63.4
 R13: 80.2
 R14: 95.1
 R15: 71.7



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

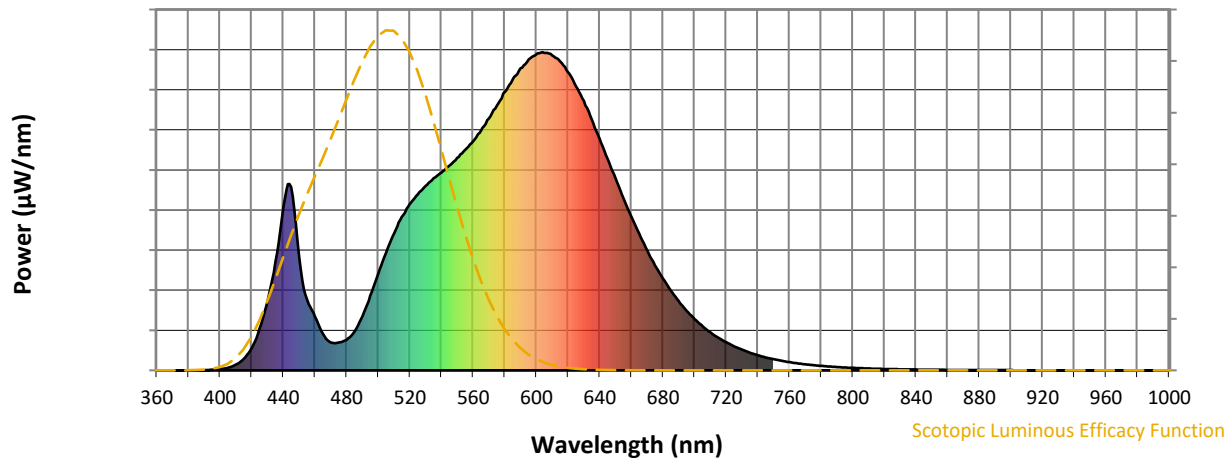


Photopic Lumens: NR

λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength



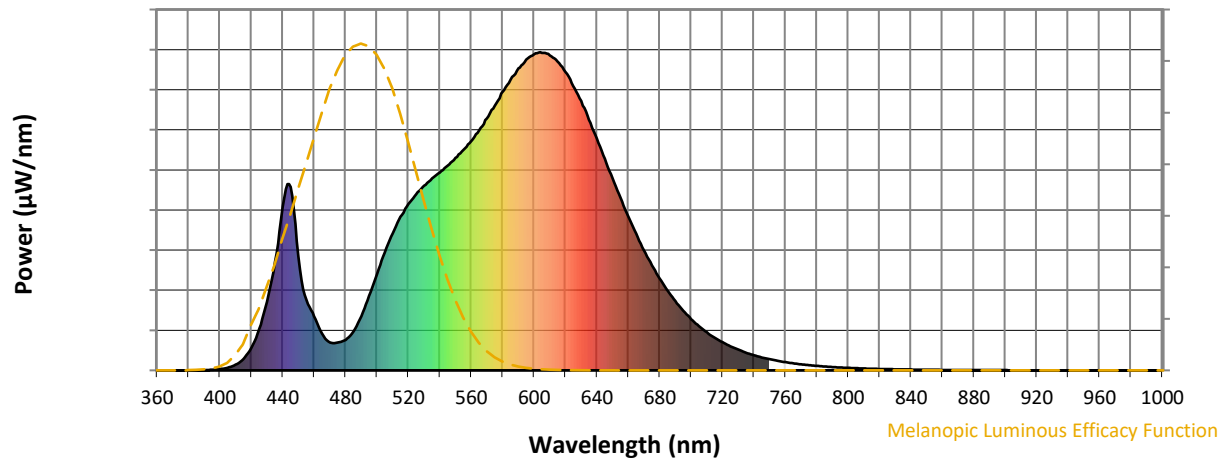
Scotopic Lumens: NR

S/P: 1.28

λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.33

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

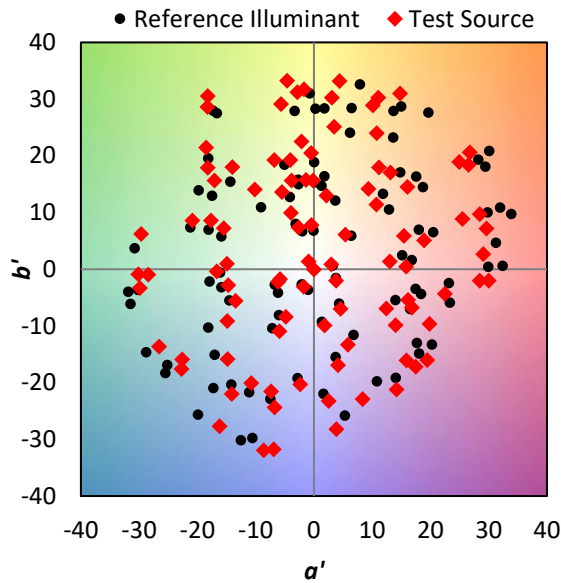
TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 80.9$
 $R_9 = 6.8$



Color Vector Graphics

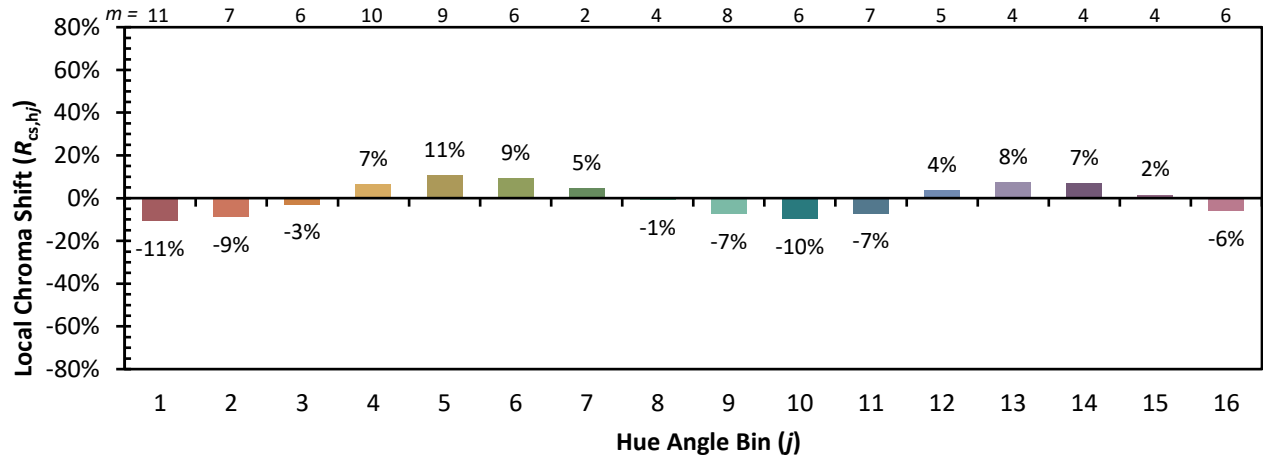


Individual Sample Fidelity Index ($R_{f,i}$)

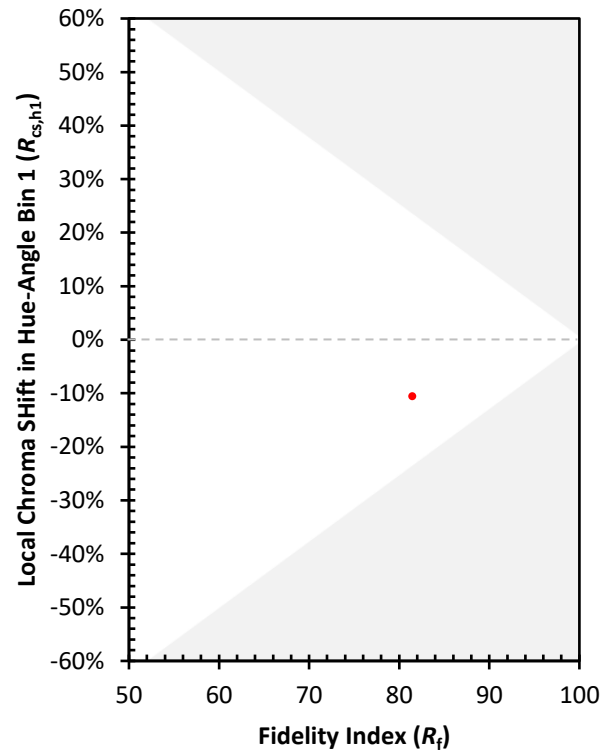
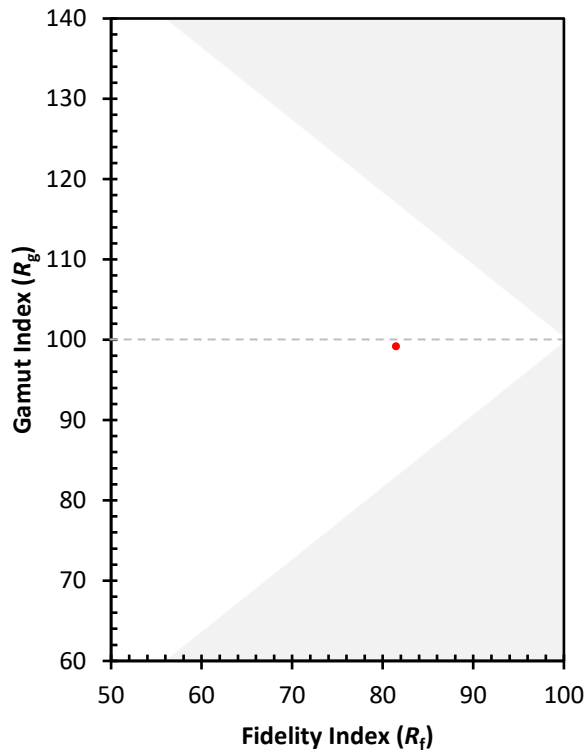
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)