

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: P1049297

Luminaire Tested: **GALN-SA5A-927-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049297
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5A-927-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
90CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10139.8 lumens
Efficiency: N/A
Efficacy: 74.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

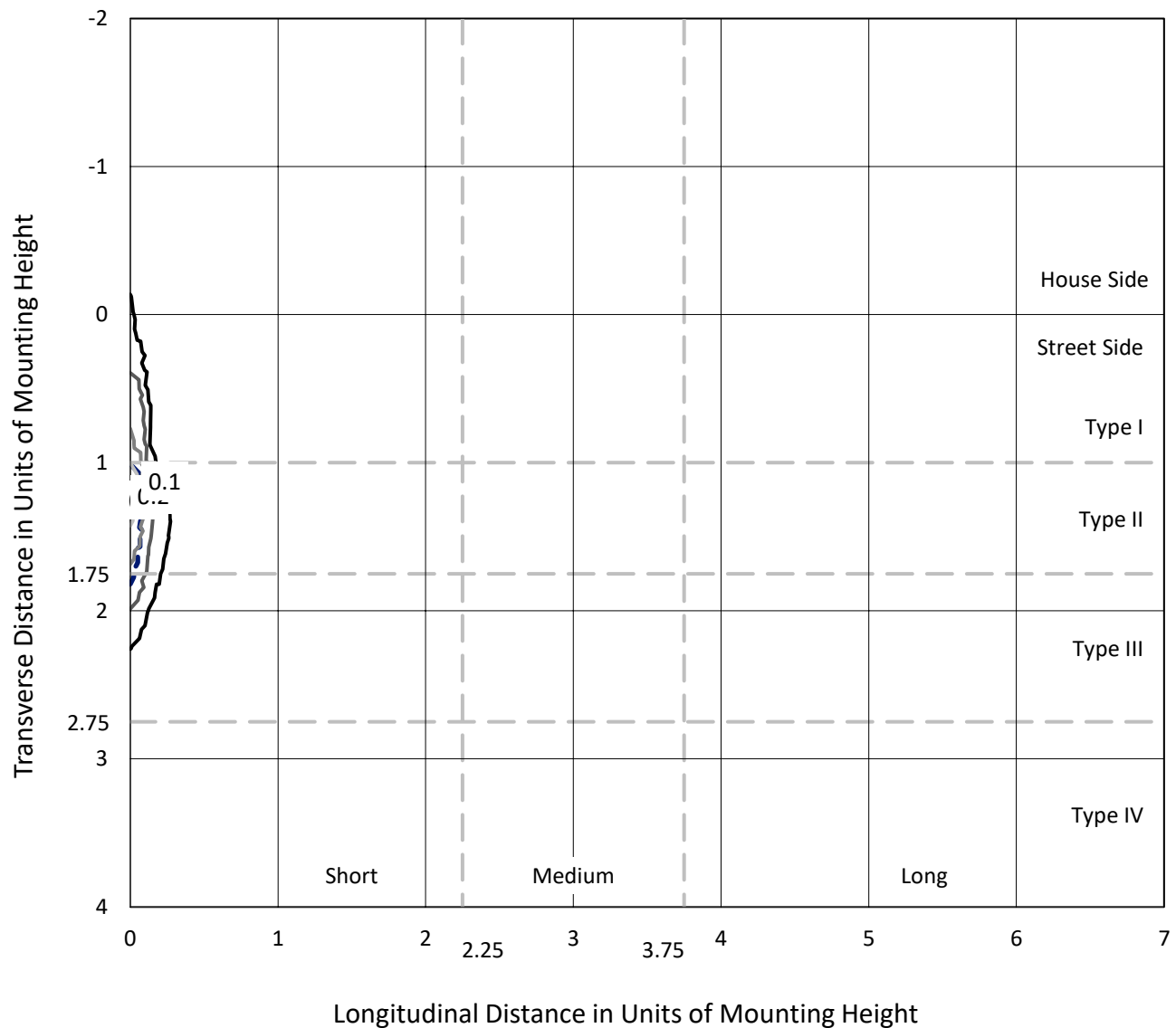
Input Watts (W): 136.6
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

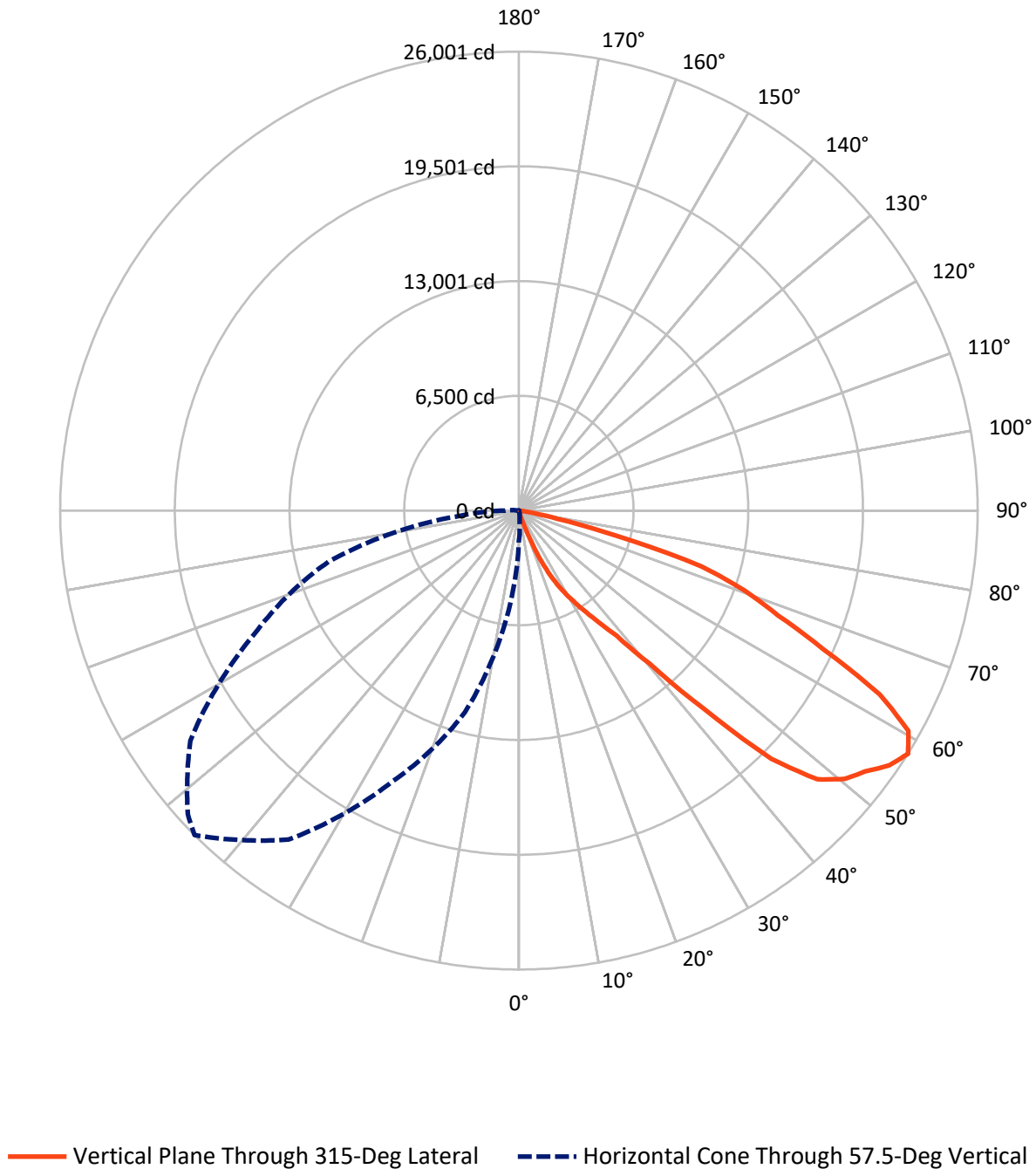
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.5 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	50.8	0.0	50.8
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	10089.0	0.0	10089.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	10139.8	0.0	10139.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.0	0.0
10°-20°	22.3	0.2
20°-30°	240.3	2.4
30°-40°	710.6	7.0
40°-50°	2117.8	20.9
50°-60°	3358.1	33.1
60°-70°	2803.2	27.6
70°-80°	864.4	8.5
80°-90°	19.2	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	10139.8	100.0
0°-180°	10139.8	100.0

Coefficient of Utilization



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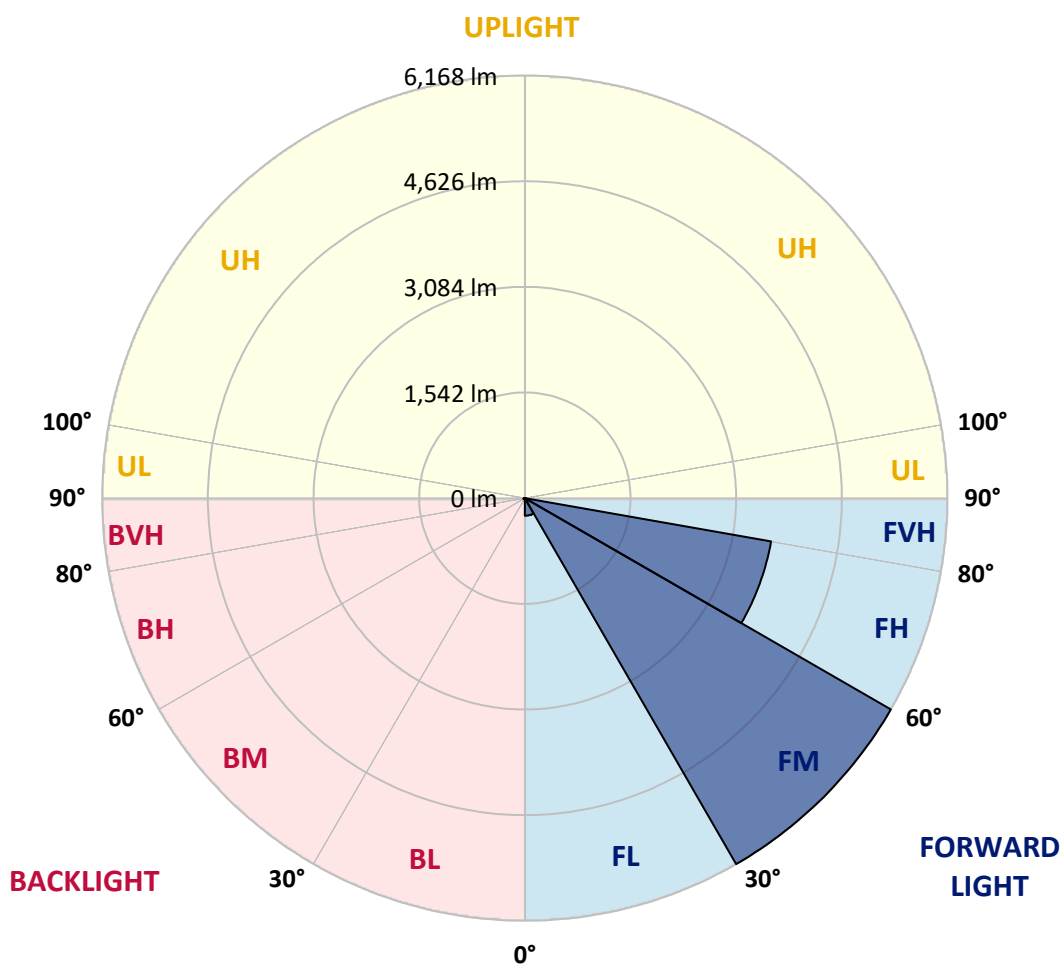
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	257.2	2.5			
FM	(30°-60°)	6168.3	60.8			
FH	(60°-80°)	3648.6	36.0			G2/5000
FVH	(80°-90°)	14.9	0.1			G1/100
BL	(0°-30°)	9.3	0.1	B0/110		
BM	(30°-60°)	18.2	0.2	B0/220		
BH	(60°-80°)	18.9	0.2	B0/110		G0/110
BVH	(80°-90°)	4.4	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°	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
2.5°	40.6	40.6	40.6	40.6	39.8	39.8	39.1	39.1	38.3	38.3
5°	42.9	42.9	42.1	41.4	41.4	40.6	39.8	39.1	39.1	38.3
7.5°	46.7	46.0	45.2	44.4	42.9	42.1	40.6	39.8	39.1	37.5
10°	51.3	49.8	48.3	46.7	45.2	43.7	42.1	41.4	39.8	39.1
12.5°	57.5	55.2	52.1	49.8	48.3	46.0	44.4	42.9	40.6	39.1
15°	62.8	59.8	55.9	52.9	50.6	47.5	45.2	42.9	41.4	39.1
17.5°	70.5	65.1	59.0	55.2	52.1	48.3	44.4	42.1	39.8	36.8
20°	83.5	72.8	61.3	56.7	52.1	47.5	42.9	39.8	37.5	34.5
22.5°	104.2	85.8	67.4	60.5	54.4	47.5	41.4	38.3	35.2	32.2
25°	144.1	111.1	78.2	69.0	59.8	50.6	41.4	37.5	34.5	30.7
27.5°	191.6	142.5	92.7	79.7	67.4	54.4	41.4	36.8	32.9	28.4
30°	239.8	174.7	108.8	92.0	75.1	58.2	41.4	36.0	31.4	26.1
32.5°	285.8	204.6	122.6	102.7	82.8	62.1	42.1	36.0	29.9	23.8
35°	332.6	229.1	124.9	104.2	83.5	62.1	41.4	34.5	28.4	21.5
37.5°	392.3	256.7	120.3	99.6	79.7	59.0	39.1	32.9	26.8	19.9
40°	482.7	302.7	122.6	101.1	79.7	58.2	36.8	30.7	25.3	19.2
42.5°	649.8	391.6	132.6	108.0	83.5	58.2	33.7	28.4	23.8	18.4
45°	1123.3	650.5	177.8	141.0	104.2	67.4	30.7	26.1	22.2	17.6
47.5°	1858.2	1088.8	319.5	246.7	174.7	101.9	29.9	26.1	22.2	17.6
50°	2371.6	1386.9	402.3	309.6	216.8	124.1	31.4	26.8	23.0	18.4
52.5°	2367.7	1408.4	448.3	344.0	240.6	136.4	32.9	28.4	24.5	19.9
55°	2104.9	1281.2	456.7	350.9	246.0	140.2	35.2	30.7	26.1	21.5
57.5°	1759.3	1088.1	416.8	322.6	229.1	134.9	40.6	35.2	30.7	25.3
60°	1391.5	858.2	324.9	256.7	189.3	121.1	53.6	46.7	40.6	33.7
62.5°	960.9	622.2	283.5	227.6	172.4	116.5	61.3	54.4	48.3	41.4
65°	679.7	468.2	255.9	208.4	161.7	114.2	66.7	59.0	52.1	44.4
67.5°	508.0	372.4	236.0	195.4	154.8	114.2	73.6	64.4	55.9	46.7
70°	389.3	305.7	221.4	188.5	156.3	123.4	90.4	77.4	65.1	52.1
72.5°	317.2	261.3	204.6	180.8	157.1	133.3	109.6	92.7	75.9	58.2
75°	262.8	223.7	184.7	164.7	145.6	125.7	105.7	90.4	75.9	60.5
77.5°	174.7	159.4	143.3	131.8	120.3	108.0	96.5	83.5	71.3	58.2
80°	61.3	59.0	56.7	61.3	65.9	70.5	75.1	65.9	57.5	48.3
82.5°	9.2	8.4	7.7	8.4	9.2	10.0	10.7	11.5	12.3	13.0
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):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
0.0	2.5°	37.5	37.5	36.8	36.8	36.8	36.0	36.0	35.2	35.2	35.2
0.0	5°	36.8	36.8	36.0	35.2	34.5	34.5	33.7	32.9	32.9	32.2
0.0	7.5°	36.0	35.2	34.5	33.7	32.9	32.2	31.4	30.7	30.7	29.9
0.0	10°	36.8	35.2	34.5	32.9	32.2	31.4	29.9	29.1	28.4	28.4
0.0	12.5°	35.2	34.5	32.9	31.4	30.7	29.1	28.4	26.8	26.1	26.1
0.0	15°	35.2	33.7	31.4	29.9	28.4	27.6	26.1	24.5	23.8	23.0
0.0	17.5°	32.9	31.4	29.1	27.6	26.1	24.5	23.0	21.5	20.7	19.9
0.0	20°	29.9	28.4	26.1	23.8	22.2	20.7	19.2	17.6	16.9	16.1
0.0	22.5°	26.8	25.3	23.0	20.7	19.2	17.6	15.3	13.8	13.0	11.5
0.0	25°	25.3	23.0	20.7	18.4	16.1	14.6	12.3	10.0	8.4	6.9
0.0	27.5°	21.5	19.2	16.9	14.6	12.3	10.0	7.7	5.4	3.8	3.1
0.0	30°	18.4	16.1	13.8	11.5	8.4	6.1	3.8	0.8	0.8	0.8
0.0	32.5°	15.3	13.0	10.0	7.7	6.1	3.8	2.3	0.0	0.0	0.0
0.0	35°	12.3	10.0	6.9	4.6	3.8	2.3	1.5	0.0	0.0	0.0
0.0	37.5°	10.7	8.4	5.4	2.3	1.5	1.5	0.8	0.0	0.0	0.0
0.0	40°	10.0	6.9	3.8	0.8	0.8	0.8	0.0	0.0	0.0	0.0
0.0	42.5°	10.0	6.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	10.0	6.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	10.0	6.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	10.7	7.7	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	12.3	9.2	6.1	3.1	2.3	1.5	0.8	0.0	0.0	0.0
0.0	55°	15.3	13.8	11.5	10.0	7.7	5.4	2.3	0.0	0.0	0.0
0.0	57.5°	19.9	19.9	19.2	18.4	13.8	9.2	4.6	0.0	0.0	0.0
0.0	60°	26.8	26.8	26.8	26.8	19.9	13.8	6.9	0.0	0.0	0.0
0.0	62.5°	32.9	31.4	29.1	27.6	20.7	13.8	6.9	0.0	0.0	0.0
0.0	65°	32.9	29.9	26.1	22.2	16.9	11.5	5.4	0.0	0.0	0.0
0.0	67.5°	30.7	24.5	17.6	11.5	8.4	6.1	3.1	0.0	0.0	0.0
	70°	30.7	21.5	12.3	3.1	2.3	1.5	0.8	0.0	0.0	0.0
	72.5°	30.7	20.7	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	33.7	23.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	33.7	23.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	29.9	19.9	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	10.0	6.9	3.1	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°	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
0.0	2.5°	34.5	34.5	34.5	33.7	33.7	33.7	33.7	32.9	32.9	32.9
0.0	5°	31.4	31.4	30.7	30.7	29.9	29.9	29.1	29.1	28.4	28.4
0.0	7.5°	29.1	28.4	28.4	27.6	26.8	26.8	26.1	26.1	25.3	24.5
0.0	10°	26.8	26.1	26.1	25.3	24.5	23.8	23.8	23.0	22.2	21.5
0.0	12.5°	24.5	23.8	23.0	22.2	21.5	20.7	20.7	19.9	19.2	18.4
0.0	15°	21.5	20.7	19.9	19.2	18.4	17.6	17.6	16.9	16.1	15.3
0.0	17.5°	18.4	17.6	17.6	16.9	16.1	15.3	14.6	13.0	12.3	11.5
0.0	20°	13.8	13.0	12.3	11.5	10.7	9.2	8.4	6.9	5.4	4.6
0.0	22.5°	9.2	7.7	6.9	5.4	3.8	3.1	2.3	0.8	0.0	0.0
0.0	25°	3.1	2.3	1.5	0.8	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-SA5A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049297

CATALOG NUMBER: GALN-SA5A-927-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
0.0	2.5°	32.2	32.2	32.2	31.4	31.4	31.4	31.4	31.4	31.4	31.4
0.0	5°	27.6	27.6	27.6	26.8	26.8	26.1	26.1	26.1	25.3	25.3
0.0	7.5°	23.8	23.0	23.0	22.2	22.2	21.5	21.5	21.5	20.7	20.7
0.0	10°	19.9	19.2	19.2	18.4	18.4	17.6	17.6	16.9	16.9	16.1
0.0	12.5°	17.6	16.9	16.1	15.3	15.3	14.6	13.8	13.8	13.0	12.3
0.0	15°	13.8	13.0	12.3	11.5	10.7	10.0	9.2	9.2	8.4	7.7
0.0	17.5°	9.2	7.7	6.9	6.1	6.1	5.4	4.6	3.8	3.1	2.3
0.0	20°	2.3	1.5	0.8	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: P1049297

CATALOG NUMBER: GALN-SA5A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049297

CATALOG NUMBER: GALN-SA5A-927-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°	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
0.0	2.5°	31.4	30.7	30.7	30.7	31.4	31.4	31.4	31.4	31.4	31.4
0.0	5°	25.3	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
0.0	7.5°	20.7	19.9	19.9	19.9	19.9	19.2	19.2	19.2	19.2	19.2
0.0	10°	16.1	15.3	15.3	15.3	15.3	14.6	14.6	14.6	14.6	14.6
0.0	12.5°	11.5	11.5	10.7	10.7	10.7	10.0	10.0	10.0	10.0	9.2
0.0	15°	6.9	6.1	5.4	5.4	5.4	4.6	4.6	4.6	4.6	3.8
0.0	17.5°	1.5	1.5	0.8	0.8	0.8	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-SA5A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049297

CATALOG NUMBER: GALN-SA5A-927-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
0.0	2.5°	32.2	32.2	32.9	32.9	33.7	35.2	36.0	36.8	38.3	39.8
0.0	5°	25.3	26.1	26.1	26.8	27.6	28.4	29.1	29.9	31.4	32.9
0.0	7.5°	19.9	19.9	20.7	20.7	21.5	23.0	23.8	24.5	26.1	28.4
0.0	10°	15.3	15.3	16.1	16.1	16.9	18.4	19.2	19.9	21.5	23.8
0.0	12.5°	10.0	10.7	10.7	11.5	12.3	13.8	14.6	15.3	16.9	18.4
0.0	15°	4.6	5.4	5.4	6.1	6.9	8.4	9.2	10.0	11.5	13.8
0.0	17.5°	0.8	0.8	1.5	1.5	2.3	3.1	3.8	4.6	6.9	8.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.1
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
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: P1049297

CATALOG NUMBER: GALN-SA5A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049297

CATALOG NUMBER: GALN-SA5A-927-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°	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
0.0	2.5°	42.1	43.7	45.2	46.7	48.3	49.8	50.6	52.1	52.9	53.6
0.0	5°	36.0	37.5	39.8	41.4	42.9	44.4	46.0	46.7	47.5	48.3
0.0	7.5°	31.4	32.9	35.2	36.8	38.3	39.8	41.4	42.9	43.7	44.4
0.0	10°	26.8	29.1	30.7	32.9	34.5	36.0	37.5	39.1	40.6	41.4
0.0	12.5°	21.5	23.8	26.1	27.6	29.9	32.2	33.7	35.2	36.8	38.3
0.0	15°	16.9	19.2	21.5	23.0	25.3	27.6	29.9	31.4	32.9	34.5
0.0	17.5°	12.3	14.6	16.9	18.4	20.7	23.0	24.5	26.8	28.4	29.9
0.0	20°	6.1	8.4	10.7	13.0	15.3	17.6	19.2	21.5	23.0	24.5
0.0	22.5°	0.8	3.1	5.4	6.9	9.2	11.5	13.0	15.3	16.9	18.4
0.0	25°	0.0	0.8	2.3	3.1	3.8	5.4	6.9	8.4	10.0	11.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.8	1.5	3.1	4.6	6.1
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
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	0.8
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.5
	85°	0.0	0.0	0.0	0.0	0.0	1.5	2.3	3.8	4.6	5.4
	87.5°	0.0	0.8	1.5	2.3	3.1	4.6	6.1	7.7	8.4	9.2
	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: P1049297

CATALOG NUMBER: GALN-SA5A-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
44.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.8											
3.1											
6.9											
10.0											
0.0											
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REPORT NUMBER: P1049297

CATALOG NUMBER: GALN-SA5A-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
0.0	2.5°	54.4	54.4	54.4	54.4	53.6	53.6	53.6	52.9	52.9	52.1
0.0	5°	49.8	50.6	50.6	50.6	50.6	50.6	50.6	50.6	49.8	49.8
0.0	7.5°	46.0	46.7	47.5	47.5	48.3	48.3	48.3	47.5	47.5	46.7
0.0	10°	43.7	44.4	44.4	45.2	45.2	45.2	45.2	45.2	45.2	45.2
0.0	12.5°	40.6	41.4	42.1	42.1	42.9	42.9	42.9	42.9	42.1	42.1
0.0	15°	36.8	38.3	39.1	39.8	39.8	40.6	40.6	40.6	40.6	40.6
0.0	17.5°	33.7	35.2	36.0	36.8	36.8	37.5	37.5	38.3	38.3	38.3
0.0	20°	27.6	29.1	29.9	31.4	32.2	32.9	33.7	34.5	34.5	35.2
0.0	22.5°	21.5	23.0	23.8	25.3	26.1	26.8	27.6	28.4	29.1	29.9
0.0	25°	15.3	16.9	17.6	19.2	19.9	20.7	21.5	22.2	22.2	23.0
0.0	27.5°	8.4	10.0	11.5	12.3	13.8	14.6	15.3	16.1	16.9	17.6
0.0	30°	3.8	4.6	5.4	6.9	7.7	8.4	9.2	10.7	11.5	12.3
0.0	32.5°	0.0	0.0	0.8	2.3	3.1	3.8	4.6	5.4	5.4	6.1
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.5	2.3	3.1
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°	1.5	1.5	1.5	2.3	2.3	2.3	2.3	2.3	2.3	2.3
	82.5°	3.8	4.6	5.4	5.4	6.1	6.1	6.1	6.1	5.4	5.4
	85°	7.7	8.4	9.2	9.2	10.0	10.0	10.0	10.0	10.0	10.0
	87.5°	10.7	11.5	12.3	12.3	13.0	13.0	13.0	13.0	13.0	13.0
	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: P1049297

CATALOG NUMBER: GALN-SA5A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049297

CATALOG NUMBER: GALN-SA5A-927-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°	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
0.0	2.5°	51.3	51.3	50.6	50.6	50.6	50.6	50.6	51.3	52.1	52.1
0.0	5°	49.0	49.0	48.3	48.3	48.3	49.0	49.0	49.8	50.6	51.3
0.0	7.5°	46.7	46.0	46.0	46.7	46.7	47.5	47.5	48.3	49.0	49.8
0.0	10°	45.2	44.4	44.4	44.4	45.2	45.2	46.0	46.7	47.5	48.3
0.0	12.5°	42.1	42.1	42.1	42.1	42.9	42.9	43.7	44.4	46.0	46.7
0.0	15°	40.6	39.8	39.8	39.8	39.8	40.6	40.6	42.1	43.7	44.4
0.0	17.5°	37.5	37.5	36.8	36.8	37.5	37.5	38.3	39.8	41.4	42.1
0.0	20°	34.5	33.7	32.9	32.9	33.7	33.7	34.5	36.0	37.5	38.3
0.0	22.5°	29.9	29.1	29.1	29.1	29.1	29.9	29.9	31.4	33.7	35.2
0.0	25°	23.8	24.5	24.5	25.3	25.3	26.1	26.8	28.4	30.7	32.2
0.0	27.5°	18.4	19.2	19.2	20.7	21.5	22.2	23.0	25.3	27.6	29.1
0.0	30°	13.8	14.6	15.3	16.1	17.6	19.2	20.7	23.0	25.3	26.8
0.0	32.5°	8.4	10.0	10.7	12.3	13.8	15.3	16.9	19.2	22.2	24.5
0.0	35°	6.1	6.9	8.4	9.2	10.7	12.3	13.8	16.9	19.2	22.2
0.0	37.5°	3.1	4.6	6.1	7.7	9.2	10.7	12.3	15.3	18.4	20.7
0.0	40°	2.3	3.8	4.6	6.1	8.4	10.0	11.5	14.6	17.6	20.7
0.0	42.5°	1.5	2.3	3.1	5.4	6.9	9.2	11.5	14.6	17.6	20.7
0.0	45°	1.5	1.5	2.3	4.6	6.9	10.0	12.3	15.3	17.6	20.7
0.0	47.5°	1.5	2.3	3.1	6.1	7.7	10.0	12.3	14.6	17.6	19.9
0.0	50°	2.3	3.1	3.8	6.9	8.4	10.7	12.3	15.3	17.6	20.7
0.0	52.5°	1.5	2.3	3.1	6.1	8.4	11.5	13.8	16.9	19.9	22.2
0.0	55°	0.8	0.8	0.8	4.6	9.2	13.0	17.6	19.9	23.0	25.3
0.0	57.5°	0.0	0.0	0.0	3.1	9.2	14.6	19.9	23.0	26.1	28.4
0.0	60°	0.0	0.0	0.0	3.1	9.2	14.6	19.9	23.8	27.6	31.4
0.0	62.5°	0.0	0.0	0.0	3.1	7.7	12.3	16.9	23.0	29.9	36.0
0.0	65°	0.0	0.0	0.0	2.3	6.1	10.0	13.8	23.0	32.2	40.6
0.0	67.5°	0.0	0.0	0.0	2.3	6.1	9.2	13.0	23.0	32.2	42.1
	70°	0.0	0.0	0.0	2.3	6.1	10.0	13.8	23.0	32.2	41.4
	72.5°	0.0	0.0	0.0	2.3	6.9	10.7	15.3	23.0	30.7	38.3
	75°	0.0	0.0	0.0	3.1	6.9	11.5	16.1	23.0	29.9	36.0
	77.5°	0.0	0.0	0.0	2.3	6.9	10.7	15.3	22.2	29.1	35.2
	80°	2.3	1.5	1.5	3.8	6.9	10.0	13.0	19.9	27.6	34.5
	82.5°	4.6	4.6	3.8	5.4	6.9	9.2	11.5	17.6	24.5	30.7
	85°	9.2	9.2	8.4	9.2	9.2	10.0	10.7	13.8	16.9	19.9
	87.5°	12.3	12.3	11.5	11.5	11.5	10.7	10.7	10.7	10.7	10.0
	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: P1049297

CATALOG NUMBER: GALN-SA5A-927-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
44.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.6											
46.0											
42.9											
42.1											
41.4											
36.8											
23.0											
10.0											
0.0											
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REPORT NUMBER: P1049297

CATALOG NUMBER: GALN-SA5A-927-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
0.0	2.5°	53.6	54.4	54.4	55.2	55.9	56.7	56.7	57.5	57.5	57.5
0.0	5°	52.9	54.4	55.2	55.9	56.7	57.5	58.2	59.0	59.8	59.8
0.0	7.5°	52.1	52.9	54.4	55.2	56.7	57.5	59.0	59.8	60.5	61.3
0.0	10°	50.6	52.1	53.6	55.2	56.7	58.2	59.8	61.3	62.8	63.6
0.0	12.5°	49.0	51.3	52.9	54.4	56.7	59.0	60.5	62.8	64.4	65.9
0.0	15°	48.3	49.8	52.1	53.6	56.7	59.8	62.1	65.1	68.2	70.5
0.0	17.5°	46.0	49.0	51.3	53.6	56.7	60.5	63.6	66.7	71.3	75.9
0.0	20°	42.9	45.2	48.3	50.6	55.2	59.0	63.6	67.4	74.3	81.2
0.0	22.5°	39.8	42.9	45.2	48.3	53.6	58.2	63.6	68.2	79.7	90.4
0.0	25°	36.8	40.6	43.7	46.7	52.9	59.0	65.1	71.3	90.4	109.6
0.0	27.5°	35.2	38.3	42.1	45.2	52.9	61.3	69.0	76.6	107.3	137.2
0.0	30°	32.9	36.8	39.8	43.7	53.6	63.6	73.6	83.5	130.3	177.0
0.0	32.5°	30.7	34.5	38.3	42.1	55.2	68.2	80.5	93.5	154.8	215.3
0.0	35°	28.4	32.9	36.8	40.6	57.5	75.1	92.0	108.8	177.0	244.4
0.0	37.5°	27.6	32.2	36.0	39.8	58.2	75.9	94.2	111.9	179.3	246.7
0.0	40°	28.4	32.2	36.8	40.6	55.9	71.3	85.8	101.1	171.6	241.4
0.0	42.5°	28.4	32.9	37.5	42.1	54.4	66.7	78.9	91.2	169.3	247.5
0.0	45°	27.6	32.2	36.8	41.4	52.9	63.6	75.1	85.8	183.1	279.7
0.0	47.5°	26.8	31.4	36.0	40.6	52.1	63.6	75.1	86.6	236.8	386.2
0.0	50°	26.8	31.4	35.2	39.1	52.9	67.4	81.2	95.0	344.8	593.8
0.0	52.5°	28.4	32.2	35.2	38.3	54.4	71.3	87.4	103.4	438.3	772.4
0.0	55°	30.7	32.9	36.0	38.3	58.2	77.4	97.3	116.5	466.6	816.8
0.0	57.5°	33.7	36.0	38.3	40.6	65.1	89.7	113.4	137.9	468.9	799.2
0.0	60°	37.5	40.6	42.9	45.2	71.3	98.1	124.1	150.2	424.5	698.1
0.0	62.5°	46.0	49.8	52.9	56.7	82.0	106.5	131.8	156.3	352.5	548.6
0.0	65°	52.9	55.9	59.0	62.1	86.6	111.9	136.4	160.9	298.8	436.8
0.0	67.5°	54.4	57.5	59.8	62.8	88.1	113.4	137.9	163.2	255.9	347.9
	70°	55.2	59.0	63.6	67.4	93.5	119.5	144.8	170.9	226.8	282.7
	72.5°	52.9	60.5	67.4	74.3	98.8	122.6	147.1	170.9	210.7	250.6
	75°	52.9	63.6	73.6	83.5	101.9	119.5	137.9	155.5	186.2	216.8
	77.5°	55.9	69.7	83.5	97.3	108.0	118.0	128.7	138.7	158.6	178.5
	80°	55.9	70.5	84.3	98.8	103.4	108.8	113.4	118.0	120.3	122.6
	82.5°	48.3	59.8	71.3	82.8	77.4	72.0	66.7	61.3	57.5	52.9
	85°	24.5	26.8	28.4	29.9	27.6	25.3	23.0	20.7	19.2	16.9
	87.5°	10.0	10.0	9.2	9.2	9.2	9.2	8.4	8.4	8.4	8.4
	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: P1049297

CATALOG NUMBER: GALN-SA5A-927-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
44.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
226.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
307.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
383.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
436.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
475.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
514.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
590.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
744.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1134.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1737.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2186.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2236.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1725.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1348.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1019.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
752.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
532.5											
396.2											
288.1											
216.8											
121.8											
55.2											
16.1											
7.7											
0.0											
0.0											
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REPORT NUMBER: P1049297

CATALOG NUMBER: GALN-SA5A-927-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°	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
0.0	2.5°	57.5	56.7	56.7	55.9	55.2	54.4	53.6	52.9	52.1	51.3
0.0	5°	59.8	59.8	59.8	59.0	59.0	58.2	58.2	57.5	56.7	55.9
0.0	7.5°	62.1	62.8	62.8	63.6	63.6	63.6	63.6	62.8	62.8	62.8
0.0	10°	65.9	66.7	67.4	68.2	69.0	69.7	69.7	70.5	70.5	70.5
0.0	12.5°	70.5	72.8	74.3	76.6	78.2	80.5	82.0	84.3	85.8	87.4
0.0	15°	77.4	81.2	85.8	89.7	93.5	98.8	105.0	110.3	115.7	124.1
0.0	17.5°	87.4	99.6	111.9	123.4	135.6	162.4	189.3	215.3	242.1	281.2
0.0	20°	106.5	143.3	179.3	216.1	252.1	346.3	439.8	534.1	627.6	727.9
0.0	22.5°	149.4	239.8	330.3	420.7	511.1	708.0	904.2	1101.1	1297.3	1527.9
0.0	25°	216.8	383.1	549.4	714.9	881.2	1189.2	1498.0	1806.1	2114.1	2413.7
0.0	27.5°	315.7	570.1	824.5	1078.1	1332.5	1750.1	2168.5	2586.1	3003.7	3342.4
0.0	30°	437.5	782.3	1127.2	1472.0	1816.8	2291.9	2766.9	3241.3	3716.3	4086.4
0.0	32.5°	552.5	974.7	1396.9	1818.3	2240.5	2781.5	3323.2	3864.2	4405.2	4809.8
0.0	35°	627.6	1137.9	1649.0	2159.3	2669.6	3255.0	3840.5	4425.1	5010.5	5472.6
0.0	37.5°	702.7	1291.9	1880.4	2469.6	3058.1	3701.0	4343.9	4986.8	5629.7	6200.5
0.0	40°	786.9	1478.1	2168.5	2859.7	3550.1	4311.7	5072.6	5834.3	6595.1	7400.5
0.0	42.5°	933.3	1786.9	2641.3	3494.9	4348.5	5356.1	6363.7	7370.6	8378.2	9527.6
0.0	45°	1208.4	2411.4	3615.2	4818.2	6021.2	7356.0	8691.6	10026.4	11361.2	12890.7
0.0	47.5°	1881.9	3537.0	5191.4	6846.5	8500.8	9942.1	11382.7	12824.0	14264.6	15787.9
0.0	50°	2879.6	4805.9	6732.3	8657.9	10584.3	11888.4	13191.8	14496.0	15799.4	17248.4
0.0	52.5°	3601.4	5608.2	7615.8	9622.6	11629.4	12806.4	13984.1	15161.1	16338.1	17692.0
0.0	55°	3655.8	5651.1	7647.2	9642.5	11637.9	12820.2	14002.5	15184.9	16367.2	17802.4
0.0	57.5°	3236.7	5215.9	7194.4	9173.6	11152.1	12498.4	13843.9	15190.2	16535.8	18087.4
0.0	60°	2753.2	4733.2	6712.4	8692.4	10671.6	12222.5	13774.2	15325.1	16876.0	18329.6
0.0	62.5°	2147.8	4184.5	6222.0	8258.7	10295.4	11870.0	13444.7	15018.6	16593.2	17683.6
0.0	65°	1600.7	3578.4	5556.1	7533.0	9510.7	10772.0	12033.3	13293.7	14555.0	15230.1
0.0	67.5°	1157.0	2862.7	4567.6	6273.3	7978.2	8880.9	9783.5	10685.4	11588.1	12104.5
	70°	782.3	1963.9	3144.7	4326.3	5507.1	6248.8	6991.3	7733.0	8474.8	9172.1
	72.5°	541.7	1205.3	1869.7	2533.2	3196.8	3943.1	4688.7	5435.0	6180.6	6918.5
	75°	359.4	661.3	963.9	1265.9	1567.8	2120.2	2673.5	3225.9	3778.4	4218.2
	77.5°	255.2	345.6	436.8	527.2	617.6	721.0	825.3	928.7	1032.1	1189.2
	80°	121.1	132.6	144.1	154.8	166.3	203.8	241.4	278.9	316.5	356.3
	82.5°	57.5	62.1	66.7	70.5	75.1	78.9	82.8	86.6	90.4	86.6
	85°	15.3	15.3	16.1	16.1	16.1	16.1	16.1	16.1	16.1	15.3
	87.5°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.1	6.1	5.4
	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: P1049297

CATALOG NUMBER: GALN-SA5A-927-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
44.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
319.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
829.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1758.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2713.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3681.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4457.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5215.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5934.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6772.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8205.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10677.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14420.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17311.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18697.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19046.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19238.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19639.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19782.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18774.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15905.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12621.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9868.6											
7656.4											
4658.1											
1346.3											
396.2											
82.0											
14.6											
5.4											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1049297

CATALOG NUMBER: GALN-SA5A-927-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
0.0	2.5°	49.8	49.0	48.3	47.5	46.7	45.2	45.2	44.4	44.4
0.0	5°	54.4	53.6	52.9	52.1	52.1	51.3	50.6	50.6	49.8
0.0	7.5°	62.1	61.3	60.5	59.8	59.8	59.0	59.0	58.2	58.2
0.0	10°	71.3	71.3	71.3	71.3	71.3	70.5	70.5	70.5	69.7
0.0	12.5°	89.7	90.4	92.0	93.5	95.8	95.8	95.8	95.0	95.0
0.0	15°	141.8	150.2	156.3	162.4	167.8	180.1	178.5	176.2	174.7
0.0	17.5°	358.6	396.9	417.6	437.5	458.2	514.9	505.7	496.5	488.1
0.0	20°	929.5	1029.8	1096.5	1163.2	1230.6	1337.1	1311.1	1285.0	1259.0
0.0	22.5°	1988.4	2219.1	2319.5	2419.8	2519.4	2648.2	2564.7	2481.1	2398.4
0.0	25°	3012.1	3311.8	3481.1	3650.4	3819.0	3892.6	3783.8	3674.2	3565.4
0.0	27.5°	4019.8	4358.5	4507.9	4656.5	4805.9	4960.0	4825.1	4689.5	4554.6
0.0	30°	4827.4	5197.5	5359.2	5520.1	5681.8	5789.0	5649.6	5509.4	5369.9
0.0	32.5°	5619.7	6024.3	6201.3	6378.3	6554.5	6708.6	6536.9	6364.5	6192.9
0.0	35°	6395.9	6858.0	7101.6	7345.3	7589.0	7732.3	7528.4	7323.9	7120.0
0.0	37.5°	7343.0	7913.9	8186.7	8459.4	8732.2	8993.5	8769.0	8543.7	8319.2
0.0	40°	9011.1	9816.5	10234.9	10654.0	11072.4	11409.5	11126.0	10842.5	10559.0
0.0	42.5°	11826.4	12975.7	13577.3	14178.0	14779.5	15305.9	15007.9	14709.8	14411.7
0.0	45°	15949.6	17479.0	18212.3	18944.9	19678.2	20062.8	19633.7	19203.9	18774.8
0.0	47.5°	18833.8	20357.1	21009.9	21662.8	22315.6	22754.7	22229.8	21704.9	21180.8
0.0	50°	20145.6	21594.6	22249.7	22904.1	23559.2	23907.9	23301.8	22694.9	22088.8
0.0	52.5°	20399.2	21753.2	22534.8	23317.1	24098.7	24564.6	23848.9	23132.4	22416.8
0.0	55°	20673.5	22108.7	23015.2	23922.5	24828.9	25474.1	24665.0	23855.0	23045.9
0.0	57.5°	21190.0	22741.7	23645.8	24549.2	25453.4	26001.3	25189.8	24377.6	23566.1
0.0	60°	21236.0	22688.8	23465.8	24243.5	25020.5	25365.3	24589.1	23812.1	23035.9
0.0	62.5°	19865.1	20955.5	21495.0	22034.4	22573.8	22948.5	22138.6	21327.9	20518.0
0.0	65°	16581.0	17256.0	17685.9	18115.8	18545.6	18992.4	18250.6	17508.9	16767.2
0.0	67.5°	13138.2	13654.6	14220.9	14787.2	15353.4	15830.8	15237.0	14642.4	14048.5
	70°	10565.9	11262.4	11899.2	12535.9	13172.7	13563.5	12967.3	12370.4	11774.3
	72.5°	8394.3	9132.2	9664.0	10195.0	10726.8	10822.6	10384.3	9946.0	9508.4
	75°	5097.1	5537.0	5547.7	5557.6	5568.4	5659.6	5296.3	4933.1	4570.7
	77.5°	1503.4	1660.5	1790.0	1918.7	2048.2	2204.5	2071.2	1937.1	1803.8
	80°	435.2	475.1	508.8	541.7	575.5	555.5	524.1	492.7	461.3
	82.5°	78.2	73.6	72.8	72.0	72.0	68.2	62.1	55.9	49.8
	85°	13.8	13.0	12.3	11.5	10.7	10.0	8.4	7.7	6.1
	87.5°	4.6	3.8	3.1	2.3	2.3	0.8	0.8	0.8	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: P1049297

CATALOG NUMBER: GALN-SA5A-927-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°	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
0.0	0.0	2.5°	43.7	42.9	42.9	42.9	42.9	42.1	42.1	42.1	42.1
0.0	0.0	5°	48.3	48.3	47.5	47.5	46.7	46.7	46.0	46.0	45.2
0.0	0.0	7.5°	56.7	55.9	55.2	54.4	53.6	52.1	51.3	50.6	50.6
0.0	0.0	10°	68.2	66.7	65.9	64.4	63.6	62.1	60.5	59.0	57.5
0.0	0.0	12.5°	89.7	86.6	84.3	81.2	78.2	75.9	72.8	70.5	67.4
0.0	0.0	15°	155.5	147.9	139.5	129.5	118.8	108.8	98.1	92.0	85.1
0.0	0.0	17.5°	397.7	357.8	317.2	284.3	251.3	219.1	186.2	162.4	138.7
0.0	0.0	20°	1012.2	901.9	791.5	682.7	573.2	464.4	354.8	299.6	244.4
0.0	0.0	22.5°	1904.9	1700.3	1495.0	1296.5	1097.3	898.8	700.4	575.5	451.3
0.0	0.0	25°	2940.1	2682.7	2425.2	2098.8	1771.6	1445.2	1118.7	915.7	712.6
0.0	0.0	27.5°	3825.9	3529.4	3232.8	2835.9	2439.0	2042.1	1645.1	1342.5	1040.6
0.0	0.0	30°	4592.9	4274.2	3955.4	3493.4	3031.3	2569.3	2107.2	1728.7	1350.1
0.0	0.0	32.5°	5258.0	4876.4	4494.8	4018.2	3541.6	3065.0	2588.4	2124.1	1659.7
0.0	0.0	35°	6025.1	5579.9	5133.9	4605.2	4075.7	3547.0	3018.3	2494.2	1969.3
0.0	0.0	37.5°	6999.7	6453.4	5906.3	5317.0	4727.8	4139.3	3550.1	2950.8	2351.6
0.0	0.0	40°	8865.6	8160.6	7455.7	6707.0	5957.6	5209.0	4460.4	3724.8	2989.2
0.0	0.0	42.5°	12208.7	11256.3	10303.8	9307.7	8310.8	7314.7	6317.8	5280.3	4242.0
0.0	0.0	45°	15981.8	14800.2	13617.9	12499.9	11381.2	10263.2	9145.2	7721.5	6297.8
0.0	0.0	47.5°	18103.5	16827.7	15551.9	14493.7	13435.5	12377.3	11319.1	9784.3	8249.5
0.0	0.0	50°	18884.3	17585.5	16286.7	15312.8	14338.1	13364.2	12389.6	10852.5	9314.6
0.0	0.0	52.5°	19050.6	17725.8	16400.9	15420.9	14440.8	13461.6	12481.5	10954.4	9427.2
0.0	0.0	55°	19392.4	17971.0	16548.8	15431.6	14314.4	13197.2	12080.0	10528.3	8976.7
0.0	0.0	57.5°	19839.1	18381.7	16924.3	15651.5	14378.8	13106.8	11834.0	10137.5	8441.1
0.0	0.0	60°	19721.8	18453.7	17184.8	15821.6	14457.7	13094.5	11730.6	9864.8	7998.2
0.0	0.0	62.5°	17686.7	16676.8	15666.1	14545.0	13423.2	12302.2	11181.2	9260.2	7339.2
0.0	0.0	65°	14550.4	13813.3	13076.1	12174.2	11271.6	10369.7	9467.8	7745.3	6023.5
0.0	0.0	67.5°	11792.7	10962.0	10130.6	9411.9	8692.4	7973.6	7254.1	5898.6	4543.1
		70°	9369.0	8465.6	7561.4	6859.5	6156.9	5455.0	4753.1	3852.0	2951.6
		72.5°	7440.3	6625.8	5811.3	5062.6	4313.2	3564.6	2815.2	2282.7	1750.1
		75°	3556.2	3230.5	2904.9	2513.3	2121.8	1730.2	1338.6	1106.5	875.1
		77.5°	1318.0	1142.5	966.2	806.9	647.5	488.9	329.5	301.9	274.3
		80°	341.0	297.3	252.9	221.4	189.3	157.8	126.4	114.2	102.7
		82.5°	39.1	36.0	33.7	32.2	29.9	28.4	26.1	23.8	21.5
		85°	2.3	1.5	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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CATALOG NUMBER: GALN-SA5A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049297

CATALOG NUMBER: GALN-SA5A-927-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	44.4	44.4
0.0	0.0	2.5°	41.4	40.6
0.0	0.0	5°	43.7	42.9
0.0	0.0	7.5°	48.3	46.7
0.0	0.0	10°	52.9	51.3
0.0	0.0	12.5°	59.8	57.5
0.0	0.0	15°	67.4	62.8
0.0	0.0	17.5°	80.5	70.5
0.0	0.0	20°	108.8	83.5
0.0	0.0	22.5°	153.3	104.2
0.0	0.0	25°	225.3	144.1
0.0	0.0	27.5°	313.4	191.6
0.0	0.0	30°	416.8	239.8
0.0	0.0	32.5°	508.0	285.8
0.0	0.0	35°	626.8	332.6
0.0	0.0	37.5°	773.2	392.3
0.0	0.0	40°	1000.0	482.7
0.0	0.0	42.5°	1408.4	649.8
0.0	0.0	45°	2287.3	1123.3
0.0	0.0	47.5°	3519.4	1858.2
0.0	0.0	50°	4305.6	2371.6
0.0	0.0	52.5°	4369.9	2367.7
0.0	0.0	55°	3989.1	2104.9
0.0	0.0	57.5°	3403.7	1759.3
0.0	0.0	60°	2829.0	1391.5
0.0	0.0	62.5°	2229.0	960.9
0.0	0.0	65°	1629.1	679.7
0.0	0.0	67.5°	1170.1	508.0
		70°	769.3	389.3
		72.5°	501.1	317.2
		75°	337.2	262.8
		77.5°	196.9	174.7
		80°	69.7	61.3
		82.5°	13.0	9.2
		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: P1049297

CATALOG NUMBER: GALN-SA5A-927-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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-13

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-927-U-5WQ

Data in this report applies to families of products including GSS-SB1A-927-U-5WQ

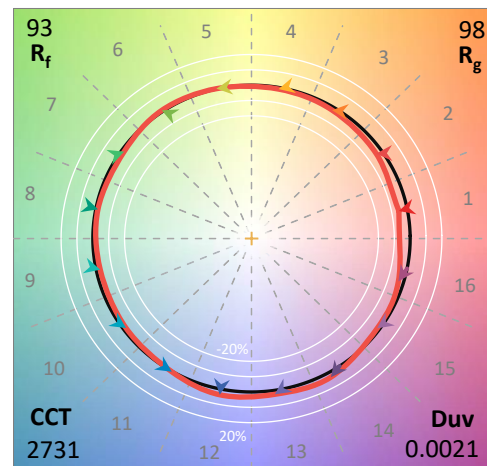
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-13
 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-927-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2731
 CIE u' : 0.2605
 CIE v' : 0.5298
 Duv: 0.0021
 CIE x: 0.4610
 CIE y: 0.4166
 CIE z: 0.1224
 Peak Wavelength (nm): 622
 Dominant Wavelength (nm): 583
 Purity: 63.43685
 R_f: 92.6
 R_g: 98

CRI (Ra): 91.8
 R1: 91.4
 R2: 95.1
 R3: 97.6
 R4: 92.3
 R5: 91.1
 R6: 94.7
 R7: 92.3
 R8: 80.0
 R9: 54.7
 R10: 87.7
 R11: 92.9
 R12: 84.0
 R13: 92.2
 R14: 97.8
 R15: 86.8



Test Conditions

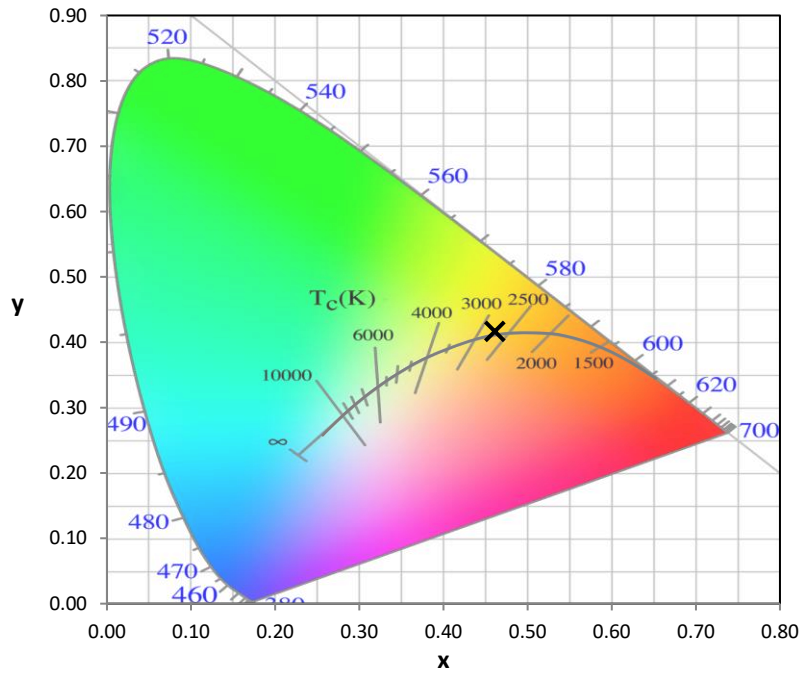
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-13

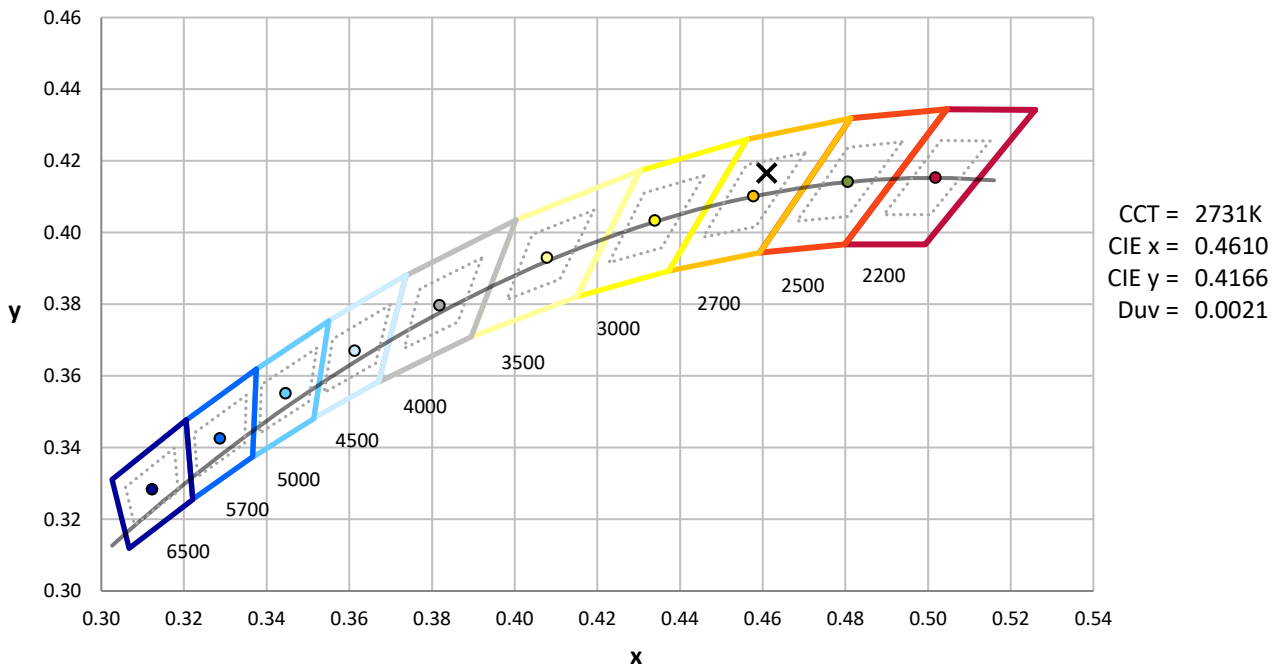
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



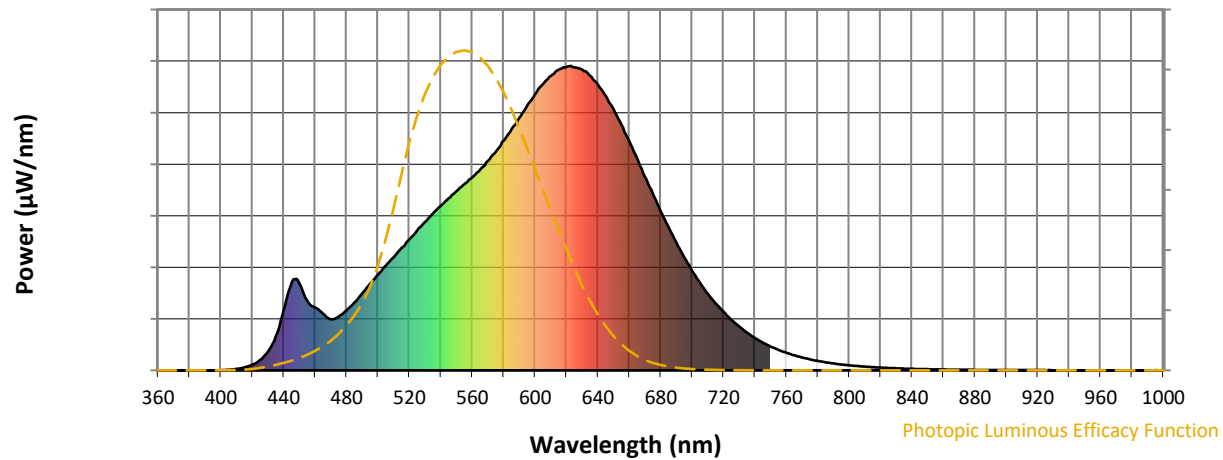
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

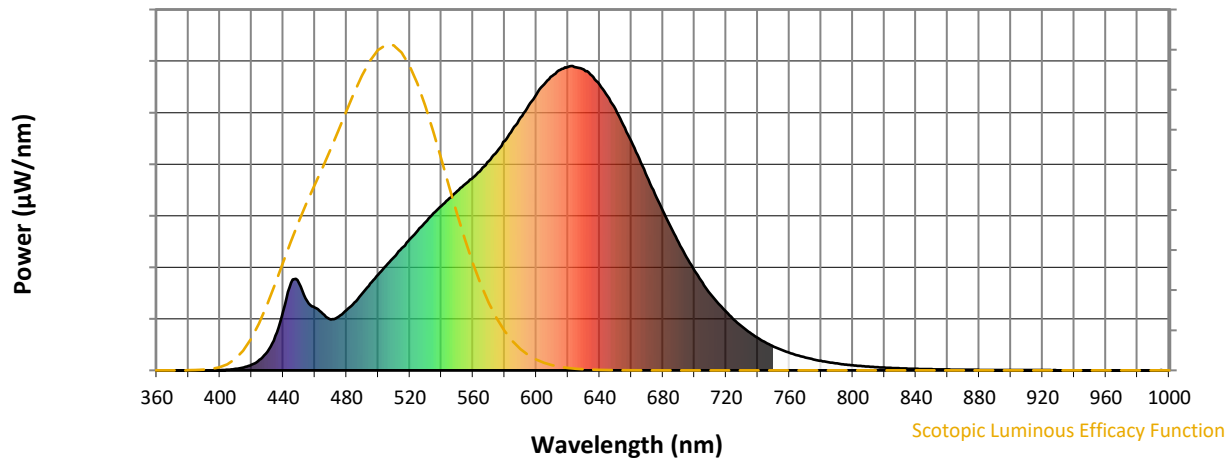


Photopic Lumens: NR

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



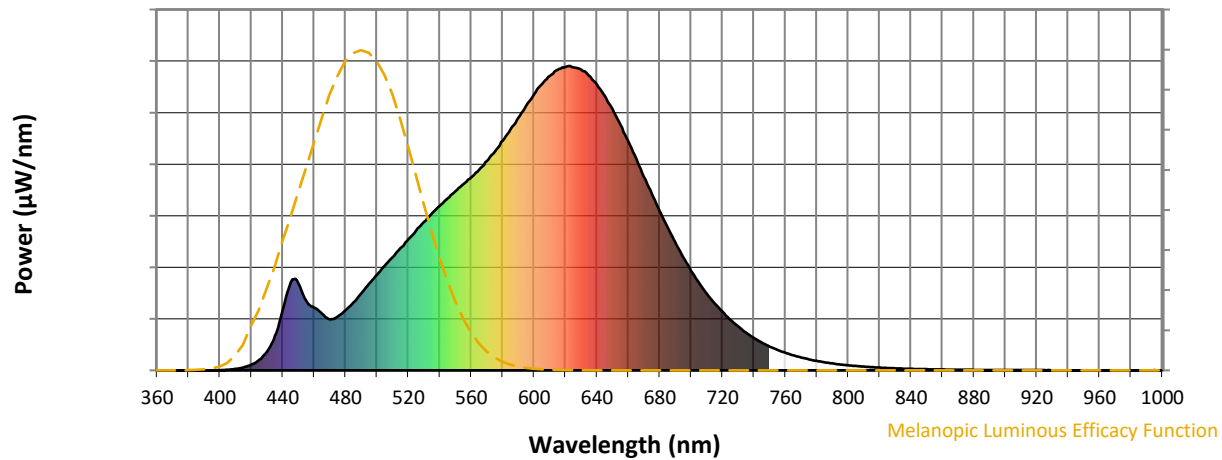
Scotopic Lumens: NR

S/P: 1.27

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

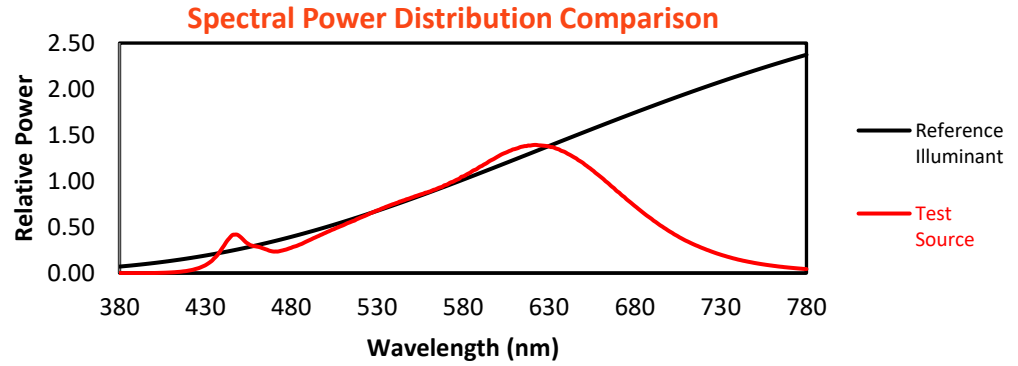
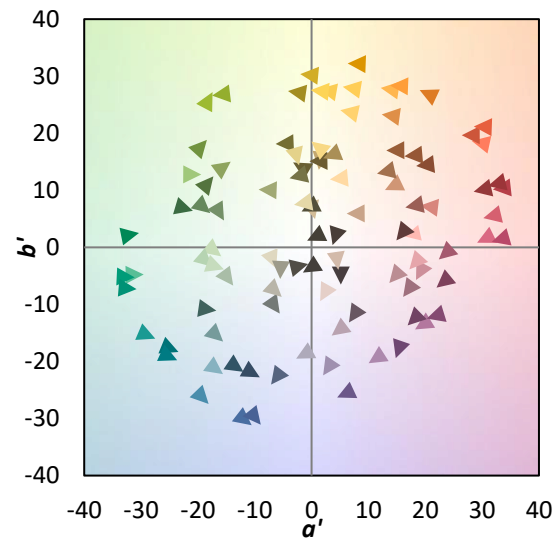
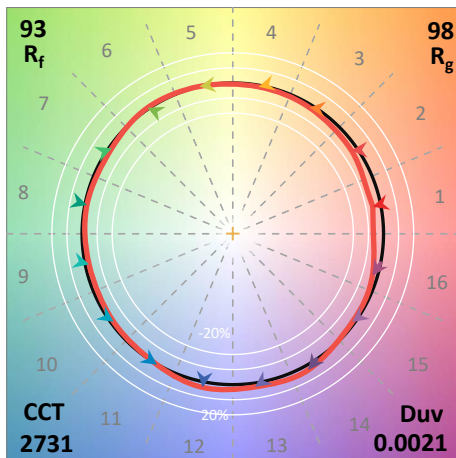
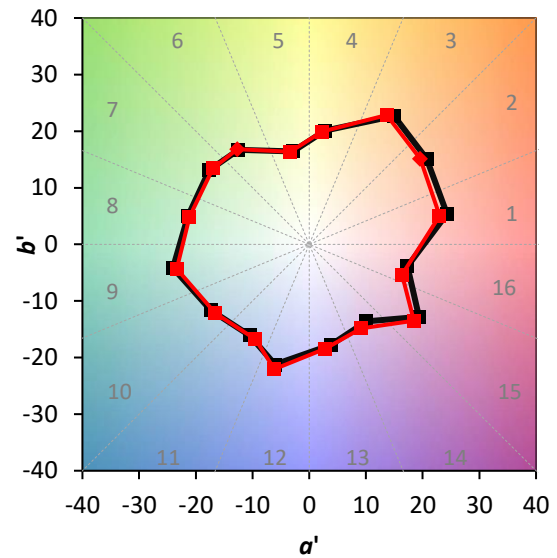
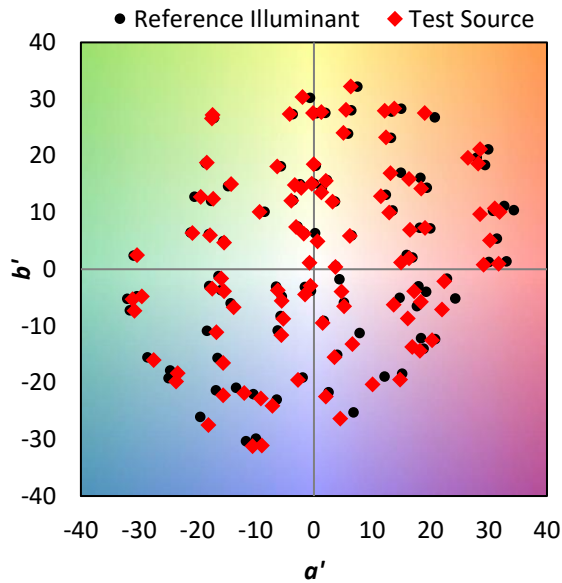
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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.38

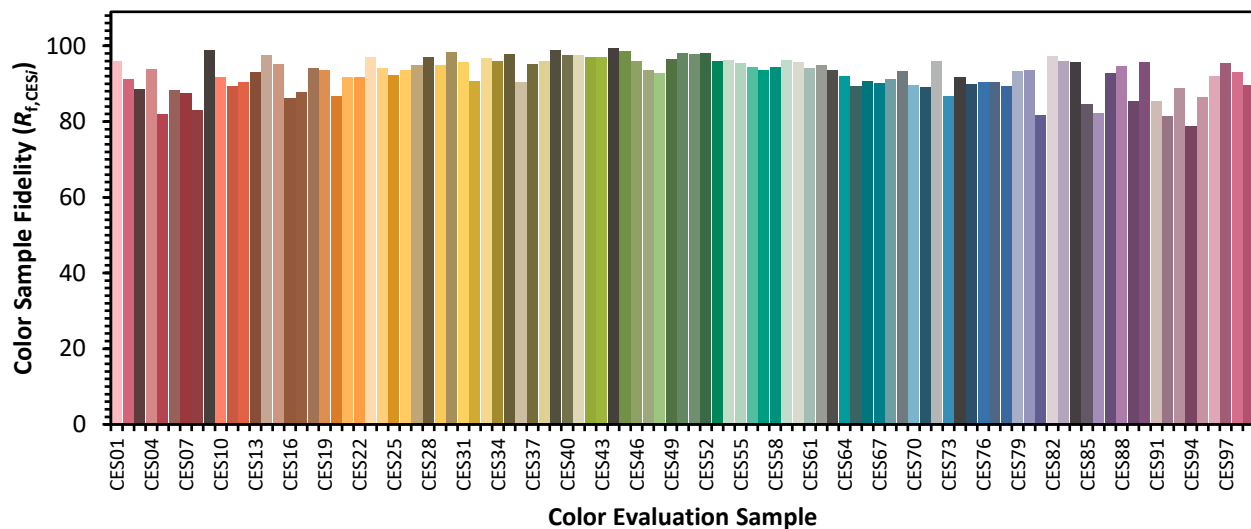
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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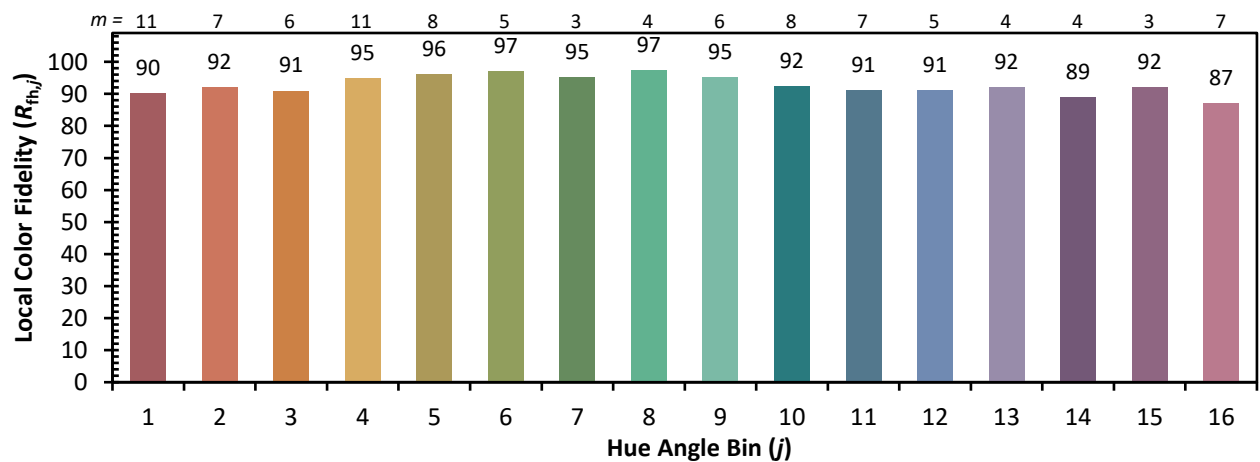
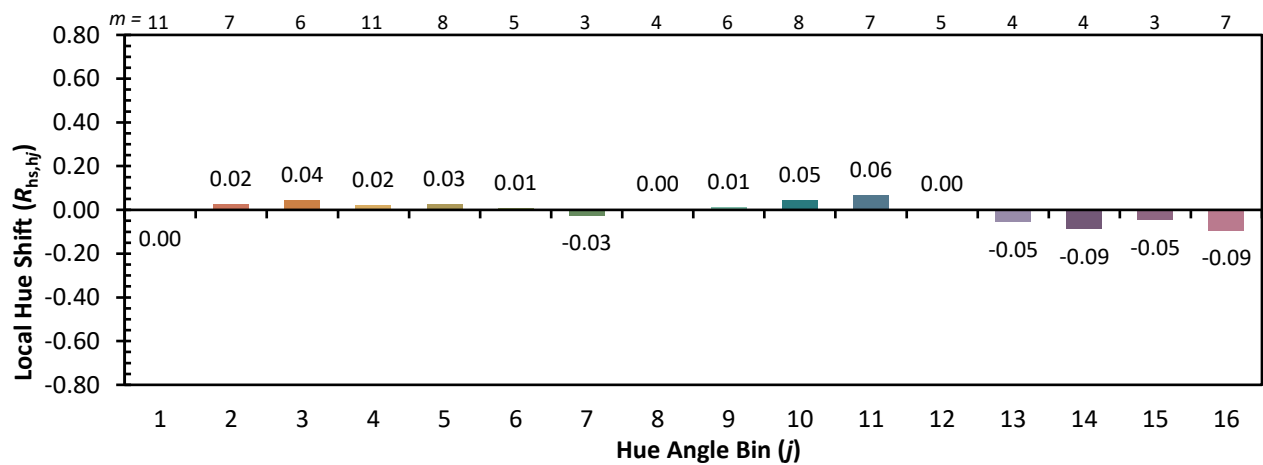
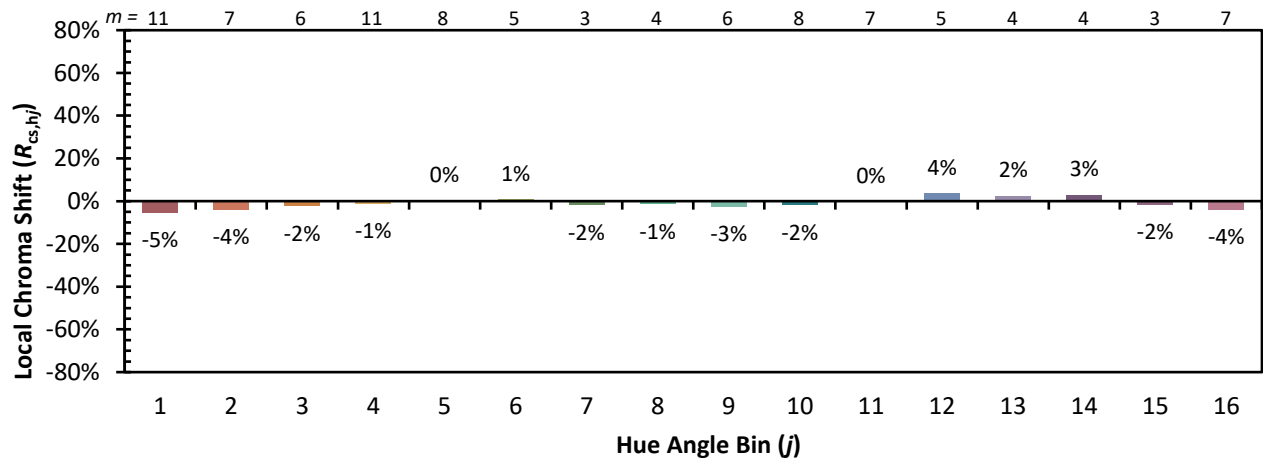
TM-30-18
Summary
 $R_f = 92.6$
 $R_g = 98$
 $CIE\ R_a = 91.8$
 $R_9 = 54.7$

Color Vector Graphics


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

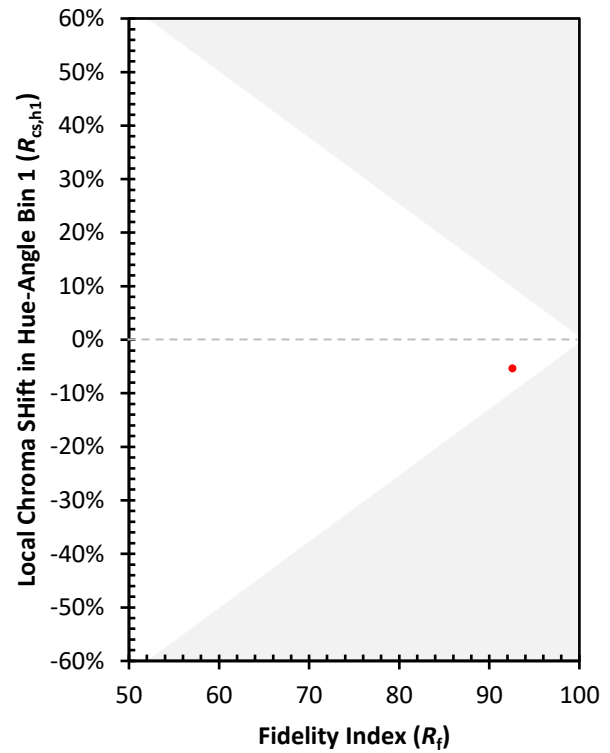
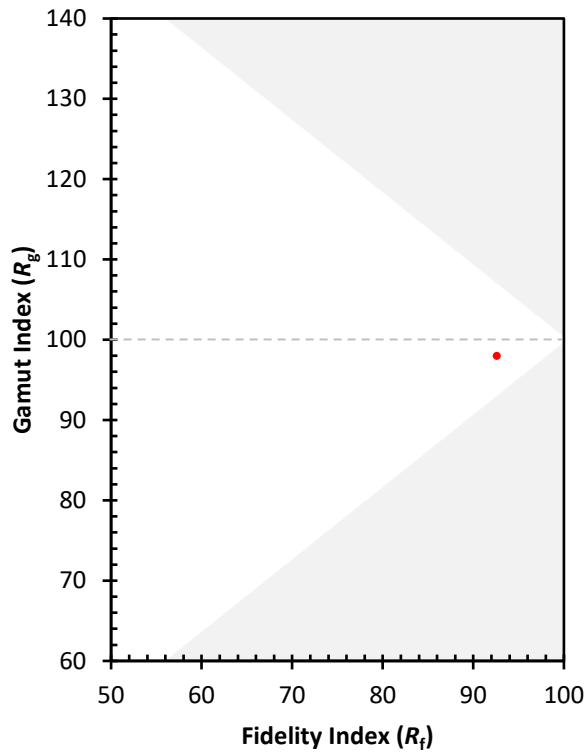
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 43	CES33 = 97	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 96	CES59 = 96	CES84 = 96
CES10 = 77	CES35 = 98	CES60 = 96	CES85 = 85
CES11 = 59	CES36 = 90	CES61 = 94	CES86 = 82
CES12 = 66	CES37 = 95	CES62 = 95	CES87 = 93
CES13 = 44	CES38 = 96	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 91	CES91 = 85
CES17 = 50	CES42 = 97	CES67 = 90	CES92 = 82
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 79
CES20 = 68	CES45 = 99	CES70 = 90	CES95 = 87
CES21 = 87	CES46 = 96	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 94	CES72 = 96	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 87	CES98 = 93
CES24 = 91	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 72	CES50 = 98	CES75 = 90	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)