

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: P1049397

Luminaire Tested: **GALN-SA3A-940-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049397
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3A-940-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
90CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 7321.2 lumens
Efficiency: N/A
Efficacy: 89.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

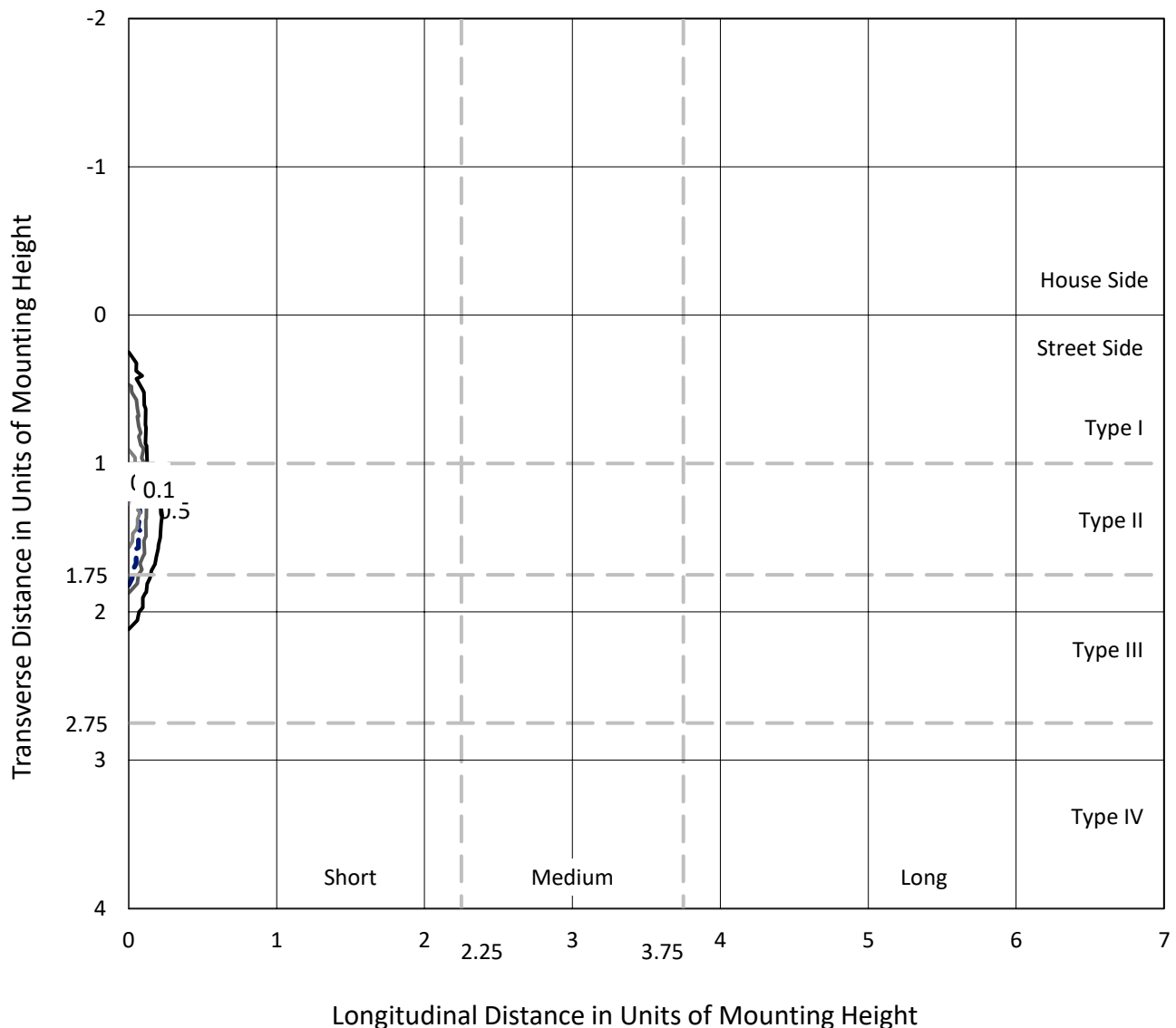
Input Watts (W): 81.4
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

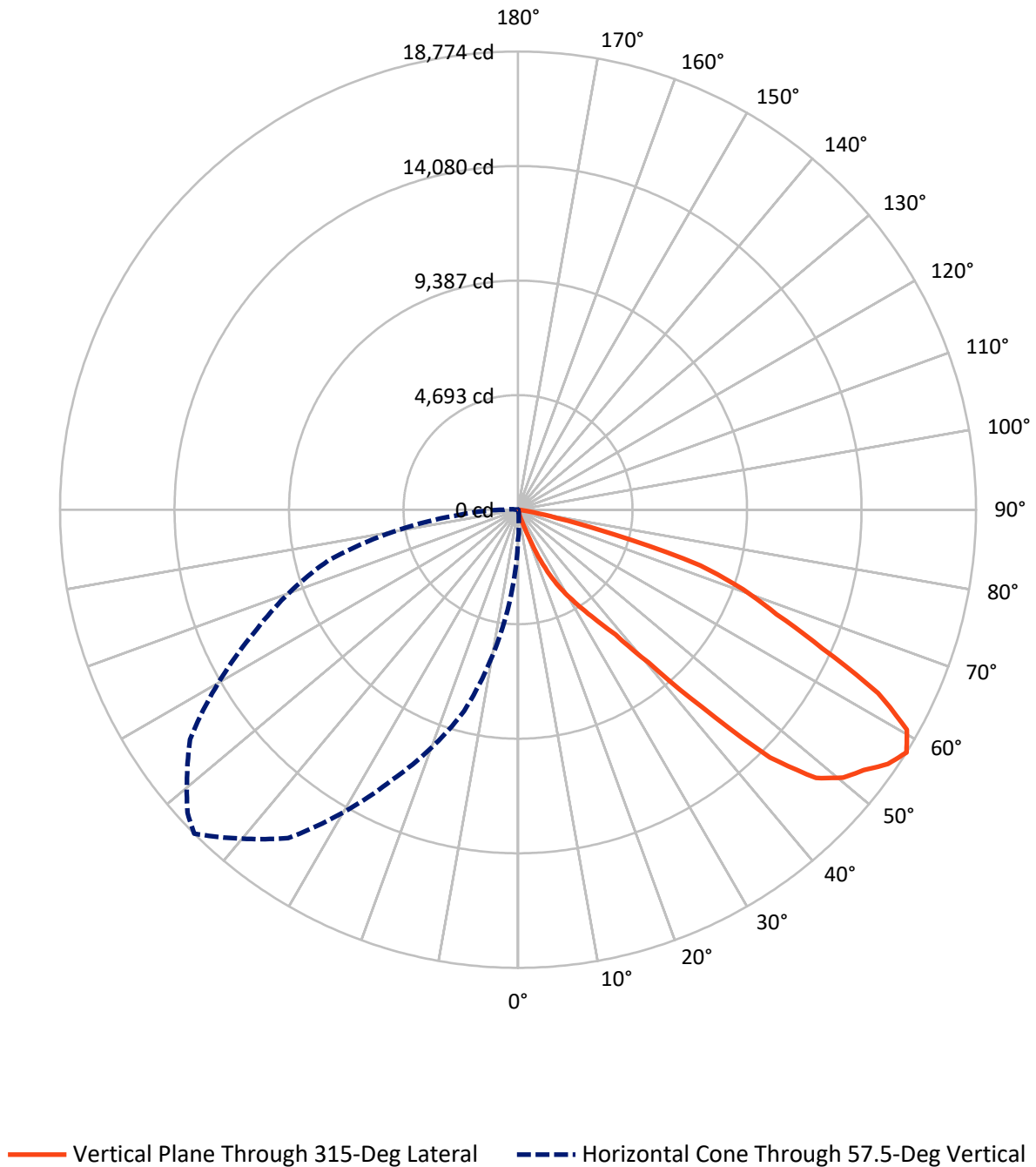


Based on 20 foot mounting height. Maximum calculated value = 1.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	36.7	0.0	36.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	7284.5	0.0	7284.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	7321.2	0.0	7321.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.9	0.0
10°-20°	16.1	0.2
20°-30°	173.5	2.4
30°-40°	513.1	7.0
40°-50°	1529.1	20.9
50°-60°	2424.6	33.1
60°-70°	2023.9	27.6
70°-80°	624.1	8.5
80°-90°	13.9	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	7321.2	100.0
0°-180°	7321.2	100.0



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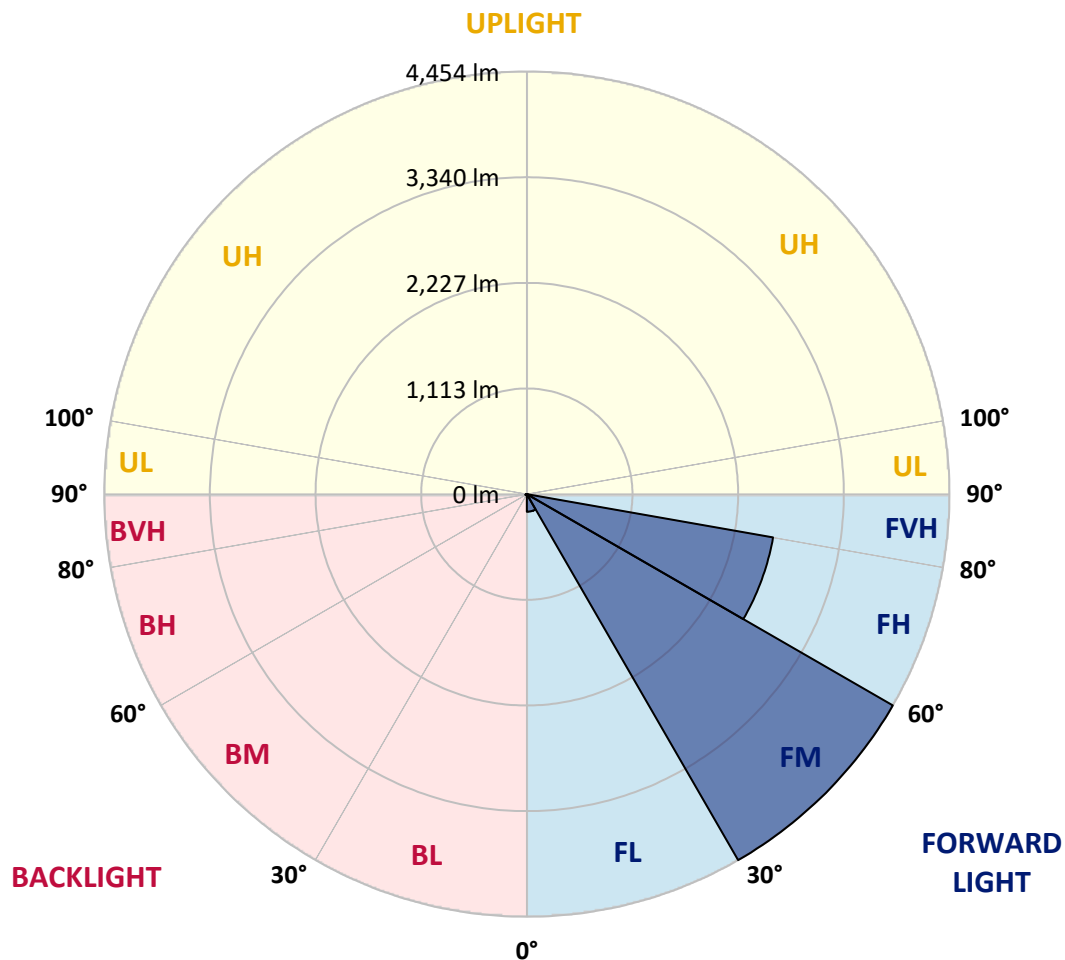
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	185.7	2.5			
FM	(30°-60°)	4453.7	60.8			
FH	(60°-80°)	2634.4	36.0			G2/5000
FVH	(80°-90°)	10.7	0.1			G1/100
BL	(0°-30°)	6.7	0.1	B0/110		
BM	(30°-60°)	13.1	0.2	B0/220		
BH	(60°-80°)	13.7	0.2	B0/110		G0/110
BVH	(80°-90°)	3.1	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°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
2.5°	29.3	29.3	29.3	29.3	28.8	28.8	28.2	28.2	27.7	27.7
5°	31.0	31.0	30.4	29.9	29.9	29.3	28.8	28.2	28.2	27.7
7.5°	33.7	33.2	32.6	32.1	31.0	30.4	29.3	28.8	28.2	27.1
10°	37.1	36.0	34.9	33.7	32.6	31.5	30.4	29.9	28.8	28.2
12.5°	41.5	39.8	37.6	36.0	34.9	33.2	32.1	31.0	29.3	28.2
15°	45.4	43.2	40.4	38.2	36.5	34.3	32.6	31.0	29.9	28.2
17.5°	50.9	47.0	42.6	39.8	37.6	34.9	32.1	30.4	28.8	26.6
20°	60.3	52.6	44.3	40.9	37.6	34.3	31.0	28.8	27.1	24.9
22.5°	75.2	62.0	48.7	43.7	39.3	34.3	29.9	27.7	25.4	23.2
25°	104.0	80.2	56.4	49.8	43.2	36.5	29.9	27.1	24.9	22.1
27.5°	138.3	102.9	66.9	57.5	48.7	39.3	29.9	26.6	23.8	20.5
30°	173.2	126.1	78.6	66.4	54.2	42.0	29.9	26.0	22.7	18.8
32.5°	206.4	147.7	88.5	74.1	59.8	44.8	30.4	26.0	21.6	17.2
35°	240.1	165.4	90.2	75.2	60.3	44.8	29.9	24.9	20.5	15.5
37.5°	283.3	185.3	86.9	71.9	57.5	42.6	28.2	23.8	19.4	14.4
40°	348.5	218.5	88.5	73.0	57.5	42.0	26.6	22.1	18.3	13.8
42.5°	469.2	282.7	95.7	78.0	60.3	42.0	24.3	20.5	17.2	13.3
45°	811.1	469.7	128.4	101.8	75.2	48.7	22.1	18.8	16.0	12.7
47.5°	1341.6	786.2	230.7	178.1	126.1	73.6	21.6	18.8	16.0	12.7
50°	1712.3	1001.4	290.5	223.5	156.6	89.6	22.7	19.4	16.6	13.3
52.5°	1709.6	1016.9	323.7	248.4	173.7	98.5	23.8	20.5	17.7	14.4
55°	1519.8	925.0	329.7	253.4	177.6	101.2	25.4	22.1	18.8	15.5
57.5°	1270.3	785.6	301.0	232.9	165.4	97.4	29.3	25.4	22.1	18.3
60°	1004.7	619.6	234.6	185.3	136.7	87.4	38.7	33.7	29.3	24.3
62.5°	693.8	449.2	204.7	164.3	124.5	84.1	44.3	39.3	34.9	29.9
65°	490.7	338.0	184.8	150.5	116.7	82.4	48.1	42.6	37.6	32.1
67.5°	366.8	268.9	170.4	141.1	111.8	82.4	53.1	46.5	40.4	33.7
70°	281.1	220.7	159.9	136.1	112.9	89.1	65.3	55.9	47.0	37.6
72.5°	229.0	188.7	147.7	130.6	113.4	96.3	79.1	66.9	54.8	42.0
75°	189.8	161.6	133.3	118.9	105.1	90.7	76.3	65.3	54.8	43.7
77.5°	126.1	115.1	103.5	95.2	86.9	78.0	69.7	60.3	51.5	42.0
80°	44.3	42.6	40.9	44.3	47.6	50.9	54.2	47.6	41.5	34.9
82.5°	6.6	6.1	5.5	6.1	6.6	7.2	7.7	8.3	8.9	9.4
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°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
0.0	2.5°	27.1	27.1	26.6	26.6	26.6	26.0	26.0	25.4	25.4	25.4
0.0	5°	26.6	26.6	26.0	25.4	24.9	24.9	24.3	23.8	23.8	23.2
0.0	7.5°	26.0	25.4	24.9	24.3	23.8	23.2	22.7	22.1	22.1	21.6
0.0	10°	26.6	25.4	24.9	23.8	23.2	22.7	21.6	21.0	20.5	20.5
0.0	12.5°	25.4	24.9	23.8	22.7	22.1	21.0	20.5	19.4	18.8	18.8
0.0	15°	25.4	24.3	22.7	21.6	20.5	19.9	18.8	17.7	17.2	16.6
0.0	17.5°	23.8	22.7	21.0	19.9	18.8	17.7	16.6	15.5	14.9	14.4
0.0	20°	21.6	20.5	18.8	17.2	16.0	14.9	13.8	12.7	12.2	11.6
0.0	22.5°	19.4	18.3	16.6	14.9	13.8	12.7	11.1	10.0	9.4	8.3
0.0	25°	18.3	16.6	14.9	13.3	11.6	10.5	8.9	7.2	6.1	5.0
0.0	27.5°	15.5	13.8	12.2	10.5	8.9	7.2	5.5	3.9	2.8	2.2
0.0	30°	13.3	11.6	10.0	8.3	6.1	4.4	2.8	0.6	0.6	0.6
0.0	32.5°	11.1	9.4	7.2	5.5	4.4	2.8	1.7	0.0	0.0	0.0
0.0	35°	8.9	7.2	5.0	3.3	2.8	1.7	1.1	0.0	0.0	0.0
0.0	37.5°	7.7	6.1	3.9	1.7	1.1	1.1	0.6	0.0	0.0	0.0
0.0	40°	7.2	5.0	2.8	0.6	0.6	0.6	0.0	0.0	0.0	0.0
0.0	42.5°	7.2	5.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	7.2	5.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	7.2	5.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	7.7	5.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	8.9	6.6	4.4	2.2	1.7	1.1	0.6	0.0	0.0	0.0
0.0	55°	11.1	10.0	8.3	7.2	5.5	3.9	1.7	0.0	0.0	0.0
0.0	57.5°	14.4	14.4	13.8	13.3	10.0	6.6	3.3	0.0	0.0	0.0
0.0	60°	19.4	19.4	19.4	19.4	14.4	10.0	5.0	0.0	0.0	0.0
0.0	62.5°	23.8	22.7	21.0	19.9	14.9	10.0	5.0	0.0	0.0	0.0
0.0	65°	23.8	21.6	18.8	16.0	12.2	8.3	3.9	0.0	0.0	0.0
0.0	67.5°	22.1	17.7	12.7	8.3	6.1	4.4	2.2	0.0	0.0	0.0
	70°	22.1	15.5	8.9	2.2	1.7	1.1	0.6	0.0	0.0	0.0
	72.5°	22.1	14.9	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	24.3	16.6	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	24.3	16.6	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	21.6	14.4	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	7.2	5.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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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°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
0.0	2.5°	24.9	24.9	24.9	24.3	24.3	24.3	24.3	23.8	23.8	23.8
0.0	5°	22.7	22.7	22.1	22.1	21.6	21.6	21.0	21.0	20.5	20.5
0.0	7.5°	21.0	20.5	20.5	19.9	19.4	19.4	18.8	18.8	18.3	17.7
0.0	10°	19.4	18.8	18.8	18.3	17.7	17.2	17.2	16.6	16.0	15.5
0.0	12.5°	17.7	17.2	16.6	16.0	15.5	14.9	14.9	14.4	13.8	13.3
0.0	15°	15.5	14.9	14.4	13.8	13.3	12.7	12.7	12.2	11.6	11.1
0.0	17.5°	13.3	12.7	12.7	12.2	11.6	11.1	10.5	9.4	8.9	8.3
0.0	20°	10.0	9.4	8.9	8.3	7.7	6.6	6.1	5.0	3.9	3.3
0.0	22.5°	6.6	5.5	5.0	3.9	2.8	2.2	1.7	0.6	0.0	0.0
0.0	25°	2.2	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



REPORT NUMBER: P1049397

CATALOG NUMBER: GALN-SA3A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049397

CATALOG NUMBER: GALN-SA3A-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°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
0.0	2.5°	23.2	23.2	23.2	22.7	22.7	22.7	22.7	22.7	22.7	22.7
0.0	5°	19.9	19.9	19.9	19.4	19.4	18.8	18.8	18.8	18.3	18.3
0.0	7.5°	17.2	16.6	16.6	16.0	16.0	15.5	15.5	15.5	14.9	14.9
0.0	10°	14.4	13.8	13.8	13.3	13.3	12.7	12.7	12.2	12.2	11.6
0.0	12.5°	12.7	12.2	11.6	11.1	11.1	10.5	10.0	10.0	9.4	8.9
0.0	15°	10.0	9.4	8.9	8.3	7.7	7.2	6.6	6.6	6.1	5.5
0.0	17.5°	6.6	5.5	5.0	4.4	4.4	3.9	3.3	2.8	2.2	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
	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: P1049397

CATALOG NUMBER: GALN-SA3A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049397

CATALOG NUMBER: GALN-SA3A-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°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
0.0	2.5°	22.7	22.1	22.1	22.1	22.7	22.7	22.7	22.7	22.7	22.7
0.0	5°	18.3	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
0.0	7.5°	14.9	14.4	14.4	14.4	14.4	13.8	13.8	13.8	13.8	13.8
0.0	10°	11.6	11.1	11.1	11.1	11.1	10.5	10.5	10.5	10.5	10.5
0.0	12.5°	8.3	8.3	7.7	7.7	7.7	7.2	7.2	7.2	7.2	6.6
0.0	15°	5.0	4.4	3.9	3.9	3.9	3.3	3.3	3.3	3.3	2.8
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

CATALOG NUMBER: GALN-SA3A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA3A-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°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
0.0	2.5°	23.2	23.2	23.8	23.8	24.3	25.4	26.0	26.6	27.7	28.8
0.0	5°	18.3	18.8	18.8	19.4	19.9	20.5	21.0	21.6	22.7	23.8
0.0	7.5°	14.4	14.4	14.9	14.9	15.5	16.6	17.2	17.7	18.8	20.5
0.0	10°	11.1	11.1	11.6	11.6	12.2	13.3	13.8	14.4	15.5	17.2
0.0	12.5°	7.2	7.7	7.7	8.3	8.9	10.0	10.5	11.1	12.2	13.3
0.0	15°	3.3	3.9	3.9	4.4	5.0	6.1	6.6	7.2	8.3	10.0
0.0	17.5°	0.6	0.6	1.1	1.1	1.7	2.2	2.8	3.3	5.0	6.1
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.2
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



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CATALOG NUMBER: GALN-SA3A-940-U-RBC

CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
0.0	2.5°	30.4	31.5	32.6	33.7	34.9	36.0	36.5	37.6	38.2	38.7
0.0	5°	26.0	27.1	28.8	29.9	31.0	32.1	33.2	33.7	34.3	34.9
0.0	7.5°	22.7	23.8	25.4	26.6	27.7	28.8	29.9	31.0	31.5	32.1
0.0	10°	19.4	21.0	22.1	23.8	24.9	26.0	27.1	28.2	29.3	29.9
0.0	12.5°	15.5	17.2	18.8	19.9	21.6	23.2	24.3	25.4	26.6	27.7
0.0	15°	12.2	13.8	15.5	16.6	18.3	19.9	21.6	22.7	23.8	24.9
0.0	17.5°	8.9	10.5	12.2	13.3	14.9	16.6	17.7	19.4	20.5	21.6
0.0	20°	4.4	6.1	7.7	9.4	11.1	12.7	13.8	15.5	16.6	17.7
0.0	22.5°	0.6	2.2	3.9	5.0	6.6	8.3	9.4	11.1	12.2	13.3
0.0	25°	0.0	0.6	1.7	2.2	2.8	3.9	5.0	6.1	7.2	8.3
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.6	1.1	2.2	3.3	4.4
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	2.8	3.3	3.9
	87.5°	0.0	0.6	1.1	1.7	2.2	3.3	4.4	5.5	6.1	6.6
	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: P1049397

CATALOG NUMBER: GALN-SA3A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049397

CATALOG NUMBER: GALN-SA3A-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°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
0.0	2.5°	39.3	39.3	39.3	39.3	38.7	38.7	38.7	38.2	38.2	37.6
0.0	5°	36.0	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.0	36.0
0.0	7.5°	33.2	33.7	34.3	34.3	34.9	34.9	34.9	34.3	34.3	33.7
0.0	10°	31.5	32.1	32.1	32.6	32.6	32.6	32.6	32.6	32.6	32.6
0.0	12.5°	29.3	29.9	30.4	30.4	31.0	31.0	31.0	31.0	30.4	30.4
0.0	15°	26.6	27.7	28.2	28.8	28.8	29.3	29.3	29.3	29.3	29.3
0.0	17.5°	24.3	25.4	26.0	26.6	26.6	27.1	27.1	27.7	27.7	27.7
0.0	20°	19.9	21.0	21.6	22.7	23.2	23.8	24.3	24.9	24.9	25.4
0.0	22.5°	15.5	16.6	17.2	18.3	18.8	19.4	19.9	20.5	21.0	21.6
0.0	25°	11.1	12.2	12.7	13.8	14.4	14.9	15.5	16.0	16.0	16.6
0.0	27.5°	6.1	7.2	8.3	8.9	10.0	10.5	11.1	11.6	12.2	12.7
0.0	30°	2.8	3.3	3.9	5.0	5.5	6.1	6.6	7.7	8.3	8.9
0.0	32.5°	0.0	0.0	0.6	1.7	2.2	2.8	3.3	3.9	3.9	4.4
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.1	1.7	2.2
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	1.1	1.1	1.1	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	82.5°	2.8	3.3	3.9	3.9	4.4	4.4	4.4	4.4	3.9	3.9
	85°	5.5	6.1	6.6	6.6	7.2	7.2	7.2	7.2	7.2	7.2
	87.5°	7.7	8.3	8.9	8.9	9.4	9.4	9.4	9.4	9.4	9.4
	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: P1049397

CATALOG NUMBER: GALN-SA3A-940-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
32.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.3	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											
3.9											
7.2											
9.4											
0.0											
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REPORT NUMBER: P1049397

CATALOG NUMBER: GALN-SA3A-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°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
0.0	2.5°	37.1	37.1	36.5	36.5	36.5	36.5	36.5	37.1	37.6	37.6
0.0	5°	35.4	35.4	34.9	34.9	34.9	35.4	35.4	36.0	36.5	37.1
0.0	7.5°	33.7	33.2	33.2	33.7	33.7	34.3	34.3	34.9	35.4	36.0
0.0	10°	32.6	32.1	32.1	32.1	32.6	32.6	33.2	33.7	34.3	34.9
0.0	12.5°	30.4	30.4	30.4	30.4	31.0	31.0	31.5	32.1	33.2	33.7
0.0	15°	29.3	28.8	28.8	28.8	28.8	29.3	29.3	30.4	31.5	32.1
0.0	17.5°	27.1	27.1	26.6	26.6	27.1	27.1	27.7	28.8	29.9	30.4
0.0	20°	24.9	24.3	23.8	23.8	24.3	24.3	24.9	26.0	27.1	27.7
0.0	22.5°	21.6	21.0	21.0	21.0	21.0	21.6	21.6	22.7	24.3	25.4
0.0	25°	17.2	17.7	17.7	18.3	18.3	18.8	19.4	20.5	22.1	23.2
0.0	27.5°	13.3	13.8	13.8	14.9	15.5	16.0	16.6	18.3	19.9	21.0
0.0	30°	10.0	10.5	11.1	11.6	12.7	13.8	14.9	16.6	18.3	19.4
0.0	32.5°	6.1	7.2	7.7	8.9	10.0	11.1	12.2	13.8	16.0	17.7
0.0	35°	4.4	5.0	6.1	6.6	7.7	8.9	10.0	12.2	13.8	16.0
0.0	37.5°	2.2	3.3	4.4	5.5	6.6	7.7	8.9	11.1	13.3	14.9
0.0	40°	1.7	2.8	3.3	4.4	6.1	7.2	8.3	10.5	12.7	14.9
0.0	42.5°	1.1	1.7	2.2	3.9	5.0	6.6	8.3	10.5	12.7	14.9
0.0	45°	1.1	1.1	1.7	3.3	5.0	7.2	8.9	11.1	12.7	14.9
0.0	47.5°	1.1	1.7	2.2	4.4	5.5	7.2	8.9	10.5	12.7	14.4
0.0	50°	1.7	2.2	2.8	5.0	6.1	7.7	8.9	11.1	12.7	14.9
0.0	52.5°	1.1	1.7	2.2	4.4	6.1	8.3	10.0	12.2	14.4	16.0
0.0	55°	0.6	0.6	0.6	3.3	6.6	9.4	12.7	14.4	16.6	18.3
0.0	57.5°	0.0	0.0	0.0	2.2	6.6	10.5	14.4	16.6	18.8	20.5
0.0	60°	0.0	0.0	0.0	2.2	6.6	10.5	14.4	17.2	19.9	22.7
0.0	62.5°	0.0	0.0	0.0	2.2	5.5	8.9	12.2	16.6	21.6	26.0
0.0	65°	0.0	0.0	0.0	1.7	4.4	7.2	10.0	16.6	23.2	29.3
0.0	67.5°	0.0	0.0	0.0	1.7	4.4	6.6	9.4	16.6	23.2	30.4
	70°	0.0	0.0	0.0	1.7	4.4	7.2	10.0	16.6	23.2	29.9
	72.5°	0.0	0.0	0.0	1.7	5.0	7.7	11.1	16.6	22.1	27.7
	75°	0.0	0.0	0.0	2.2	5.0	8.3	11.6	16.6	21.6	26.0
	77.5°	0.0	0.0	0.0	1.7	5.0	7.7	11.1	16.0	21.0	25.4
	80°	1.7	1.1	1.1	2.8	5.0	7.2	9.4	14.4	19.9	24.9
	82.5°	3.3	3.3	2.8	3.9	5.0	6.6	8.3	12.7	17.7	22.1
	85°	6.6	6.6	6.1	6.6	6.6	7.2	7.7	10.0	12.2	14.4
	87.5°	8.9	8.9	8.3	8.3	8.3	7.7	7.7	7.7	7.7	7.2
	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: P1049397

CATALOG NUMBER: GALN-SA3A-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
32.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.5											
33.2											
31.0											
30.4											
29.9											
26.6											
16.6											
7.2											
0.0											
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REPORT NUMBER: P1049397

CATALOG NUMBER: GALN-SA3A-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°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
0.0	2.5°	38.7	39.3	39.3	39.8	40.4	40.9	40.9	41.5	41.5	41.5
0.0	5°	38.2	39.3	39.8	40.4	40.9	41.5	42.0	42.6	43.2	43.2
0.0	7.5°	37.6	38.2	39.3	39.8	40.9	41.5	42.6	43.2	43.7	44.3
0.0	10°	36.5	37.6	38.7	39.8	40.9	42.0	43.2	44.3	45.4	45.9
0.0	12.5°	35.4	37.1	38.2	39.3	40.9	42.6	43.7	45.4	46.5	47.6
0.0	15°	34.9	36.0	37.6	38.7	40.9	43.2	44.8	47.0	49.2	50.9
0.0	17.5°	33.2	35.4	37.1	38.7	40.9	43.7	45.9	48.1	51.5	54.8
0.0	20°	31.0	32.6	34.9	36.5	39.8	42.6	45.9	48.7	53.7	58.6
0.0	22.5°	28.8	31.0	32.6	34.9	38.7	42.0	45.9	49.2	57.5	65.3
0.0	25°	26.6	29.3	31.5	33.7	38.2	42.6	47.0	51.5	65.3	79.1
0.0	27.5°	25.4	27.7	30.4	32.6	38.2	44.3	49.8	55.3	77.5	99.0
0.0	30°	23.8	26.6	28.8	31.5	38.7	45.9	53.1	60.3	94.1	127.8
0.0	32.5°	22.1	24.9	27.7	30.4	39.8	49.2	58.1	67.5	111.8	155.5
0.0	35°	20.5	23.8	26.6	29.3	41.5	54.2	66.4	78.6	127.8	176.5
0.0	37.5°	19.9	23.2	26.0	28.8	42.0	54.8	68.1	80.8	129.5	178.1
0.0	40°	20.5	23.2	26.6	29.3	40.4	51.5	62.0	73.0	123.9	174.3
0.0	42.5°	20.5	23.8	27.1	30.4	39.3	48.1	57.0	65.8	122.3	178.7
0.0	45°	19.9	23.2	26.6	29.9	38.2	45.9	54.2	62.0	132.2	201.9
0.0	47.5°	19.4	22.7	26.0	29.3	37.6	45.9	54.2	62.5	171.0	278.8
0.0	50°	19.4	22.7	25.4	28.2	38.2	48.7	58.6	68.6	249.0	428.8
0.0	52.5°	20.5	23.2	25.4	27.7	39.3	51.5	63.1	74.7	316.5	557.7
0.0	55°	22.1	23.8	26.0	27.7	42.0	55.9	70.3	84.1	336.9	589.8
0.0	57.5°	24.3	26.0	27.7	29.3	47.0	64.7	81.9	99.6	338.6	577.0
0.0	60°	27.1	29.3	31.0	32.6	51.5	70.8	89.6	108.4	306.5	504.0
0.0	62.5°	33.2	36.0	38.2	40.9	59.2	76.9	95.2	112.9	254.5	396.1
0.0	65°	38.2	40.4	42.6	44.8	62.5	80.8	98.5	116.2	215.8	315.4
0.0	67.5°	39.3	41.5	43.2	45.4	63.6	81.9	99.6	117.8	184.8	251.2
	70°	39.8	42.6	45.9	48.7	67.5	86.3	104.6	123.4	163.8	204.2
	72.5°	38.2	43.7	48.7	53.7	71.4	88.5	106.2	123.4	152.1	180.9
	75°	38.2	45.9	53.1	60.3	73.6	86.3	99.6	112.3	134.4	156.6
	77.5°	40.4	50.3	60.3	70.3	78.0	85.2	92.9	100.1	114.5	128.9
	80°	40.4	50.9	60.9	71.4	74.7	78.6	81.9	85.2	86.9	88.5
	82.5°	34.9	43.2	51.5	59.8	55.9	52.0	48.1	44.3	41.5	38.2
	85°	17.7	19.4	20.5	21.6	19.9	18.3	16.6	14.9	13.8	12.2
	87.5°	7.2	7.2	6.6	6.6	6.6	6.6	6.1	6.1	6.1	6.1
	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: P1049397

CATALOG NUMBER: GALN-SA3A-940-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
32.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
221.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
277.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
314.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
343.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
371.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
426.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
537.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
818.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1254.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1579.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1614.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1457.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1245.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
973.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
735.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
543.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
384.5											
286.0											
208.0											
156.6											
88.0											
39.8											
11.6											
5.5											
0.0											
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REPORT NUMBER: P1049397

CATALOG NUMBER: GALN-SA3A-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°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
0.0	2.5°	41.5	40.9	40.9	40.4	39.8	39.3	38.7	38.2	37.6	37.1
0.0	5°	43.2	43.2	43.2	42.6	42.6	42.0	42.0	41.5	40.9	40.4
0.0	7.5°	44.8	45.4	45.4	45.9	45.9	45.9	45.9	45.4	45.4	45.4
0.0	10°	47.6	48.1	48.7	49.2	49.8	50.3	50.3	50.9	50.9	50.9
0.0	12.5°	50.9	52.6	53.7	55.3	56.4	58.1	59.2	60.9	62.0	63.1
0.0	15°	55.9	58.6	62.0	64.7	67.5	71.4	75.8	79.7	83.5	89.6
0.0	17.5°	63.1	71.9	80.8	89.1	97.9	117.3	136.7	155.5	174.8	203.0
0.0	20°	76.9	103.5	129.5	156.0	182.0	250.1	317.6	385.6	453.1	525.6
0.0	22.5°	107.9	173.2	238.5	303.7	369.0	511.2	652.8	795.0	936.7	1103.2
0.0	25°	156.6	276.6	396.7	516.2	636.2	858.6	1081.6	1304.0	1526.4	1742.7
0.0	27.5°	227.9	411.6	595.3	778.4	962.1	1263.6	1565.7	1867.2	2168.8	2413.3
0.0	30°	315.9	564.9	813.8	1062.8	1311.8	1654.8	1997.8	2340.3	2683.3	2950.5
0.0	32.5°	398.9	703.7	1008.6	1312.9	1617.7	2008.3	2399.5	2790.1	3180.7	3472.8
0.0	35°	453.1	821.6	1190.6	1559.1	1927.5	2350.2	2772.9	3195.0	3617.7	3951.3
0.0	37.5°	507.3	932.8	1357.7	1783.1	2208.0	2672.2	3136.4	3600.6	4064.8	4476.9
0.0	40°	568.2	1067.2	1565.7	2064.7	2563.2	3113.2	3662.5	4212.5	4761.9	5343.3
0.0	42.5°	673.9	1290.2	1907.1	2523.4	3139.7	3867.2	4594.8	5321.7	6049.3	6879.2
0.0	45°	872.5	1741.1	2610.2	3478.9	4347.5	5311.2	6275.6	7239.3	8203.1	9307.4
0.0	47.5°	1358.8	2553.8	3748.3	4943.3	6137.8	7178.5	8218.6	9259.3	10299.4	11399.2
0.0	50°	2079.1	3470.0	4860.9	6251.2	7642.1	8583.7	9524.8	10466.4	11407.5	12453.7
0.0	52.5°	2600.3	4049.3	5498.8	6947.8	8396.7	9246.5	10096.9	10946.7	11796.5	12774.1
0.0	55°	2639.6	4080.2	5521.5	6962.1	8402.8	9256.5	10110.2	10963.8	11817.5	12853.7
0.0	57.5°	2336.9	3766.0	5194.5	6623.6	8052.1	9024.1	9995.6	10967.7	11939.2	13059.5
0.0	60°	1987.8	3417.4	4846.5	6276.1	7705.2	8824.9	9945.3	11065.1	12184.9	13234.4
0.0	62.5°	1550.8	3021.3	4492.4	5963.0	7433.5	8570.4	9707.4	10843.8	11980.7	12768.0
0.0	65°	1155.7	2583.7	4011.6	5439.0	6867.0	7777.6	8688.3	9598.4	10509.0	10996.5
0.0	67.5°	835.4	2067.0	3297.9	4529.5	5760.5	6412.2	7063.9	7715.1	8366.9	8739.7
	70°	564.9	1418.0	2270.6	3123.7	3976.2	4511.8	5047.9	5583.4	6119.0	6622.4
	72.5°	391.2	870.3	1349.9	1829.1	2308.2	2847.0	3385.4	3924.2	4462.5	4995.3
	75°	259.5	477.5	696.0	914.0	1132.0	1530.9	1930.3	2329.2	2728.1	3045.7
	77.5°	184.2	249.5	315.4	380.6	445.9	520.6	595.9	670.5	745.2	858.6
	80°	87.4	95.7	104.0	111.8	120.1	147.2	174.3	201.4	228.5	257.3
	82.5°	41.5	44.8	48.1	50.9	54.2	57.0	59.8	62.5	65.3	62.5
	85°	11.1	11.1	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.1
	87.5°	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.4	4.4	3.9
	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: P1049397

CATALOG NUMBER: GALN-SA3A-940-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
32.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
598.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1269.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2657.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3218.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3765.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4284.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4889.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5924.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7709.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10411.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12499.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13499.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13751.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13890.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14179.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14283.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13555.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11484.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9113.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7125.4											
5528.1											
3363.2											
972.1											
286.0											
59.2											
10.5											
3.9											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049397

CATALOG NUMBER: GALN-SA3A-940-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
0.0	2.5°	36.0	35.4	34.9	34.3	33.7	32.6	32.6	32.1	32.1
0.0	5°	39.3	38.7	38.2	37.6	37.6	37.1	36.5	36.5	36.0
0.0	7.5°	44.8	44.3	43.7	43.2	43.2	42.6	42.6	42.0	42.0
0.0	10°	51.5	51.5	51.5	51.5	51.5	50.9	50.9	50.9	50.3
0.0	12.5°	64.7	65.3	66.4	67.5	69.2	69.2	69.2	68.6	68.6
0.0	15°	102.4	108.4	112.9	117.3	121.2	130.0	128.9	127.2	126.1
0.0	17.5°	258.9	286.6	301.5	315.9	330.8	371.8	365.1	358.5	352.4
0.0	20°	671.1	743.6	791.7	839.8	888.5	965.4	946.6	927.8	909.0
0.0	22.5°	1435.7	1602.2	1674.7	1747.2	1819.1	1912.0	1851.7	1791.4	1731.7
0.0	25°	2174.8	2391.2	2513.4	2635.7	2757.4	2810.5	2732.0	2652.9	2574.3
0.0	27.5°	2902.4	3146.9	3254.8	3362.1	3470.0	3581.2	3483.8	3385.9	3288.5
0.0	30°	3485.5	3752.7	3869.5	3985.6	4102.4	4179.8	4079.1	3977.9	3877.2
0.0	32.5°	4057.6	4349.7	4477.5	4605.3	4732.5	4843.7	4719.8	4595.3	4471.4
0.0	35°	4618.0	4951.6	5127.6	5303.5	5479.4	5582.9	5435.7	5288.0	5140.8
0.0	37.5°	5301.8	5714.0	5911.0	6107.9	6304.9	6493.5	6331.4	6168.8	6006.7
0.0	40°	6506.3	7087.7	7389.8	7692.4	7994.5	8237.9	8033.2	7828.5	7623.8
0.0	42.5°	8538.9	9368.8	9803.1	10236.8	10671.2	11051.2	10836.0	10620.8	10405.6
0.0	45°	11516.0	12620.3	13149.7	13678.6	14208.1	14485.8	14176.0	13865.6	13555.8
0.0	47.5°	13598.4	14698.3	15169.7	15641.0	16112.4	16429.4	16050.4	15671.5	15293.0
0.0	50°	14545.6	15591.8	16064.8	16537.3	17010.3	17262.1	16824.4	16386.3	15948.6
0.0	52.5°	14728.7	15706.3	16270.6	16835.5	17399.8	17736.2	17219.5	16702.2	16185.4
0.0	55°	14926.8	15963.0	16617.5	17272.6	17927.1	18392.9	17808.7	17223.9	16639.7
0.0	57.5°	15299.7	16420.0	17072.8	17725.1	18378.0	18773.5	18187.7	17601.2	17015.3
0.0	60°	15332.9	16381.8	16942.8	17504.4	18065.4	18314.3	17753.9	17192.9	16632.5
0.0	62.5°	14343.1	15130.4	15519.9	15909.4	16298.8	16569.4	15984.6	15399.3	14814.5
0.0	65°	11971.9	12459.3	12769.6	13080.0	13390.4	13712.9	13177.4	12641.8	12106.3
0.0	67.5°	9486.1	9859.0	10267.8	10676.7	11085.5	11430.2	11001.4	10572.1	10143.3
	70°	7628.8	8131.7	8591.5	9051.2	9511.0	9793.1	9362.7	8931.7	8501.3
	72.5°	6060.9	6593.7	6977.6	7361.0	7745.0	7814.2	7497.7	7181.2	6865.3
	75°	3680.2	3997.8	4005.6	4012.7	4020.5	4086.3	3824.1	3561.8	3300.2
	77.5°	1085.5	1198.9	1292.4	1385.3	1478.8	1591.7	1495.4	1398.6	1302.4
	80°	314.2	343.0	367.4	391.2	415.5	401.1	378.4	355.7	333.1
	82.5°	56.4	53.1	52.6	52.0	52.0	49.2	44.8	40.4	36.0
	85°	10.0	9.4	8.9	8.3	7.7	7.2	6.1	5.5	4.4
	87.5°	3.3	2.8	2.2	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: P1049397

CATALOG NUMBER: GALN-SA3A-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049397

CATALOG NUMBER: GALN-SA3A-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°	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
0.0	0.0	2.5°	31.5	31.0	31.0	31.0	31.0	30.4	30.4	30.4	30.4
0.0	0.0	5°	34.9	34.9	34.3	34.3	33.7	33.7	33.2	33.2	32.6
0.0	0.0	7.5°	40.9	40.4	39.8	39.3	38.7	37.6	37.1	36.5	36.5
0.0	0.0	10°	49.2	48.1	47.6	46.5	45.9	44.8	43.7	42.6	41.5
0.0	0.0	12.5°	64.7	62.5	60.9	58.6	56.4	54.8	52.6	50.9	48.7
0.0	0.0	15°	112.3	106.8	100.7	93.5	85.8	78.6	70.8	66.4	61.4
0.0	0.0	17.5°	287.1	258.4	229.0	205.3	181.5	158.2	134.4	117.3	100.1
0.0	0.0	20°	730.8	651.2	571.5	492.9	413.8	335.3	256.2	216.3	176.5
0.0	0.0	22.5°	1375.4	1227.7	1079.4	936.1	792.3	649.0	505.7	415.5	325.9
0.0	0.0	25°	2122.8	1936.9	1751.0	1515.4	1279.1	1043.4	807.8	661.1	514.5
0.0	0.0	27.5°	2762.4	2548.3	2334.2	2047.6	1761.0	1474.4	1187.8	969.3	751.3
0.0	0.0	30°	3316.2	3086.0	2855.9	2522.3	2188.7	1855.1	1521.4	1248.1	974.8
0.0	0.0	32.5°	3796.4	3520.9	3245.4	2901.3	2557.1	2213.0	1868.9	1533.6	1198.3
0.0	0.0	35°	4350.2	4028.8	3706.8	3325.1	2942.8	2561.0	2179.3	1800.8	1421.9
0.0	0.0	37.5°	5054.0	4659.5	4264.5	3839.0	3413.6	2988.7	2563.2	2130.6	1697.9
0.0	0.0	40°	6401.1	5892.1	5383.2	4842.6	4301.5	3761.0	3220.5	2689.4	2158.2
0.0	0.0	42.5°	8815.0	8127.3	7439.6	6720.4	6000.6	5281.4	4561.6	3812.5	3062.8
0.0	0.0	45°	11539.2	10686.1	9832.4	9025.2	8217.5	7410.3	6603.1	5575.1	4547.2
0.0	0.0	47.5°	13071.2	12150.0	11228.8	10464.8	9700.7	8936.7	8172.7	7064.5	5956.3
0.0	0.0	50°	13634.9	12697.2	11759.4	11056.2	10352.5	9649.3	8945.6	7835.7	6725.3
0.0	0.0	52.5°	13755.0	12798.4	11841.8	11134.2	10426.6	9719.6	9011.9	7909.3	6806.7
0.0	0.0	55°	14001.7	12975.5	11948.6	11142.0	10335.3	9528.7	8722.0	7601.7	6481.4
0.0	0.0	57.5°	14324.3	13272.0	12219.7	11300.8	10381.8	9463.4	8544.4	7319.5	6094.6
0.0	0.0	60°	14239.6	13324.0	12407.8	11423.6	10438.8	9454.5	8469.8	7122.6	5774.9
0.0	0.0	62.5°	12770.2	12041.0	11311.3	10501.9	9691.9	8882.5	8073.1	6686.1	5299.1
0.0	0.0	65°	10505.7	9973.5	9441.3	8790.1	8138.4	7487.2	6836.0	5592.3	4349.1
0.0	0.0	67.5°	8514.6	7914.8	7314.6	6795.6	6276.1	5757.2	5237.7	4258.9	3280.2
		70°	6764.6	6112.3	5459.5	4952.7	4445.4	3938.6	3431.8	2781.2	2131.1
		72.5°	5372.1	4784.0	4195.9	3655.3	3114.3	2573.7	2032.7	1648.1	1263.6
		75°	2567.6	2332.5	2097.4	1814.7	1532.0	1249.2	966.5	798.9	631.8
		77.5°	951.6	824.9	697.7	582.6	467.5	353.0	237.9	218.0	198.1
		80°	246.2	214.7	182.6	159.9	136.7	114.0	91.3	82.4	74.1
		82.5°	28.2	26.0	24.3	23.2	21.6	20.5	18.8	17.2	15.5
		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



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049397

CATALOG NUMBER: GALN-SA3A-940-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	32.1	32.1
0.0	0.0	2.5°	29.9	29.3
0.0	0.0	5°	31.5	31.0
0.0	0.0	7.5°	34.9	33.7
0.0	0.0	10°	38.2	37.1
0.0	0.0	12.5°	43.2	41.5
0.0	0.0	15°	48.7	45.4
0.0	0.0	17.5°	58.1	50.9
0.0	0.0	20°	78.6	60.3
0.0	0.0	22.5°	110.7	75.2
0.0	0.0	25°	162.7	104.0
0.0	0.0	27.5°	226.3	138.3
0.0	0.0	30°	301.0	173.2
0.0	0.0	32.5°	366.8	206.4
0.0	0.0	35°	452.6	240.1
0.0	0.0	37.5°	558.2	283.3
0.0	0.0	40°	722.0	348.5
0.0	0.0	42.5°	1016.9	469.2
0.0	0.0	45°	1651.5	811.1
0.0	0.0	47.5°	2541.1	1341.6
0.0	0.0	50°	3108.7	1712.3
0.0	0.0	52.5°	3155.2	1709.6
0.0	0.0	55°	2880.2	1519.8
0.0	0.0	57.5°	2457.6	1270.3
0.0	0.0	60°	2042.6	1004.7
0.0	0.0	62.5°	1609.4	693.8
0.0	0.0	65°	1176.2	490.7
0.0	0.0	67.5°	844.8	366.8
		70°	555.5	281.1
		72.5°	361.8	229.0
		75°	243.4	189.8
		77.5°	142.2	126.1
		80°	50.3	44.3
		82.5°	9.4	6.6
		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: P1049397

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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

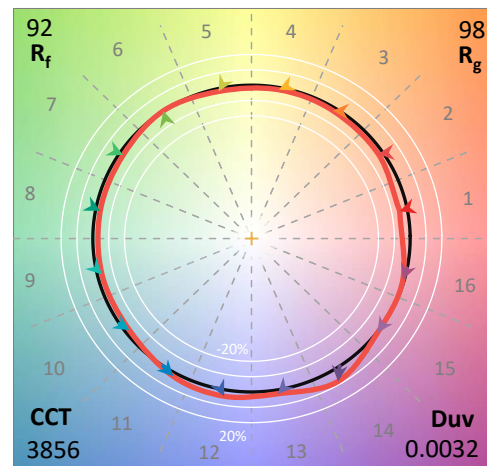
Test Information

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

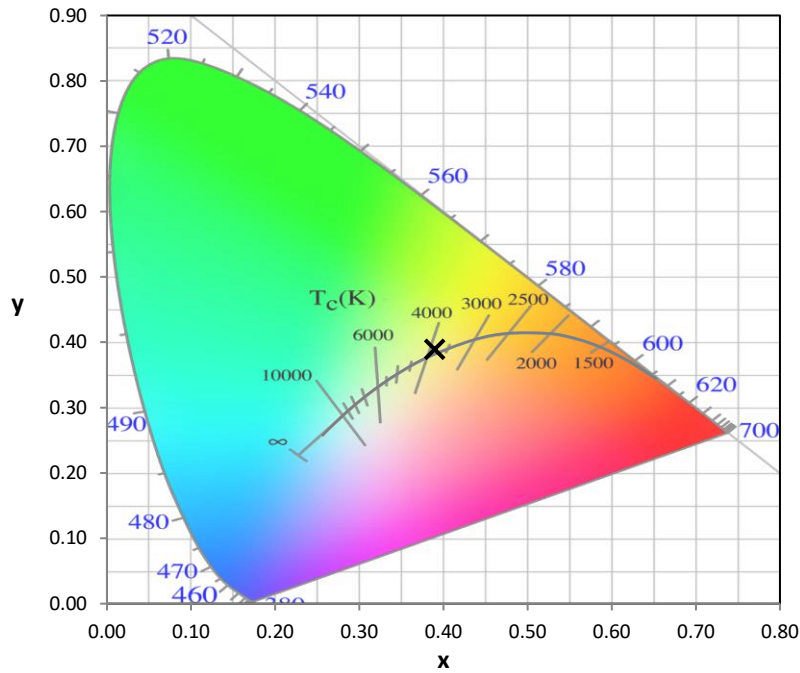
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

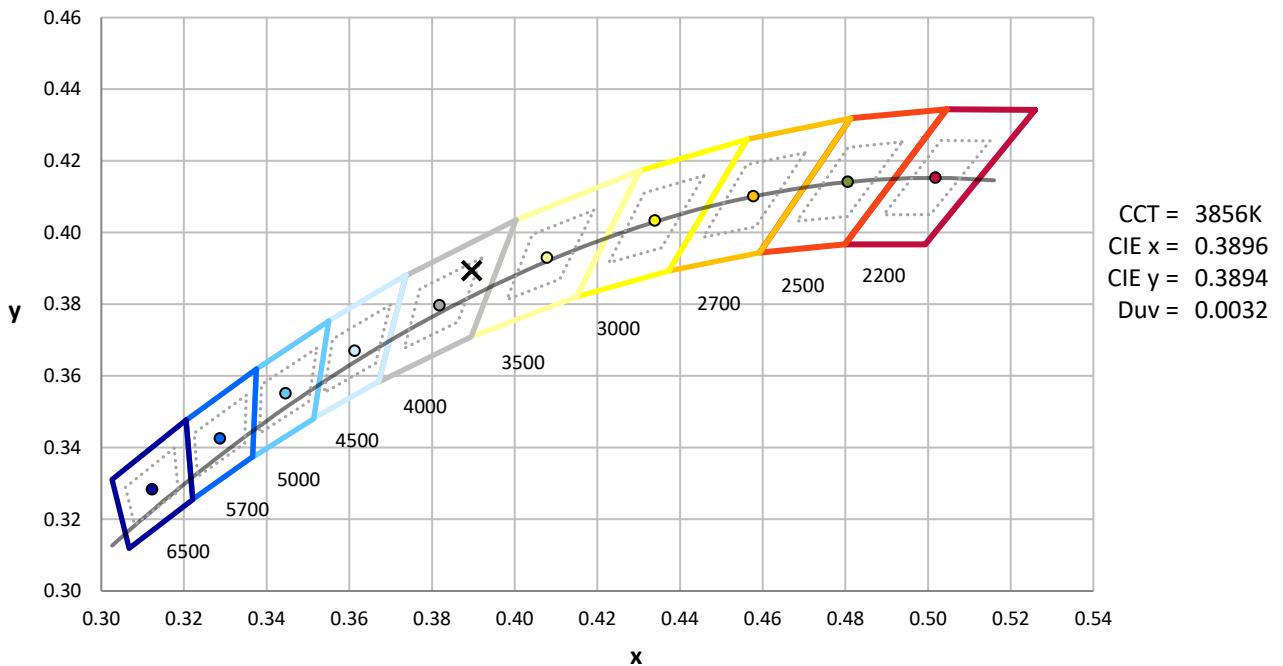
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



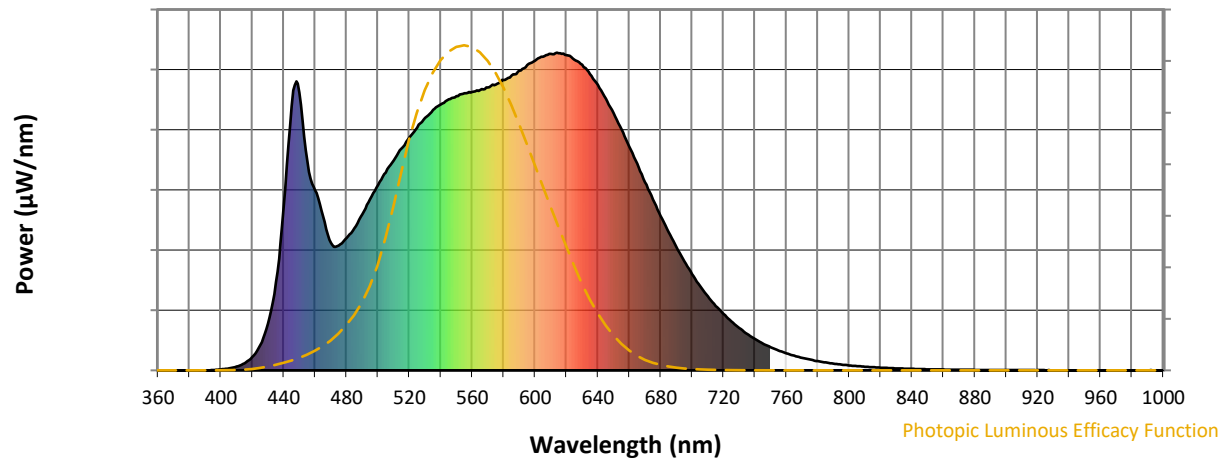
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

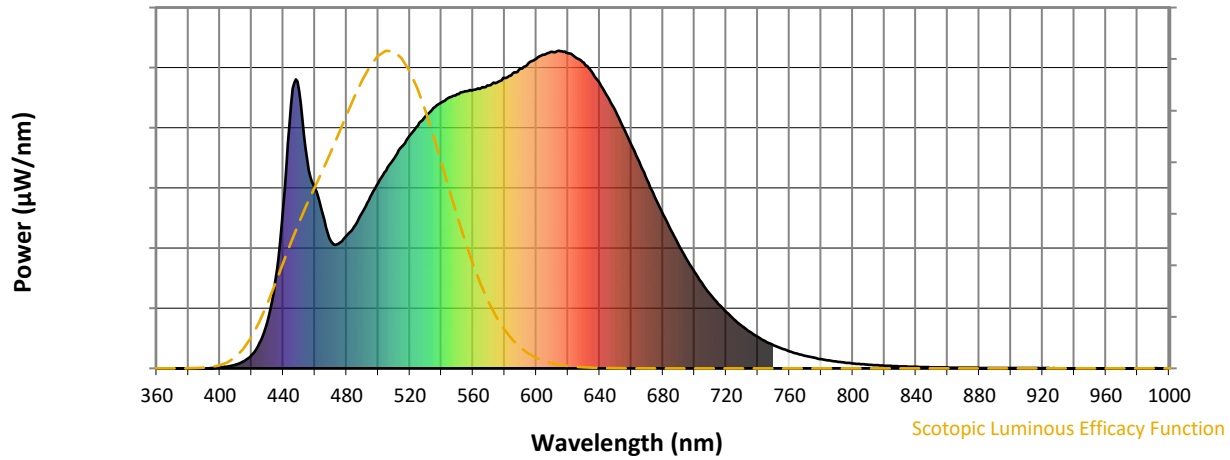


Photopic Lumens: NR

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



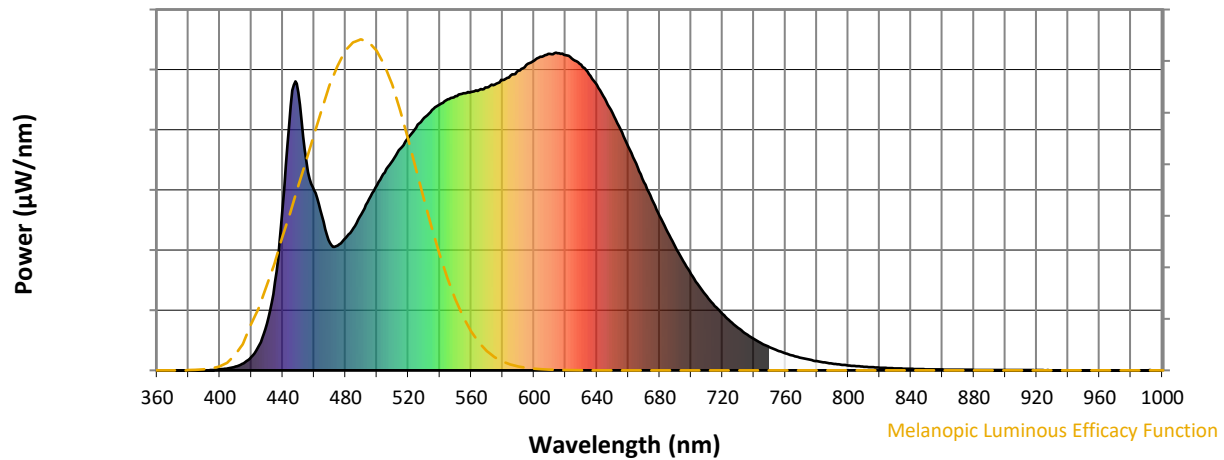
Scotopic Lumens: NR

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

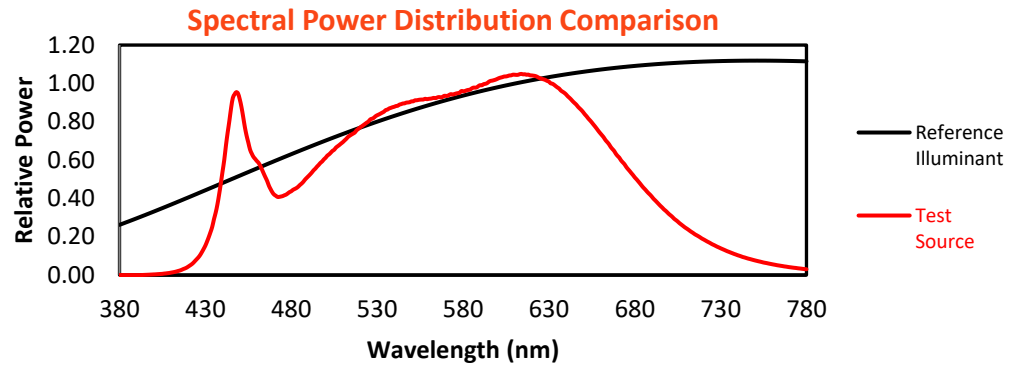
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	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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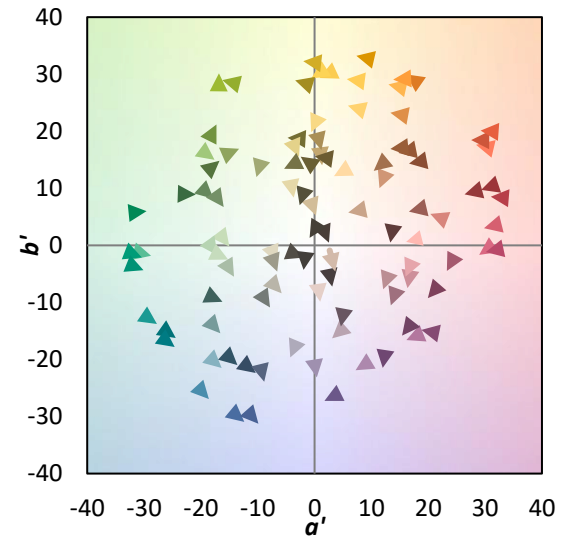
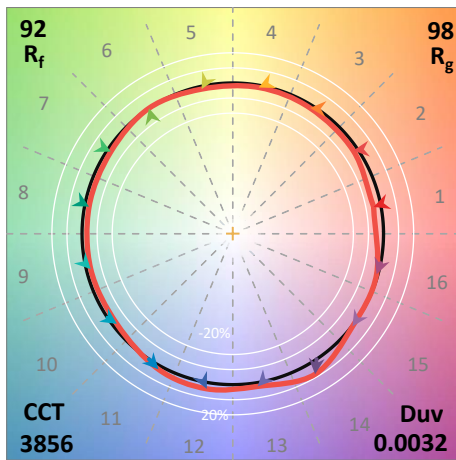
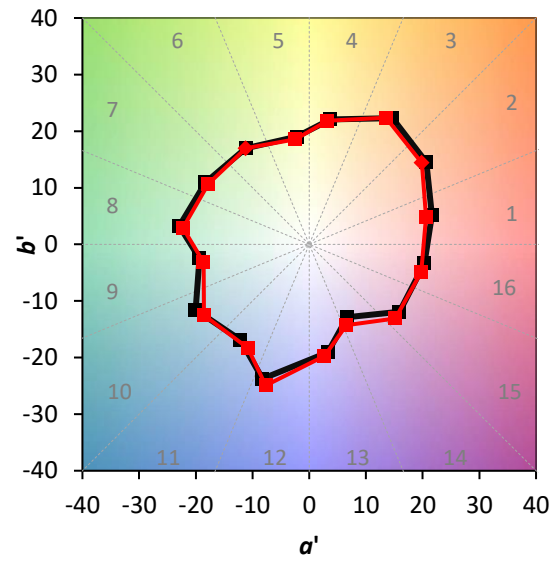
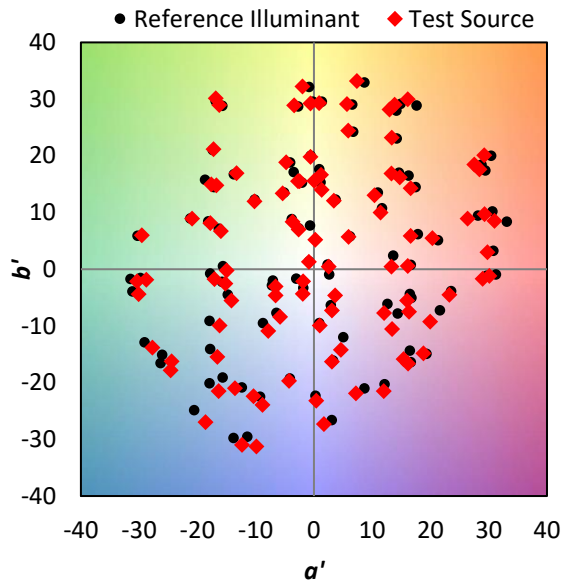
TM-30-18

Summary

$R_f = 91.8$
 $R_g = 98.4$
 $\text{CIE } R_a = 92.1$
 $R_9 = 60.7$

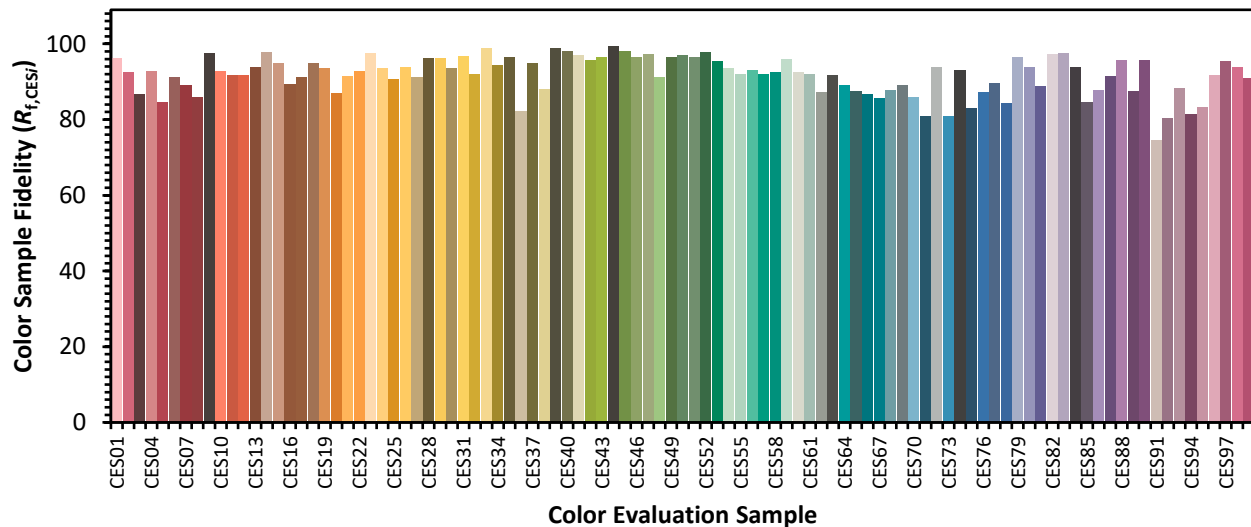


Color Vector Graphics

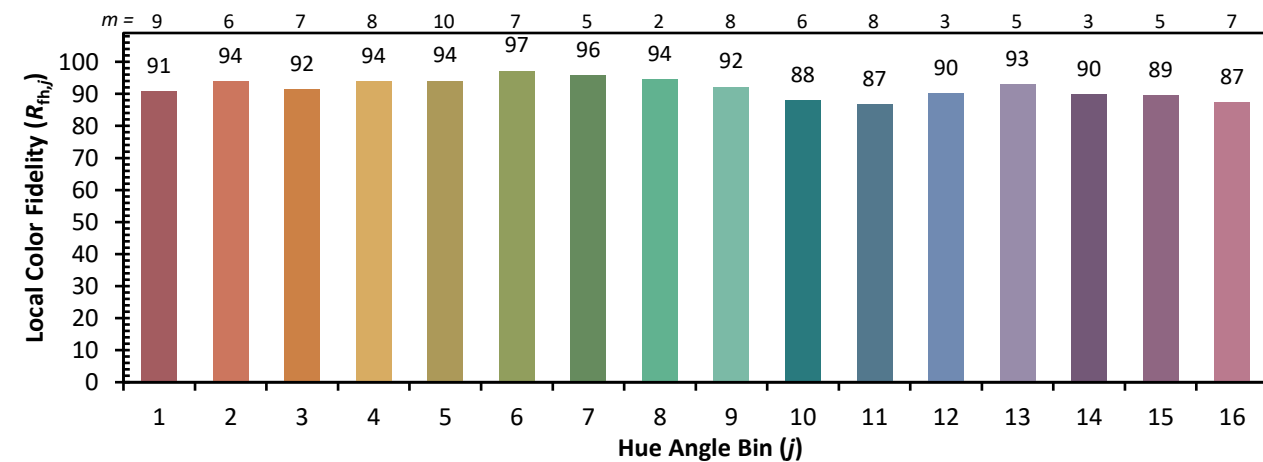
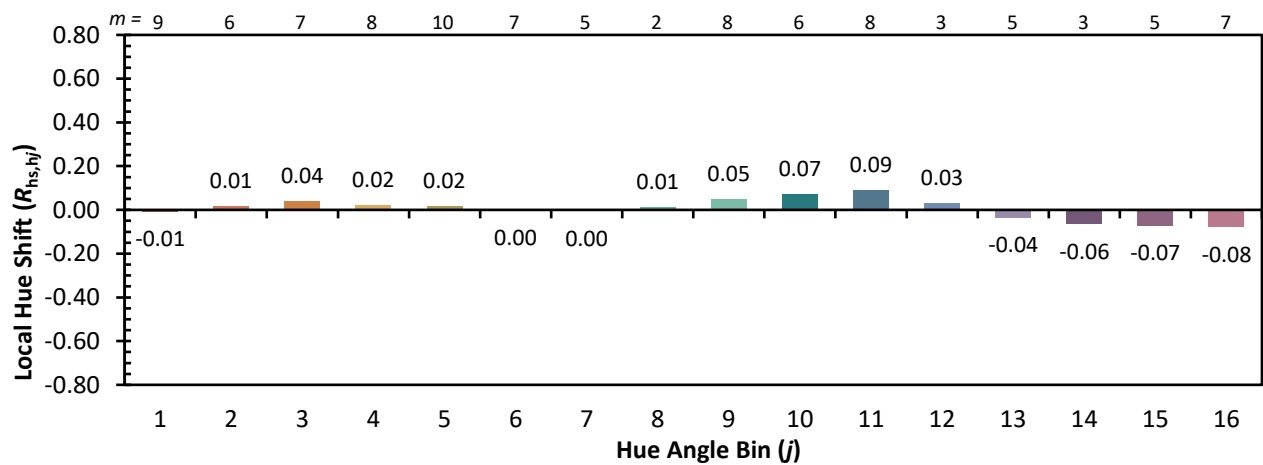
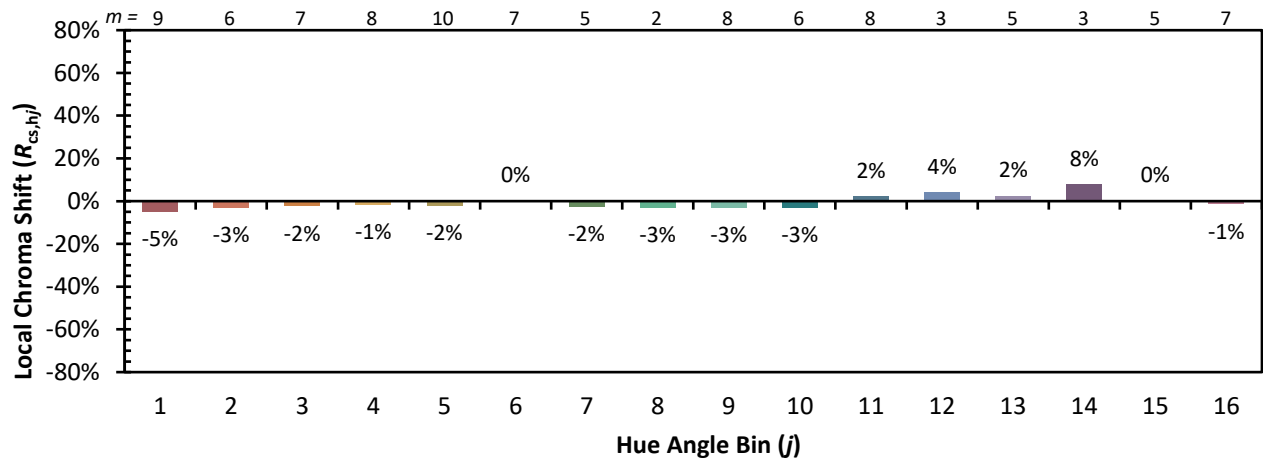


Individual Sample Fidelity Index ($R_{f,i}$)

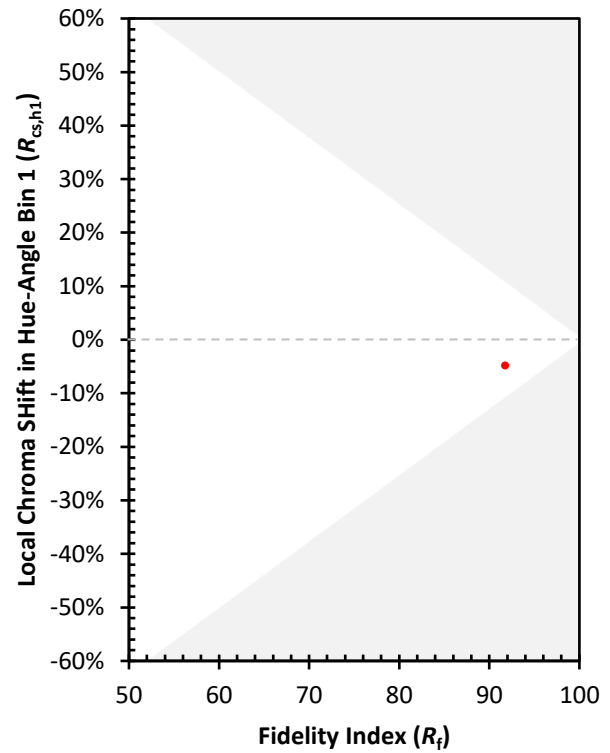
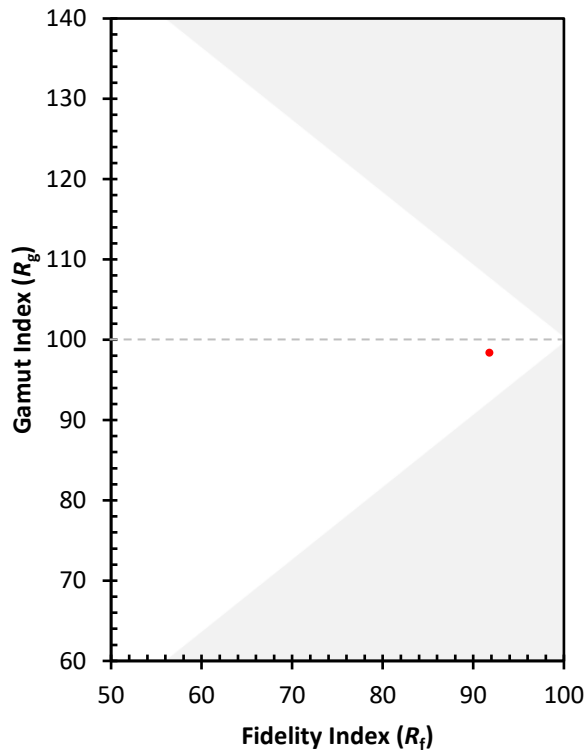
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 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)