

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



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1049445

Luminaire Tested: **GALN-SA6A-950-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049445
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6A-950-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
90CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (84) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15374.4 lumens
Efficiency: N/A
Efficacy: 94.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 162.9
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

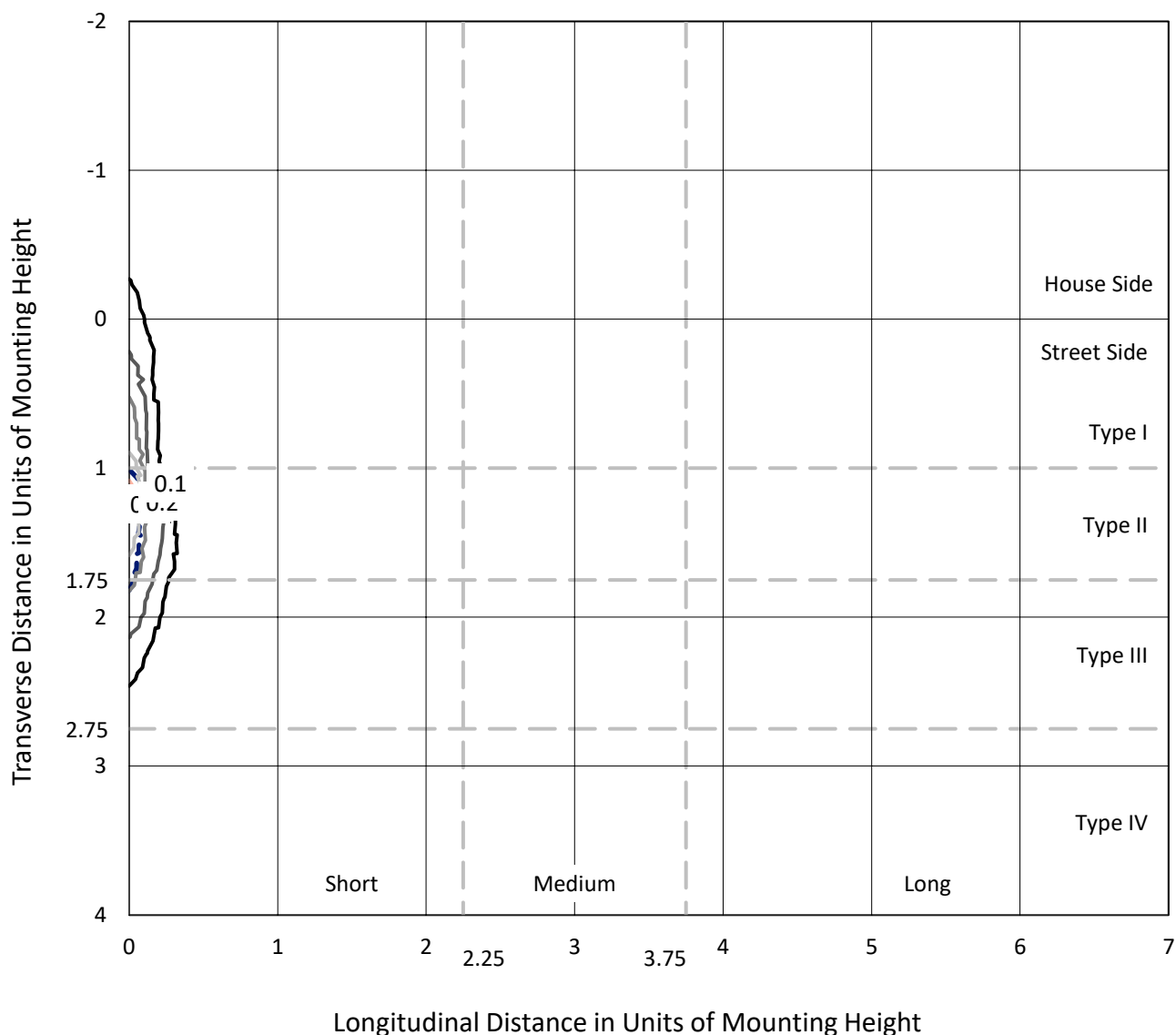
REPORT NUMBER: P1049445

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

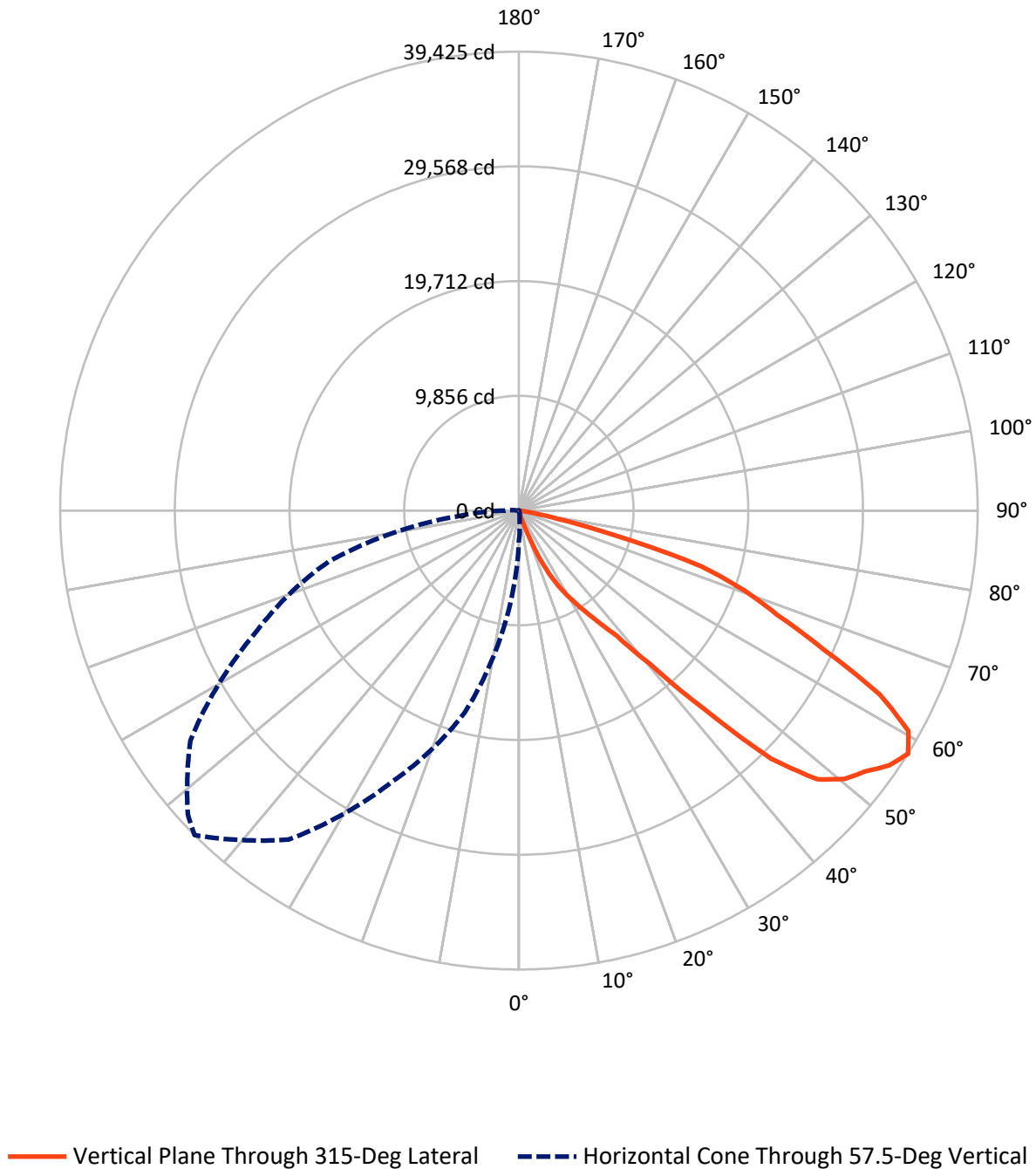


Based on 20 foot mounting height. Maximum calculated value = 2.3 fc

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	77.0	0.0	77.0
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	15297.4	0.0	15297.4
	% Fixture	99.5	0.0	99.5
Total	Lumens	15374.4	0.0	15374.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.0	0.0
10°-20°	33.8	0.2
20°-30°	364.4	2.4
30°-40°	1077.5	7.0
40°-50°	3211.1	20.9
50°-60°	5091.6	33.1
60°-70°	4250.3	27.6
70°-80°	1310.6	8.5
80°-90°	29.1	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°	15374.4	100.0
0°-180°	15374.4	100.0



REPORT NUMBER: P1049445

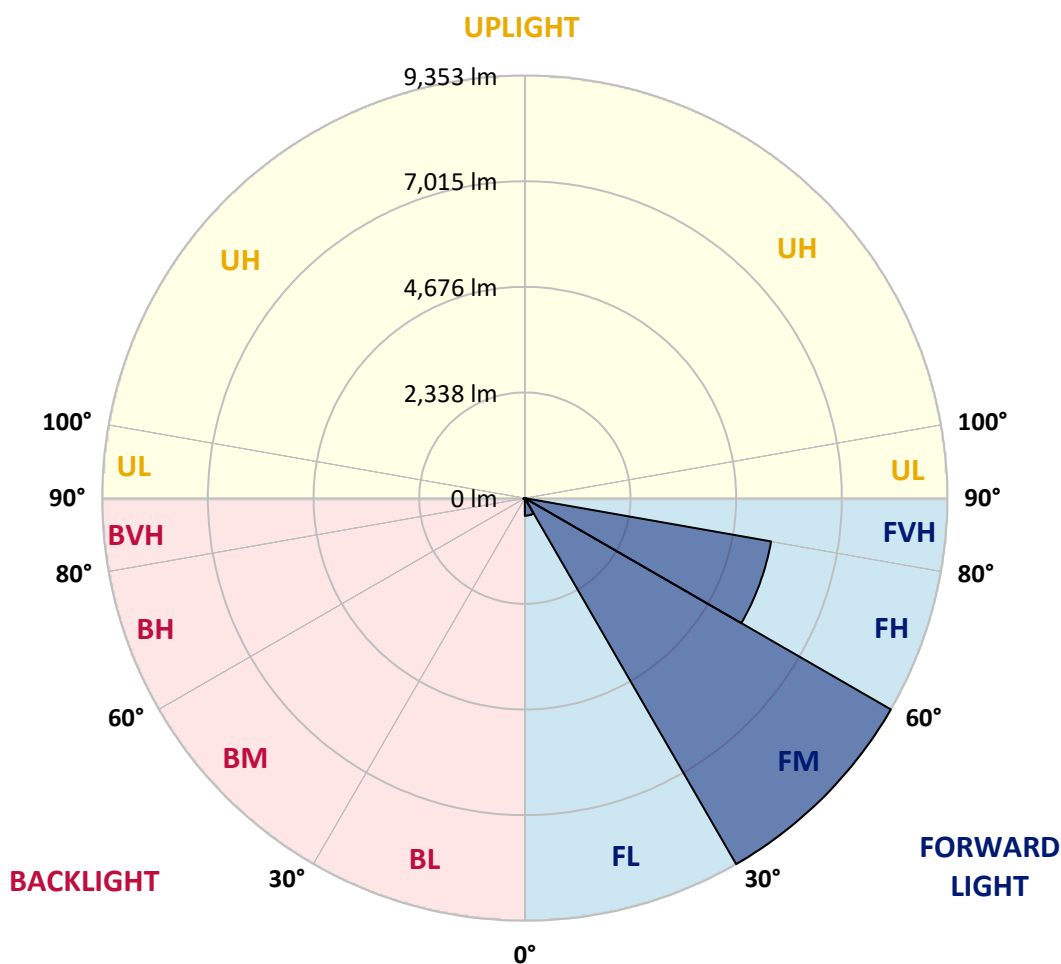
CATALOG NUMBER: GALN-SA6A-950-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	390.0	2.5			
FM	(30°-60°)	9352.7	60.8			
FH	(60°-80°)	5532.2	36.0			G3/7500
FVH	(80°-90°)	22.5	0.1			G1/100
BL	(0°-30°)	14.1	0.1	B0/110		
BM	(30°-60°)	27.5	0.2	B0/220		
BH	(60°-80°)	28.7	0.2	B0/110		G0/110
BVH	(80°-90°)	6.6	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°	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
2.5°	61.6	61.6	61.6	61.6	60.4	60.4	59.3	59.3	58.1	58.1
5°	65.1	65.1	63.9	62.7	62.7	61.6	60.4	59.3	59.3	58.1
7.5°	70.9	69.7	68.5	67.4	65.1	63.9	61.6	60.4	59.3	56.9
10°	77.8	75.5	73.2	70.9	68.5	66.2	63.9	62.7	60.4	59.3
12.5°	87.1	83.7	79.0	75.5	73.2	69.7	67.4	65.1	61.6	59.3
15°	95.3	90.6	84.8	80.2	76.7	72.0	68.5	65.1	62.7	59.3
17.5°	106.9	98.8	89.5	83.7	79.0	73.2	67.4	63.9	60.4	55.8
20°	126.6	110.4	92.9	86.0	79.0	72.0	65.1	60.4	56.9	52.3
22.5°	158.0	130.1	102.2	91.8	82.5	72.0	62.7	58.1	53.4	48.8
25°	218.4	168.5	118.5	104.6	90.6	76.7	62.7	56.9	52.3	46.5
27.5°	290.5	216.1	140.6	120.8	102.2	82.5	62.7	55.8	50.0	43.0
30°	363.7	264.9	165.0	139.4	113.9	88.3	62.7	54.6	47.6	39.5
32.5°	433.4	310.2	185.9	155.7	125.5	94.1	63.9	54.6	45.3	36.0
35°	504.2	347.4	189.4	158.0	126.6	94.1	62.7	52.3	43.0	32.5
37.5°	594.9	389.2	182.4	151.0	120.8	89.5	59.3	50.0	40.7	30.2
40°	732.0	458.9	185.9	153.4	120.8	88.3	55.8	46.5	38.3	29.0
42.5°	985.2	593.7	201.0	163.8	126.6	88.3	51.1	43.0	36.0	27.9
45°	1703.2	986.4	269.5	213.8	158.0	102.2	46.5	39.5	33.7	26.7
47.5°	2817.4	1651.0	484.5	374.1	264.9	154.5	45.3	39.5	33.7	26.7
50°	3595.9	2102.9	610.0	469.4	328.8	188.2	47.6	40.7	34.9	27.9
52.5°	3590.1	2135.4	679.7	521.7	364.8	206.8	50.0	43.0	37.2	30.2
55°	3191.6	1942.6	692.5	532.1	372.9	212.6	53.4	46.5	39.5	32.5
57.5°	2667.6	1649.8	632.0	489.1	347.4	204.5	61.6	53.4	46.5	38.3
60°	2109.9	1301.3	492.6	389.2	287.0	183.6	81.3	70.9	61.6	51.1
62.5°	1456.9	943.4	429.9	345.1	261.4	176.6	92.9	82.5	73.2	62.7
65°	1030.5	709.9	388.1	316.0	245.1	173.1	101.1	89.5	79.0	67.4
67.5°	770.3	564.7	357.8	296.3	234.7	173.1	111.5	97.6	84.8	70.9
70°	590.2	463.6	335.8	285.8	237.0	187.1	137.1	117.3	98.8	79.0
72.5°	481.0	396.2	310.2	274.2	238.2	202.2	166.1	140.6	115.0	88.3
75°	398.5	339.3	280.0	249.8	220.7	190.5	160.3	137.1	115.0	91.8
77.5°	264.9	241.7	217.3	199.8	182.4	163.8	146.4	126.6	108.1	88.3
80°	92.9	89.5	86.0	92.9	99.9	106.9	113.9	99.9	87.1	73.2
82.5°	13.9	12.8	11.6	12.8	13.9	15.1	16.3	17.4	18.6	19.8
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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CATALOG NUMBER: GALN-SA6A-950-U-RBC

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°	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
0.0	2.5°	56.9	56.9	55.8	55.8	55.8	54.6	54.6	53.4	53.4	53.4
0.0	5°	55.8	55.8	54.6	53.4	52.3	52.3	51.1	50.0	50.0	48.8
0.0	7.5°	54.6	53.4	52.3	51.1	50.0	48.8	47.6	46.5	46.5	45.3
0.0	10°	55.8	53.4	52.3	50.0	48.8	47.6	45.3	44.1	43.0	43.0
0.0	12.5°	53.4	52.3	50.0	47.6	46.5	44.1	43.0	40.7	39.5	39.5
0.0	15°	53.4	51.1	47.6	45.3	43.0	41.8	39.5	37.2	36.0	34.9
0.0	17.5°	50.0	47.6	44.1	41.8	39.5	37.2	34.9	32.5	31.4	30.2
0.0	20°	45.3	43.0	39.5	36.0	33.7	31.4	29.0	26.7	25.6	24.4
0.0	22.5°	40.7	38.3	34.9	31.4	29.0	26.7	23.2	20.9	19.8	17.4
0.0	25°	38.3	34.9	31.4	27.9	24.4	22.1	18.6	15.1	12.8	10.5
0.0	27.5°	32.5	29.0	25.6	22.1	18.6	15.1	11.6	8.1	5.8	4.6
0.0	30°	27.9	24.4	20.9	17.4	12.8	9.3	5.8	1.2	1.2	1.2
0.0	32.5°	23.2	19.8	15.1	11.6	9.3	5.8	3.5	0.0	0.0	0.0
0.0	35°	18.6	15.1	10.5	7.0	5.8	3.5	2.3	0.0	0.0	0.0
0.0	37.5°	16.3	12.8	8.1	3.5	2.3	2.3	1.2	0.0	0.0	0.0
0.0	40°	15.1	10.5	5.8	1.2	1.2	1.2	0.0	0.0	0.0	0.0
0.0	42.5°	15.1	10.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	15.1	10.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	15.1	10.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	16.3	11.6	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	18.6	13.9	9.3	4.6	3.5	2.3	1.2	0.0	0.0	0.0
0.0	55°	23.2	20.9	17.4	15.1	11.6	8.1	3.5	0.0	0.0	0.0
0.0	57.5°	30.2	30.2	29.0	27.9	20.9	13.9	7.0	0.0	0.0	0.0
0.0	60°	40.7	40.7	40.7	40.7	30.2	20.9	10.5	0.0	0.0	0.0
0.0	62.5°	50.0	47.6	44.1	41.8	31.4	20.9	10.5	0.0	0.0	0.0
0.0	65°	50.0	45.3	39.5	33.7	25.6	17.4	8.1	0.0	0.0	0.0
0.0	67.5°	46.5	37.2	26.7	17.4	12.8	9.3	4.6	0.0	0.0	0.0
	70°	46.5	32.5	18.6	4.6	3.5	2.3	1.2	0.0	0.0	0.0
	72.5°	46.5	31.4	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	51.1	34.9	17.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	51.1	34.9	17.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	45.3	30.2	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	15.1	10.5	4.6	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):

[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°	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
0.0	2.5°	52.3	52.3	52.3	51.1	51.1	51.1	51.1	50.0	50.0	50.0
0.0	5°	47.6	47.6	46.5	46.5	45.3	45.3	44.1	44.1	43.0	43.0
0.0	7.5°	44.1	43.0	43.0	41.8	40.7	40.7	39.5	39.5	38.3	37.2
0.0	10°	40.7	39.5	39.5	38.3	37.2	36.0	36.0	34.9	33.7	32.5
0.0	12.5°	37.2	36.0	34.9	33.7	32.5	31.4	31.4	30.2	29.0	27.9
0.0	15°	32.5	31.4	30.2	29.0	27.9	26.7	26.7	25.6	24.4	23.2
0.0	17.5°	27.9	26.7	26.7	25.6	24.4	23.2	22.1	19.8	18.6	17.4
0.0	20°	20.9	19.8	18.6	17.4	16.3	13.9	12.8	10.5	8.1	7.0
0.0	22.5°	13.9	11.6	10.5	8.1	5.8	4.6	3.5	1.2	0.0	0.0
0.0	25°	4.6	3.5	2.3	1.2	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: P1049445

CATALOG NUMBER: GALN-SA6A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049445

CATALOG NUMBER: GALN-SA6A-950-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
0.0	2.5°	48.8	48.8	48.8	47.6	47.6	47.6	47.6	47.6	47.6	47.6
0.0	5°	41.8	41.8	41.8	40.7	40.7	39.5	39.5	39.5	38.3	38.3
0.0	7.5°	36.0	34.9	34.9	33.7	33.7	32.5	32.5	32.5	31.4	31.4
0.0	10°	30.2	29.0	29.0	27.9	27.9	26.7	26.7	25.6	25.6	24.4
0.0	12.5°	26.7	25.6	24.4	23.2	23.2	22.1	20.9	20.9	19.8	18.6
0.0	15°	20.9	19.8	18.6	17.4	16.3	15.1	13.9	13.9	12.8	11.6
0.0	17.5°	13.9	11.6	10.5	9.3	9.3	8.1	7.0	5.8	4.6	3.5
0.0	20°	3.5	2.3	1.2	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: P1049445

CATALOG NUMBER: GALN-SA6A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049445

CATALOG NUMBER: GALN-SA6A-950-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°	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
0.0	2.5°	47.6	46.5	46.5	46.5	47.6	47.6	47.6	47.6	47.6	47.6
0.0	5°	38.3	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
0.0	7.5°	31.4	30.2	30.2	30.2	30.2	29.0	29.0	29.0	29.0	29.0
0.0	10°	24.4	23.2	23.2	23.2	23.2	22.1	22.1	22.1	22.1	22.1
0.0	12.5°	17.4	17.4	16.3	16.3	16.3	15.1	15.1	15.1	15.1	13.9
0.0	15°	10.5	9.3	8.1	8.1	8.1	7.0	7.0	7.0	7.0	5.8
0.0	17.5°	2.3	2.3	1.2	1.2	1.2	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: P1049445

CATALOG NUMBER: GALN-SA6A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049445

CATALOG NUMBER: GALN-SA6A-950-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
0.0	2.5°	48.8	48.8	50.0	50.0	51.1	53.4	54.6	55.8	58.1	60.4
0.0	5°	38.3	39.5	39.5	40.7	41.8	43.0	44.1	45.3	47.6	50.0
0.0	7.5°	30.2	30.2	31.4	31.4	32.5	34.9	36.0	37.2	39.5	43.0
0.0	10°	23.2	23.2	24.4	24.4	25.6	27.9	29.0	30.2	32.5	36.0
0.0	12.5°	15.1	16.3	16.3	17.4	18.6	20.9	22.1	23.2	25.6	27.9
0.0	15°	7.0	8.1	8.1	9.3	10.5	12.8	13.9	15.1	17.4	20.9
0.0	17.5°	1.2	1.2	2.3	2.3	3.5	4.6	5.8	7.0	10.5	12.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	4.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
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: P1049445

CATALOG NUMBER: GALN-SA6A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049445

CATALOG NUMBER: GALN-SA6A-950-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°	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
0.0	2.5°	63.9	66.2	68.5	70.9	73.2	75.5	76.7	79.0	80.2	81.3
0.0	5°	54.6	56.9	60.4	62.7	65.1	67.4	69.7	70.9	72.0	73.2
0.0	7.5°	47.6	50.0	53.4	55.8	58.1	60.4	62.7	65.1	66.2	67.4
0.0	10°	40.7	44.1	46.5	50.0	52.3	54.6	56.9	59.3	61.6	62.7
0.0	12.5°	32.5	36.0	39.5	41.8	45.3	48.8	51.1	53.4	55.8	58.1
0.0	15°	25.6	29.0	32.5	34.9	38.3	41.8	45.3	47.6	50.0	52.3
0.0	17.5°	18.6	22.1	25.6	27.9	31.4	34.9	37.2	40.7	43.0	45.3
0.0	20°	9.3	12.8	16.3	19.8	23.2	26.7	29.0	32.5	34.9	37.2
0.0	22.5°	1.2	4.6	8.1	10.5	13.9	17.4	19.8	23.2	25.6	27.9
0.0	25°	0.0	1.2	3.5	4.6	5.8	8.1	10.5	12.8	15.1	17.4
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.2	2.3	4.6	7.0	9.3
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
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	1.2
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.3
	85°	0.0	0.0	0.0	0.0	0.0	2.3	3.5	5.8	7.0	8.1
	87.5°	0.0	1.2	2.3	3.5	4.6	7.0	9.3	11.6	12.8	13.9
	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: P1049445

CATALOG NUMBER: GALN-SA6A-950-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
67.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.5	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											
1.2											
4.6											
10.5											
15.1											
0.0											
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REPORT NUMBER: P1049445

CATALOG NUMBER: GALN-SA6A-950-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
0.0	2.5°	82.5	82.5	82.5	82.5	81.3	81.3	81.3	80.2	80.2	79.0
0.0	5°	75.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	75.5	75.5
0.0	7.5°	69.7	70.9	72.0	72.0	73.2	73.2	73.2	72.0	72.0	70.9
0.0	10°	66.2	67.4	67.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
0.0	12.5°	61.6	62.7	63.9	63.9	65.1	65.1	65.1	65.1	63.9	63.9
0.0	15°	55.8	58.1	59.3	60.4	60.4	61.6	61.6	61.6	61.6	61.6
0.0	17.5°	51.1	53.4	54.6	55.8	55.8	56.9	56.9	58.1	58.1	58.1
0.0	20°	41.8	44.1	45.3	47.6	48.8	50.0	51.1	52.3	52.3	53.4
0.0	22.5°	32.5	34.9	36.0	38.3	39.5	40.7	41.8	43.0	44.1	45.3
0.0	25°	23.2	25.6	26.7	29.0	30.2	31.4	32.5	33.7	33.7	34.9
0.0	27.5°	12.8	15.1	17.4	18.6	20.9	22.1	23.2	24.4	25.6	26.7
0.0	30°	5.8	7.0	8.1	10.5	11.6	12.8	13.9	16.3	17.4	18.6
0.0	32.5°	0.0	0.0	1.2	3.5	4.6	5.8	7.0	8.1	8.1	9.3
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.3	3.5	4.6
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°	2.3	2.3	2.3	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	82.5°	5.8	7.0	8.1	8.1	9.3	9.3	9.3	9.3	8.1	8.1
	85°	11.6	12.8	13.9	13.9	15.1	15.1	15.1	15.1	15.1	15.1
	87.5°	16.3	17.4	18.6	18.6	19.8	19.8	19.8	19.8	19.8	19.8
	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: P1049445

CATALOG NUMBER: GALN-SA6A-950-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
67.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	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											
3.5											
8.1											
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19.8											
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REPORT NUMBER: P1049445

CATALOG NUMBER: GALN-SA6A-950-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°	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
0.0	2.5°	77.8	77.8	76.7	76.7	76.7	76.7	76.7	77.8	79.0	79.0
0.0	5°	74.4	74.4	73.2	73.2	73.2	74.4	74.4	75.5	76.7	77.8
0.0	7.5°	70.9	69.7	69.7	70.9	70.9	72.0	72.0	73.2	74.4	75.5
0.0	10°	68.5	67.4	67.4	67.4	68.5	68.5	69.7	70.9	72.0	73.2
0.0	12.5°	63.9	63.9	63.9	63.9	65.1	65.1	66.2	67.4	69.7	70.9
0.0	15°	61.6	60.4	60.4	60.4	60.4	61.6	61.6	63.9	66.2	67.4
0.0	17.5°	56.9	56.9	55.8	55.8	56.9	56.9	58.1	60.4	62.7	63.9
0.0	20°	52.3	51.1	50.0	50.0	51.1	51.1	52.3	54.6	56.9	58.1
0.0	22.5°	45.3	44.1	44.1	44.1	44.1	45.3	45.3	47.6	51.1	53.4
0.0	25°	36.0	37.2	37.2	38.3	38.3	39.5	40.7	43.0	46.5	48.8
0.0	27.5°	27.9	29.0	29.0	31.4	32.5	33.7	34.9	38.3	41.8	44.1
0.0	30°	20.9	22.1	23.2	24.4	26.7	29.0	31.4	34.9	38.3	40.7
0.0	32.5°	12.8	15.1	16.3	18.6	20.9	23.2	25.6	29.0	33.7	37.2
0.0	35°	9.3	10.5	12.8	13.9	16.3	18.6	20.9	25.6	29.0	33.7
0.0	37.5°	4.6	7.0	9.3	11.6	13.9	16.3	18.6	23.2	27.9	31.4
0.0	40°	3.5	5.8	7.0	9.3	12.8	15.1	17.4	22.1	26.7	31.4
0.0	42.5°	2.3	3.5	4.6	8.1	10.5	13.9	17.4	22.1	26.7	31.4
0.0	45°	2.3	2.3	3.5	7.0	10.5	15.1	18.6	23.2	26.7	31.4
0.0	47.5°	2.3	3.5	4.6	9.3	11.6	15.1	18.6	22.1	26.7	30.2
0.0	50°	3.5	4.6	5.8	10.5	12.8	16.3	18.6	23.2	26.7	31.4
0.0	52.5°	2.3	3.5	4.6	9.3	12.8	17.4	20.9	25.6	30.2	33.7
0.0	55°	1.2	1.2	1.2	7.0	13.9	19.8	26.7	30.2	34.9	38.3
0.0	57.5°	0.0	0.0	0.0	4.6	13.9	22.1	30.2	34.9	39.5	43.0
0.0	60°	0.0	0.0	0.0	4.6	13.9	22.1	30.2	36.0	41.8	47.6
0.0	62.5°	0.0	0.0	0.0	4.6	11.6	18.6	25.6	34.9	45.3	54.6
0.0	65°	0.0	0.0	0.0	3.5	9.3	15.1	20.9	34.9	48.8	61.6
0.0	67.5°	0.0	0.0	0.0	3.5	9.3	13.9	19.8	34.9	48.8	63.9
	70°	0.0	0.0	0.0	3.5	9.3	15.1	20.9	34.9	48.8	62.7
	72.5°	0.0	0.0	0.0	3.5	10.5	16.3	23.2	34.9	46.5	58.1
	75°	0.0	0.0	0.0	4.6	10.5	17.4	24.4	34.9	45.3	54.6
	77.5°	0.0	0.0	0.0	3.5	10.5	16.3	23.2	33.7	44.1	53.4
	80°	3.5	2.3	2.3	5.8	10.5	15.1	19.8	30.2	41.8	52.3
	82.5°	7.0	7.0	5.8	8.1	10.5	13.9	17.4	26.7	37.2	46.5
	85°	13.9	13.9	12.8	13.9	13.9	15.1	16.3	20.9	25.6	30.2
	87.5°	18.6	18.6	17.4	17.4	17.4	16.3	16.3	16.3	16.3	15.1
	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: P1049445

CATALOG NUMBER: GALN-SA6A-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
67.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.7											
69.7											
65.1											
63.9											
62.7											
55.8											
34.9											
15.1											
0.0											
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REPORT NUMBER: P1049445

CATALOG NUMBER: GALN-SA6A-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
0.0	2.5°	81.3	82.5	82.5	83.7	84.8	86.0	86.0	87.1	87.1	87.1
0.0	5°	80.2	82.5	83.7	84.8	86.0	87.1	88.3	89.5	90.6	90.6
0.0	7.5°	79.0	80.2	82.5	83.7	86.0	87.1	89.5	90.6	91.8	92.9
0.0	10°	76.7	79.0	81.3	83.7	86.0	88.3	90.6	92.9	95.3	96.4
0.0	12.5°	74.4	77.8	80.2	82.5	86.0	89.5	91.8	95.3	97.6	99.9
0.0	15°	73.2	75.5	79.0	81.3	86.0	90.6	94.1	98.8	103.4	106.9
0.0	17.5°	69.7	74.4	77.8	81.3	86.0	91.8	96.4	101.1	108.1	115.0
0.0	20°	65.1	68.5	73.2	76.7	83.7	89.5	96.4	102.2	112.7	123.2
0.0	22.5°	60.4	65.1	68.5	73.2	81.3	88.3	96.4	103.4	120.8	137.1
0.0	25°	55.8	61.6	66.2	70.9	80.2	89.5	98.8	108.1	137.1	166.1
0.0	27.5°	53.4	58.1	63.9	68.5	80.2	92.9	104.6	116.2	162.7	208.0
0.0	30°	50.0	55.8	60.4	66.2	81.3	96.4	111.5	126.6	197.5	268.4
0.0	32.5°	46.5	52.3	58.1	63.9	83.7	103.4	122.0	141.7	234.7	326.5
0.0	35°	43.0	50.0	55.8	61.6	87.1	113.9	139.4	165.0	268.4	370.6
0.0	37.5°	41.8	48.8	54.6	60.4	88.3	115.0	142.9	169.6	271.9	374.1
0.0	40°	43.0	48.8	55.8	61.6	84.8	108.1	130.1	153.4	260.3	366.0
0.0	42.5°	43.0	50.0	56.9	63.9	82.5	101.1	119.7	138.3	256.8	375.3
0.0	45°	41.8	48.8	55.8	62.7	80.2	96.4	113.9	130.1	277.7	424.1
0.0	47.5°	40.7	47.6	54.6	61.6	79.0	96.4	113.9	131.3	359.0	585.6
0.0	50°	40.7	47.6	53.4	59.3	80.2	102.2	123.2	144.1	522.8	900.4
0.0	52.5°	43.0	48.8	53.4	58.1	82.5	108.1	132.4	156.8	664.6	1171.1
0.0	55°	46.5	50.0	54.6	58.1	88.3	117.3	147.6	176.6	707.6	1238.5
0.0	57.5°	51.1	54.6	58.1	61.6	98.8	135.9	172.0	209.1	711.0	1211.8
0.0	60°	56.9	61.6	65.1	68.5	108.1	148.7	188.2	227.7	643.7	1058.4
0.0	62.5°	69.7	75.5	80.2	86.0	124.3	161.5	199.8	237.0	534.4	831.9
0.0	65°	80.2	84.8	89.5	94.1	131.3	169.6	206.8	244.0	453.1	662.2
0.0	67.5°	82.5	87.1	90.6	95.3	133.6	172.0	209.1	247.5	388.1	527.5
	70°	83.7	89.5	96.4	102.2	141.7	181.2	219.6	259.1	343.9	428.7
	72.5°	80.2	91.8	102.2	112.7	149.9	185.9	223.1	259.1	319.5	379.9
	75°	80.2	96.4	111.5	126.6	154.5	181.2	209.1	235.9	282.3	328.8
	77.5°	84.8	105.7	126.6	147.6	163.8	178.9	195.2	210.3	240.5	270.7
	80°	84.8	106.9	127.8	149.9	156.8	165.0	172.0	178.9	182.4	185.9
	82.5°	73.2	90.6	108.1	125.5	117.3	109.2	101.1	92.9	87.1	80.2
	85°	37.2	40.7	43.0	45.3	41.8	38.3	34.9	31.4	29.0	25.6
	87.5°	15.1	15.1	13.9	13.9	13.9	13.9	12.8	12.8	12.8	12.8
	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: P1049445

CATALOG NUMBER: GALN-SA6A-950-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
67.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
247.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
343.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
465.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
582.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
661.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
720.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
779.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
895.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1128.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1719.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2633.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3315.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3391.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3060.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2616.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1545.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1140.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
807.5											
600.7											
436.8											
328.8											
184.7											
83.7											
24.4											
11.6											
0.0											
0.0											
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REPORT NUMBER: P1049445

CATALOG NUMBER: GALN-SA6A-950-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°	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
0.0	2.5°	87.1	86.0	86.0	84.8	83.7	82.5	81.3	80.2	79.0	77.8
0.0	5°	90.6	90.6	90.6	89.5	89.5	88.3	88.3	87.1	86.0	84.8
0.0	7.5°	94.1	95.3	95.3	96.4	96.4	96.4	96.4	95.3	95.3	95.3
0.0	10°	99.9	101.1	102.2	103.4	104.6	105.7	105.7	106.9	106.9	106.9
0.0	12.5°	106.9	110.4	112.7	116.2	118.5	122.0	124.3	127.8	130.1	132.4
0.0	15°	117.3	123.2	130.1	135.9	141.7	149.9	159.2	167.3	175.4	188.2
0.0	17.5°	132.4	151.0	169.6	187.1	205.6	246.3	287.0	326.5	367.1	426.4
0.0	20°	161.5	217.3	271.9	327.6	382.2	525.1	666.9	809.8	951.5	1103.7
0.0	22.5°	226.6	363.7	500.7	637.8	774.9	1073.5	1371.0	1669.6	1967.0	2316.7
0.0	25°	328.8	580.9	833.0	1084.0	1336.1	1803.2	2271.4	2738.4	3205.5	3659.8
0.0	27.5°	478.7	864.4	1250.1	1634.7	2020.4	2653.6	3288.0	3921.2	4554.4	5067.9
0.0	30°	663.4	1186.2	1709.1	2231.9	2754.7	3475.0	4195.4	4914.6	5634.9	6196.1
0.0	32.5°	837.7	1477.9	2118.0	2757.0	3397.2	4217.5	5038.9	5859.1	6679.4	7292.8
0.0	35°	951.5	1725.3	2500.3	3274.0	4047.8	4935.5	5823.1	6709.6	7597.2	8297.8
0.0	37.5°	1065.4	1958.8	2851.1	3744.6	4636.9	5611.6	6586.4	7561.2	8536.0	9401.5
0.0	40°	1193.2	2241.2	3288.0	4336.0	5382.8	6537.6	7691.3	8846.2	9999.9	11221.0
0.0	42.5°	1415.1	2709.4	4004.8	5299.1	6593.4	8121.2	9649.0	11175.7	12703.5	14446.2
0.0	45°	1832.2	3656.3	5481.5	7305.6	9129.7	11153.6	13178.7	15202.6	17226.5	19545.5
0.0	47.5°	2853.5	5363.0	7871.4	10381.0	12889.4	15074.8	17259.0	19444.4	21628.7	23938.4
0.0	50°	4366.2	7287.0	10207.9	13127.5	16048.4	18025.8	20002.1	21979.5	23955.8	26152.8
0.0	52.5°	5460.6	8503.5	11547.5	14590.3	17633.1	19417.7	21203.4	22988.0	24772.6	26825.5
0.0	55°	5543.1	8568.5	11595.1	14620.5	17645.9	19438.6	21231.3	23024.0	24816.7	26992.8
0.0	57.5°	4907.6	7908.6	10908.4	13909.5	16909.3	18950.6	20990.8	23032.2	25072.3	27425.1
0.0	60°	4174.5	7176.6	10177.7	13179.8	16180.8	18532.4	20885.1	23236.6	25588.2	27792.2
0.0	62.5°	3256.6	6344.8	9434.1	12522.2	15610.4	17997.9	20385.5	22771.9	25159.5	26812.8
0.0	65°	2427.1	5425.8	8424.4	11422.0	14420.7	16333.0	18245.4	20156.6	22069.0	23092.6
0.0	67.5°	1754.4	4340.6	6925.7	9511.9	12097.0	13465.6	14834.3	16201.8	17570.4	18353.5
	70°	1186.2	2977.8	4768.2	6559.7	8350.1	9474.7	10600.6	11725.2	12849.9	13907.1
	72.5°	821.4	1827.6	2834.9	3841.0	4847.2	5978.8	7109.3	8240.9	9371.3	10490.2
	75°	544.9	1002.7	1461.6	1919.3	2377.1	3214.8	4053.6	4891.3	5729.0	6395.9
	77.5°	386.9	524.0	662.2	799.3	936.4	1093.3	1251.3	1408.1	1565.0	1803.2
	80°	183.6	201.0	218.4	234.7	252.1	309.0	366.0	422.9	479.8	540.3
	82.5°	87.1	94.1	101.1	106.9	113.9	119.7	125.5	131.3	137.1	131.3
	85°	23.2	23.2	24.4	24.4	24.4	24.4	24.4	24.4	24.4	23.2
	87.5°	10.5	10.5	10.5	10.5	10.5	10.5	10.5	9.3	9.3	8.1
	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: P1049445

CATALOG NUMBER: GALN-SA6A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049445

CATALOG NUMBER: GALN-SA6A-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
0.0	2.5°	75.5	74.4	73.2	72.0	70.9	68.5	68.5	67.4	67.4
0.0	5°	82.5	81.3	80.2	79.0	79.0	77.8	76.7	76.7	75.5
0.0	7.5°	94.1	92.9	91.8	90.6	90.6	89.5	89.5	88.3	88.3
0.0	10°	108.1	108.1	108.1	108.1	108.1	106.9	106.9	106.9	105.7
0.0	12.5°	135.9	137.1	139.4	141.7	145.2	145.2	145.2	144.1	144.1
0.0	15°	214.9	227.7	237.0	246.3	254.4	273.0	270.7	267.2	264.9
0.0	17.5°	543.7	601.8	633.2	663.4	694.8	780.8	766.8	752.9	740.1
0.0	20°	1409.3	1561.5	1662.6	1763.7	1865.9	2027.4	1987.9	1948.4	1908.9
0.0	22.5°	3015.0	3364.7	3516.9	3669.1	3820.1	4015.3	3888.7	3762.0	3636.5
0.0	25°	4567.2	5021.4	5278.2	5535.0	5790.6	5902.1	5737.1	5571.0	5406.0
0.0	27.5°	6095.0	6608.5	6835.1	7060.5	7287.0	7520.5	7316.1	7110.4	6905.9
0.0	30°	7319.5	7880.7	8125.9	8369.8	8615.0	8777.6	8566.2	8353.6	8142.1
0.0	32.5°	8520.9	9134.3	9402.7	9671.1	9938.3	10171.8	9911.6	9650.2	9389.9
0.0	35°	9697.8	10398.4	10767.9	11137.3	11506.8	11724.0	11415.0	11104.8	10795.7
0.0	37.5°	11133.8	11999.4	12413.0	12826.6	13240.2	13636.4	13296.0	12954.4	12614.0
0.0	40°	13663.1	14884.2	15518.6	16154.1	16788.5	17299.7	16869.8	16439.9	16010.0
0.0	42.5°	17931.7	19674.5	20586.5	21497.4	22409.4	23207.6	22755.6	22303.7	21851.7
0.0	45°	24183.5	26502.6	27614.4	28725.1	29837.0	30420.3	29769.6	29117.8	28467.2
0.0	47.5°	28556.7	30866.4	31856.3	32846.2	33836.0	34501.8	33705.9	32910.1	32115.4
0.0	50°	30545.7	32742.8	33736.1	34728.3	35721.7	36250.3	35331.3	34411.1	33492.1
0.0	52.5°	30930.3	32983.3	34168.3	35354.6	36539.6	37246.0	36160.9	35074.6	33989.4
0.0	55°	31346.2	33522.3	34896.8	36272.4	37646.9	38625.1	37398.2	36170.2	34943.3
0.0	57.5°	32129.3	34482.0	35853.0	37222.8	38593.7	39424.5	38194.1	36962.5	35732.2
0.0	60°	32199.0	34401.9	35580.0	36759.2	37937.3	38460.1	37283.2	36105.1	34928.2
0.0	62.5°	30120.5	31773.8	32591.7	33409.6	34227.6	34795.7	33567.7	32338.4	31110.4
0.0	65°	25140.9	26164.5	26816.3	27468.0	28119.8	28797.2	27672.5	26547.9	25423.2
0.0	67.5°	19920.8	20703.9	21562.4	22421.0	23279.6	24003.5	23103.0	22201.5	21301.0
	70°	16020.5	17076.6	18042.1	19007.6	19973.1	20565.6	19661.7	18756.6	17852.7
	72.5°	12727.9	13846.7	14653.0	15458.2	16264.5	16409.7	15745.2	15080.6	14417.2
	75°	7728.5	8395.4	8411.7	8426.8	8443.0	8581.3	8030.6	7479.9	6930.3
	77.5°	2279.5	2517.7	2714.0	2909.2	3105.6	3342.6	3140.4	2937.1	2735.0
	80°	659.9	720.3	771.5	821.4	872.5	842.3	794.7	747.1	699.4
	82.5°	118.5	111.5	110.4	109.2	109.2	103.4	94.1	84.8	75.5
	85°	20.9	19.8	18.6	17.4	16.3	15.1	12.8	11.6	9.3
	87.5°	7.0	5.8	4.6	3.5	3.5	1.2	1.2	1.2	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



REPORT NUMBER: P1049445

CATALOG NUMBER: GALN-SA6A-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049445

CATALOG NUMBER: GALN-SA6A-950-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°	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
0.0	0.0	2.5°	66.2	65.1	65.1	65.1	65.1	63.9	63.9	63.9	63.9
0.0	0.0	5°	73.2	73.2	72.0	72.0	70.9	70.9	69.7	69.7	68.5
0.0	0.0	7.5°	86.0	84.8	83.7	82.5	81.3	79.0	77.8	76.7	76.7
0.0	0.0	10°	103.4	101.1	99.9	97.6	96.4	94.1	91.8	89.5	87.1
0.0	0.0	12.5°	135.9	131.3	127.8	123.2	118.5	115.0	110.4	106.9	102.2
0.0	0.0	15°	235.9	224.2	211.5	196.3	180.1	165.0	148.7	139.4	129.0
0.0	0.0	17.5°	603.0	542.6	481.0	431.0	381.1	332.3	282.3	246.3	210.3
0.0	0.0	20°	1534.8	1367.5	1200.2	1035.2	869.1	704.1	537.9	454.3	370.6
0.0	0.0	22.5°	2888.3	2578.1	2266.7	1965.8	1663.7	1362.8	1061.9	872.5	684.3
0.0	0.0	25°	4458.0	4067.6	3677.2	3182.3	2686.2	2191.2	1696.3	1388.4	1080.5
0.0	0.0	27.5°	5801.0	5351.4	4901.8	4299.9	3698.1	3096.3	2494.5	2035.5	1577.8
0.0	0.0	30°	6964.0	6480.7	5997.4	5296.8	4596.2	3895.6	3195.0	2621.1	2047.1
0.0	0.0	32.5°	7972.5	7393.9	6815.3	6092.6	5370.0	4647.3	3924.7	3220.6	2516.5
0.0	0.0	35°	9135.5	8460.5	7784.3	6982.6	6179.8	5378.1	4576.5	3781.8	2985.9
0.0	0.0	37.5°	10613.3	9785.0	8955.4	8062.0	7168.5	6276.2	5382.8	4474.2	3565.7
0.0	0.0	40°	13442.4	12373.5	11304.6	10169.5	9033.2	7898.1	6763.0	5647.7	4532.3
0.0	0.0	42.5°	18511.5	17067.3	15623.2	14112.8	12601.2	11090.9	9579.3	8006.2	6431.9
0.0	0.0	45°	24232.3	22440.8	20648.1	18953.0	17256.7	15561.6	13866.5	11707.8	9549.1
0.0	0.0	47.5°	27449.4	25515.0	23580.5	21976.1	20371.6	18767.1	17162.6	14835.4	12508.3
0.0	0.0	50°	28633.4	26664.1	24694.7	23218.1	21740.2	20263.5	18785.7	16455.0	14123.2
0.0	0.0	52.5°	28885.5	26876.7	24867.9	23381.9	21895.9	20411.1	18925.1	16609.6	14294.0
0.0	0.0	55°	29403.7	27248.5	25092.1	23398.1	21704.2	20010.2	18316.3	15963.6	13610.9
0.0	0.0	57.5°	30081.0	27871.2	25661.4	23731.6	21801.8	19873.1	17943.3	15371.0	12798.7
0.0	0.0	60°	29903.2	27980.4	26056.4	23989.5	21921.5	19854.6	17786.5	14957.4	12127.2
0.0	0.0	62.5°	26817.4	25286.1	23753.7	22053.9	20353.0	18653.2	16953.5	14040.7	11128.0
0.0	0.0	65°	22062.0	20944.4	19826.7	18459.2	17090.6	15723.1	14355.6	11743.8	9133.2
0.0	0.0	67.5°	17880.6	16621.2	15360.6	14270.8	13179.8	12090.0	10999.1	8943.8	6888.5
		70°	14205.7	12835.9	11465.0	10400.7	9335.3	8271.1	7206.8	5840.5	4475.4
		72.5°	11281.4	10046.4	8811.3	7676.2	6540.0	5404.8	4268.6	3461.1	2653.6
		75°	5392.1	4898.3	4404.5	3810.8	3217.1	2623.4	2029.7	1677.7	1326.8
		77.5°	1998.4	1732.3	1465.1	1223.4	981.7	741.2	499.6	457.8	415.9
		80°	517.0	450.8	383.4	335.8	287.0	239.3	191.7	173.1	155.7
		82.5°	59.3	54.6	51.1	48.8	45.3	43.0	39.5	36.0	32.5
		85°	3.5	2.3	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



REPORT NUMBER: P1049445
CATALOG NUMBER: GALN-SA6A-950-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049445

CATALOG NUMBER: GALN-SA6A-950-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	67.4	67.4
0.0	0.0	2.5°	62.7	61.6
0.0	0.0	5°	66.2	65.1
0.0	0.0	7.5°	73.2	70.9
0.0	0.0	10°	80.2	77.8
0.0	0.0	12.5°	90.6	87.1
0.0	0.0	15°	102.2	95.3
0.0	0.0	17.5°	122.0	106.9
0.0	0.0	20°	165.0	126.6
0.0	0.0	22.5°	232.4	158.0
0.0	0.0	25°	341.6	218.4
0.0	0.0	27.5°	475.2	290.5
0.0	0.0	30°	632.0	363.7
0.0	0.0	32.5°	770.3	433.4
0.0	0.0	35°	950.4	504.2
0.0	0.0	37.5°	1172.3	594.9
0.0	0.0	40°	1516.2	732.0
0.0	0.0	42.5°	2135.4	985.2
0.0	0.0	45°	3468.1	1703.2
0.0	0.0	47.5°	5336.3	2817.4
0.0	0.0	50°	6528.3	3595.9
0.0	0.0	52.5°	6625.9	3590.1
0.0	0.0	55°	6048.5	3191.6
0.0	0.0	57.5°	5160.9	2667.6
0.0	0.0	60°	4289.5	2109.9
0.0	0.0	62.5°	3379.8	1456.9
0.0	0.0	65°	2470.1	1030.5
0.0	0.0	67.5°	1774.1	770.3
		70°	1166.5	590.2
		72.5°	759.8	481.0
		75°	511.2	398.5
		77.5°	298.6	264.9
		80°	105.7	92.9
		82.5°	19.8	13.9
		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: P1049445

CATALOG NUMBER: GALN-SA6A-950-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: SP1-2407-184-17

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-950-U-5WQ

Data in this report applies to families of products including GSS-SB1A-950-U-5WQ

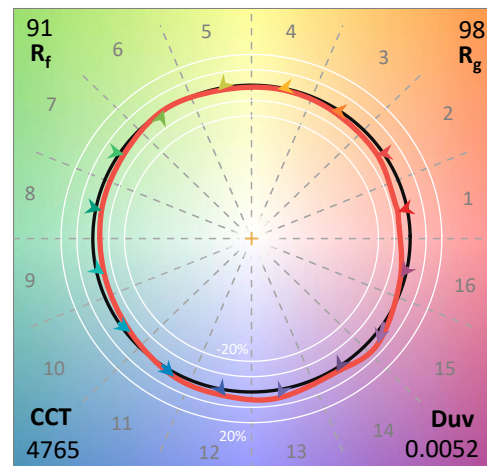
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-17
 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-950-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4765
 CIE u' : 0.2105
 CIE v' : 0.4941
 Duv: 0.0052
 CIE x: 0.3536
 CIE y: 0.3689
 CIE z: 0.2775
 Peak Wavelength (nm): 449
 Dominant Wavelength (nm): 571
 Purity: 16.80041
 R_f: 90.7
 R_g: 98

CRI (Ra): 90.8
 R1: 89.8
 R2: 93.1
 R3: 95.3
 R4: 90.3
 R5: 89.0
 R6: 89.7
 R7: 94.9
 R8: 84.0
 R9: 54.9
 R10: 83.0
 R11: 89.6
 R12: 68.0
 R13: 90.6
 R14: 97.3
 R15: 86.2



Test Conditions

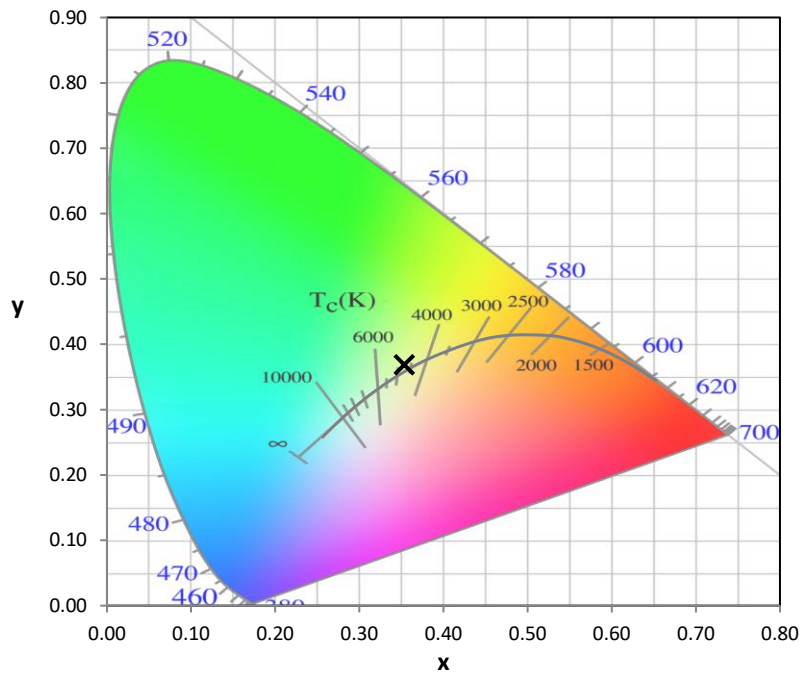
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-17

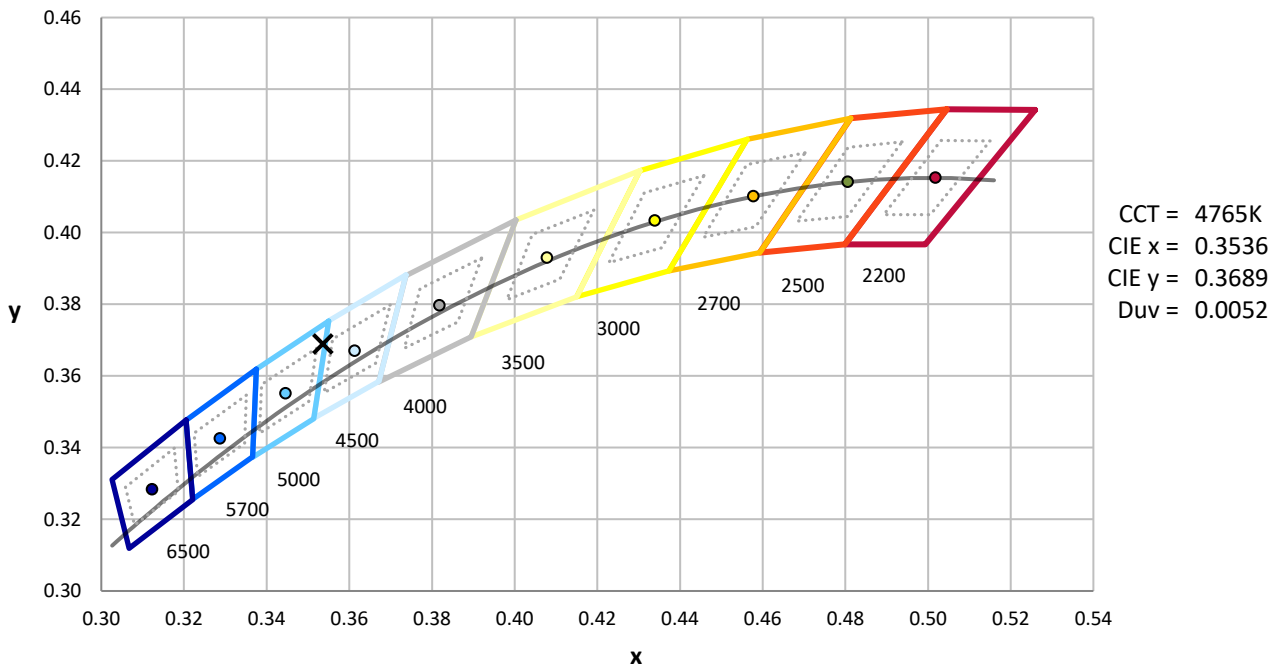
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-17

CIE 1931 Chromaticity Diagram



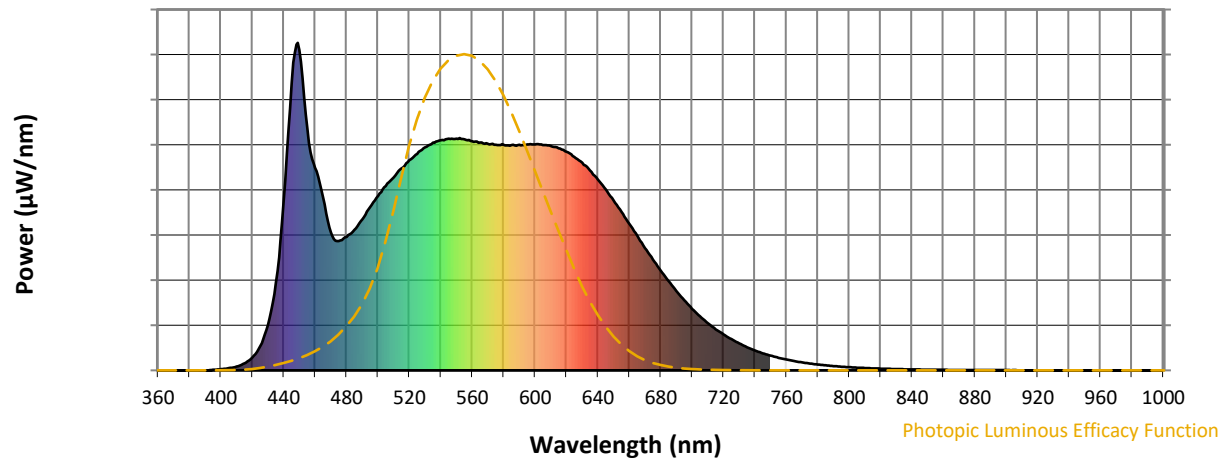
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-17

Photopic Flux vs. Wavelength

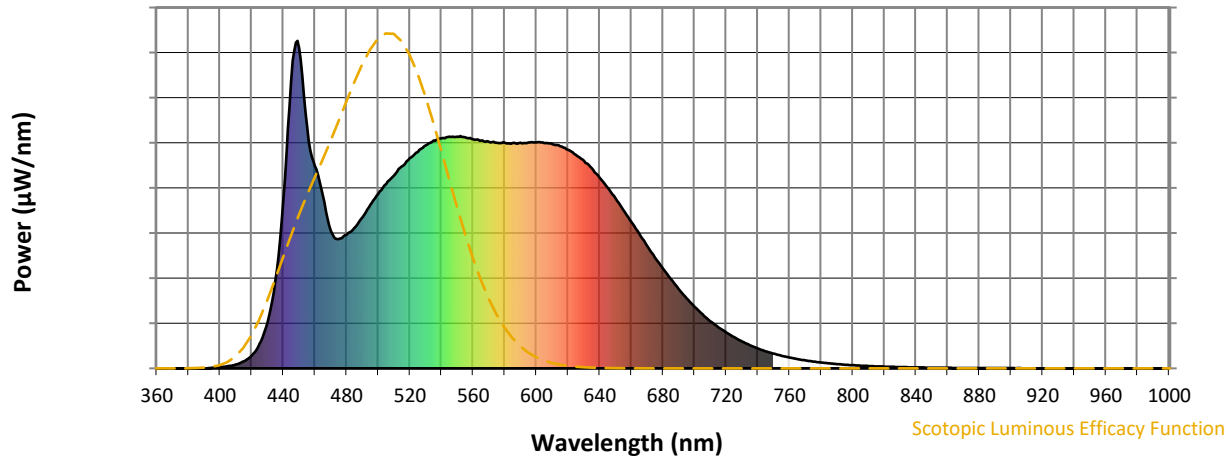


Photopic Lumens: NR

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-17

Scotopic Flux vs. Wavelength



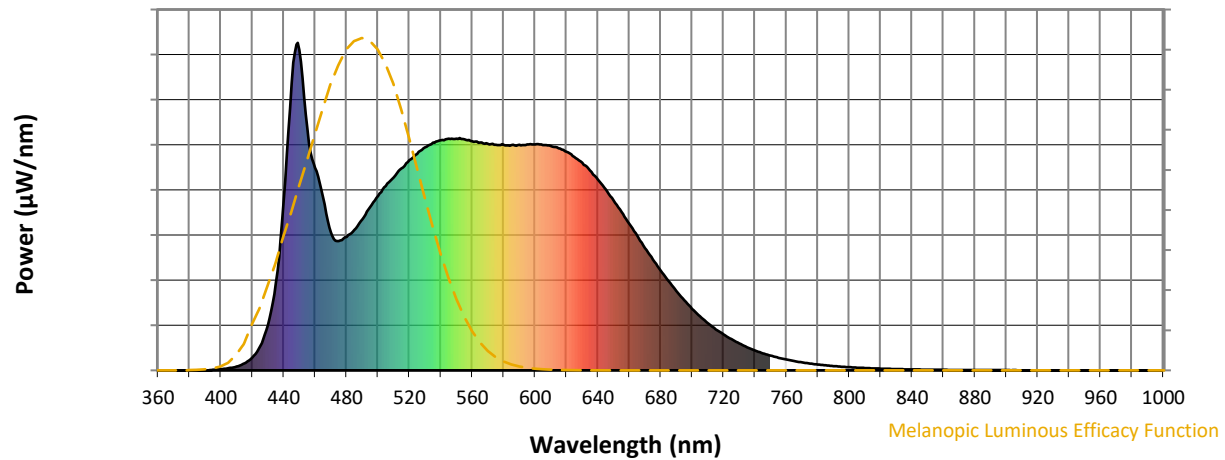
Scotopic Lumens: NR

S/P: 1.99

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-17

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 4.22

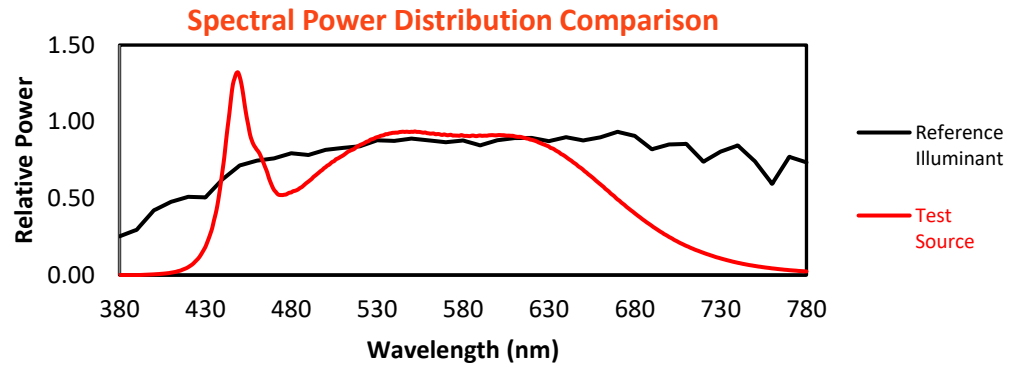
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-17

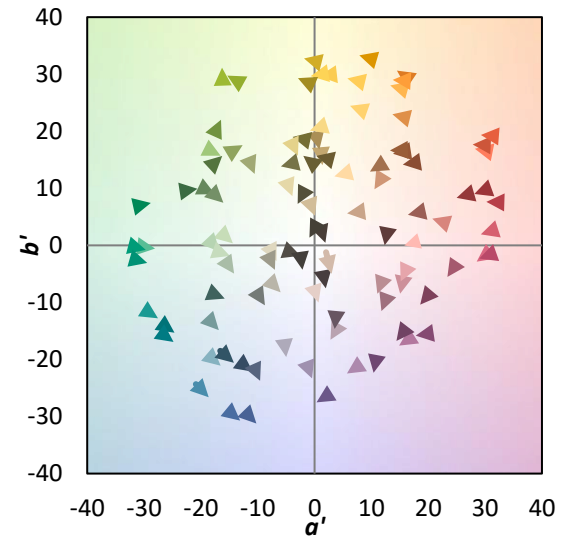
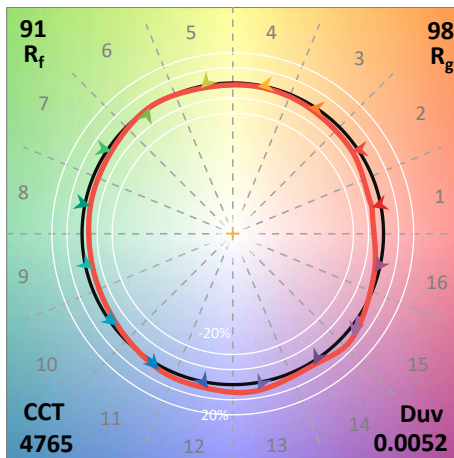
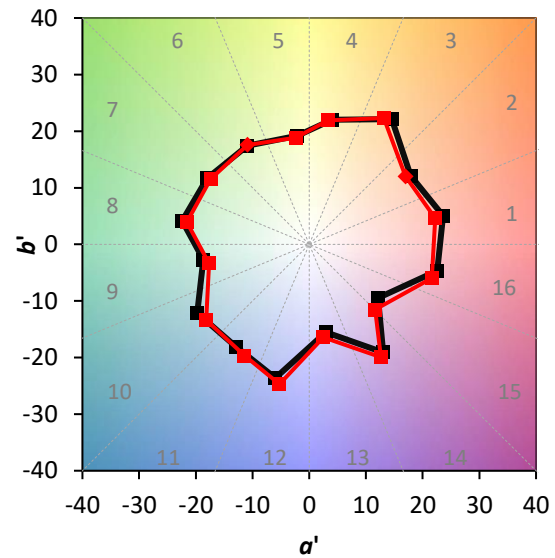
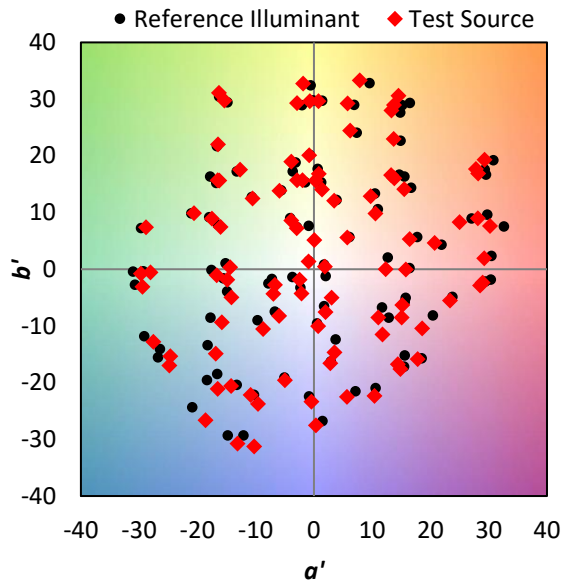
TM-30-18

Summary

$R_f = 90.7$
 $R_g = 98$
 CIE $R_a = 90.8$
 $R_9 = 54.9$

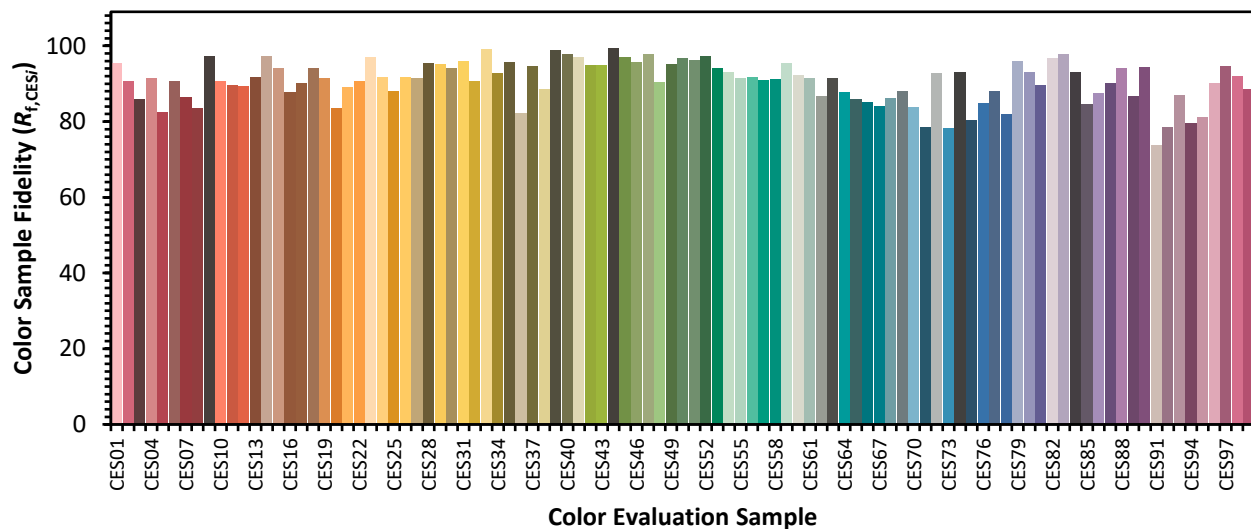


Color Vector Graphics

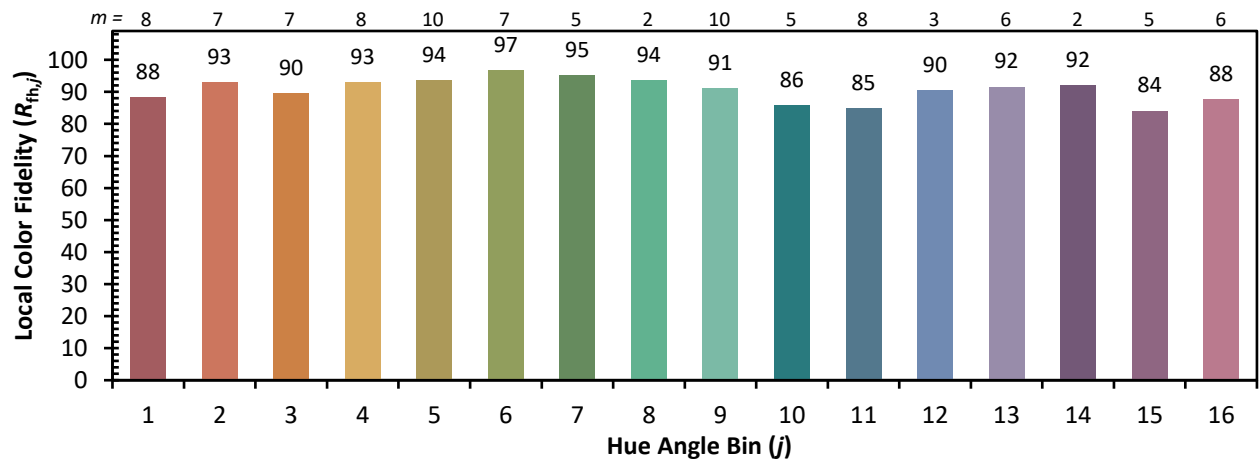
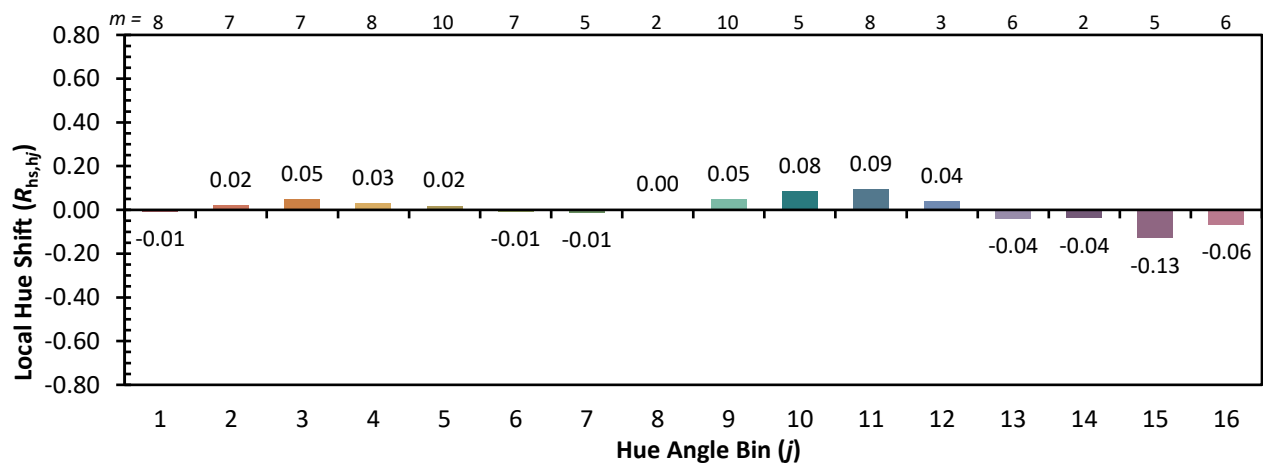
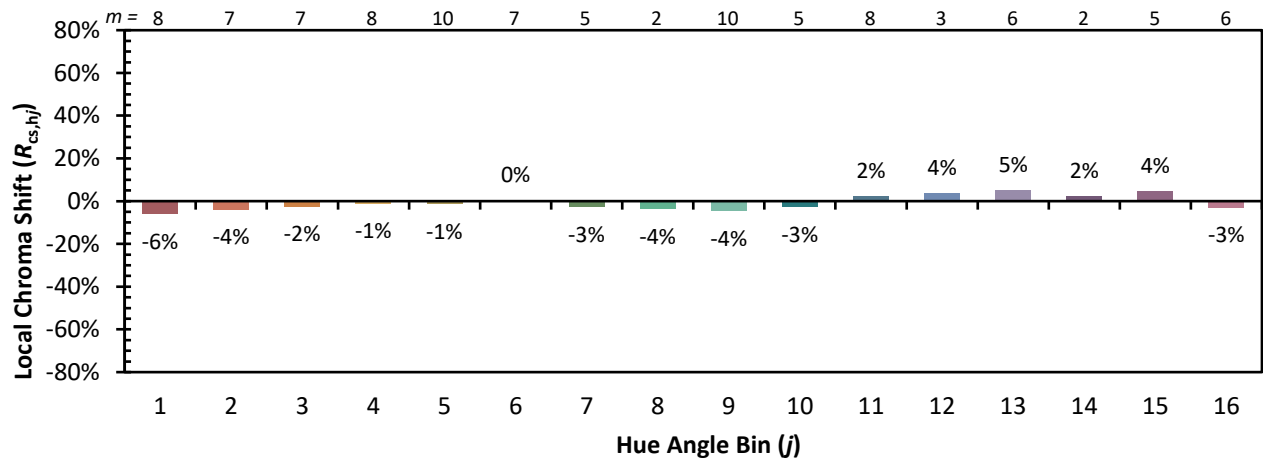


Individual Sample Fidelity Index ($R_{f,i}$)

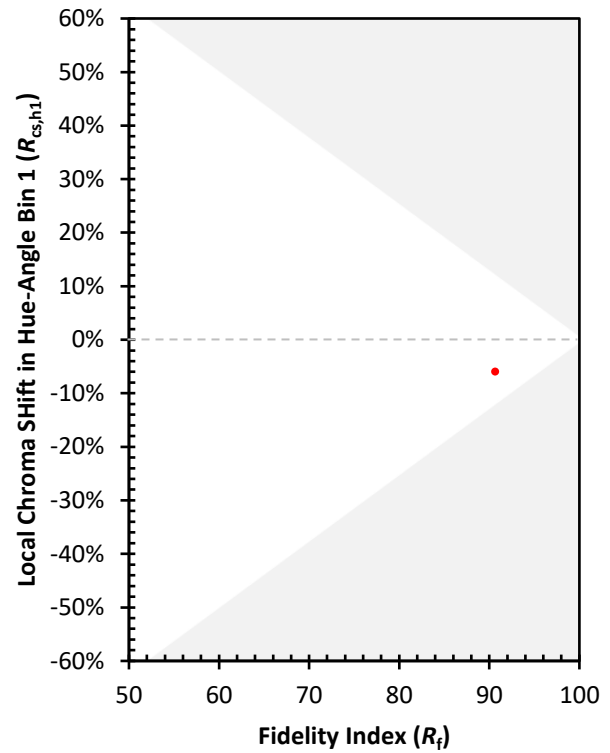
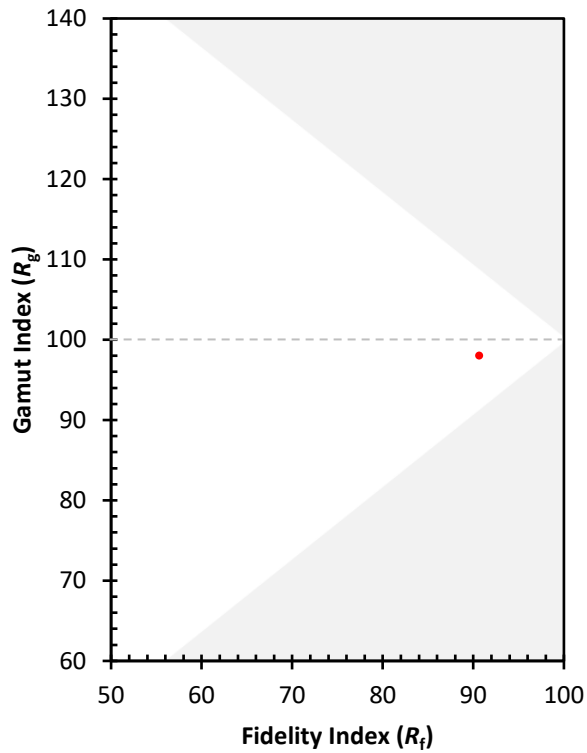
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 97
CES08 = 40	CES33 = 99	CES58 = 91	CES83 = 98
CES09 = 29	CES34 = 93	CES59 = 95	CES84 = 93
CES10 = 73	CES35 = 96	CES60 = 92	CES85 = 85
CES11 = 56	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 62	CES37 = 95	CES62 = 87	CES87 = 90
CES13 = 42	CES38 = 89	CES63 = 91	CES88 = 94
CES14 = 74	CES39 = 99	CES64 = 88	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 86	CES90 = 94
CES16 = 46	CES41 = 97	CES66 = 85	CES91 = 74
CES17 = 48	CES42 = 95	CES67 = 84	CES92 = 78
CES18 = 56	CES43 = 95	CES68 = 86	CES93 = 87
CES19 = 70	CES44 = 100	CES69 = 88	CES94 = 80
CES20 = 65	CES45 = 97	CES70 = 84	CES95 = 81
CES21 = 85	CES46 = 96	CES71 = 79	CES96 = 90
CES22 = 77	CES47 = 98	CES72 = 93	CES97 = 95
CES23 = 91	CES48 = 90	CES73 = 78	CES98 = 92
CES24 = 90	CES49 = 95	CES74 = 93	CES99 = 88
CES25 = 70	CES50 = 97	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)