

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: P1049395

Luminaire Tested: **GALN-SA2C-940-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049395
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2C-940-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
90CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7574.4 lumens
Efficiency: N/A
Efficacy: 78.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 96.2
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

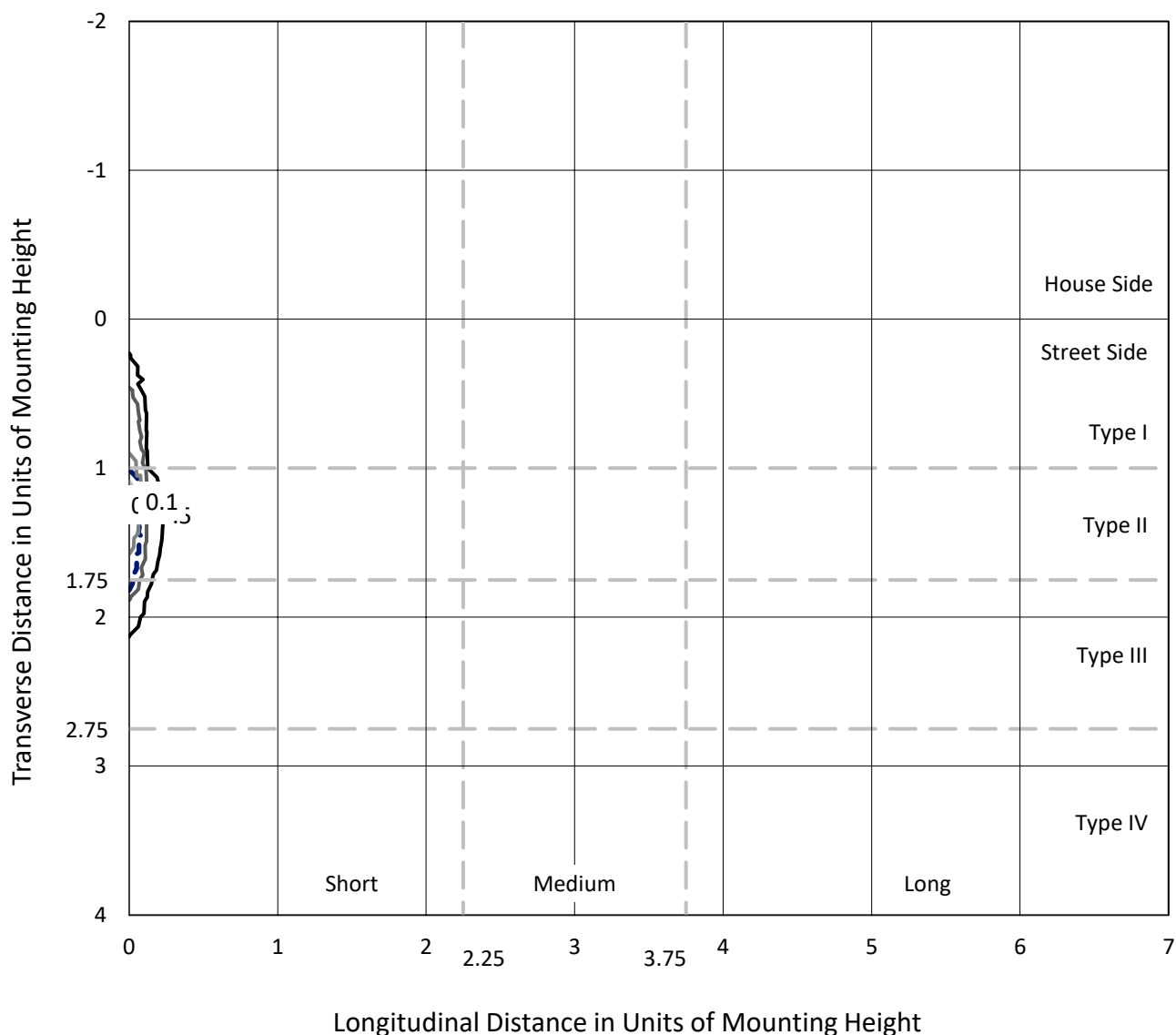
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

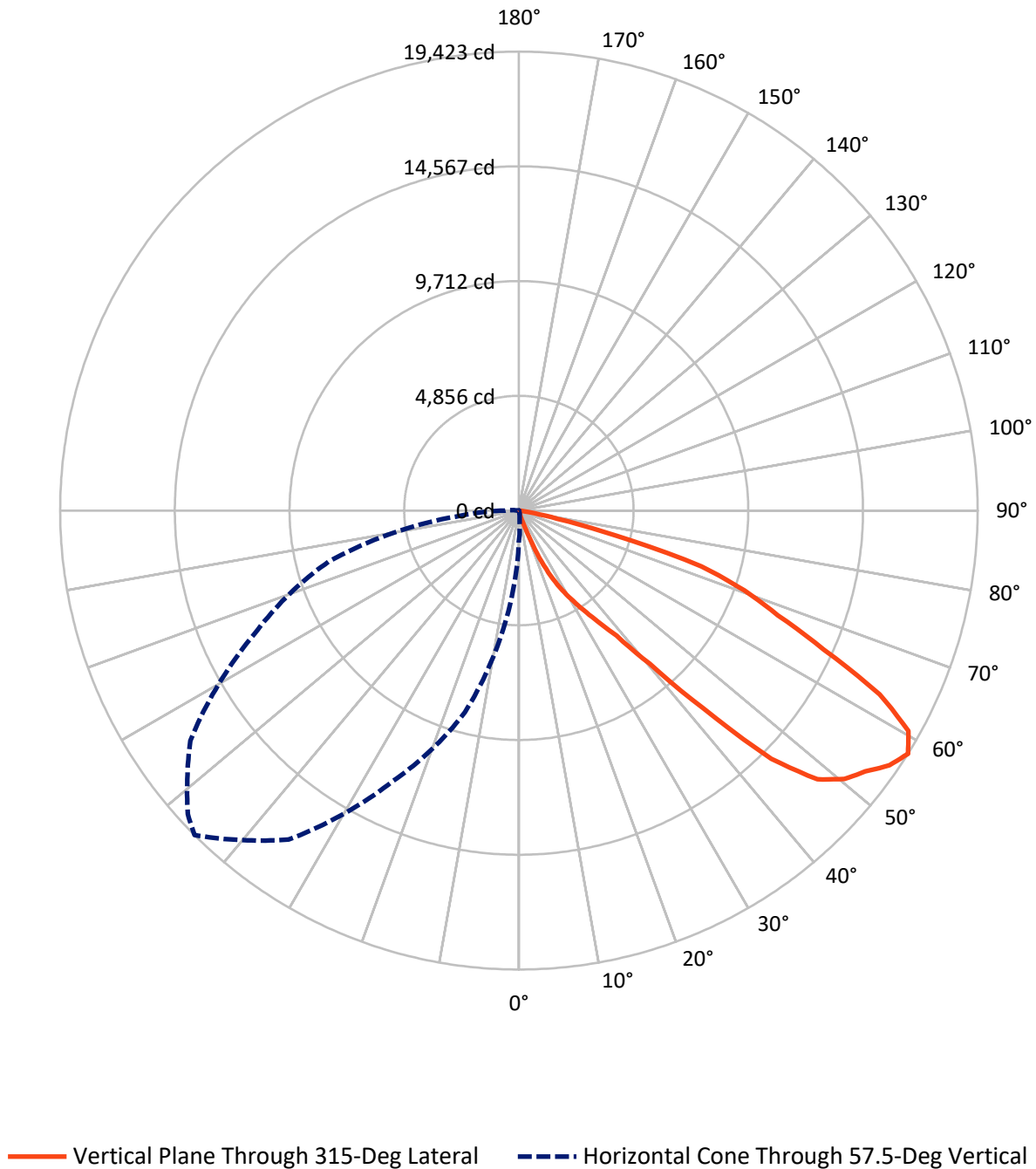


Based on 20 foot mounting height. Maximum calculated value = 1.1 fc

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	37.9	0.0	37.9
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	7536.5	0.0	7536.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	7574.4	0.0	7574.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.0	0.0
10°-20°	16.6	0.2
20°-30°	179.5	2.4
30°-40°	530.8	7.0
40°-50°	1582.0	20.9
50°-60°	2508.5	33.1
60°-70°	2094.0	27.6
70°-80°	645.7	8.5
80°-90°	14.4	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°	7574.4	100.0
0°-180°	7574.4	100.0



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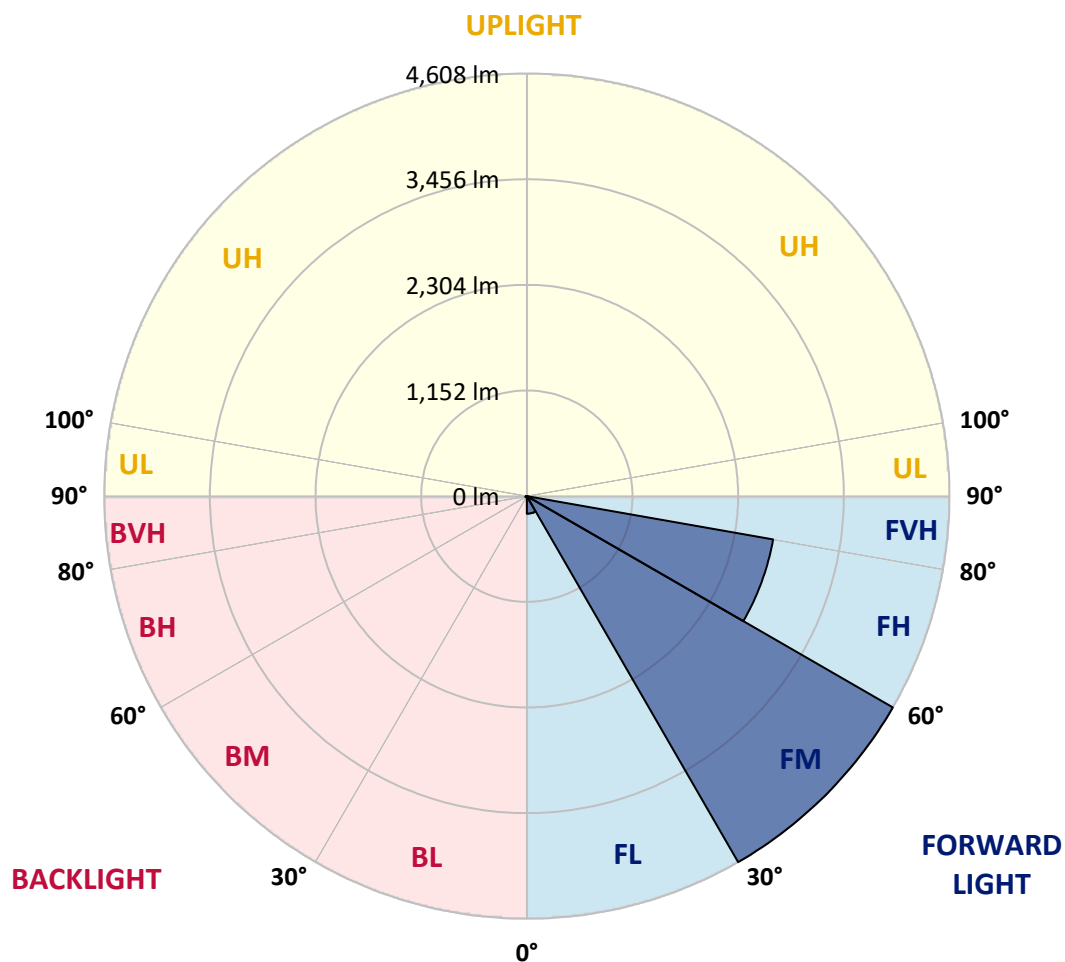
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	192.1	2.5			
FM	(30°-60°)	4607.7	60.8			
FH	(60°-80°)	2725.5	36.0			G2/5000
FVH	(80°-90°)	11.1	0.1			G1/100
BL	(0°-30°)	7.0	0.1	B0/110		
BM	(30°-60°)	13.6	0.2	B0/220		
BH	(60°-80°)	14.1	0.2	B0/110		G0/110
BVH	(80°-90°)	3.3	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-G2

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°	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
2.5°	30.3	30.3	30.3	30.3	29.8	29.8	29.2	29.2	28.6	28.6
5°	32.1	32.1	31.5	30.9	30.9	30.3	29.8	29.2	29.2	28.6
7.5°	34.9	34.3	33.8	33.2	32.1	31.5	30.3	29.8	29.2	28.0
10°	38.4	37.2	36.1	34.9	33.8	32.6	31.5	30.9	29.8	29.2
12.5°	42.9	41.2	38.9	37.2	36.1	34.3	33.2	32.1	30.3	29.2
15°	46.9	44.6	41.8	39.5	37.8	35.5	33.8	32.1	30.9	29.2
17.5°	52.7	48.7	44.1	41.2	38.9	36.1	33.2	31.5	29.8	27.5
20°	62.4	54.4	45.8	42.4	38.9	35.5	32.1	29.8	28.0	25.8
22.5°	77.8	64.1	50.4	45.2	40.6	35.5	30.9	28.6	26.3	24.0
25°	107.6	83.0	58.4	51.5	44.6	37.8	30.9	28.0	25.8	22.9
27.5°	143.1	106.5	69.3	59.5	50.4	40.6	30.9	27.5	24.6	21.2
30°	179.2	130.5	81.3	68.7	56.1	43.5	30.9	26.9	23.5	19.5
32.5°	213.5	152.8	91.6	76.7	61.8	46.4	31.5	26.9	22.3	17.7
35°	248.4	171.1	93.3	77.8	62.4	46.4	30.9	25.8	21.2	16.0
37.5°	293.1	191.8	89.9	74.4	59.5	44.1	29.2	24.6	20.0	14.9
40°	360.6	226.1	91.6	75.6	59.5	43.5	27.5	22.9	18.9	14.3
42.5°	485.4	292.5	99.0	80.7	62.4	43.5	25.2	21.2	17.7	13.7
45°	839.1	486.0	132.8	105.3	77.8	50.4	22.9	19.5	16.6	13.2
47.5°	1388.1	813.4	238.7	184.3	130.5	76.1	22.3	19.5	16.6	13.2
50°	1771.6	1036.0	300.5	231.2	162.0	92.7	23.5	20.0	17.2	13.7
52.5°	1768.7	1052.1	334.9	257.0	179.7	101.9	24.6	21.2	18.3	14.9
55°	1572.4	957.0	341.1	262.2	183.7	104.7	26.3	22.9	19.5	16.0
57.5°	1314.2	812.8	311.4	241.0	171.1	100.7	30.3	26.3	22.9	18.9
60°	1039.5	641.1	242.7	191.8	141.4	90.4	40.1	34.9	30.3	25.2
62.5°	717.8	464.8	211.8	170.0	128.8	87.0	45.8	40.6	36.1	30.9
65°	507.7	349.7	191.2	155.7	120.8	85.3	49.8	44.1	38.9	33.2
67.5°	379.5	278.2	176.3	146.0	115.6	85.3	54.9	48.1	41.8	34.9
70°	290.8	228.4	165.4	140.8	116.8	92.2	67.5	57.8	48.7	38.9
72.5°	237.0	195.2	152.8	135.1	117.3	99.6	81.9	69.3	56.7	43.5
75°	196.3	167.1	137.9	123.1	108.8	93.9	79.0	67.5	56.7	45.2
77.5°	130.5	119.1	107.0	98.5	89.9	80.7	72.1	62.4	53.2	43.5
80°	45.8	44.1	42.4	45.8	49.2	52.7	56.1	49.2	42.9	36.1
82.5°	6.9	6.3	5.7	6.3	6.9	7.4	8.0	8.6	9.2	9.7
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°	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
0.0	2.5°	28.0	28.0	27.5	27.5	27.5	26.9	26.9	26.3	26.3	26.3
0.0	5°	27.5	27.5	26.9	26.3	25.8	25.8	25.2	24.6	24.6	24.0
0.0	7.5°	26.9	26.3	25.8	25.2	24.6	24.0	23.5	22.9	22.9	22.3
0.0	10°	27.5	26.3	25.8	24.6	24.0	23.5	22.3	21.8	21.2	21.2
0.0	12.5°	26.3	25.8	24.6	23.5	22.9	21.8	21.2	20.0	19.5	19.5
0.0	15°	26.3	25.2	23.5	22.3	21.2	20.6	19.5	18.3	17.7	17.2
0.0	17.5°	24.6	23.5	21.8	20.6	19.5	18.3	17.2	16.0	15.5	14.9
0.0	20°	22.3	21.2	19.5	17.7	16.6	15.5	14.3	13.2	12.6	12.0
0.0	22.5°	20.0	18.9	17.2	15.5	14.3	13.2	11.4	10.3	9.7	8.6
0.0	25°	18.9	17.2	15.5	13.7	12.0	10.9	9.2	7.4	6.3	5.2
0.0	27.5°	16.0	14.3	12.6	10.9	9.2	7.4	5.7	4.0	2.9	2.3
0.0	30°	13.7	12.0	10.3	8.6	6.3	4.6	2.9	0.6	0.6	0.6
0.0	32.5°	11.4	9.7	7.4	5.7	4.6	2.9	1.7	0.0	0.0	0.0
0.0	35°	9.2	7.4	5.2	3.4	2.9	1.7	1.1	0.0	0.0	0.0
0.0	37.5°	8.0	6.3	4.0	1.7	1.1	1.1	0.6	0.0	0.0	0.0
0.0	40°	7.4	5.2	2.9	0.6	0.6	0.6	0.0	0.0	0.0	0.0
0.0	42.5°	7.4	5.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	7.4	5.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	7.4	5.2	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	8.0	5.7	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	9.2	6.9	4.6	2.3	1.7	1.1	0.6	0.0	0.0	0.0
0.0	55°	11.4	10.3	8.6	7.4	5.7	4.0	1.7	0.0	0.0	0.0
0.0	57.5°	14.9	14.9	14.3	13.7	10.3	6.9	3.4	0.0	0.0	0.0
0.0	60°	20.0	20.0	20.0	20.0	14.9	10.3	5.2	0.0	0.0	0.0
0.0	62.5°	24.6	23.5	21.8	20.6	15.5	10.3	5.2	0.0	0.0	0.0
0.0	65°	24.6	22.3	19.5	16.6	12.6	8.6	4.0	0.0	0.0	0.0
0.0	67.5°	22.9	18.3	13.2	8.6	6.3	4.6	2.3	0.0	0.0	0.0
	70°	22.9	16.0	9.2	2.3	1.7	1.1	0.6	0.0	0.0	0.0
	72.5°	22.9	15.5	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	25.2	17.2	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	25.2	17.2	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	22.3	14.9	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	7.4	5.2	2.3	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°	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
0.0	2.5°	25.8	25.8	25.8	25.2	25.2	25.2	25.2	24.6	24.6	24.6
0.0	5°	23.5	23.5	22.9	22.9	22.3	22.3	21.8	21.8	21.2	21.2
0.0	7.5°	21.8	21.2	21.2	20.6	20.0	20.0	19.5	19.5	18.9	18.3
0.0	10°	20.0	19.5	19.5	18.9	18.3	17.7	17.7	17.2	16.6	16.0
0.0	12.5°	18.3	17.7	17.2	16.6	16.0	15.5	15.5	14.9	14.3	13.7
0.0	15°	16.0	15.5	14.9	14.3	13.7	13.2	13.2	12.6	12.0	11.4
0.0	17.5°	13.7	13.2	13.2	12.6	12.0	11.4	10.9	9.7	9.2	8.6
0.0	20°	10.3	9.7	9.2	8.6	8.0	6.9	6.3	5.2	4.0	3.4
0.0	22.5°	6.9	5.7	5.2	4.0	2.9	2.3	1.7	0.6	0.0	0.0
0.0	25°	2.3	1.7	1.1	0.6	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: GALN-SA2C-940-U-RBC

[illegible]

REPORT NUMBER: P1049395

CATALOG NUMBER: GALN-SA2C-940-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
0.0	2.5°	24.0	24.0	24.0	23.5	23.5	23.5	23.5	23.5	23.5	23.5
0.0	5°	20.6	20.6	20.6	20.0	20.0	19.5	19.5	19.5	18.9	18.9
0.0	7.5°	17.7	17.2	17.2	16.6	16.6	16.0	16.0	16.0	15.5	15.5
0.0	10°	14.9	14.3	14.3	13.7	13.7	13.2	13.2	12.6	12.6	12.0
0.0	12.5°	13.2	12.6	12.0	11.4	11.4	10.9	10.3	10.3	9.7	9.2
0.0	15°	10.3	9.7	9.2	8.6	8.0	7.4	6.9	6.9	6.3	5.7
0.0	17.5°	6.9	5.7	5.2	4.6	4.6	4.0	3.4	2.9	2.3	1.7
0.0	20°	1.7	1.1	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049395

CATALOG NUMBER: GALN-SA2C-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049395

CATALOG NUMBER: GALN-SA2C-940-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°	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
0.0	2.5°	23.5	22.9	22.9	22.9	23.5	23.5	23.5	23.5	23.5	23.5
0.0	5°	18.9	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
0.0	7.5°	15.5	14.9	14.9	14.9	14.9	14.3	14.3	14.3	14.3	14.3
0.0	10°	12.0	11.4	11.4	11.4	11.4	10.9	10.9	10.9	10.9	10.9
0.0	12.5°	8.6	8.6	8.0	8.0	8.0	7.4	7.4	7.4	7.4	6.9
0.0	15°	5.2	4.6	4.0	4.0	4.0	3.4	3.4	3.4	3.4	2.9
0.0	17.5°	1.1	1.1	0.6	0.6	0.6	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: P1049395

CATALOG NUMBER: GALN-SA2C-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049395

CATALOG NUMBER: GALN-SA2C-940-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
0.0	2.5°	24.0	24.0	24.6	24.6	25.2	26.3	26.9	27.5	28.6	29.8
0.0	5°	18.9	19.5	19.5	20.0	20.6	21.2	21.8	22.3	23.5	24.6
0.0	7.5°	14.9	14.9	15.5	15.5	16.0	17.2	17.7	18.3	19.5	21.2
0.0	10°	11.4	11.4	12.0	12.0	12.6	13.7	14.3	14.9	16.0	17.7
0.0	12.5°	7.4	8.0	8.0	8.6	9.2	10.3	10.9	11.4	12.6	13.7
0.0	15°	3.4	4.0	4.0	4.6	5.2	6.3	6.9	7.4	8.6	10.3
0.0	17.5°	0.6	0.6	1.1	1.1	1.7	2.3	2.9	3.4	5.2	6.3
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.3
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
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: P1049395

CATALOG NUMBER: GALN-SA2C-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049395

CATALOG NUMBER: GALN-SA2C-940-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°	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
0.0	2.5°	31.5	32.6	33.8	34.9	36.1	37.2	37.8	38.9	39.5	40.1
0.0	5°	26.9	28.0	29.8	30.9	32.1	33.2	34.3	34.9	35.5	36.1
0.0	7.5°	23.5	24.6	26.3	27.5	28.6	29.8	30.9	32.1	32.6	33.2
0.0	10°	20.0	21.8	22.9	24.6	25.8	26.9	28.0	29.2	30.3	30.9
0.0	12.5°	16.0	17.7	19.5	20.6	22.3	24.0	25.2	26.3	27.5	28.6
0.0	15°	12.6	14.3	16.0	17.2	18.9	20.6	22.3	23.5	24.6	25.8
0.0	17.5°	9.2	10.9	12.6	13.7	15.5	17.2	18.3	20.0	21.2	22.3
0.0	20°	4.6	6.3	8.0	9.7	11.4	13.2	14.3	16.0	17.2	18.3
0.0	22.5°	0.6	2.3	4.0	5.2	6.9	8.6	9.7	11.4	12.6	13.7
0.0	25°	0.0	0.6	1.7	2.3	2.9	4.0	5.2	6.3	7.4	8.6
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.6	1.1	2.3	3.4	4.6
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
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	0.6
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	1.1
	85°	0.0	0.0	0.0	0.0	0.0	1.1	1.7	2.9	3.4	4.0
	87.5°	0.0	0.6	1.1	1.7	2.3	3.4	4.6	5.7	6.3	6.9
	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: P1049395

CATALOG NUMBER: GALN-SA2C-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049395

CATALOG NUMBER: GALN-SA2C-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
0.0	2.5°	40.6	40.6	40.6	40.6	40.1	40.1	40.1	39.5	39.5	38.9
0.0	5°	37.2	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.2	37.2
0.0	7.5°	34.3	34.9	35.5	35.5	36.1	36.1	36.1	35.5	35.5	34.9
0.0	10°	32.6	33.2	33.2	33.8	33.8	33.8	33.8	33.8	33.8	33.8
0.0	12.5°	30.3	30.9	31.5	31.5	32.1	32.1	32.1	32.1	31.5	31.5
0.0	15°	27.5	28.6	29.2	29.8	29.8	30.3	30.3	30.3	30.3	30.3
0.0	17.5°	25.2	26.3	26.9	27.5	27.5	28.0	28.0	28.6	28.6	28.6
0.0	20°	20.6	21.8	22.3	23.5	24.0	24.6	25.2	25.8	25.8	26.3
0.0	22.5°	16.0	17.2	17.7	18.9	19.5	20.0	20.6	21.2	21.8	22.3
0.0	25°	11.4	12.6	13.2	14.3	14.9	15.5	16.0	16.6	16.6	17.2
0.0	27.5°	6.3	7.4	8.6	9.2	10.3	10.9	11.4	12.0	12.6	13.2
0.0	30°	2.9	3.4	4.0	5.2	5.7	6.3	6.9	8.0	8.6	9.2
0.0	32.5°	0.0	0.0	0.6	1.7	2.3	2.9	3.4	4.0	4.0	4.6
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.1	1.7	2.3
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°	1.1	1.1	1.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	82.5°	2.9	3.4	4.0	4.0	4.6	4.6	4.6	4.6	4.0	4.0
	85°	5.7	6.3	6.9	6.9	7.4	7.4	7.4	7.4	7.4	7.4
	87.5°	8.0	8.6	9.2	9.2	9.7	9.7	9.7	9.7	9.7	9.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049395

CATALOG NUMBER: GALN-SA2C-940-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
33.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	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											
1.7											
4.0											
7.4											
9.7											
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REPORT NUMBER: P1049395

CATALOG NUMBER: GALN-SA2C-940-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°	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
0.0	2.5°	38.4	38.4	37.8	37.8	37.8	37.8	37.8	38.4	38.9	38.9
0.0	5°	36.6	36.6	36.1	36.1	36.1	36.6	36.6	37.2	37.8	38.4
0.0	7.5°	34.9	34.3	34.3	34.9	34.9	35.5	35.5	36.1	36.6	37.2
0.0	10°	33.8	33.2	33.2	33.2	33.8	33.8	34.3	34.9	35.5	36.1
0.0	12.5°	31.5	31.5	31.5	31.5	32.1	32.1	32.6	33.2	34.3	34.9
0.0	15°	30.3	29.8	29.8	29.8	29.8	30.3	30.3	31.5	32.6	33.2
0.0	17.5°	28.0	28.0	27.5	27.5	28.0	28.0	28.6	29.8	30.9	31.5
0.0	20°	25.8	25.2	24.6	24.6	25.2	25.2	25.8	26.9	28.0	28.6
0.0	22.5°	22.3	21.8	21.8	21.8	21.8	22.3	22.3	23.5	25.2	26.3
0.0	25°	17.7	18.3	18.3	18.9	18.9	19.5	20.0	21.2	22.9	24.0
0.0	27.5°	13.7	14.3	14.3	15.5	16.0	16.6	17.2	18.9	20.6	21.8
0.0	30°	10.3	10.9	11.4	12.0	13.2	14.3	15.5	17.2	18.9	20.0
0.0	32.5°	6.3	7.4	8.0	9.2	10.3	11.4	12.6	14.3	16.6	18.3
0.0	35°	4.6	5.2	6.3	6.9	8.0	9.2	10.3	12.6	14.3	16.6
0.0	37.5°	2.3	3.4	4.6	5.7	6.9	8.0	9.2	11.4	13.7	15.5
0.0	40°	1.7	2.9	3.4	4.6	6.3	7.4	8.6	10.9	13.2	15.5
0.0	42.5°	1.1	1.7	2.3	4.0	5.2	6.9	8.6	10.9	13.2	15.5
0.0	45°	1.1	1.1	1.7	3.4	5.2	7.4	9.2	11.4	13.2	15.5
0.0	47.5°	1.1	1.7	2.3	4.6	5.7	7.4	9.2	10.9	13.2	14.9
0.0	50°	1.7	2.3	2.9	5.2	6.3	8.0	9.2	11.4	13.2	15.5
0.0	52.5°	1.1	1.7	2.3	4.6	6.3	8.6	10.3	12.6	14.9	16.6
0.0	55°	0.6	0.6	0.6	3.4	6.9	9.7	13.2	14.9	17.2	18.9
0.0	57.5°	0.0	0.0	0.0	2.3	6.9	10.9	14.9	17.2	19.5	21.2
0.0	60°	0.0	0.0	0.0	2.3	6.9	10.9	14.9	17.7	20.6	23.5
0.0	62.5°	0.0	0.0	0.0	2.3	5.7	9.2	12.6	17.2	22.3	26.9
0.0	65°	0.0	0.0	0.0	1.7	4.6	7.4	10.3	17.2	24.0	30.3
0.0	67.5°	0.0	0.0	0.0	1.7	4.6	6.9	9.7	17.2	24.0	31.5
	70°	0.0	0.0	0.0	1.7	4.6	7.4	10.3	17.2	24.0	30.9
	72.5°	0.0	0.0	0.0	1.7	5.2	8.0	11.4	17.2	22.9	28.6
	75°	0.0	0.0	0.0	2.3	5.2	8.6	12.0	17.2	22.3	26.9
	77.5°	0.0	0.0	0.0	1.7	5.2	8.0	11.4	16.6	21.8	26.3
	80°	1.7	1.1	1.1	2.9	5.2	7.4	9.7	14.9	20.6	25.8
	82.5°	3.4	3.4	2.9	4.0	5.2	6.9	8.6	13.2	18.3	22.9
	85°	6.9	6.9	6.3	6.9	6.9	7.4	8.0	10.3	12.6	14.9
	87.5°	9.2	9.2	8.6	8.6	8.6	8.0	8.0	8.0	8.0	7.4
	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: P1049395

CATALOG NUMBER: GALN-SA2C-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
33.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.8											
34.3											
32.1											
31.5											
30.9											
27.5											
17.2											
7.4											
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REPORT NUMBER: P1049395

CATALOG NUMBER: GALN-SA2C-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
0.0	2.5°	40.1	40.6	40.6	41.2	41.8	42.4	42.4	42.9	42.9	42.9
0.0	5°	39.5	40.6	41.2	41.8	42.4	42.9	43.5	44.1	44.6	44.6
0.0	7.5°	38.9	39.5	40.6	41.2	42.4	42.9	44.1	44.6	45.2	45.8
0.0	10°	37.8	38.9	40.1	41.2	42.4	43.5	44.6	45.8	46.9	47.5
0.0	12.5°	36.6	38.4	39.5	40.6	42.4	44.1	45.2	46.9	48.1	49.2
0.0	15°	36.1	37.2	38.9	40.1	42.4	44.6	46.4	48.7	50.9	52.7
0.0	17.5°	34.3	36.6	38.4	40.1	42.4	45.2	47.5	49.8	53.2	56.7
0.0	20°	32.1	33.8	36.1	37.8	41.2	44.1	47.5	50.4	55.5	60.7
0.0	22.5°	29.8	32.1	33.8	36.1	40.1	43.5	47.5	50.9	59.5	67.5
0.0	25°	27.5	30.3	32.6	34.9	39.5	44.1	48.7	53.2	67.5	81.9
0.0	27.5°	26.3	28.6	31.5	33.8	39.5	45.8	51.5	57.2	80.1	102.5
0.0	30°	24.6	27.5	29.8	32.6	40.1	47.5	54.9	62.4	97.3	132.2
0.0	32.5°	22.9	25.8	28.6	31.5	41.2	50.9	60.1	69.8	115.6	160.8
0.0	35°	21.2	24.6	27.5	30.3	42.9	56.1	68.7	81.3	132.2	182.6
0.0	37.5°	20.6	24.0	26.9	29.8	43.5	56.7	70.4	83.6	133.9	184.3
0.0	40°	21.2	24.0	27.5	30.3	41.8	53.2	64.1	75.6	128.2	180.3
0.0	42.5°	21.2	24.6	28.0	31.5	40.6	49.8	59.0	68.1	126.5	184.9
0.0	45°	20.6	24.0	27.5	30.9	39.5	47.5	56.1	64.1	136.8	208.9
0.0	47.5°	20.0	23.5	26.9	30.3	38.9	47.5	56.1	64.7	176.9	288.5
0.0	50°	20.0	23.5	26.3	29.2	39.5	50.4	60.7	71.0	257.6	443.6
0.0	52.5°	21.2	24.0	26.3	28.6	40.6	53.2	65.3	77.3	327.4	577.0
0.0	55°	22.9	24.6	26.9	28.6	43.5	57.8	72.7	87.0	348.6	610.2
0.0	57.5°	25.2	26.9	28.6	30.3	48.7	67.0	84.7	103.0	350.3	597.0
0.0	60°	28.0	30.3	32.1	33.8	53.2	73.3	92.7	112.2	317.1	521.5
0.0	62.5°	34.3	37.2	39.5	42.4	61.2	79.6	98.5	116.8	263.3	409.8
0.0	65°	39.5	41.8	44.1	46.4	64.7	83.6	101.9	120.2	223.2	326.3
0.0	67.5°	40.6	42.9	44.6	46.9	65.8	84.7	103.0	121.9	191.2	259.9
	70°	41.2	44.1	47.5	50.4	69.8	89.3	108.2	127.6	169.4	211.2
	72.5°	39.5	45.2	50.4	55.5	73.8	91.6	109.9	127.6	157.4	187.2
	75°	39.5	47.5	54.9	62.4	76.1	89.3	103.0	116.2	139.1	162.0
	77.5°	41.8	52.1	62.4	72.7	80.7	88.1	96.2	103.6	118.5	133.4
	80°	41.8	52.7	63.0	73.8	77.3	81.3	84.7	88.1	89.9	91.6
	82.5°	36.1	44.6	53.2	61.8	57.8	53.8	49.8	45.8	42.9	39.5
	85°	18.3	20.0	21.2	22.3	20.6	18.9	17.2	15.5	14.3	12.6
	87.5°	7.4	7.4	6.9	6.9	6.9	6.9	6.3	6.3	6.3	6.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049395

CATALOG NUMBER: GALN-SA2C-940-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
33.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
229.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
286.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
354.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
384.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
441.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
555.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
847.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1297.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1633.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1670.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1507.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1289.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1007.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
761.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
562.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
397.8											
295.9											
215.2											
162.0											
91.0											
41.2											
12.0											
5.7											
0.0											
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REPORT NUMBER: P1049395

CATALOG NUMBER: GALN-SA2C-940-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°	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
0.0	2.5°	42.9	42.4	42.4	41.8	41.2	40.6	40.1	39.5	38.9	38.4
0.0	5°	44.6	44.6	44.6	44.1	44.1	43.5	43.5	42.9	42.4	41.8
0.0	7.5°	46.4	46.9	46.9	47.5	47.5	47.5	47.5	46.9	46.9	46.9
0.0	10°	49.2	49.8	50.4	50.9	51.5	52.1	52.1	52.7	52.7	52.7
0.0	12.5°	52.7	54.4	55.5	57.2	58.4	60.1	61.2	63.0	64.1	65.3
0.0	15°	57.8	60.7	64.1	67.0	69.8	73.8	78.4	82.4	86.4	92.7
0.0	17.5°	65.3	74.4	83.6	92.2	101.3	121.3	141.4	160.8	180.9	210.1
0.0	20°	79.6	107.0	133.9	161.4	188.3	258.7	328.6	399.0	468.8	543.8
0.0	22.5°	111.6	179.2	246.7	314.2	381.8	528.9	675.4	822.5	969.1	1141.4
0.0	25°	162.0	286.2	410.4	534.0	658.3	888.4	1119.0	1349.1	1579.2	1803.0
0.0	27.5°	235.8	425.9	615.9	805.4	995.4	1307.3	1619.9	1931.8	2243.8	2496.8
0.0	30°	326.8	584.4	842.0	1099.6	1357.1	1712.0	2066.9	2421.2	2776.1	3052.6
0.0	32.5°	412.7	728.1	1043.5	1358.3	1673.7	2077.8	2482.5	2886.6	3290.7	3592.9
0.0	35°	468.8	850.0	1231.8	1613.0	1994.2	2431.5	2868.8	3305.6	3742.9	4088.0
0.0	37.5°	524.9	965.1	1404.7	1844.8	2284.4	2764.7	3244.9	3725.1	4205.4	4631.8
0.0	40°	587.8	1104.1	1619.9	2136.2	2651.9	3220.9	3789.2	4358.2	4926.6	5528.2
0.0	42.5°	697.2	1334.8	1973.0	2610.7	3248.3	4001.0	4753.7	5505.9	6258.6	7117.1
0.0	45°	902.7	1801.3	2700.6	3599.2	4497.9	5495.0	6492.7	7489.8	8486.9	9629.4
0.0	47.5°	1405.8	2642.2	3878.0	5114.3	6350.1	7426.8	8502.9	9579.6	10655.7	11793.6
0.0	50°	2151.1	3590.1	5029.1	6467.5	7906.5	8880.7	9854.3	10828.6	11802.2	12884.6
0.0	52.5°	2690.3	4189.4	5689.0	7188.1	8687.2	9566.4	10446.2	11325.4	12204.6	13216.0
0.0	55°	2730.9	4221.4	5712.5	7203.0	8693.5	9576.7	10459.9	11343.1	12226.3	13298.4
0.0	57.5°	2417.8	3896.3	5374.2	6852.7	8330.6	9336.3	10341.4	11347.1	12352.3	13511.4
0.0	60°	2056.6	3535.7	5014.2	6493.2	7971.7	9130.3	10289.4	11447.9	12606.4	13692.2
0.0	62.5°	1604.4	3125.8	4647.8	6169.3	7690.7	8867.0	10043.2	11218.9	12395.2	13209.7
0.0	65°	1195.7	2673.1	4150.4	5627.2	7104.6	8046.7	8988.9	9930.5	10872.6	11376.9
0.0	67.5°	864.3	2138.5	3412.0	4686.2	5959.8	6634.0	7308.3	7982.0	8656.3	9042.1
	70°	584.4	1467.0	2349.1	3231.7	4113.8	4667.9	5222.5	5776.6	6330.7	6851.6
	72.5°	404.7	900.4	1396.6	1892.3	2388.0	2945.5	3502.5	4060.0	4616.9	5168.1
	75°	268.5	494.0	720.1	945.6	1171.1	1583.8	1997.1	2409.8	2822.5	3151.0
	77.5°	190.6	258.1	326.3	393.8	461.3	538.6	616.5	693.7	771.0	888.4
	80°	90.4	99.0	107.6	115.6	124.2	152.3	180.3	208.4	236.4	266.2
	82.5°	42.9	46.4	49.8	52.7	56.1	59.0	61.8	64.7	67.5	64.7
	85°	11.4	11.4	12.0	12.0	12.0	12.0	12.0	12.0	12.0	11.4
	87.5°	5.2	5.2	5.2	5.2	5.2	5.2	5.2	4.6	4.6	4.0
	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: P1049395

CATALOG NUMBER: GALN-SA2C-940-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
33.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
238.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
619.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1313.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2749.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3329.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3895.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4433.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5058.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6129.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7975.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10771.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12931.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13967.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14227.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14371.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14670.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14777.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14024.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11881.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9428.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7371.9											
5719.4											
3479.6											
1005.7											
295.9											
61.2											
10.9											
4.0											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1049395

CATALOG NUMBER: GALN-SA2C-940-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
0.0	2.5°	37.2	36.6	36.1	35.5	34.9	33.8	33.8	33.2	33.2
0.0	5°	40.6	40.1	39.5	38.9	38.9	38.4	37.8	37.8	37.2
0.0	7.5°	46.4	45.8	45.2	44.6	44.6	44.1	44.1	43.5	43.5
0.0	10°	53.2	53.2	53.2	53.2	53.2	52.7	52.7	52.7	52.1
0.0	12.5°	67.0	67.5	68.7	69.8	71.5	71.5	71.5	71.0	71.0
0.0	15°	105.9	112.2	116.8	121.3	125.4	134.5	133.4	131.7	130.5
0.0	17.5°	267.9	296.5	312.0	326.8	342.3	384.6	377.8	370.9	364.6
0.0	20°	694.3	769.3	819.1	868.9	919.3	998.8	979.4	959.9	940.4
0.0	22.5°	1485.4	1657.7	1732.6	1807.6	1882.0	1978.2	1915.8	1853.4	1791.6
0.0	25°	2250.1	2473.9	2600.4	2726.9	2852.8	2907.8	2826.5	2744.6	2663.4
0.0	27.5°	3002.8	3255.8	3367.4	3478.4	3590.1	3705.1	3604.4	3503.1	3402.3
0.0	30°	3606.1	3882.5	4003.3	4123.5	4244.3	4324.4	4220.3	4115.5	4011.3
0.0	32.5°	4197.9	4500.2	4632.4	4764.6	4896.3	5011.3	4883.1	4754.3	4626.1
0.0	35°	4777.8	5122.9	5304.9	5487.0	5669.0	5776.0	5623.8	5470.9	5318.7
0.0	37.5°	5485.3	5911.7	6115.5	6319.2	6523.0	6718.2	6550.5	6382.2	6214.5
0.0	40°	6731.4	7332.9	7645.5	7958.6	8271.1	8522.9	8311.2	8099.4	7887.6
0.0	42.5°	8834.3	9692.9	10142.3	10591.0	11040.3	11433.6	11210.9	10988.3	10765.6
0.0	45°	11914.4	13056.9	13604.7	14151.9	14699.7	14987.0	14666.5	14345.3	14024.8
0.0	47.5°	14068.9	15206.8	15694.5	16182.2	16669.8	16997.8	16605.7	16213.6	15822.1
0.0	50°	15048.8	16131.2	16620.6	17109.4	17598.8	17859.3	17406.5	16953.2	16500.4
0.0	52.5°	15238.3	16249.7	16833.5	17418.0	18001.8	18349.8	17815.2	17280.0	16745.4
0.0	55°	15443.2	16515.3	17192.4	17870.1	18547.3	19029.2	18424.8	17819.8	17215.3
0.0	57.5°	15829.0	16988.1	17663.5	18338.4	19013.8	19423.1	18816.9	18210.1	17604.0
0.0	60°	15863.3	16948.6	17529.0	18110.0	18690.4	18948.0	18368.1	17787.7	17207.9
0.0	62.5°	14839.3	15653.8	16056.8	16459.8	16862.7	17142.6	16537.6	15932.0	15327.0
0.0	65°	12386.0	12890.3	13211.4	13532.5	13853.7	14187.4	13633.3	13079.2	12525.1
0.0	67.5°	9814.3	10200.1	10623.1	11046.1	11469.1	11825.7	11382.1	10937.9	10494.3
	70°	7892.7	8413.0	8888.7	9364.4	9840.0	10131.9	9686.6	9240.7	8795.4
	72.5°	6270.6	6821.8	7219.0	7615.7	8012.9	8084.5	7757.1	7429.7	7102.8
	75°	3807.6	4136.1	4144.1	4151.6	4159.6	4227.7	3956.4	3685.1	3414.3
	77.5°	1123.0	1240.4	1337.1	1433.3	1530.0	1646.8	1547.2	1447.0	1347.4
	80°	325.1	354.9	380.1	404.7	429.9	415.0	391.5	368.0	344.6
	82.5°	58.4	54.9	54.4	53.8	53.8	50.9	46.4	41.8	37.2
	85°	10.3	9.7	9.2	8.6	8.0	7.4	6.3	5.7	4.6
	87.5°	3.4	2.9	2.3	1.7	1.7	0.6	0.6	0.6	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: P1049395

CATALOG NUMBER: GALN-SA2C-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049395

CATALOG NUMBER: GALN-SA2C-940-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°	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
0.0	0.0	2.5°	32.6	32.1	32.1	32.1	32.1	31.5	31.5	31.5	31.5
0.0	0.0	5°	36.1	36.1	35.5	35.5	34.9	34.9	34.3	34.3	33.8
0.0	0.0	7.5°	42.4	41.8	41.2	40.6	40.1	38.9	38.4	37.8	37.8
0.0	0.0	10°	50.9	49.8	49.2	48.1	47.5	46.4	45.2	44.1	42.9
0.0	0.0	12.5°	67.0	64.7	63.0	60.7	58.4	56.7	54.4	52.7	50.4
0.0	0.0	15°	116.2	110.5	104.2	96.7	88.7	81.3	73.3	68.7	63.5
0.0	0.0	17.5°	297.1	267.3	237.0	212.4	187.7	163.7	139.1	121.3	103.6
0.0	0.0	20°	756.1	673.7	591.3	510.0	428.2	346.9	265.0	223.8	182.6
0.0	0.0	22.5°	1423.0	1270.1	1116.7	968.5	819.7	671.4	523.2	429.9	337.1
0.0	0.0	25°	2196.3	2004.0	1811.6	1567.8	1323.4	1079.5	835.7	684.0	532.3
0.0	0.0	27.5°	2858.0	2636.4	2414.9	2118.4	1821.9	1525.4	1228.9	1002.8	777.3
0.0	0.0	30°	3430.9	3192.8	2954.7	2609.5	2264.4	1919.2	1574.1	1291.3	1008.6
0.0	0.0	32.5°	3927.8	3642.7	3357.7	3001.6	2645.6	2289.6	1933.5	1586.7	1239.8
0.0	0.0	35°	4500.7	4168.2	3835.0	3440.1	3044.6	2649.6	2254.7	1863.1	1471.1
0.0	0.0	37.5°	5228.8	4820.7	4412.0	3971.8	3531.7	3092.1	2651.9	2204.3	1756.7
0.0	0.0	40°	6622.6	6096.0	5569.4	5010.2	4450.4	3891.1	3331.9	2782.4	2232.9
0.0	0.0	42.5°	9120.0	8408.5	7697.0	6952.9	6208.2	5464.1	4719.4	3944.4	3168.8
0.0	0.0	45°	11938.4	11055.8	10172.6	9337.5	8501.8	7666.6	6831.5	5768.0	4704.5
0.0	0.0	47.5°	13523.4	12570.3	11617.3	10826.8	10036.4	9245.9	8455.4	7308.9	6162.4
0.0	0.0	50°	14106.7	13136.4	12166.2	11438.7	10710.6	9983.1	9255.0	8106.8	6958.0
0.0	0.0	52.5°	14230.9	13241.2	12251.5	11519.4	10787.3	10055.8	9323.7	8182.9	7042.2
0.0	0.0	55°	14486.2	13424.4	12362.0	11527.4	10692.9	9858.3	9023.8	7864.7	6705.6
0.0	0.0	57.5°	14819.9	13731.2	12642.5	11691.7	10741.0	9790.8	8840.1	7572.8	6305.5
0.0	0.0	60°	14732.3	13785.0	12837.1	11818.8	10799.9	9781.6	8762.8	7369.0	5974.7
0.0	0.0	62.5°	13212.0	12457.6	11702.6	10865.2	10027.2	9189.8	8352.4	6917.4	5482.4
0.0	0.0	65°	10869.2	10318.6	9767.9	9094.2	8419.9	7746.2	7072.5	5785.8	4499.6
0.0	0.0	67.5°	8809.1	8188.7	7567.6	7030.7	6493.2	5956.3	5418.9	4406.3	3393.7
		70°	6998.7	6323.8	5648.4	5124.1	4599.2	4074.9	3550.6	2877.4	2204.9
		72.5°	5557.9	4949.5	4341.0	3781.8	3222.0	2662.8	2103.0	1705.2	1307.3
		75°	2656.5	2413.2	2169.9	1877.5	1585.0	1292.5	1000.0	826.5	653.7
		77.5°	984.5	853.4	721.8	602.7	483.7	365.2	246.1	225.5	204.9
		80°	254.7	222.1	188.9	165.4	141.4	117.9	94.4	85.3	76.7
		82.5°	29.2	26.9	25.2	24.0	22.3	21.2	19.5	17.7	16.0
		85°	1.7	1.1	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



REPORT NUMBER: P1049395
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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049395

CATALOG NUMBER: GALN-SA2C-940-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	33.2	33.2
0.0	0.0	2.5°	30.9	30.3
0.0	0.0	5°	32.6	32.1
0.0	0.0	7.5°	36.1	34.9
0.0	0.0	10°	39.5	38.4
0.0	0.0	12.5°	44.6	42.9
0.0	0.0	15°	50.4	46.9
0.0	0.0	17.5°	60.1	52.7
0.0	0.0	20°	81.3	62.4
0.0	0.0	22.5°	114.5	77.8
0.0	0.0	25°	168.3	107.6
0.0	0.0	27.5°	234.1	143.1
0.0	0.0	30°	311.4	179.2
0.0	0.0	32.5°	379.5	213.5
0.0	0.0	35°	468.2	248.4
0.0	0.0	37.5°	577.5	293.1
0.0	0.0	40°	747.0	360.6
0.0	0.0	42.5°	1052.1	485.4
0.0	0.0	45°	1708.6	839.1
0.0	0.0	47.5°	2629.0	1388.1
0.0	0.0	50°	3216.3	1771.6
0.0	0.0	52.5°	3264.4	1768.7
0.0	0.0	55°	2979.9	1572.4
0.0	0.0	57.5°	2542.6	1314.2
0.0	0.0	60°	2113.3	1039.5
0.0	0.0	62.5°	1665.1	717.8
0.0	0.0	65°	1216.9	507.7
0.0	0.0	67.5°	874.0	379.5
		70°	574.7	290.8
		72.5°	374.3	237.0
		75°	251.9	196.3
		77.5°	147.1	130.5
		80°	52.1	45.8
		82.5°	9.7	6.9
		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: P1049395

CATALOG NUMBER: GALN-SA2C-940-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: SP1-2407-184-16

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-940-U-5WQ

Data in this report applies to families of products including GSS-SB1A-940-U-5WQ

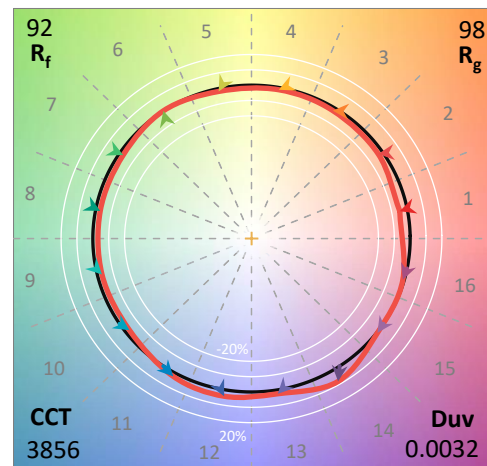
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-16
 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-940-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3856
 CIE u' : 0.2261
 CIE v' : 0.5084
 Duv: 0.0032
 CIE x: 0.3896
 CIE y: 0.3894
 CIE z: 0.2211
 Peak Wavelength (nm): 614
 Dominant Wavelength (nm): 578
 Purity: 33.77304
 R_f: 91.8
 R_g: 98.4

CRI (Ra): 92.1
 R1: 91.8
 R2: 94.1
 R3: 95.3
 R4: 92.8
 R5: 91.0
 R6: 91.6
 R7: 95.0
 R8: 85.2
 R9: 60.7
 R10: 85.2
 R11: 92.4
 R12: 74.5
 R13: 92.3
 R14: 97.0
 R15: 88.5



Test Conditions

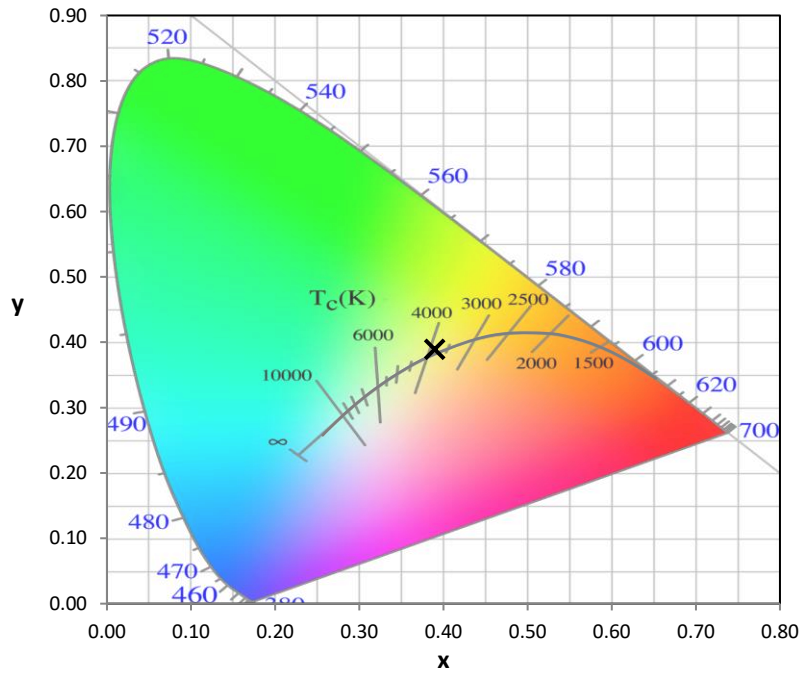
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

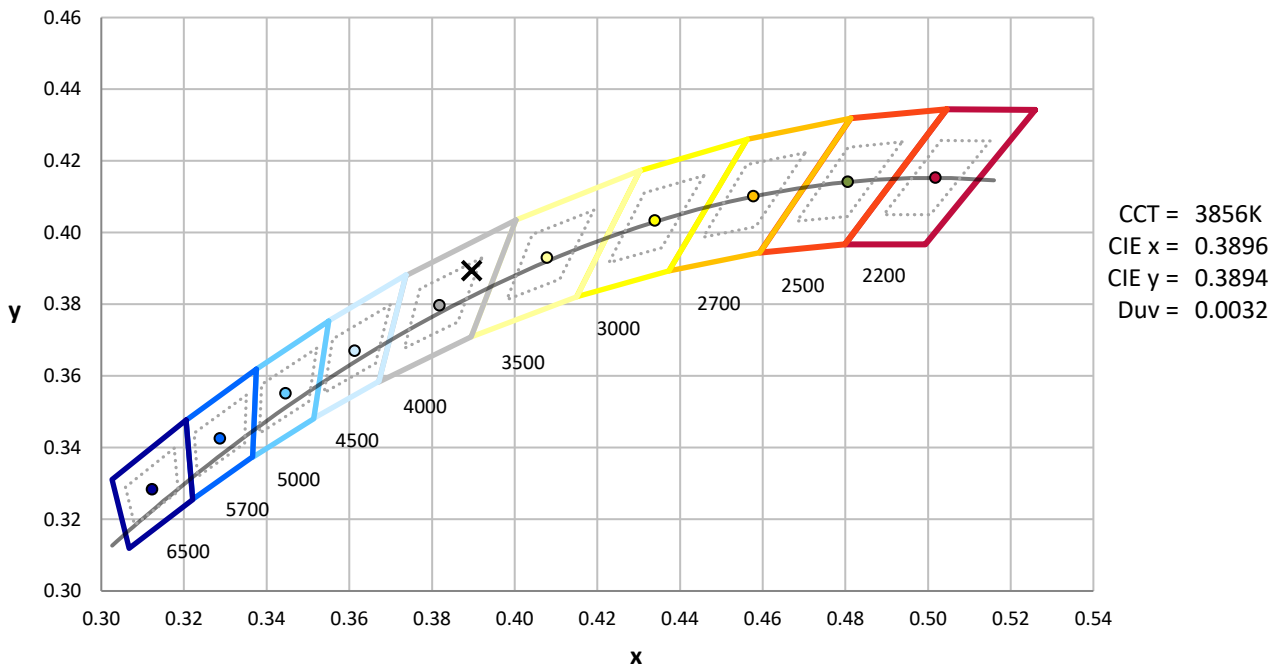
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



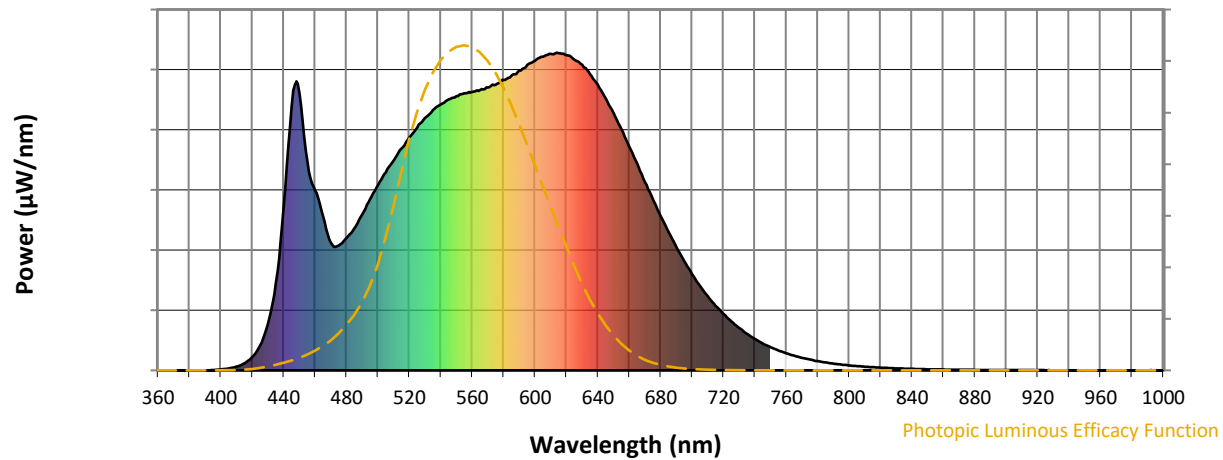
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

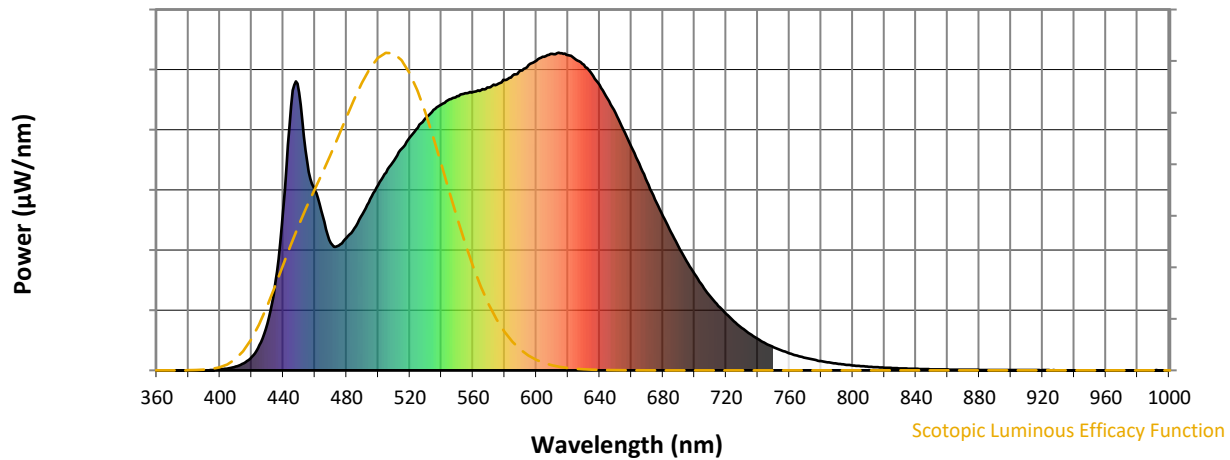


Photopic Lumens: NR

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



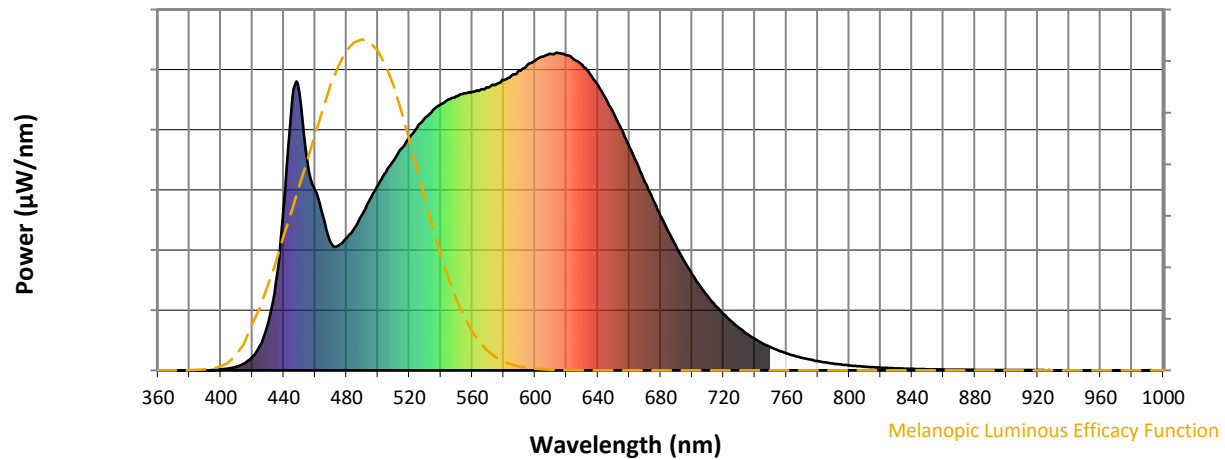
Scotopic Lumens: NR

S/P: 1.72

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

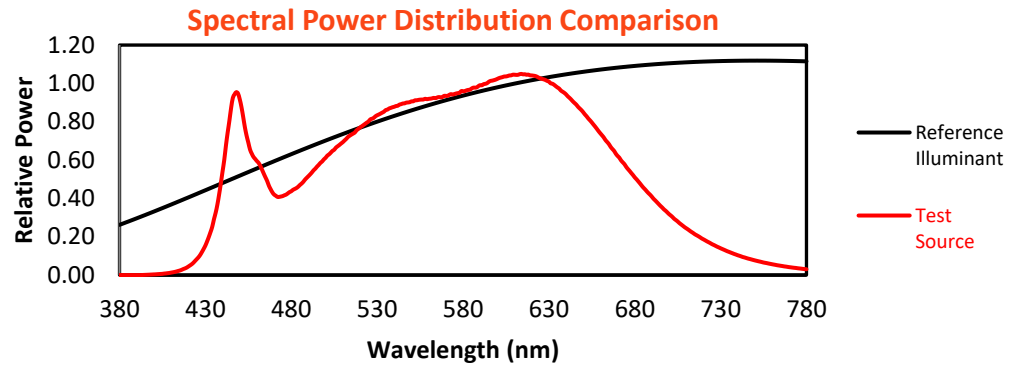
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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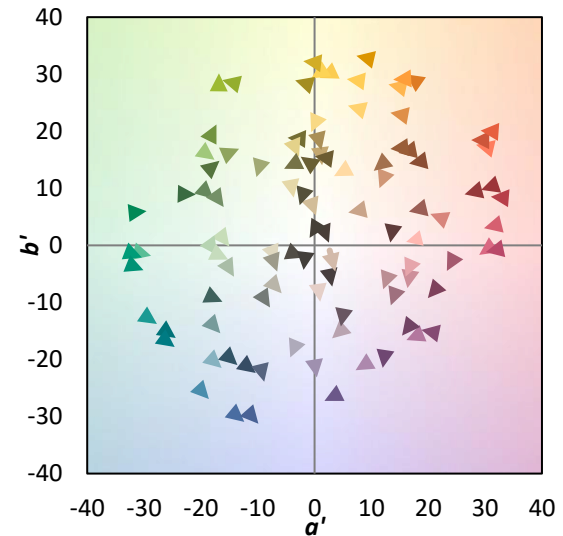
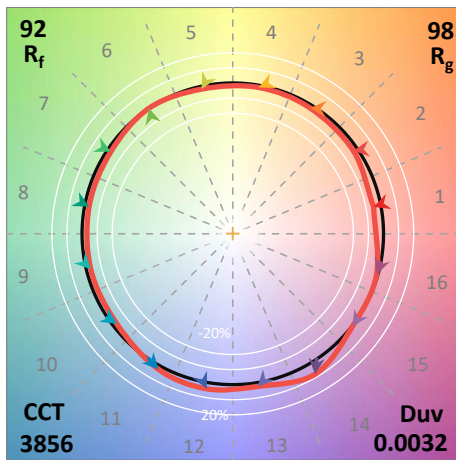
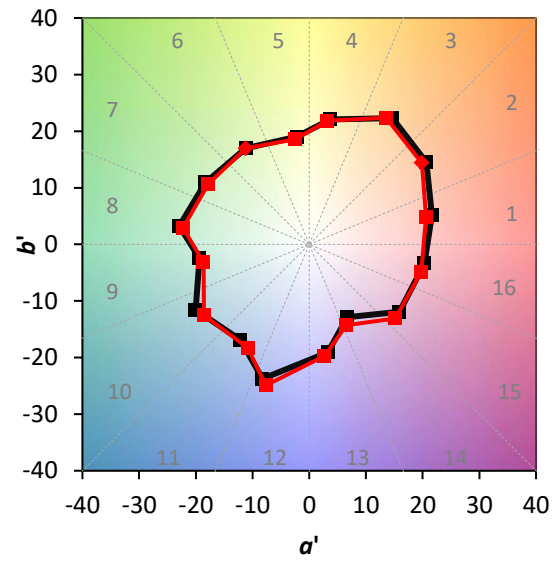
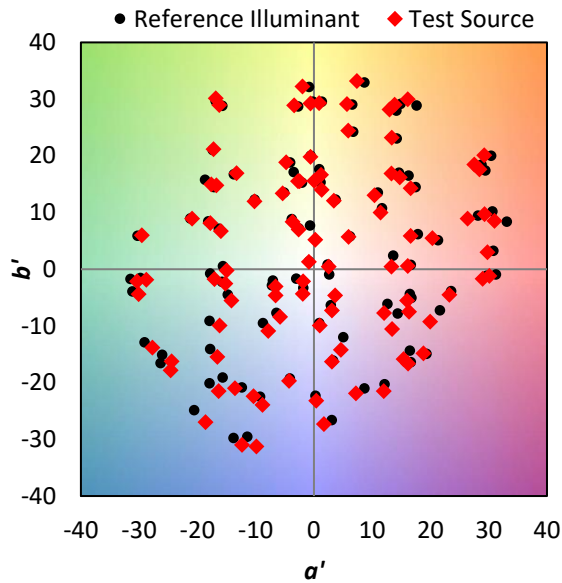
TM-30-18

Summary

$R_f = 91.8$
 $R_g = 98.4$
 $CIE R_a = 92.1$
 $R_9 = 60.7$

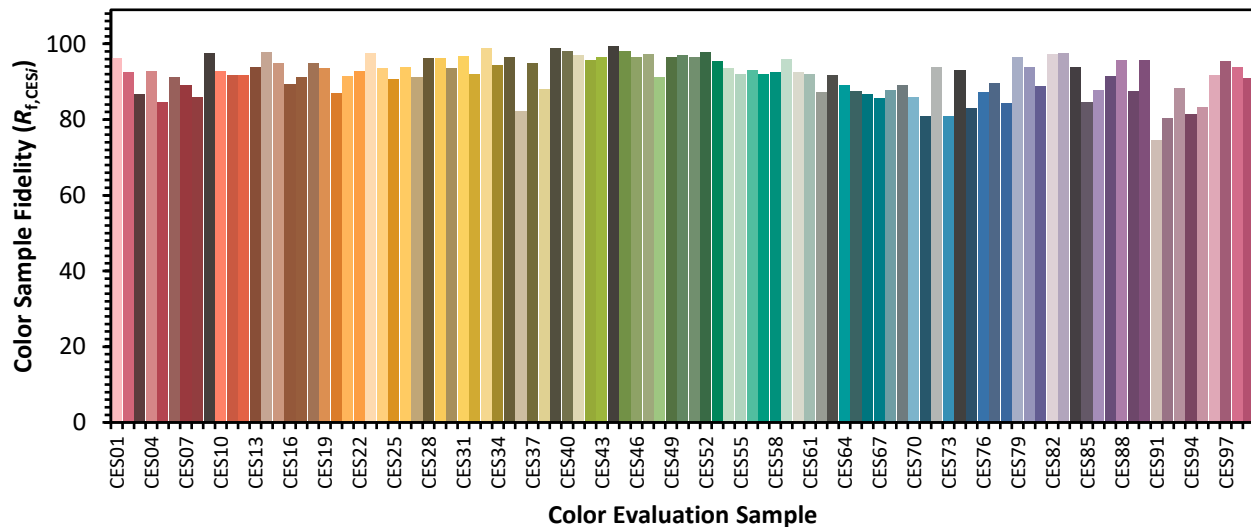


Color Vector Graphics

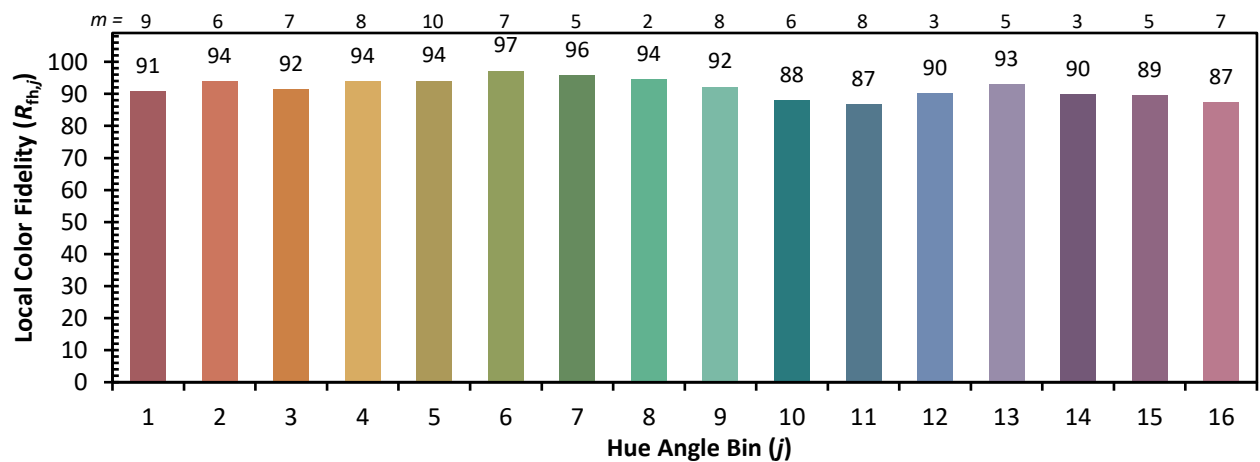
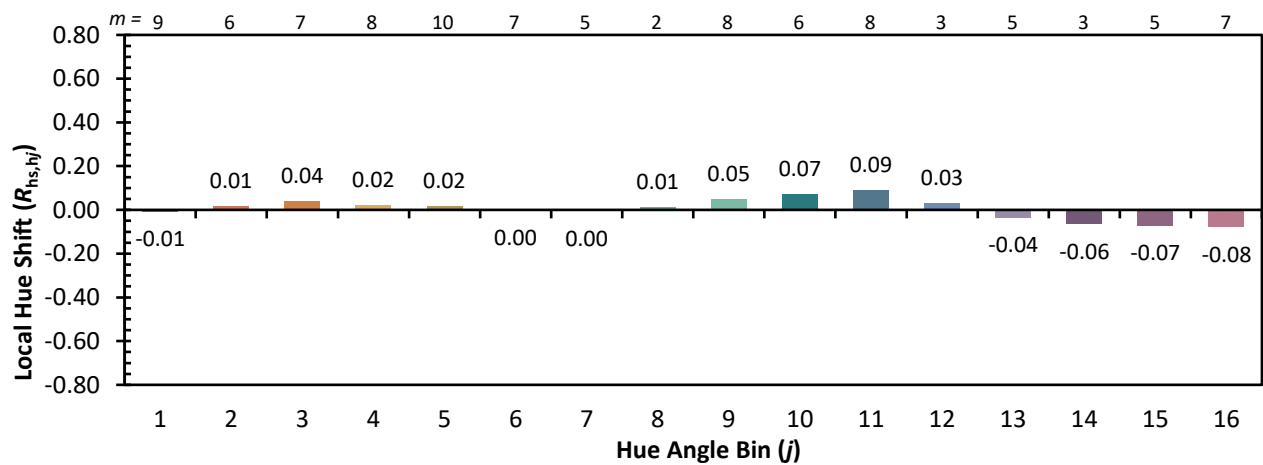
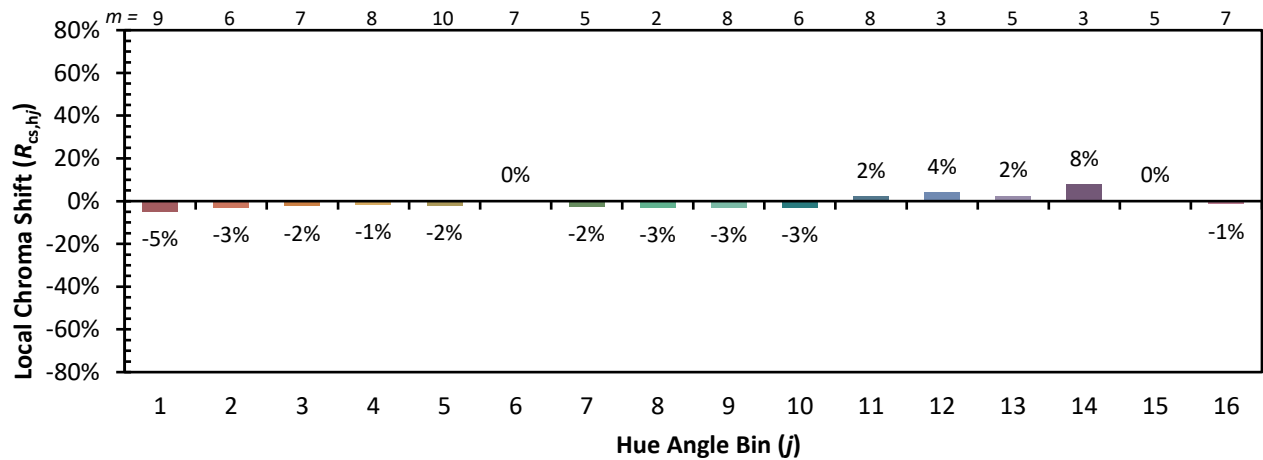


Individual Sample Fidelity Index ($R_{f,i}$)

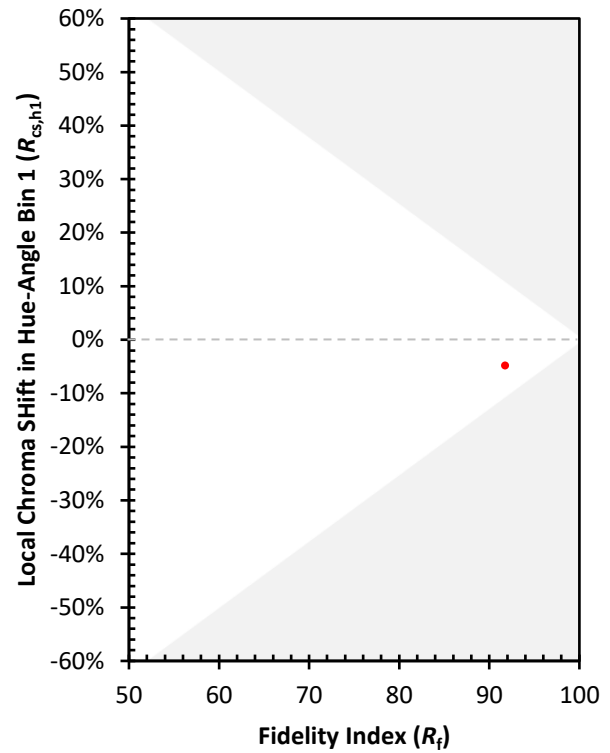
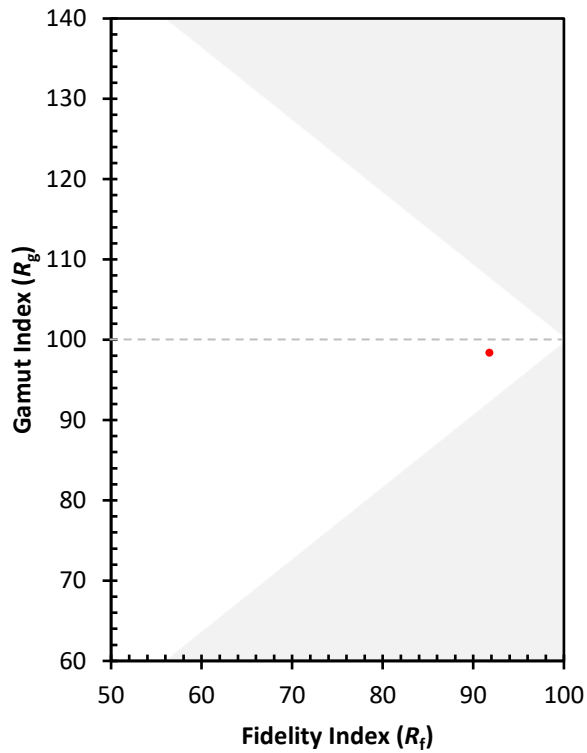
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 85
CES11 = 57	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 87	CES91 = 74
CES17 = 49	CES42 = 96	CES67 = 86	CES92 = 80
CES18 = 56	CES43 = 96	CES68 = 88	CES93 = 88
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 82
CES20 = 66	CES45 = 98	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 91	CES73 = 81	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 93	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 83	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)