

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: P1064515

Luminaire Tested: **GLAN-SA8C-740-U-RBC**

Issue Date: 08/07/2025



Test Information

Test Method: LM-79-08
Report Number: P1064515
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA8C-740-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE
70CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 40219 lumens
Efficiency: N/A
Efficacy: 107.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 372.9
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

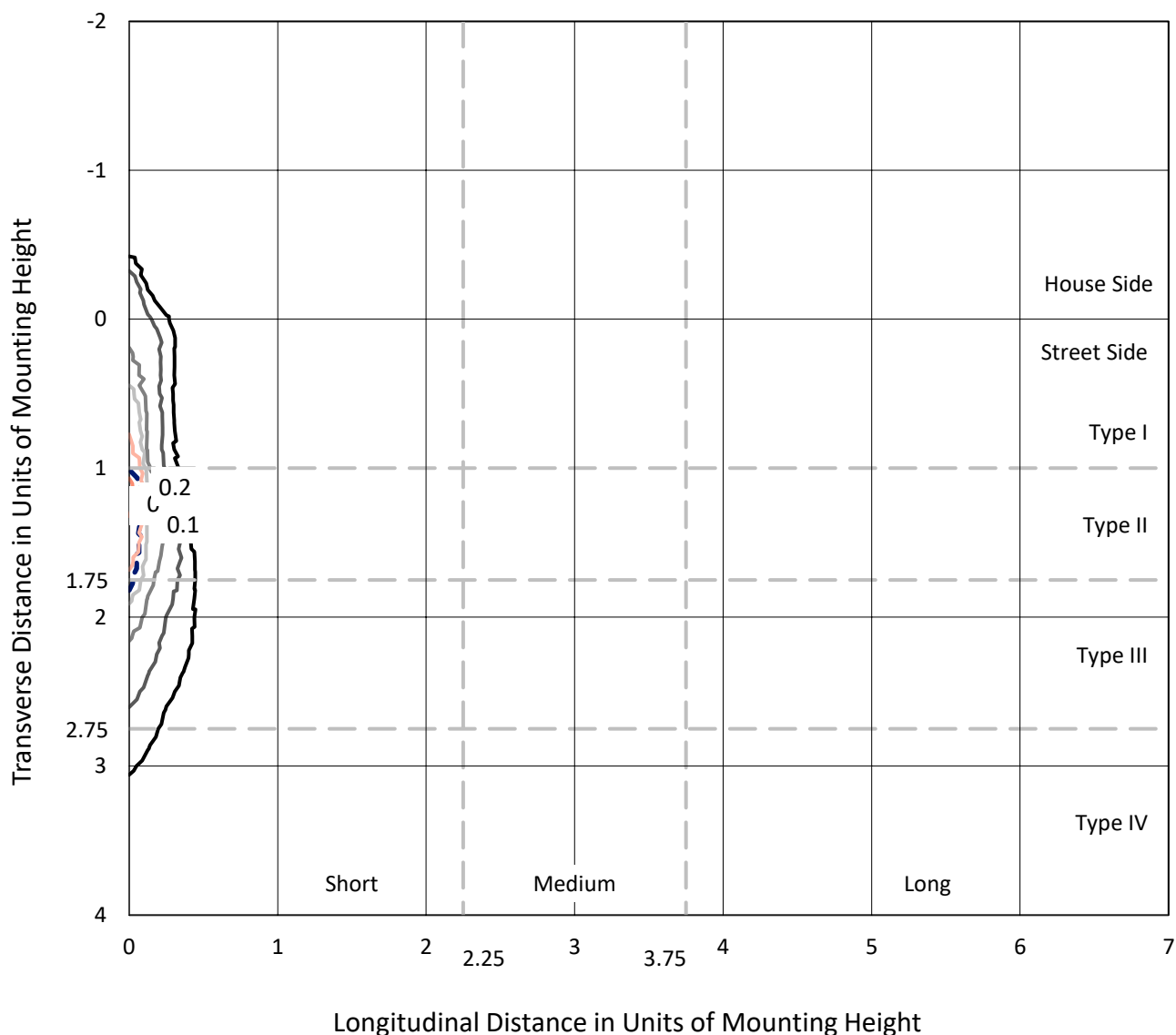
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

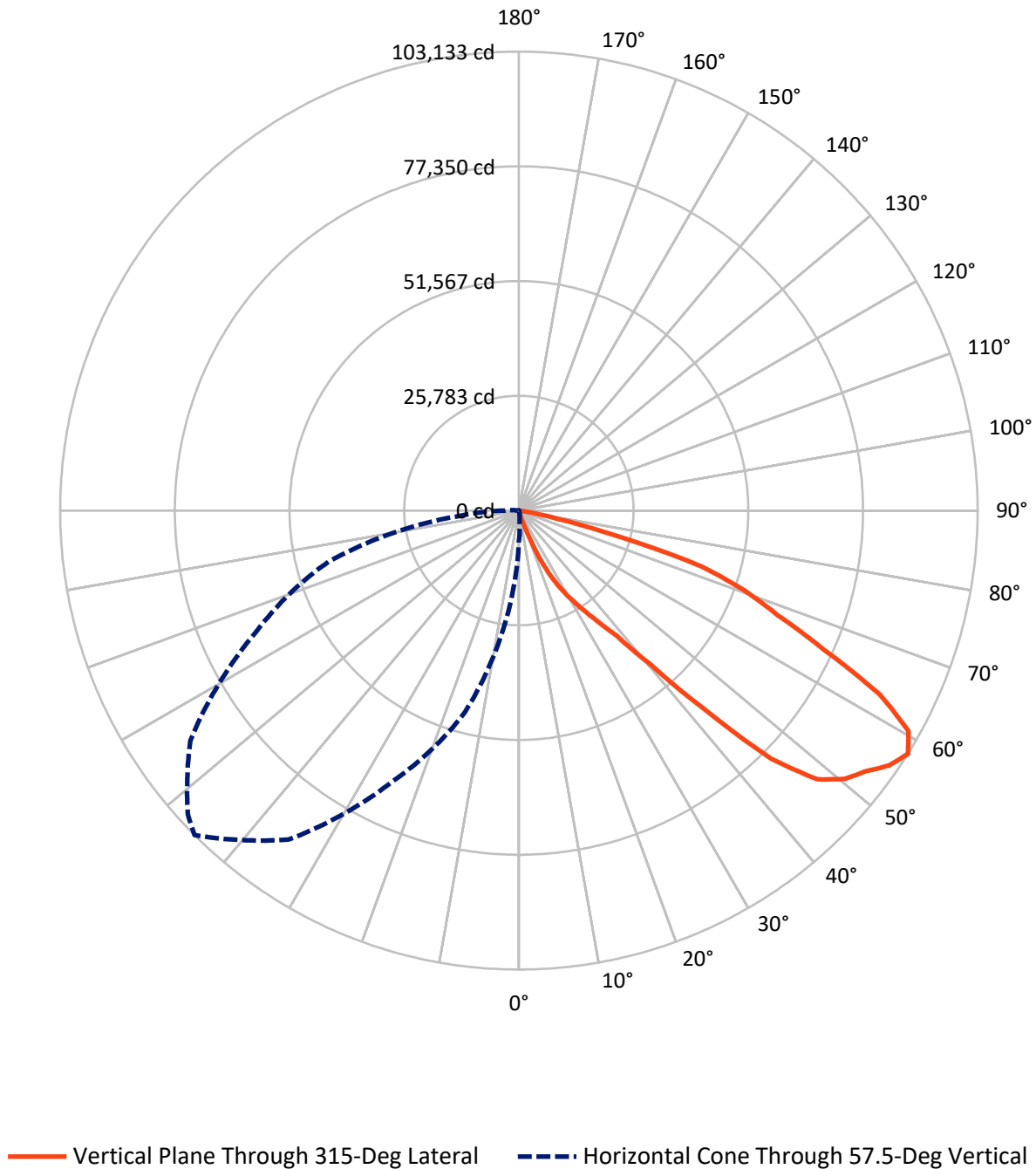


Based on 20 foot mounting height. Maximum calculated value = 5.9 fc

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	201.4	0.0	201.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	40017.6	0.0	40017.6
	% Fixture	99.5	0.0	99.5
Total	Lumens	40219.0	0.0	40219.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.8	0.0
10°-20°	88.4	0.2
20°-30°	953.1	2.4
30°-40°	2818.6	7.0
40°-50°	8400.1	20.9
50°-60°	13319.6	33.1
60°-70°	11118.6	27.6
70°-80°	3428.6	8.5
80°-90°	76.2	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°	40219.0	100.0
0°-180°	40219.0	100.0



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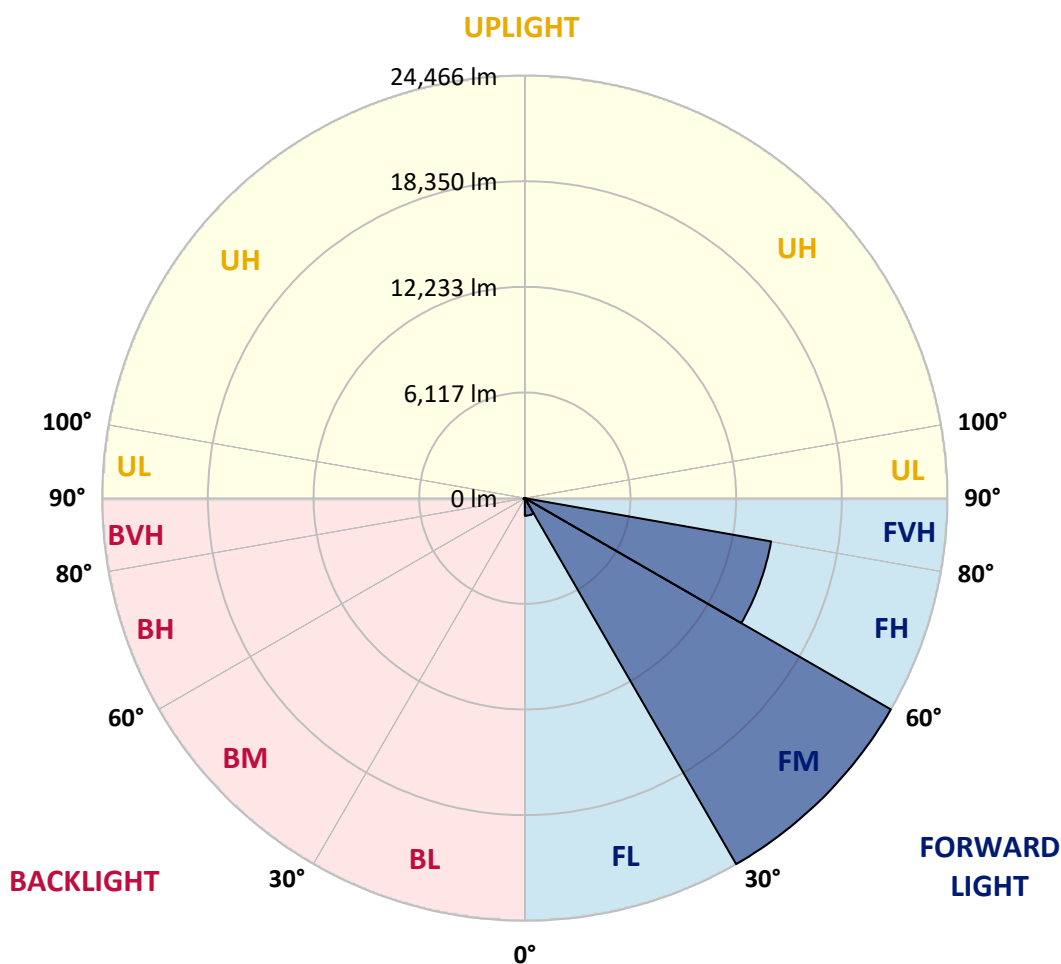
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1020.3	2.5			
FM	(30°-60°)	24466.3	60.8			
FH	(60°-80°)	14472.1	36.0			G5
FVH	(80°-90°)	58.9	0.1			G1/100
BL	(0°-30°)	37.0	0.1	B0/110		
BM	(30°-60°)	72.0	0.2	B0/220		
BH	(60°-80°)	75.1	0.2	B0/110		G0/110
BVH	(80°-90°)	17.3	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G5

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°	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3
2.5°	161.1	161.1	161.1	161.1	158.0	158.0	155.0	155.0	152.0	152.0
5°	170.2	170.2	167.2	164.1	164.1	161.1	158.0	155.0	155.0	152.0
7.5°	185.4	182.4	179.3	176.3	170.2	167.2	161.1	158.0	155.0	148.9
10°	203.6	197.6	191.5	185.4	179.3	173.2	167.2	164.1	158.0	155.0
12.5°	227.9	218.8	206.7	197.6	191.5	182.4	176.3	170.2	161.1	155.0
15°	249.2	237.1	221.9	209.7	200.6	188.4	179.3	170.2	164.1	155.0
17.5°	279.6	258.3	234.0	218.8	206.7	191.5	176.3	167.2	158.0	145.9
20°	331.3	288.7	243.1	224.9	206.7	188.4	170.2	158.0	148.9	136.8
22.5°	413.3	340.4	267.5	240.1	215.8	188.4	164.1	152.0	139.8	127.7
25°	571.4	440.7	310.0	273.5	237.1	200.6	164.1	148.9	136.8	121.6
27.5°	759.8	565.3	367.8	316.1	267.5	215.8	164.1	145.9	130.7	112.5
30°	951.3	693.0	431.6	364.7	297.9	231.0	164.1	142.8	124.6	103.3
32.5°	1133.7	811.5	486.3	407.3	328.2	246.2	167.2	142.8	118.5	94.2
35°	1319.1	908.8	495.4	413.3	331.3	246.2	164.1	136.8	112.5	85.1
37.5°	1556.1	1018.2	477.2	395.1	316.1	234.0	155.0	130.7	106.4	79.0
40°	1914.8	1200.5	486.3	401.2	316.1	231.0	145.9	121.6	100.3	76.0
42.5°	2577.3	1553.1	525.8	428.5	331.3	231.0	133.7	112.5	94.2	72.9
45°	4455.6	2580.4	705.1	559.2	413.3	267.5	121.6	103.3	88.1	69.9
47.5°	7370.3	4318.9	1267.4	978.7	693.0	404.2	118.5	103.3	88.1	69.9
50°	9406.7	5501.2	1595.6	1227.9	860.1	492.4	124.6	106.4	91.2	72.9
52.5°	9391.5	5586.3	1778.0	1364.7	954.3	541.0	130.7	112.5	97.3	79.0
55°	8349.0	5081.7	1811.4	1392.0	975.6	556.2	139.8	121.6	103.3	85.1
57.5°	6978.3	4315.8	1653.4	1279.6	908.8	534.9	161.1	139.8	121.6	100.3
60°	5519.4	3404.0	1288.7	1018.2	750.7	480.2	212.8	185.4	161.1	133.7
62.5°	3811.3	2467.9	1124.5	902.7	683.8	462.0	243.1	215.8	191.5	164.1
65°	2695.9	1857.0	1015.1	826.7	641.3	452.9	264.4	234.0	206.7	176.3
67.5°	2015.1	1477.1	936.1	775.0	613.9	452.9	291.8	255.3	221.9	185.4
70°	1544.0	1212.7	878.4	747.7	620.0	489.3	358.6	307.0	258.3	206.7
72.5°	1258.3	1036.4	811.5	717.3	623.1	528.8	434.6	367.8	300.9	231.0
75°	1042.5	887.5	732.5	653.5	577.5	498.4	419.4	358.6	300.9	240.1
77.5°	693.0	632.2	568.4	522.8	477.2	428.5	383.0	331.3	282.7	231.0
80°	243.1	234.0	224.9	243.1	261.4	279.6	297.9	261.4	227.9	191.5
82.5°	36.5	33.4	30.4	33.4	36.5	39.5	42.6	45.6	48.6	51.7
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°	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3
0.0	2.5°	148.9	148.9	145.9	145.9	145.9	142.8	142.8	139.8	139.8	139.8
0.0	5°	145.9	145.9	142.8	139.8	136.8	136.8	133.7	130.7	130.7	127.7
0.0	7.5°	142.8	139.8	136.8	133.7	130.7	127.7	124.6	121.6	121.6	118.5
0.0	10°	145.9	139.8	136.8	130.7	127.7	124.6	118.5	115.5	112.5	112.5
0.0	12.5°	139.8	136.8	130.7	124.6	121.6	115.5	112.5	106.4	103.3	103.3
0.0	15°	139.8	133.7	124.6	118.5	112.5	109.4	103.3	97.3	94.2	91.2
0.0	17.5°	130.7	124.6	115.5	109.4	103.3	97.3	91.2	85.1	82.1	79.0
0.0	20°	118.5	112.5	103.3	94.2	88.1	82.1	76.0	69.9	66.9	63.8
0.0	22.5°	106.4	100.3	91.2	82.1	76.0	69.9	60.8	54.7	51.7	45.6
0.0	25°	100.3	91.2	82.1	72.9	63.8	57.7	48.6	39.5	33.4	27.4
0.0	27.5°	85.1	76.0	66.9	57.7	48.6	39.5	30.4	21.3	15.2	12.2
0.0	30°	72.9	63.8	54.7	45.6	33.4	24.3	15.2	3.0	3.0	3.0
0.0	32.5°	60.8	51.7	39.5	30.4	24.3	15.2	9.1	0.0	0.0	0.0
0.0	35°	48.6	39.5	27.4	18.2	15.2	9.1	6.1	0.0	0.0	0.0
0.0	37.5°	42.6	33.4	21.3	9.1	6.1	6.1	3.0	0.0	0.0	0.0
0.0	40°	39.5	27.4	15.2	3.0	3.0	3.0	0.0	0.0	0.0	0.0
0.0	42.5°	39.5	27.4	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	39.5	27.4	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	39.5	27.4	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	42.6	30.4	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	48.6	36.5	24.3	12.2	9.1	6.1	3.0	0.0	0.0	0.0
0.0	55°	60.8	54.7	45.6	39.5	30.4	21.3	9.1	0.0	0.0	0.0
0.0	57.5°	79.0	79.0	76.0	72.9	54.7	36.5	18.2	0.0	0.0	0.0
0.0	60°	106.4	106.4	106.4	106.4	79.0	54.7	27.4	0.0	0.0	0.0
0.0	62.5°	130.7	124.6	115.5	109.4	82.1	54.7	27.4	0.0	0.0	0.0
0.0	65°	130.7	118.5	103.3	88.1	66.9	45.6	21.3	0.0	0.0	0.0
0.0	67.5°	121.6	97.3	69.9	45.6	33.4	24.3	12.2	0.0	0.0	0.0
	70°	121.6	85.1	48.6	12.2	9.1	6.1	3.0	0.0	0.0	0.0
	72.5°	121.6	82.1	39.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	133.7	91.2	45.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	133.7	91.2	45.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	118.5	79.0	39.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	39.5	27.4	12.2	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):

[illegible]

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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°	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3
0.0	2.5°	136.8	136.8	136.8	133.7	133.7	133.7	133.7	130.7	130.7	130.7
0.0	5°	124.6	124.6	121.6	121.6	118.5	118.5	115.5	115.5	112.5	112.5
0.0	7.5°	115.5	112.5	112.5	109.4	106.4	106.4	103.3	103.3	100.3	97.3
0.0	10°	106.4	103.3	103.3	100.3	97.3	94.2	94.2	91.2	88.1	85.1
0.0	12.5°	97.3	94.2	91.2	88.1	85.1	82.1	82.1	79.0	76.0	72.9
0.0	15°	85.1	82.1	79.0	76.0	72.9	69.9	69.9	66.9	63.8	60.8
0.0	17.5°	72.9	69.9	69.9	66.9	63.8	60.8	57.7	51.7	48.6	45.6
0.0	20°	54.7	51.7	48.6	45.6	42.6	36.5	33.4	27.4	21.3	18.2
0.0	22.5°	36.5	30.4	27.4	21.3	15.2	12.2	9.1	3.0	0.0	0.0
0.0	25°	12.2	9.1	6.1	3.0	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



REPORT NUMBER: P1064515

CATALOG NUMBER: GLAN-SA8C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064515

CATALOG NUMBER: GLAN-SA8C-740-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3
0.0	2.5°	127.7	127.7	127.7	124.6	124.6	124.6	124.6	124.6	124.6	124.6
0.0	5°	109.4	109.4	109.4	106.4	106.4	103.3	103.3	103.3	100.3	100.3
0.0	7.5°	94.2	91.2	91.2	88.1	88.1	85.1	85.1	85.1	82.1	82.1
0.0	10°	79.0	76.0	76.0	72.9	72.9	69.9	69.9	66.9	66.9	63.8
0.0	12.5°	69.9	66.9	63.8	60.8	60.8	57.7	54.7	54.7	51.7	48.6
0.0	15°	54.7	51.7	48.6	45.6	42.6	39.5	36.5	36.5	33.4	30.4
0.0	17.5°	36.5	30.4	27.4	24.3	24.3	21.3	18.2	15.2	12.2	9.1
0.0	20°	9.1	6.1	3.0	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
	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: P1064515

CATALOG NUMBER: GLAN-SA8C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1064515

CATALOG NUMBER: GLAN-SA8C-740-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°	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3
0.0	2.5°	124.6	121.6	121.6	121.6	124.6	124.6	124.6	124.6	124.6	124.6
0.0	5°	100.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
0.0	7.5°	82.1	79.0	79.0	79.0	79.0	76.0	76.0	76.0	76.0	76.0
0.0	10°	63.8	60.8	60.8	60.8	60.8	57.7	57.7	57.7	57.7	57.7
0.0	12.5°	45.6	45.6	42.6	42.6	42.6	39.5	39.5	39.5	39.5	36.5
0.0	15°	27.4	24.3	21.3	21.3	21.3	18.2	18.2	18.2	18.2	15.2
0.0	17.5°	6.1	6.1	3.0	3.0	3.0	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
	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: P1064515

CATALOG NUMBER: GLAN-SA8C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064515

CATALOG NUMBER: GLAN-SA8C-740-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3
0.0	2.5°	127.7	127.7	130.7	130.7	133.7	139.8	142.8	145.9	152.0	158.0
0.0	5°	100.3	103.3	103.3	106.4	109.4	112.5	115.5	118.5	124.6	130.7
0.0	7.5°	79.0	79.0	82.1	82.1	85.1	91.2	94.2	97.3	103.3	112.5
0.0	10°	60.8	60.8	63.8	63.8	66.9	72.9	76.0	79.0	85.1	94.2
0.0	12.5°	39.5	42.6	42.6	45.6	48.6	54.7	57.7	60.8	66.9	72.9
0.0	15°	18.2	21.3	21.3	24.3	27.4	33.4	36.5	39.5	45.6	54.7
0.0	17.5°	3.0	3.0	6.1	6.1	9.1	12.2	15.2	18.2	27.4	33.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	12.2
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
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-SA8C-740-U-RBC

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CATALOG NUMBER: GLAN-SA8C-740-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°	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3
0.0	2.5°	167.2	173.2	179.3	185.4	191.5	197.6	200.6	206.7	209.7	212.8
0.0	5°	142.8	148.9	158.0	164.1	170.2	176.3	182.4	185.4	188.4	191.5
0.0	7.5°	124.6	130.7	139.8	145.9	152.0	158.0	164.1	170.2	173.2	176.3
0.0	10°	106.4	115.5	121.6	130.7	136.8	142.8	148.9	155.0	161.1	164.1
0.0	12.5°	85.1	94.2	103.3	109.4	118.5	127.7	133.7	139.8	145.9	152.0
0.0	15°	66.9	76.0	85.1	91.2	100.3	109.4	118.5	124.6	130.7	136.8
0.0	17.5°	48.6	57.7	66.9	72.9	82.1	91.2	97.3	106.4	112.5	118.5
0.0	20°	24.3	33.4	42.6	51.7	60.8	69.9	76.0	85.1	91.2	97.3
0.0	22.5°	3.0	12.2	21.3	27.4	36.5	45.6	51.7	60.8	66.9	72.9
0.0	25°	0.0	3.0	9.1	12.2	15.2	21.3	27.4	33.4	39.5	45.6
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	3.0	6.1	12.2	18.2	24.3
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1
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	3.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	6.1
	85°	0.0	0.0	0.0	0.0	0.0	6.1	9.1	15.2	18.2	21.3
	87.5°	0.0	3.0	6.1	9.1	12.2	18.2	24.3	30.4	33.4	36.5
	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: P1064515

CATALOG NUMBER: GLAN-SA8C-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
176.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
212.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
194.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.1	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											
3.0											
12.2											
27.4											
39.5											
0.0											
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REPORT NUMBER: P1064515

CATALOG NUMBER: GLAN-SA8C-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3
0.0	2.5°	215.8	215.8	215.8	215.8	212.8	212.8	212.8	209.7	209.7	206.7
0.0	5°	197.6	200.6	200.6	200.6	200.6	200.6	200.6	200.6	197.6	197.6
0.0	7.5°	182.4	185.4	188.4	188.4	191.5	191.5	191.5	188.4	188.4	185.4
0.0	10°	173.2	176.3	176.3	179.3	179.3	179.3	179.3	179.3	179.3	179.3
0.0	12.5°	161.1	164.1	167.2	167.2	170.2	170.2	170.2	170.2	167.2	167.2
0.0	15°	145.9	152.0	155.0	158.0	158.0	161.1	161.1	161.1	161.1	161.1
0.0	17.5°	133.7	139.8	142.8	145.9	145.9	148.9	148.9	152.0	152.0	152.0
0.0	20°	109.4	115.5	118.5	124.6	127.7	130.7	133.7	136.8	136.8	139.8
0.0	22.5°	85.1	91.2	94.2	100.3	103.3	106.4	109.4	112.5	115.5	118.5
0.0	25°	60.8	66.9	69.9	76.0	79.0	82.1	85.1	88.1	88.1	91.2
0.0	27.5°	33.4	39.5	45.6	48.6	54.7	57.7	60.8	63.8	66.9	69.9
0.0	30°	15.2	18.2	21.3	27.4	30.4	33.4	36.5	42.6	45.6	48.6
0.0	32.5°	0.0	0.0	3.0	9.1	12.2	15.2	18.2	21.3	21.3	24.3
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.1	9.1	12.2
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°	6.1	6.1	6.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
	82.5°	15.2	18.2	21.3	21.3	24.3	24.3	24.3	24.3	21.3	21.3
	85°	30.4	33.4	36.5	36.5	39.5	39.5	39.5	39.5	39.5	39.5
	87.5°	42.6	45.6	48.6	48.6	51.7	51.7	51.7	51.7	51.7	51.7
	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: P1064515

CATALOG NUMBER: GLAN-SA8C-740-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
176.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	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											
9.1											
21.3											
39.5											
51.7											
0.0											
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REPORT NUMBER: P1064515

CATALOG NUMBER: GLAN-SA8C-740-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°	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3
0.0	2.5°	203.6	203.6	200.6	200.6	200.6	200.6	200.6	203.6	206.7	206.7
0.0	5°	194.5	194.5	191.5	191.5	191.5	194.5	194.5	197.6	200.6	203.6
0.0	7.5°	185.4	182.4	182.4	185.4	185.4	188.4	188.4	191.5	194.5	197.6
0.0	10°	179.3	176.3	176.3	176.3	179.3	179.3	182.4	185.4	188.4	191.5
0.0	12.5°	167.2	167.2	167.2	167.2	170.2	170.2	173.2	176.3	182.4	185.4
0.0	15°	161.1	158.0	158.0	158.0	158.0	161.1	161.1	167.2	173.2	176.3
0.0	17.5°	148.9	148.9	145.9	145.9	148.9	148.9	152.0	158.0	164.1	167.2
0.0	20°	136.8	133.7	130.7	130.7	133.7	133.7	136.8	142.8	148.9	152.0
0.0	22.5°	118.5	115.5	115.5	115.5	115.5	118.5	118.5	124.6	133.7	139.8
0.0	25°	94.2	97.3	97.3	100.3	100.3	103.3	106.4	112.5	121.6	127.7
0.0	27.5°	72.9	76.0	76.0	82.1	85.1	88.1	91.2	100.3	109.4	115.5
0.0	30°	54.7	57.7	60.8	63.8	69.9	76.0	82.1	91.2	100.3	106.4
0.0	32.5°	33.4	39.5	42.6	48.6	54.7	60.8	66.9	76.0	88.1	97.3
0.0	35°	24.3	27.4	33.4	36.5	42.6	48.6	54.7	66.9	76.0	88.1
0.0	37.5°	12.2	18.2	24.3	30.4	36.5	42.6	48.6	60.8	72.9	82.1
0.0	40°	9.1	15.2	18.2	24.3	33.4	39.5	45.6	57.7	69.9	82.1
0.0	42.5°	6.1	9.1	12.2	21.3	27.4	36.5	45.6	57.7	69.9	82.1
0.0	45°	6.1	6.1	9.1	18.2	27.4	39.5	48.6	60.8	69.9	82.1
0.0	47.5°	6.1	9.1	12.2	24.3	30.4	39.5	48.6	57.7	69.9	79.0
0.0	50°	9.1	12.2	15.2	27.4	33.4	42.6	48.6	60.8	69.9	82.1
0.0	52.5°	6.1	9.1	12.2	24.3	33.4	45.6	54.7	66.9	79.0	88.1
0.0	55°	3.0	3.0	3.0	18.2	36.5	51.7	69.9	79.0	91.2	100.3
0.0	57.5°	0.0	0.0	0.0	12.2	36.5	57.7	79.0	91.2	103.3	112.5
0.0	60°	0.0	0.0	0.0	12.2	36.5	57.7	79.0	94.2	109.4	124.6
0.0	62.5°	0.0	0.0	0.0	12.2	30.4	48.6	66.9	91.2	118.5	142.8
0.0	65°	0.0	0.0	0.0	9.1	24.3	39.5	54.7	91.2	127.7	161.1
0.0	67.5°	0.0	0.0	0.0	9.1	24.3	36.5	51.7	91.2	127.7	167.2
	70°	0.0	0.0	0.0	9.1	24.3	39.5	54.7	91.2	127.7	164.1
	72.5°	0.0	0.0	0.0	9.1	27.4	42.6	60.8	91.2	121.6	152.0
	75°	0.0	0.0	0.0	12.2	27.4	45.6	63.8	91.2	118.5	142.8
	77.5°	0.0	0.0	0.0	9.1	27.4	42.6	60.8	88.1	115.5	139.8
	80°	9.1	6.1	6.1	15.2	27.4	39.5	51.7	79.0	109.4	136.8
	82.5°	18.2	18.2	15.2	21.3	27.4	36.5	45.6	69.9	97.3	121.6
	85°	36.5	36.5	33.4	36.5	36.5	39.5	42.6	54.7	66.9	79.0
	87.5°	48.6	48.6	45.6	45.6	45.6	42.6	42.6	42.6	42.6	39.5
	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: P1064515

CATALOG NUMBER: GLAN-SA8C-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
176.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
209.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
194.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
188.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
203.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200.6											
182.4											
170.2											
167.2											
164.1											
145.9											
91.2											
39.5											
0.0											
0.0											
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REPORT NUMBER: P1064515

CATALOG NUMBER: GLAN-SA8C-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3
0.0	2.5°	212.8	215.8	215.8	218.8	221.9	224.9	224.9	227.9	227.9	227.9
0.0	5°	209.7	215.8	218.8	221.9	224.9	227.9	231.0	234.0	237.1	237.1
0.0	7.5°	206.7	209.7	215.8	218.8	224.9	227.9	234.0	237.1	240.1	243.1
0.0	10°	200.6	206.7	212.8	218.8	224.9	231.0	237.1	243.1	249.2	252.3
0.0	12.5°	194.5	203.6	209.7	215.8	224.9	234.0	240.1	249.2	255.3	261.4
0.0	15°	191.5	197.6	206.7	212.8	224.9	237.1	246.2	258.3	270.5	279.6
0.0	17.5°	182.4	194.5	203.6	212.8	224.9	240.1	252.3	264.4	282.7	300.9
0.0	20°	170.2	179.3	191.5	200.6	218.8	234.0	252.3	267.5	294.8	322.2
0.0	22.5°	158.0	170.2	179.3	191.5	212.8	231.0	252.3	270.5	316.1	358.6
0.0	25°	145.9	161.1	173.2	185.4	209.7	234.0	258.3	282.7	358.6	434.6
0.0	27.5°	139.8	152.0	167.2	179.3	209.7	243.1	273.5	303.9	425.5	544.0
0.0	30°	130.7	145.9	158.0	173.2	212.8	252.3	291.8	331.3	516.7	702.1
0.0	32.5°	121.6	136.8	152.0	167.2	218.8	270.5	319.1	370.8	613.9	854.0
0.0	35°	112.5	130.7	145.9	161.1	227.9	297.9	364.7	431.6	702.1	969.5
0.0	37.5°	109.4	127.7	142.8	158.0	231.0	300.9	373.8	443.7	711.2	978.7
0.0	40°	112.5	127.7	145.9	161.1	221.9	282.7	340.4	401.2	680.8	957.4
0.0	42.5°	112.5	130.7	148.9	167.2	215.8	264.4	313.0	361.7	671.7	981.7
0.0	45°	109.4	127.7	145.9	164.1	209.7	252.3	297.9	340.4	726.4	1109.3
0.0	47.5°	106.4	124.6	142.8	161.1	206.7	252.3	297.9	343.4	939.1	1531.8
0.0	50°	106.4	124.6	139.8	155.0	209.7	267.5	322.2	376.9	1367.7	2355.5
0.0	52.5°	112.5	127.7	139.8	152.0	215.8	282.7	346.5	410.3	1738.5	3063.6
0.0	55°	121.6	130.7	142.8	152.0	231.0	307.0	386.0	462.0	1850.9	3239.9
0.0	57.5°	133.7	142.8	152.0	161.1	258.3	355.6	449.8	547.1	1860.1	3170.0
0.0	60°	148.9	161.1	170.2	179.3	282.7	389.0	492.4	595.7	1683.8	2768.8
0.0	62.5°	182.4	197.6	209.7	224.9	325.2	422.5	522.8	620.0	1398.1	2176.1
0.0	65°	209.7	221.9	234.0	246.2	343.4	443.7	541.0	638.3	1185.3	1732.4
0.0	67.5°	215.8	227.9	237.1	249.2	349.5	449.8	547.1	647.4	1015.1	1379.8
	70°	218.8	234.0	252.3	267.5	370.8	474.1	574.4	677.8	899.6	1121.5
	72.5°	209.7	240.1	267.5	294.8	392.1	486.3	583.5	677.8	835.8	993.9
	75°	209.7	252.3	291.8	331.3	404.2	474.1	547.1	617.0	738.6	860.1
	77.5°	221.9	276.6	331.3	386.0	428.5	468.1	510.6	550.1	629.1	708.2
	80°	221.9	279.6	334.3	392.1	410.3	431.6	449.8	468.1	477.2	486.3
	82.5°	191.5	237.1	282.7	328.2	307.0	285.7	264.4	243.1	227.9	209.7
	85°	97.3	106.4	112.5	118.5	109.4	100.3	91.2	82.1	76.0	66.9
	87.5°	39.5	39.5	36.5	36.5	36.5	36.5	33.4	33.4	33.4	33.4
	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: P1064515

CATALOG NUMBER: GLAN-SA8C-740-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
176.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
227.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
237.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
246.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
258.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
294.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
373.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
477.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
647.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
899.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1218.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1522.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1729.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1884.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2039.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2343.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2951.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4498.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6890.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8674.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8871.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8005.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6844.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5349.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4042.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2984.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2112.3											
1571.3											
1142.8											
860.1											
483.3											
218.8											
63.8											
30.4											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1064515

CATALOG NUMBER: GLAN-SA8C-740-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°	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3
0.0	2.5°	227.9	224.9	224.9	221.9	218.8	215.8	212.8	209.7	206.7	203.6
0.0	5°	237.1	237.1	237.1	234.0	234.0	231.0	231.0	227.9	224.9	221.9
0.0	7.5°	246.2	249.2	249.2	252.3	252.3	252.3	252.3	249.2	249.2	249.2
0.0	10°	261.4	264.4	267.5	270.5	273.5	276.6	276.6	279.6	279.6	279.6
0.0	12.5°	279.6	288.7	294.8	303.9	310.0	319.1	325.2	334.3	340.4	346.5
0.0	15°	307.0	322.2	340.4	355.6	370.8	392.1	416.4	437.7	458.9	492.4
0.0	17.5°	346.5	395.1	443.7	489.3	538.0	644.3	750.7	854.0	960.4	1115.4
0.0	20°	422.5	568.4	711.2	857.1	999.9	1373.8	1744.6	2118.4	2489.2	2887.3
0.0	22.5°	592.7	951.3	1309.9	1668.6	2027.2	2808.3	3586.4	4367.5	5145.6	6060.4
0.0	25°	860.1	1519.7	2179.2	2835.7	3495.2	4717.0	5941.9	7163.7	8385.5	9573.8
0.0	27.5°	1252.2	2261.2	3270.3	4276.3	5285.4	6941.8	8601.3	10257.7	11914.1	13257.5
0.0	30°	1735.4	3103.1	4470.8	5838.5	7206.2	9090.6	10975.0	12856.3	14740.7	16208.7
0.0	32.5°	2191.3	3866.0	5540.7	7212.3	8887.0	11032.7	13181.5	15327.3	17473.0	19077.8
0.0	35°	2489.2	4513.4	6540.6	8564.8	10589.0	12911.0	15233.0	17552.0	19874.1	21706.8
0.0	37.5°	2787.1	5124.3	7458.5	9795.7	12129.9	14679.9	17229.9	19779.8	22329.8	24594.1
0.0	40°	3121.4	5862.8	8601.3	11342.7	14081.1	17102.2	20120.3	23141.3	26159.4	29353.7
0.0	42.5°	3701.9	7087.7	10476.5	13862.3	17248.1	21244.8	25241.5	29235.2	33231.8	37790.8
0.0	45°	4793.0	9564.7	14339.5	19111.2	23882.9	29177.4	34474.9	39769.4	45063.9	51130.4
0.0	47.5°	7464.6	14029.5	20591.3	27156.3	33718.1	39435.1	45149.0	50865.9	56579.9	62622.0
0.0	50°	11421.7	19062.6	26703.4	34341.2	41982.0	47154.9	52324.8	57497.7	62667.6	68414.9
0.0	52.5°	14284.8	22244.7	30207.7	38167.7	46127.7	50796.0	55467.5	60135.8	64804.2	70174.7
0.0	55°	14500.6	22414.9	30332.3	38246.7	46161.1	50850.7	55540.4	60230.1	64919.7	70612.4
0.0	57.5°	12838.1	20688.6	28536.1	36386.7	44234.2	49574.2	54911.3	60251.3	65588.4	71743.0
0.0	60°	10920.3	18773.8	26624.4	34478.0	42328.5	48480.1	54634.7	60786.3	66937.8	72703.4
0.0	62.5°	8519.2	16597.7	24679.2	32757.7	40836.2	47082.0	53327.8	59570.5	65816.3	70141.3
0.0	65°	6349.1	14193.6	22038.1	29879.5	37724.0	42726.7	47729.4	52729.0	57731.8	60409.4
0.0	67.5°	4589.4	11354.9	18117.3	24882.9	31645.3	35225.6	38805.9	42383.2	45963.5	48012.0
	70°	3103.1	7789.8	12473.3	17160.0	21843.5	24785.6	27730.7	30672.7	33614.8	36380.6
	72.5°	2148.8	4780.8	7415.9	10048.0	12680.0	15640.3	18597.6	21557.8	24515.1	27442.0
	75°	1425.4	2622.9	3823.5	5020.9	6218.4	8409.8	10604.2	12795.5	14986.9	16731.4
	77.5°	1012.1	1370.7	1732.4	2091.0	2449.7	2860.0	3273.3	3683.6	4094.0	4717.0
	80°	480.2	525.8	571.4	613.9	659.5	808.5	957.4	1106.3	1255.2	1413.3
	82.5°	227.9	246.2	264.4	279.6	297.9	313.0	328.2	343.4	358.6	343.4
	85°	60.8	60.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	60.8
	87.5°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	24.3	24.3	21.3
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
176.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
218.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
246.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
282.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
349.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
528.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1267.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3288.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6975.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10762.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14600.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17679.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20685.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23539.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26861.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32548.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42349.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57196.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68664.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74162.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75545.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76308.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77897.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78465.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74469.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63090.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50063.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39143.3											
30368.8											
18476.0											
5340.1											
1571.3											
325.2											
57.7											
21.3											
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°	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3
0.0	2.5°	197.6	194.5	191.5	188.4	185.4	179.3	179.3	176.3	176.3
0.0	5°	215.8	212.8	209.7	206.7	206.7	203.6	200.6	200.6	197.6
0.0	7.5°	246.2	243.1	240.1	237.1	237.1	234.0	234.0	231.0	231.0
0.0	10°	282.7	282.7	282.7	282.7	282.7	279.6	279.6	279.6	276.6
0.0	12.5°	355.6	358.6	364.7	370.8	379.9	379.9	379.9	376.9	376.9
0.0	15°	562.3	595.7	620.0	644.3	665.6	714.2	708.2	699.0	693.0
0.0	17.5°	1422.4	1574.4	1656.4	1735.4	1817.5	2042.4	2005.9	1969.5	1936.0
0.0	20°	3686.7	4084.8	4349.3	4613.7	4881.1	5303.6	5200.3	5096.9	4993.6
0.0	22.5°	7887.0	8801.9	9200.0	9598.2	9993.3	10503.9	10172.6	9841.3	9513.0
0.0	25°	11947.5	13135.9	13807.6	14479.3	15147.9	15439.7	15008.1	14573.5	14141.9
0.0	27.5°	15944.2	17287.6	17880.3	18469.9	19062.6	19673.5	19138.6	18600.6	18065.7
0.0	30°	19147.7	20615.7	21257.0	21895.2	22536.5	22962.0	22408.9	21852.7	21299.5
0.0	32.5°	22290.3	23895.1	24597.2	25299.2	25998.3	26609.2	25928.4	25244.5	24563.7
0.0	35°	25369.1	27201.9	28168.4	29134.9	30101.4	30669.7	29861.3	29049.8	28241.3
0.0	37.5°	29125.7	31390.0	32472.0	33554.0	34636.0	35672.4	34781.9	33888.3	32997.8
0.0	40°	35742.3	38936.6	40596.1	42258.6	43918.1	45255.4	44130.8	43006.3	41881.7
0.0	42.5°	46908.8	51467.7	53853.6	56236.4	58622.3	60710.3	59528.0	58345.7	57163.4
0.0	45°	63263.3	69329.8	72238.4	75144.0	78052.6	79578.3	77876.3	76171.3	74469.2
0.0	47.5°	74703.3	80745.4	83334.9	85924.4	88513.9	90255.4	88173.5	86091.6	84012.7
0.0	50°	79906.6	85653.9	88252.5	90848.1	93446.7	94829.6	92425.5	90018.4	87614.3
0.0	52.5°	80912.6	86283.1	89383.2	92486.3	95586.4	97434.3	94595.6	91753.8	88915.1
0.0	55°	82000.7	87693.3	91288.8	94887.4	98482.9	101042.0	97832.4	94619.9	91410.4
0.0	57.5°	84049.2	90203.8	93790.2	97373.5	100959.9	103133.0	99914.4	96692.7	93474.1
0.0	60°	84231.5	89994.1	93075.9	96160.8	99242.7	100610.4	97531.6	94449.7	91370.9
0.0	62.5°	78794.2	83119.1	85258.8	87398.5	89538.2	91024.4	87811.8	84596.2	81383.7
0.0	65°	65767.7	68445.3	70150.4	71855.4	73560.5	75332.4	72390.4	69448.3	66506.2
0.0	67.5°	52112.1	54160.6	56406.6	58652.7	60898.7	62792.2	60436.7	58078.2	55722.8
	70°	41909.1	44671.8	47197.5	49723.2	52248.8	53798.9	51434.3	49066.7	46702.1
	72.5°	33295.7	36222.5	38331.8	40438.1	42547.3	42927.3	41188.8	39450.3	37714.8
	75°	20217.5	21962.1	22004.6	22044.1	22086.7	22448.4	21007.7	19567.1	18129.5
	77.5°	5963.1	6586.2	7099.8	7610.4	8124.1	8744.1	8215.3	7683.4	7154.5
	80°	1726.3	1884.4	2018.1	2148.8	2282.5	2203.5	2078.9	1954.3	1829.7
	82.5°	310.0	291.8	288.7	285.7	285.7	270.5	246.2	221.9	197.6
	85°	54.7	51.7	48.6	45.6	42.6	39.5	33.4	30.4	24.3
	87.5°	18.2	15.2	12.2	9.1	9.1	3.0	3.0	3.0	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):

[illegible]

REPORT NUMBER: P1064515

CATALOG NUMBER: GLAN-SA8C-740-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°	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3	176.3
0.0	0.0	2.5°	173.2	170.2	170.2	170.2	170.2	167.2	167.2	167.2	167.2
0.0	0.0	5°	191.5	191.5	188.4	188.4	185.4	185.4	182.4	182.4	179.3
0.0	0.0	7.5°	224.9	221.9	218.8	215.8	212.8	206.7	203.6	200.6	200.6
0.0	0.0	10°	270.5	264.4	261.4	255.3	252.3	246.2	240.1	234.0	227.9
0.0	0.0	12.5°	355.6	343.4	334.3	322.2	310.0	300.9	288.7	279.6	267.5
0.0	0.0	15°	617.0	586.6	553.2	513.6	471.1	431.6	389.0	364.7	337.4
0.0	0.0	17.5°	1577.4	1419.4	1258.3	1127.6	996.9	869.2	738.6	644.3	550.1
0.0	0.0	20°	4014.9	3577.3	3139.6	2708.0	2273.4	1841.8	1407.2	1188.4	969.5
0.0	0.0	22.5°	7555.7	6744.2	5929.7	5142.5	4352.3	3565.1	2777.9	2282.5	1790.2
0.0	0.0	25°	11661.8	10640.6	9619.4	8324.7	7026.9	5732.1	4437.4	3632.0	2826.6
0.0	0.0	27.5°	15175.3	13999.1	12822.9	11248.5	9674.1	8099.8	6525.4	5324.9	4127.4
0.0	0.0	30°	18217.6	16953.3	15688.9	13856.2	12023.5	10190.8	8358.1	6856.7	5355.3
0.0	0.0	32.5°	20855.8	19342.2	17828.6	15938.2	14047.7	12157.3	10266.8	8425.0	6583.2
0.0	0.0	35°	23898.1	22132.3	20363.4	18266.3	16166.1	14069.0	11971.9	9893.0	7811.0
0.0	0.0	37.5°	27764.1	25597.1	23427.0	21089.8	18752.6	16418.4	14081.1	11704.4	9327.7
0.0	0.0	40°	35164.9	32368.7	29572.5	26603.1	23630.7	20661.3	17691.8	14774.1	11856.4
0.0	0.0	42.5°	48425.4	44647.5	40869.6	36918.5	32964.4	29013.3	25059.1	20943.9	16825.6
0.0	0.0	45°	63391.0	58704.3	54014.7	49580.3	45142.9	40708.6	36274.2	30627.2	24980.1
0.0	0.0	47.5°	71806.8	66746.4	61685.9	57488.6	53291.3	49094.0	44896.7	38809.0	32721.2
0.0	0.0	50°	74903.9	69752.2	64600.6	60737.6	56871.6	53008.7	49142.7	43045.8	36945.9
0.0	0.0	52.5°	75563.4	70308.4	65053.5	61166.2	57278.9	53394.7	49507.4	43450.0	37392.7
0.0	0.0	55°	76918.9	71281.0	65640.0	61208.7	56777.4	52346.1	47914.8	41760.2	35605.6
0.0	0.0	57.5°	78690.9	72910.1	67129.3	62081.0	57032.7	51987.5	46939.2	40210.1	33481.1
0.0	0.0	60°	78225.8	73195.8	68162.7	62755.7	57345.8	51938.8	46528.8	39128.1	31724.3
0.0	0.0	62.5°	70153.4	66147.6	62138.8	57692.2	53242.7	48796.2	44349.7	36730.1	29110.5
0.0	0.0	65°	57713.5	54789.7	51865.9	48288.6	44708.3	41131.0	37553.8	30721.4	23892.0
0.0	0.0	67.5°	46775.0	43480.4	40182.8	37331.9	34478.0	31627.1	28773.2	23396.6	18020.1
		70°	37161.7	33578.3	29991.9	27207.9	24420.9	21636.9	18852.9	15278.6	11707.4
		72.5°	29511.7	26280.9	23050.2	20080.7	17108.3	14138.9	11166.4	9054.1	6941.8
		75°	14105.5	12813.7	11522.0	9968.9	8415.9	6862.8	5309.7	4388.8	3470.9
		77.5°	5227.6	4531.6	3832.6	3200.4	2568.2	1939.1	1306.9	1197.5	1088.1
		80°	1352.5	1179.3	1003.0	878.4	750.7	626.1	501.5	452.9	407.3
		82.5°	155.0	142.8	133.7	127.7	118.5	112.5	103.3	94.2	85.1
		85°	9.1	6.1	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):

[illegible]

REPORT NUMBER: P1064515

CATALOG NUMBER: GLAN-SA8C-740-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	176.3	176.3
0.0	0.0	2.5°	164.1	161.1
0.0	0.0	5°	173.2	170.2
0.0	0.0	7.5°	191.5	185.4
0.0	0.0	10°	209.7	203.6
0.0	0.0	12.5°	237.1	227.9
0.0	0.0	15°	267.5	249.2
0.0	0.0	17.5°	319.1	279.6
0.0	0.0	20°	431.6	331.3
0.0	0.0	22.5°	607.9	413.3
0.0	0.0	25°	893.6	571.4
0.0	0.0	27.5°	1243.1	759.8
0.0	0.0	30°	1653.4	951.3
0.0	0.0	32.5°	2015.1	1133.7
0.0	0.0	35°	2486.2	1319.1
0.0	0.0	37.5°	3066.7	1556.1
0.0	0.0	40°	3966.3	1914.8
0.0	0.0	42.5°	5586.3	2577.3
0.0	0.0	45°	9072.3	4455.6
0.0	0.0	47.5°	13959.6	7370.3
0.0	0.0	50°	17077.9	9406.7
0.0	0.0	52.5°	17333.2	9391.5
0.0	0.0	55°	15822.7	8349.0
0.0	0.0	57.5°	13500.6	6978.3
0.0	0.0	60°	11221.1	5519.4
0.0	0.0	62.5°	8841.4	3811.3
0.0	0.0	65°	6461.6	2695.9
0.0	0.0	67.5°	4641.0	2015.1
		70°	3051.5	1544.0
		72.5°	1987.7	1258.3
		75°	1337.3	1042.5
		77.5°	781.1	693.0
		80°	276.6	243.1
		82.5°	51.7	36.5
		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: P1064515

CATALOG NUMBER: GLAN-SA8C-740-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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

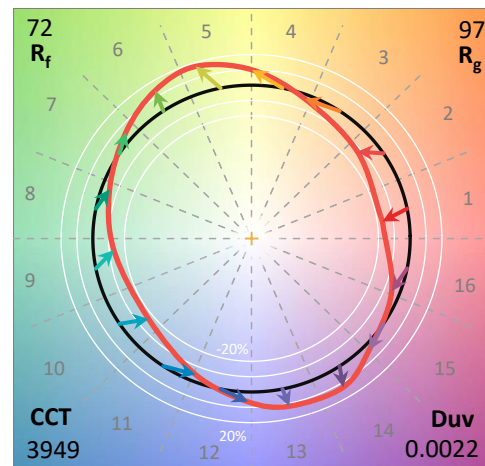
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

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: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

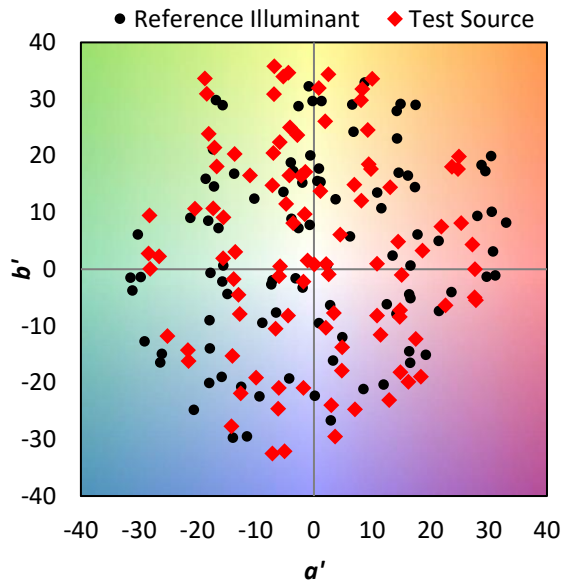
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 $CIE R_a = 70.7$
 $R_g = -36.7$



Color Vector Graphics

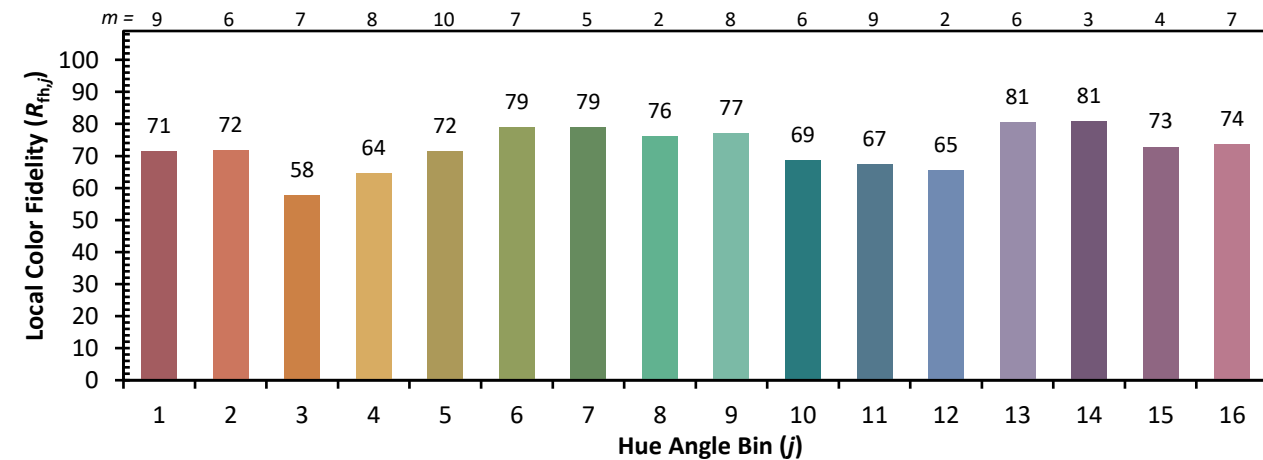
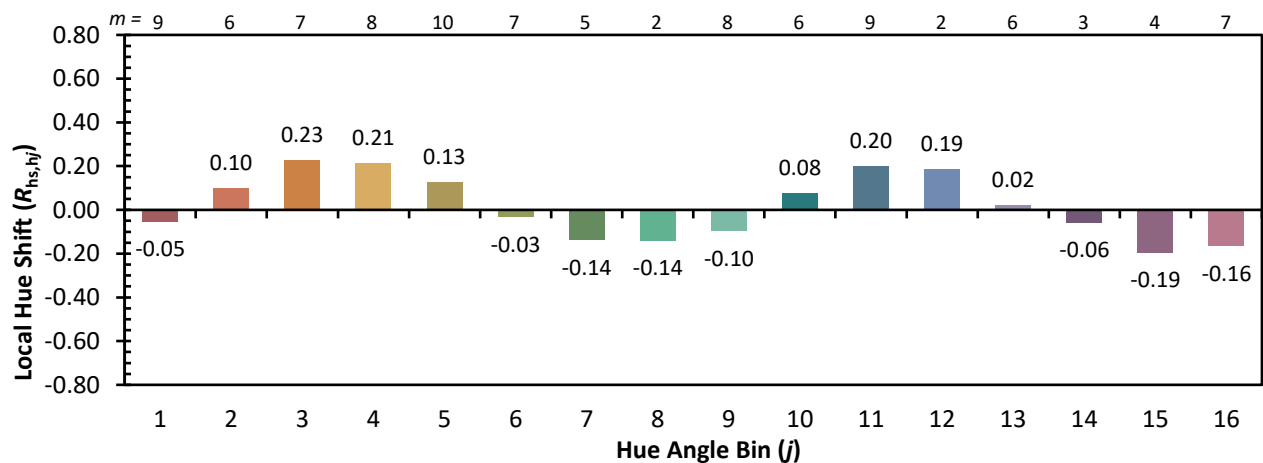


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)