

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: P1049309

Luminaire Tested: **GALN-SA8A-927-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049309
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8A-927-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
90CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16293.3 lumens
Efficiency: N/A
Efficacy: 74.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 217.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

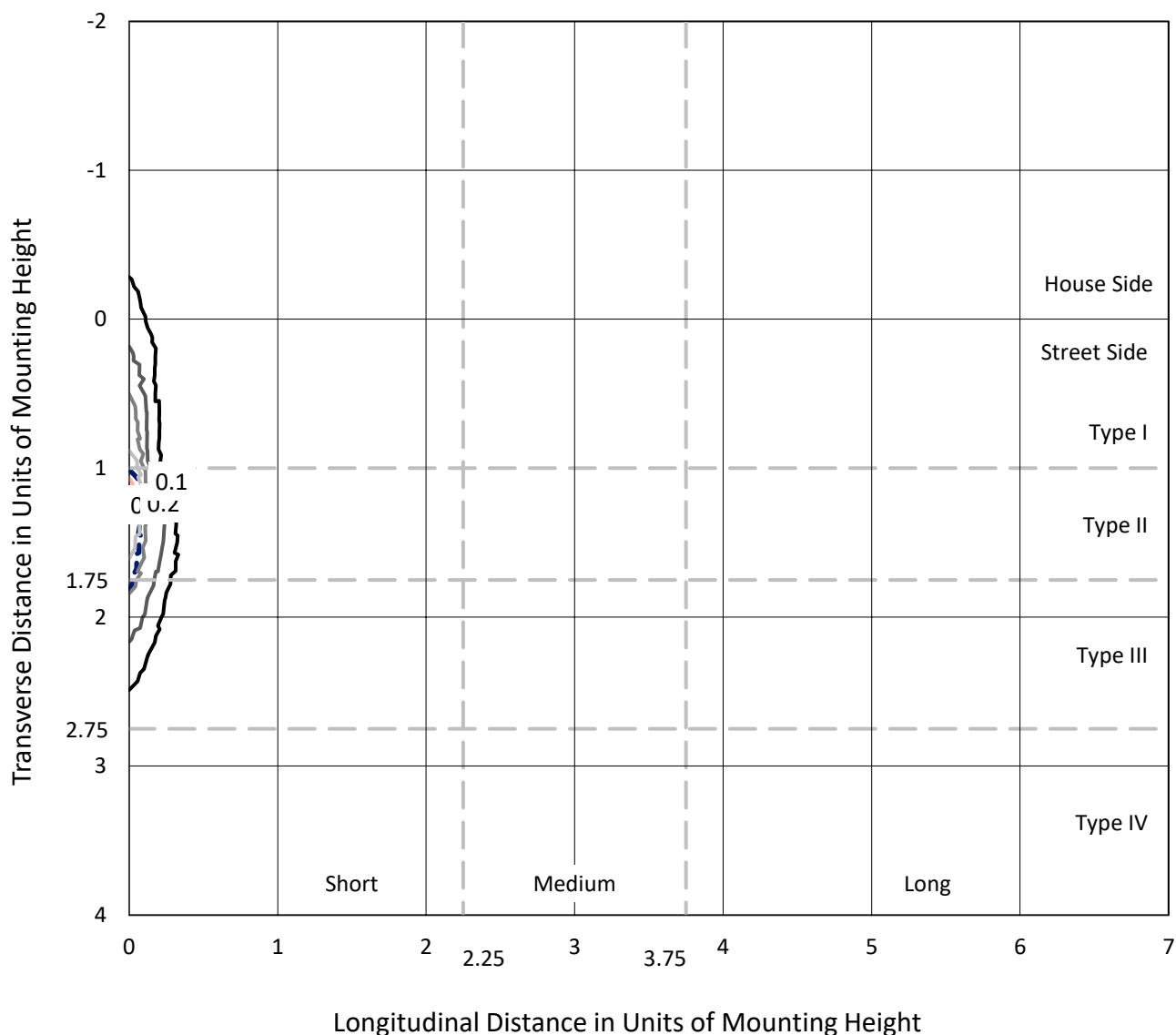
REPORT NUMBER: P1049309

CATALOG NUMBER: GALN-SA8A-927-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

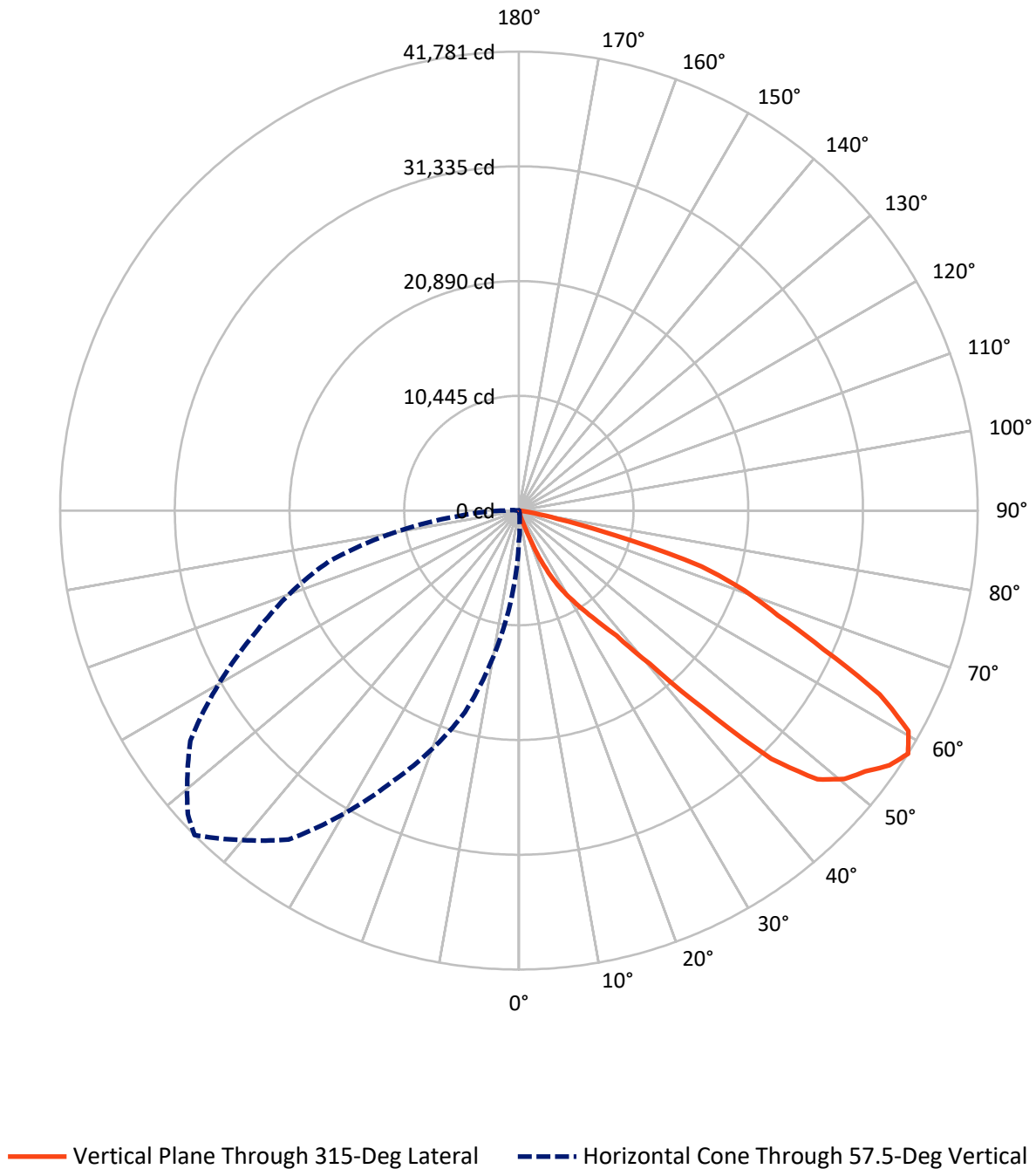


Based on 20 foot mounting height. Maximum calculated value = 2.4 fc

Type III - Short - N/A

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CATALOG NUMBER: GALN-SA8A-927-U-RBC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	81.6	0.0	81.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	16211.7	0.0	16211.7
	% Fixture	99.5	0.0	99.5
Total	Lumens	16293.3	0.0	16293.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.4	0.0
10°-20°	35.8	0.2
20°-30°	386.1	2.4
30°-40°	1141.8	7.0
40°-50°	3403.0	20.9
50°-60°	5395.9	33.1
60°-70°	4504.3	27.6
70°-80°	1389.0	8.5
80°-90°	30.9	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°	16293.3	100.0
0°-180°	16293.3	100.0



REPORT NUMBER: P1049309

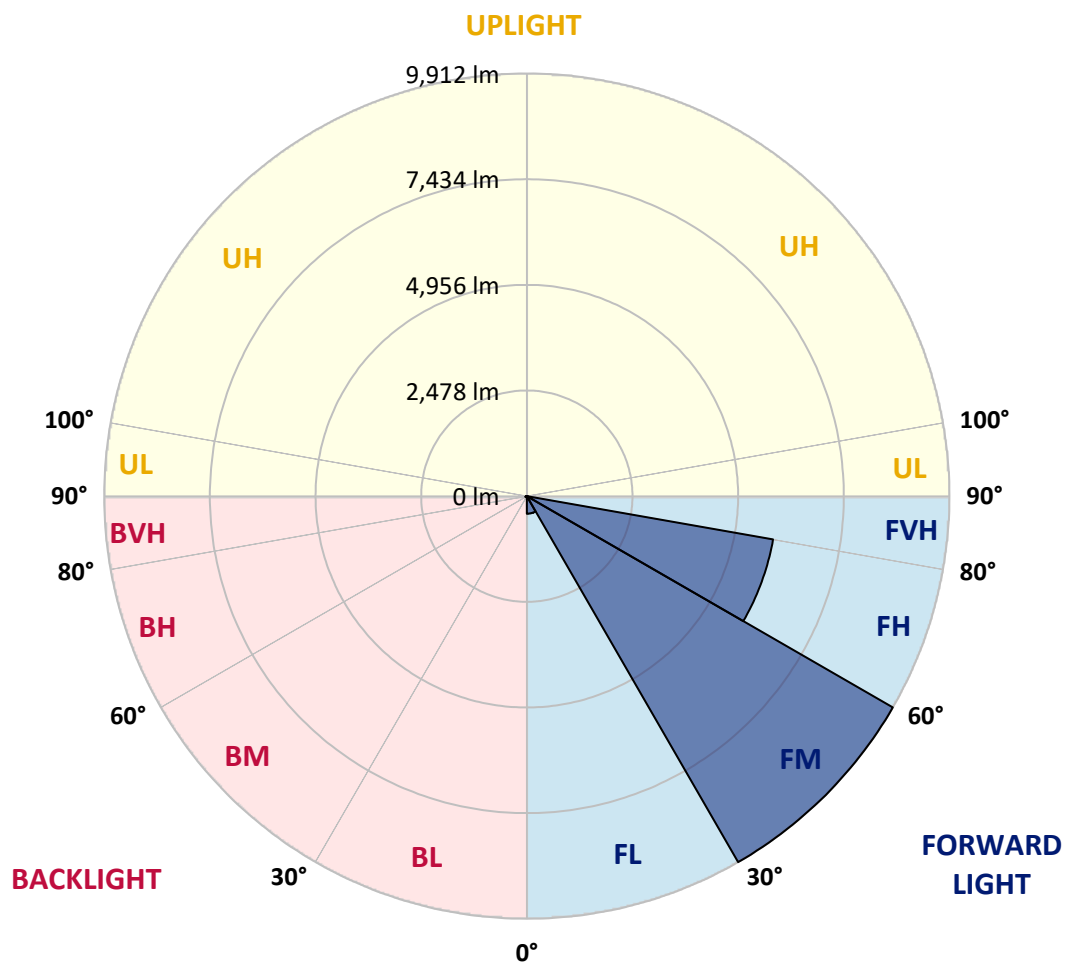
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	413.3	2.5			
FM	(30°-60°)	9911.6	60.8			
FH	(60°-80°)	5862.8	36.0			G3/7500
FVH	(80°-90°)	23.9	0.1			G1/100
BL	(0°-30°)	15.0	0.1	B0/110		
BM	(30°-60°)	29.2	0.2	B0/220		
BH	(60°-80°)	30.4	0.2	B0/110		G0/110
BVH	(80°-90°)	7.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
2.5°	65.3	65.3	65.3	65.3	64.0	64.0	62.8	62.8	61.6	61.6
5°	69.0	69.0	67.7	66.5	66.5	65.3	64.0	62.8	62.8	61.6
7.5°	75.1	73.9	72.6	71.4	69.0	67.7	65.3	64.0	62.8	60.3
10°	82.5	80.0	77.6	75.1	72.6	70.2	67.7	66.5	64.0	62.8
12.5°	92.3	88.7	83.7	80.0	77.6	73.9	71.4	69.0	65.3	62.8
15°	101.0	96.0	89.9	85.0	81.3	76.3	72.6	69.0	66.5	62.8
17.5°	113.3	104.7	94.8	88.7	83.7	77.6	71.4	67.7	64.0	59.1
20°	134.2	117.0	98.5	91.1	83.7	76.3	69.0	64.0	60.3	55.4
22.5°	167.5	137.9	108.4	97.3	87.4	76.3	66.5	61.6	56.6	51.7
25°	231.5	178.5	125.6	110.8	96.0	81.3	66.5	60.3	55.4	49.3
27.5°	307.8	229.0	149.0	128.1	108.4	87.4	66.5	59.1	52.9	45.6
30°	385.4	280.7	174.8	147.8	120.7	93.6	66.5	57.9	50.5	41.9
32.5°	459.3	328.7	197.0	165.0	133.0	99.7	67.7	57.9	48.0	38.2
35°	534.4	368.1	200.7	167.5	134.2	99.7	66.5	55.4	45.6	34.5
37.5°	630.4	412.5	193.3	160.1	128.1	94.8	62.8	52.9	43.1	32.0
40°	775.7	486.4	197.0	162.5	128.1	93.6	59.1	49.3	40.6	30.8
42.5°	1044.1	629.2	213.0	173.6	134.2	93.6	54.2	45.6	38.2	29.6
45°	1805.0	1045.3	285.7	226.6	167.5	108.4	49.3	41.9	35.7	28.3
47.5°	2985.8	1749.6	513.4	396.5	280.7	163.8	48.0	41.9	35.7	28.3
50°	3810.8	2228.6	646.4	497.4	348.4	199.5	50.5	43.1	36.9	29.6
52.5°	3804.6	2263.1	720.3	552.8	386.6	219.2	52.9	45.6	39.4	32.0
55°	3382.3	2058.7	733.8	563.9	395.2	225.3	56.6	49.3	41.9	34.5
57.5°	2827.0	1748.4	669.8	518.4	368.1	216.7	65.3	56.6	49.3	40.6
60°	2236.0	1379.0	522.1	412.5	304.1	194.5	86.2	75.1	65.3	54.2
62.5°	1544.0	999.8	455.6	365.7	277.0	187.2	98.5	87.4	77.6	66.5
65°	1092.1	752.3	411.2	334.9	259.8	183.5	107.1	94.8	83.7	71.4
67.5°	816.3	598.4	379.2	314.0	248.7	183.5	118.2	103.4	89.9	75.1
70°	625.5	491.3	355.8	302.9	251.2	198.2	145.3	124.4	104.7	83.7
72.5°	509.7	419.9	328.7	290.6	252.4	214.2	176.1	149.0	121.9	93.6
75°	422.3	359.5	296.7	264.7	233.9	201.9	169.9	145.3	121.9	97.3
77.5°	280.7	256.1	230.2	211.8	193.3	173.6	155.1	134.2	114.5	93.6
80°	98.5	94.8	91.1	98.5	105.9	113.3	120.7	105.9	92.3	77.6
82.5°	14.8	13.5	12.3	13.5	14.8	16.0	17.2	18.5	19.7	20.9
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°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	60.3	60.3	59.1	59.1	59.1	57.9	57.9	56.6	56.6	56.6
0.0	5°	59.1	59.1	57.9	56.6	55.4	55.4	54.2	52.9	52.9	51.7
0.0	7.5°	57.9	56.6	55.4	54.2	52.9	51.7	50.5	49.3	49.3	48.0
0.0	10°	59.1	56.6	55.4	52.9	51.7	50.5	48.0	46.8	45.6	45.6
0.0	12.5°	56.6	55.4	52.9	50.5	49.3	46.8	45.6	43.1	41.9	41.9
0.0	15°	56.6	54.2	50.5	48.0	45.6	44.3	41.9	39.4	38.2	36.9
0.0	17.5°	52.9	50.5	46.8	44.3	41.9	39.4	36.9	34.5	33.2	32.0
0.0	20°	48.0	45.6	41.9	38.2	35.7	33.2	30.8	28.3	27.1	25.9
0.0	22.5°	43.1	40.6	36.9	33.2	30.8	28.3	24.6	22.2	20.9	18.5
0.0	25°	40.6	36.9	33.2	29.6	25.9	23.4	19.7	16.0	13.5	11.1
0.0	27.5°	34.5	30.8	27.1	23.4	19.7	16.0	12.3	8.6	6.2	4.9
0.0	30°	29.6	25.9	22.2	18.5	13.5	9.9	6.2	1.2	1.2	1.2
0.0	32.5°	24.6	20.9	16.0	12.3	9.9	6.2	3.7	0.0	0.0	0.0
0.0	35°	19.7	16.0	11.1	7.4	6.2	3.7	2.5	0.0	0.0	0.0
0.0	37.5°	17.2	13.5	8.6	3.7	2.5	2.5	1.2	0.0	0.0	0.0
0.0	40°	16.0	11.1	6.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0
0.0	42.5°	16.0	11.1	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	16.0	11.1	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	16.0	11.1	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	17.2	12.3	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	19.7	14.8	9.9	4.9	3.7	2.5	1.2	0.0	0.0	0.0
0.0	55°	24.6	22.2	18.5	16.0	12.3	8.6	3.7	0.0	0.0	0.0
0.0	57.5°	32.0	32.0	30.8	29.6	22.2	14.8	7.4	0.0	0.0	0.0
0.0	60°	43.1	43.1	43.1	43.1	32.0	22.2	11.1	0.0	0.0	0.0
0.0	62.5°	52.9	50.5	46.8	44.3	33.2	22.2	11.1	0.0	0.0	0.0
0.0	65°	52.9	48.0	41.9	35.7	27.1	18.5	8.6	0.0	0.0	0.0
0.0	67.5°	49.3	39.4	28.3	18.5	13.5	9.9	4.9	0.0	0.0	0.0
	70°	49.3	34.5	19.7	4.9	3.7	2.5	1.2	0.0	0.0	0.0
	72.5°	49.3	33.2	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	54.2	36.9	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	54.2	36.9	18.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	48.0	32.0	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	16.0	11.1	4.9	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°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	55.4	55.4	55.4	54.2	54.2	54.2	54.2	52.9	52.9	52.9
0.0	5°	50.5	50.5	49.3	49.3	48.0	48.0	46.8	46.8	45.6	45.6
0.0	7.5°	46.8	45.6	45.6	44.3	43.1	43.1	41.9	41.9	40.6	39.4
0.0	10°	43.1	41.9	41.9	40.6	39.4	38.2	38.2	36.9	35.7	34.5
0.0	12.5°	39.4	38.2	36.9	35.7	34.5	33.2	33.2	32.0	30.8	29.6
0.0	15°	34.5	33.2	32.0	30.8	29.6	28.3	28.3	27.1	25.9	24.6
0.0	17.5°	29.6	28.3	28.3	27.1	25.9	24.6	23.4	20.9	19.7	18.5
0.0	20°	22.2	20.9	19.7	18.5	17.2	14.8	13.5	11.1	8.6	7.4
0.0	22.5°	14.8	12.3	11.1	8.6	6.2	4.9	3.7	1.2	0.0	0.0
0.0	25°	4.9	3.7	2.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049309

CATALOG NUMBER: GALN-SA8A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049309

CATALOG NUMBER: GALN-SA8A-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°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	51.7	51.7	51.7	50.5	50.5	50.5	50.5	50.5	50.5	50.5
0.0	5°	44.3	44.3	44.3	43.1	43.1	41.9	41.9	41.9	40.6	40.6
0.0	7.5°	38.2	36.9	36.9	35.7	35.7	34.5	34.5	34.5	33.2	33.2
0.0	10°	32.0	30.8	30.8	29.6	29.6	28.3	28.3	27.1	27.1	25.9
0.0	12.5°	28.3	27.1	25.9	24.6	24.6	23.4	22.2	22.2	20.9	19.7
0.0	15°	22.2	20.9	19.7	18.5	17.2	16.0	14.8	14.8	13.5	12.3
0.0	17.5°	14.8	12.3	11.1	9.9	9.9	8.6	7.4	6.2	4.9	3.7
0.0	20°	3.7	2.5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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-SA8A-927-U-RBC

[illegible]

REPORT NUMBER: P1049309

CATALOG NUMBER: GALN-SA8A-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°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	50.5	49.3	49.3	49.3	50.5	50.5	50.5	50.5	50.5	50.5
0.0	5°	40.6	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
0.0	7.5°	33.2	32.0	32.0	32.0	32.0	30.8	30.8	30.8	30.8	30.8
0.0	10°	25.9	24.6	24.6	24.6	24.6	23.4	23.4	23.4	23.4	23.4
0.0	12.5°	18.5	18.5	17.2	17.2	17.2	16.0	16.0	16.0	16.0	14.8
0.0	15°	11.1	9.9	8.6	8.6	8.6	7.4	7.4	7.4	7.4	6.2
0.0	17.5°	2.5	2.5	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049309

CATALOG NUMBER: GALN-SA8A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049309

CATALOG NUMBER: GALN-SA8A-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°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	51.7	51.7	52.9	52.9	54.2	56.6	57.9	59.1	61.6	64.0
0.0	5°	40.6	41.9	41.9	43.1	44.3	45.6	46.8	48.0	50.5	52.9
0.0	7.5°	32.0	32.0	33.2	33.2	34.5	36.9	38.2	39.4	41.9	45.6
0.0	10°	24.6	24.6	25.9	25.9	27.1	29.6	30.8	32.0	34.5	38.2
0.0	12.5°	16.0	17.2	17.2	18.5	19.7	22.2	23.4	24.6	27.1	29.6
0.0	15°	7.4	8.6	8.6	9.9	11.1	13.5	14.8	16.0	18.5	22.2
0.0	17.5°	1.2	1.2	2.5	2.5	3.7	4.9	6.2	7.4	11.1	13.5
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	4.9
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P1049309

CATALOG NUMBER: GALN-SA8A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049309

CATALOG NUMBER: GALN-SA8A-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°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	67.7	70.2	72.6	75.1	77.6	80.0	81.3	83.7	85.0	86.2
0.0	5°	57.9	60.3	64.0	66.5	69.0	71.4	73.9	75.1	76.3	77.6
0.0	7.5°	50.5	52.9	56.6	59.1	61.6	64.0	66.5	69.0	70.2	71.4
0.0	10°	43.1	46.8	49.3	52.9	55.4	57.9	60.3	62.8	65.3	66.5
0.0	12.5°	34.5	38.2	41.9	44.3	48.0	51.7	54.2	56.6	59.1	61.6
0.0	15°	27.1	30.8	34.5	36.9	40.6	44.3	48.0	50.5	52.9	55.4
0.0	17.5°	19.7	23.4	27.1	29.6	33.2	36.9	39.4	43.1	45.6	48.0
0.0	20°	9.9	13.5	17.2	20.9	24.6	28.3	30.8	34.5	36.9	39.4
0.0	22.5°	1.2	4.9	8.6	11.1	14.8	18.5	20.9	24.6	27.1	29.6
0.0	25°	0.0	1.2	3.7	4.9	6.2	8.6	11.1	13.5	16.0	18.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.2	2.5	4.9	7.4	9.9
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
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
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	1.2
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.5
0.0	85°	0.0	0.0	0.0	0.0	0.0	2.5	3.7	6.2	7.4	8.6
0.0	87.5°	0.0	1.2	2.5	3.7	4.9	7.4	9.9	12.3	13.5	14.8
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: P1049309

CATALOG NUMBER: GALN-SA8A-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
71.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.2											
4.9											
11.1											
16.0											
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REPORT NUMBER: P1049309

CATALOG NUMBER: GALN-SA8A-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°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	87.4	87.4	87.4	87.4	86.2	86.2	86.2	85.0	85.0	83.7
0.0	5°	80.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	80.0	80.0
0.0	7.5°	73.9	75.1	76.3	76.3	77.6	77.6	77.6	76.3	76.3	75.1
0.0	10°	70.2	71.4	71.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
0.0	12.5°	65.3	66.5	67.7	67.7	69.0	69.0	69.0	69.0	67.7	67.7
0.0	15°	59.1	61.6	62.8	64.0	64.0	65.3	65.3	65.3	65.3	65.3
0.0	17.5°	54.2	56.6	57.9	59.1	59.1	60.3	60.3	61.6	61.6	61.6
0.0	20°	44.3	46.8	48.0	50.5	51.7	52.9	54.2	55.4	55.4	56.6
0.0	22.5°	34.5	36.9	38.2	40.6	41.9	43.1	44.3	45.6	46.8	48.0
0.0	25°	24.6	27.1	28.3	30.8	32.0	33.2	34.5	35.7	35.7	36.9
0.0	27.5°	13.5	16.0	18.5	19.7	22.2	23.4	24.6	25.9	27.1	28.3
0.0	30°	6.2	7.4	8.6	11.1	12.3	13.5	14.8	17.2	18.5	19.7
0.0	32.5°	0.0	0.0	1.2	3.7	4.9	6.2	7.4	8.6	8.6	9.9
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.5	3.7	4.9
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	2.5	2.5	2.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	82.5°	6.2	7.4	8.6	8.6	9.9	9.9	9.9	9.9	8.6	8.6
	85°	12.3	13.5	14.8	14.8	16.0	16.0	16.0	16.0	16.0	16.0
	87.5°	17.2	18.5	19.7	19.7	20.9	20.9	20.9	20.9	20.9	20.9
	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: P1049309

CATALOG NUMBER: GALN-SA8A-927-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
71.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
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3.7											
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16.0											
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REPORT NUMBER: P1049309

CATALOG NUMBER: GALN-SA8A-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°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	82.5	82.5	81.3	81.3	81.3	81.3	81.3	82.5	83.7	83.7
0.0	5°	78.8	78.8	77.6	77.6	77.6	78.8	78.8	80.0	81.3	82.5
0.0	7.5°	75.1	73.9	73.9	75.1	75.1	76.3	76.3	77.6	78.8	80.0
0.0	10°	72.6	71.4	71.4	71.4	72.6	72.6	73.9	75.1	76.3	77.6
0.0	12.5°	67.7	67.7	67.7	67.7	69.0	69.0	70.2	71.4	73.9	75.1
0.0	15°	65.3	64.0	64.0	64.0	64.0	65.3	65.3	67.7	70.2	71.4
0.0	17.5°	60.3	60.3	59.1	59.1	60.3	60.3	61.6	64.0	66.5	67.7
0.0	20°	55.4	54.2	52.9	52.9	54.2	54.2	55.4	57.9	60.3	61.6
0.0	22.5°	48.0	46.8	46.8	46.8	46.8	48.0	48.0	50.5	54.2	56.6
0.0	25°	38.2	39.4	39.4	40.6	40.6	41.9	43.1	45.6	49.3	51.7
0.0	27.5°	29.6	30.8	30.8	33.2	34.5	35.7	36.9	40.6	44.3	46.8
0.0	30°	22.2	23.4	24.6	25.9	28.3	30.8	33.2	36.9	40.6	43.1
0.0	32.5°	13.5	16.0	17.2	19.7	22.2	24.6	27.1	30.8	35.7	39.4
0.0	35°	9.9	11.1	13.5	14.8	17.2	19.7	22.2	27.1	30.8	35.7
0.0	37.5°	4.9	7.4	9.9	12.3	14.8	17.2	19.7	24.6	29.6	33.2
0.0	40°	3.7	6.2	7.4	9.9	13.5	16.0	18.5	23.4	28.3	33.2
0.0	42.5°	2.5	3.7	4.9	8.6	11.1	14.8	18.5	23.4	28.3	33.2
0.0	45°	2.5	2.5	3.7	7.4	11.1	16.0	19.7	24.6	28.3	33.2
0.0	47.5°	2.5	3.7	4.9	9.9	12.3	16.0	19.7	23.4	28.3	32.0
0.0	50°	3.7	4.9	6.2	11.1	13.5	17.2	19.7	24.6	28.3	33.2
0.0	52.5°	2.5	3.7	4.9	9.9	13.5	18.5	22.2	27.1	32.0	35.7
0.0	55°	1.2	1.2	1.2	7.4	14.8	20.9	28.3	32.0	36.9	40.6
0.0	57.5°	0.0	0.0	0.0	4.9	14.8	23.4	32.0	36.9	41.9	45.6
0.0	60°	0.0	0.0	0.0	4.9	14.8	23.4	32.0	38.2	44.3	50.5
0.0	62.5°	0.0	0.0	0.0	4.9	12.3	19.7	27.1	36.9	48.0	57.9
0.0	65°	0.0	0.0	0.0	3.7	9.9	16.0	22.2	36.9	51.7	65.3
0.0	67.5°	0.0	0.0	0.0	3.7	9.9	14.8	20.9	36.9	51.7	67.7
	70°	0.0	0.0	0.0	3.7	9.9	16.0	22.2	36.9	51.7	66.5
	72.5°	0.0	0.0	0.0	3.7	11.1	17.2	24.6	36.9	49.3	61.6
	75°	0.0	0.0	0.0	4.9	11.1	18.5	25.9	36.9	48.0	57.9
	77.5°	0.0	0.0	0.0	3.7	11.1	17.2	24.6	35.7	46.8	56.6
	80°	3.7	2.5	2.5	6.2	11.1	16.0	20.9	32.0	44.3	55.4
	82.5°	7.4	7.4	6.2	8.6	11.1	14.8	18.5	28.3	39.4	49.3
	85°	14.8	14.8	13.5	14.8	14.8	16.0	17.2	22.2	27.1	32.0
	87.5°	19.7	19.7	18.5	18.5	18.5	17.2	17.2	17.2	17.2	16.0
	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: P1049309

CATALOG NUMBER: GALN-SA8A-927-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
71.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.3											
73.9											
69.0											
67.7											
66.5											
59.1											
36.9											
16.0											
0.0											
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REPORT NUMBER: P1049309

CATALOG NUMBER: GALN-SA8A-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°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	86.2	87.4	87.4	88.7	89.9	91.1	91.1	92.3	92.3	92.3
0.0	5°	85.0	87.4	88.7	89.9	91.1	92.3	93.6	94.8	96.0	96.0
0.0	7.5°	83.7	85.0	87.4	88.7	91.1	92.3	94.8	96.0	97.3	98.5
0.0	10°	81.3	83.7	86.2	88.7	91.1	93.6	96.0	98.5	101.0	102.2
0.0	12.5°	78.8	82.5	85.0	87.4	91.1	94.8	97.3	101.0	103.4	105.9
0.0	15°	77.6	80.0	83.7	86.2	91.1	96.0	99.7	104.7	109.6	113.3
0.0	17.5°	73.9	78.8	82.5	86.2	91.1	97.3	102.2	107.1	114.5	121.9
0.0	20°	69.0	72.6	77.6	81.3	88.7	94.8	102.2	108.4	119.4	130.5
0.0	22.5°	64.0	69.0	72.6	77.6	86.2	93.6	102.2	109.6	128.1	145.3
0.0	25°	59.1	65.3	70.2	75.1	85.0	94.8	104.7	114.5	145.3	176.1
0.0	27.5°	56.6	61.6	67.7	72.6	85.0	98.5	110.8	123.1	172.4	220.4
0.0	30°	52.9	59.1	64.0	70.2	86.2	102.2	118.2	134.2	209.3	284.4
0.0	32.5°	49.3	55.4	61.6	67.7	88.7	109.6	129.3	150.2	248.7	346.0
0.0	35°	45.6	52.9	59.1	65.3	92.3	120.7	147.8	174.8	284.4	392.8
0.0	37.5°	44.3	51.7	57.9	64.0	93.6	121.9	151.4	179.8	288.1	396.5
0.0	40°	45.6	51.7	59.1	65.3	89.9	114.5	137.9	162.5	275.8	387.8
0.0	42.5°	45.6	52.9	60.3	67.7	87.4	107.1	126.8	146.5	272.1	397.7
0.0	45°	44.3	51.7	59.1	66.5	85.0	102.2	120.7	137.9	294.3	449.4
0.0	47.5°	43.1	50.5	57.9	65.3	83.7	102.2	120.7	139.1	380.5	620.6
0.0	50°	43.1	50.5	56.6	62.8	85.0	108.4	130.5	152.7	554.1	954.2
0.0	52.5°	45.6	51.7	56.6	61.6	87.4	114.5	140.4	166.2	704.3	1241.1
0.0	55°	49.3	52.9	57.9	61.6	93.6	124.4	156.4	187.2	749.8	1312.5
0.0	57.5°	54.2	57.9	61.6	65.3	104.7	144.1	182.2	221.6	753.5	1284.2
0.0	60°	60.3	65.3	69.0	72.6	114.5	157.6	199.5	241.3	682.1	1121.7
0.0	62.5°	73.9	80.0	85.0	91.1	131.7	171.1	211.8	251.2	566.4	881.6
0.0	65°	85.0	89.9	94.8	99.7	139.1	179.8	219.2	258.6	480.2	701.8
0.0	67.5°	87.4	92.3	96.0	101.0	141.6	182.2	221.6	262.3	411.2	559.0
	70°	88.7	94.8	102.2	108.4	150.2	192.1	232.7	274.6	364.5	454.3
	72.5°	85.0	97.3	108.4	119.4	158.8	197.0	236.4	274.6	338.6	402.6
	75°	85.0	102.2	118.2	134.2	163.8	192.1	221.6	249.9	299.2	348.4
	77.5°	89.9	112.0	134.2	156.4	173.6	189.6	206.9	222.9	254.9	286.9
	80°	89.9	113.3	135.4	158.8	166.2	174.8	182.2	189.6	193.3	197.0
	82.5°	77.6	96.0	114.5	133.0	124.4	115.7	107.1	98.5	92.3	85.0
	85°	39.4	43.1	45.6	48.0	44.3	40.6	36.9	33.2	30.8	27.1
	87.5°	16.0	16.0	14.8	14.8	14.8	14.8	13.5	13.5	13.5	13.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049309

CATALOG NUMBER: GALN-SA8A-927-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
71.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
262.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
364.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
493.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
616.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
700.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
763.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
826.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
949.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1195.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2791.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3514.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3594.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3243.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2772.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2167.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1637.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1209.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
855.7											
636.6											
463.0											
348.4											
195.8											
88.7											
25.9											
12.3											
0.0											
0.0											
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REPORT NUMBER: P1049309

CATALOG NUMBER: GALN-SA8A-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°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	92.3	91.1	91.1	89.9	88.7	87.4	86.2	85.0	83.7	82.5
0.0	5°	96.0	96.0	96.0	94.8	94.8	93.6	93.6	92.3	91.1	89.9
0.0	7.5°	99.7	101.0	101.0	102.2	102.2	102.2	102.2	101.0	101.0	101.0
0.0	10°	105.9	107.1	108.4	109.6	110.8	112.0	112.0	113.3	113.3	113.3
0.0	12.5°	113.3	117.0	119.4	123.1	125.6	129.3	131.7	135.4	137.9	140.4
0.0	15°	124.4	130.5	137.9	144.1	150.2	158.8	168.7	177.3	185.9	199.5
0.0	17.5°	140.4	160.1	179.8	198.2	217.9	261.0	304.1	346.0	389.1	451.9
0.0	20°	171.1	230.2	288.1	347.2	405.1	556.5	706.7	858.2	1008.4	1169.7
0.0	22.5°	240.1	385.4	530.7	676.0	821.3	1137.7	1452.9	1769.3	2084.5	2455.1
0.0	25°	348.4	615.6	882.8	1148.8	1416.0	1910.9	2407.1	2902.1	3397.1	3878.5
0.0	27.5°	507.3	916.1	1324.8	1732.4	2141.2	2812.2	3484.5	4155.5	4826.6	5370.8
0.0	30°	703.1	1257.1	1811.2	2365.3	2919.3	3682.7	4446.1	5208.3	5971.6	6566.3
0.0	32.5°	887.7	1566.2	2244.6	2921.8	3600.2	4469.5	5340.0	6209.3	7078.6	7728.7
0.0	35°	1008.4	1828.4	2649.7	3469.7	4289.7	5230.4	6171.1	7110.6	8051.3	8793.7
0.0	37.5°	1129.1	2075.9	3021.5	3968.4	4914.0	5947.0	6980.1	8013.1	9046.1	9963.4
0.0	40°	1264.5	2375.1	3484.5	4595.1	5704.5	6928.3	8151.0	9374.9	10597.5	11891.6
0.0	42.5°	1499.7	2871.3	4244.2	5615.8	6987.4	8606.6	10225.7	11843.6	13462.7	15309.6
0.0	45°	1941.7	3874.8	5809.1	7742.2	9675.3	11820.2	13966.3	16111.1	18256.0	20713.6
0.0	47.5°	3024.0	5683.5	8341.8	11001.4	13659.7	15975.7	18290.5	20606.5	22921.3	25369.0
0.0	50°	4627.1	7722.5	10817.9	13912.1	17007.5	19103.1	21197.5	23293.1	25387.5	27715.8
0.0	52.5°	5787.0	9011.6	12237.6	15462.3	18686.9	20578.2	22470.6	24361.8	26253.1	28428.7
0.0	55°	5874.4	9080.6	12288.0	15494.3	18700.5	20600.3	22500.2	24400.0	26299.9	28606.0
0.0	57.5°	5200.9	8381.2	11560.4	14740.7	17919.9	20083.2	22245.3	24408.6	26570.7	29064.1
0.0	60°	4423.9	7605.5	10785.9	13967.5	17147.9	19639.9	22133.3	24625.3	27117.4	29453.1
0.0	62.5°	3451.2	6723.9	9997.9	13270.6	16543.3	19073.6	21603.8	24132.8	26663.1	28415.2
0.0	65°	2572.1	5750.0	8927.9	12104.6	15282.5	17309.2	19335.8	21361.3	23387.9	24472.7
0.0	67.5°	1859.2	4600.0	7339.6	10080.4	12820.0	14270.4	15720.8	17170.0	18620.5	19450.3
	70°	1257.1	3155.7	5053.1	6951.7	8849.1	10041.0	11234.1	12425.9	13617.8	14738.3
	72.5°	870.5	1936.8	3004.3	4070.6	5136.8	6336.1	7534.1	8733.4	9931.4	11117.1
	75°	577.5	1062.6	1548.9	2034.1	2519.2	3406.9	4295.9	5183.6	6071.4	6778.1
	77.5°	410.0	555.3	701.8	847.1	992.4	1158.6	1326.1	1492.3	1658.5	1910.9
	80°	194.5	213.0	231.5	248.7	267.2	327.5	387.8	448.2	508.5	572.5
	82.5°	92.3	99.7	107.1	113.3	120.7	126.8	133.0	139.1	145.3	139.1
	85°	24.6	24.6	25.9	25.9	25.9	25.9	25.9	25.9	25.9	24.6
	87.5°	11.1	11.1	11.1	11.1	11.1	11.1	11.1	9.9	9.9	8.6
	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: P1049309

CATALOG NUMBER: GALN-SA8A-927-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
71.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
214.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
513.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1332.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2825.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4359.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5915.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7162.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8380.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9536.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10881.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13185.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17156.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23171.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27816.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30044.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30604.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30913.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31557.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31787.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30168.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25558.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20281.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15857.5											
12302.8											
7484.9											
2163.3											
636.6											
131.7											
23.4											
8.6											
0.0											
0.0											
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REPORT NUMBER: P1049309

CATALOG NUMBER: GALN-SA8A-927-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	2.5°	80.0	78.8	77.6	76.3	75.1	72.6	72.6	71.4	71.4
0.0	5°	87.4	86.2	85.0	83.7	83.7	82.5	81.3	81.3	80.0
0.0	7.5°	99.7	98.5	97.3	96.0	96.0	94.8	94.8	93.6	93.6
0.0	10°	114.5	114.5	114.5	114.5	114.5	113.3	113.3	113.3	112.0
0.0	12.5°	144.1	145.3	147.8	150.2	153.9	153.9	153.9	152.7	152.7
0.0	15°	227.8	241.3	251.2	261.0	269.6	289.3	286.9	283.2	280.7
0.0	17.5°	576.2	637.8	671.0	703.1	736.3	827.4	812.6	797.9	784.3
0.0	20°	1493.5	1654.8	1761.9	1869.1	1977.4	2148.6	2106.7	2064.8	2023.0
0.0	22.5°	3195.1	3565.7	3727.0	3888.3	4048.4	4255.3	4121.1	3986.8	3853.9
0.0	25°	4840.1	5321.5	5593.6	5865.8	6136.6	6254.8	6080.0	5903.9	5729.1
0.0	27.5°	6459.2	7003.4	7243.5	7482.4	7722.5	7970.0	7753.3	7535.4	7318.7
0.0	30°	7757.0	8351.7	8611.5	8870.0	9129.8	9302.2	9078.1	8852.8	8628.7
0.0	32.5°	9030.1	9680.2	9964.6	10249.1	10532.3	10779.7	10503.9	10226.9	9951.1
0.0	35°	10277.4	11019.8	11411.4	11802.9	12194.5	12424.7	12097.2	11768.5	11440.9
0.0	37.5°	11799.2	12716.5	13154.9	13593.2	14031.5	14451.4	14090.6	13728.6	13367.9
0.0	40°	14479.7	15773.8	16446.0	17119.5	17791.8	18333.6	17878.0	17422.4	16966.9
0.0	42.5°	19003.4	20850.3	21816.8	22782.1	23748.7	24594.6	24115.6	23636.6	23157.7
0.0	45°	25628.8	28086.4	29264.8	30441.8	31620.2	32238.3	31548.8	30858.0	30168.5
0.0	47.5°	30263.3	32711.1	33760.1	34809.2	35858.2	36563.7	35720.3	34876.9	34034.7
0.0	50°	32371.2	34699.6	35752.3	36803.8	37856.5	38416.8	37442.8	36467.7	35493.7
0.0	52.5°	32778.8	34954.4	36210.3	37467.5	38723.3	39472.0	38322.0	37170.7	36020.7
0.0	55°	33219.6	35525.7	36982.3	38440.2	39896.7	40933.5	39633.3	38331.8	37031.6
0.0	57.5°	34049.5	36542.8	37995.7	39447.3	40900.2	41780.6	40476.7	39171.5	37867.6
0.0	60°	34123.3	36457.8	37706.3	38956.1	40204.6	40758.6	39511.4	38262.9	37015.6
0.0	62.5°	31920.6	33672.7	34539.5	35406.3	36273.1	36875.2	35573.8	34271.1	32969.6
0.0	65°	26643.4	27728.1	28418.9	29109.6	29800.4	30518.2	29326.3	28134.5	26942.6
0.0	67.5°	21111.3	21941.2	22851.1	23761.0	24670.9	25438.0	24483.7	23528.3	22574.0
	70°	16977.9	18097.2	19120.3	20143.5	21166.7	21794.7	20836.7	19877.6	18919.6
	72.5°	13488.5	14674.2	15528.7	16382.0	17236.5	17390.4	16686.1	15981.8	15278.8
	75°	8190.4	8897.1	8914.4	8930.4	8947.6	9094.1	8510.5	7926.9	7344.5
	77.5°	2415.7	2668.2	2876.2	3083.1	3291.2	3542.4	3328.1	3112.6	2898.4
	80°	699.4	763.4	817.6	870.5	924.7	892.7	842.2	791.7	741.2
	82.5°	125.6	118.2	117.0	115.7	115.7	109.6	99.7	89.9	80.0
	85°	22.2	20.9	19.7	18.5	17.2	16.0	13.5	12.3	9.9
	87.5°	7.4	6.2	4.9	3.7	3.7	1.2	1.2	1.2	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049309

CATALOG NUMBER: GALN-SA8A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049309

CATALOG NUMBER: GALN-SA8A-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°	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
0.0	0.0	2.5°	70.2	69.0	69.0	69.0	69.0	67.7	67.7	67.7	67.7
0.0	0.0	5°	77.6	77.6	76.3	76.3	75.1	75.1	73.9	73.9	72.6
0.0	0.0	7.5°	91.1	89.9	88.7	87.4	86.2	83.7	82.5	81.3	81.3
0.0	0.0	10°	109.6	107.1	105.9	103.4	102.2	99.7	97.3	94.8	92.3
0.0	0.0	12.5°	144.1	139.1	135.4	130.5	125.6	121.9	117.0	113.3	108.4
0.0	0.0	15°	249.9	237.6	224.1	208.1	190.8	174.8	157.6	147.8	136.7
0.0	0.0	17.5°	639.0	575.0	509.7	456.8	403.9	352.1	299.2	261.0	222.9
0.0	0.0	20°	1626.5	1449.2	1271.9	1097.1	921.0	746.1	570.1	481.4	392.8
0.0	0.0	22.5°	3060.9	2732.2	2402.2	2083.3	1763.2	1444.3	1125.4	924.7	725.2
0.0	0.0	25°	4724.4	4310.7	3897.0	3372.4	2846.7	2322.2	1797.6	1471.4	1145.1
0.0	0.0	27.5°	6147.7	5671.2	5194.7	4556.9	3919.1	3281.3	2643.5	2157.2	1672.1
0.0	0.0	30°	7380.2	6868.0	6355.8	5613.3	4870.9	4128.4	3386.0	2777.7	2169.5
0.0	0.0	32.5°	8449.0	7835.8	7222.6	6456.8	5690.9	4925.1	4159.2	3413.1	2666.9
0.0	0.0	35°	9681.5	8966.1	8249.5	7399.9	6549.1	5699.5	4850.0	4007.8	3164.4
0.0	0.0	37.5°	11247.6	10369.7	9490.6	8543.8	7596.9	6651.3	5704.5	4741.6	3778.8
0.0	0.0	40°	14245.8	13113.0	11980.2	10777.3	9573.1	8370.2	7167.2	5985.2	4803.2
0.0	0.0	42.5°	19617.8	18087.3	16556.8	14956.2	13354.3	11753.7	10151.8	8484.7	6816.3
0.0	0.0	45°	25680.5	23781.9	21882.1	20085.7	18288.0	16491.6	14695.2	12407.5	10119.8
0.0	0.0	47.5°	29089.9	27039.9	24989.8	23289.4	21589.0	19888.7	18188.3	15722.0	13255.8
0.0	0.0	50°	30344.6	28257.6	26170.6	24605.6	23039.5	21474.5	19908.4	17438.4	14967.3
0.0	0.0	52.5°	30611.8	28482.9	26354.0	24779.2	23204.5	21630.9	20056.1	17602.2	15148.3
0.0	0.0	55°	31160.9	28876.9	26591.7	24796.5	23001.3	21206.1	19410.9	16917.6	14424.3
0.0	0.0	57.5°	31878.7	29536.9	27195.0	25149.9	23104.7	21060.8	19015.7	16289.7	13563.6
0.0	0.0	60°	31690.4	29652.6	27613.6	25423.2	23231.5	21041.1	18849.5	15851.3	12852.0
0.0	0.0	62.5°	28420.1	26797.3	25173.3	23371.9	21569.3	19768.0	17966.6	14879.9	11793.1
0.0	0.0	65°	23380.5	22196.1	21011.6	19562.4	18111.9	16662.7	15213.5	12445.6	9679.0
0.0	0.0	67.5°	18949.2	17614.5	16278.6	15123.7	13967.5	12812.6	11656.4	9478.3	7300.2
		70°	15054.7	13603.0	12150.1	11022.3	9893.2	8765.4	7637.5	6189.6	4742.8
		72.5°	11955.6	10646.8	9337.9	8135.0	6930.8	5727.9	4523.7	3667.9	2812.2
		75°	5714.3	5191.0	4667.7	4038.6	3409.4	2780.2	2151.0	1777.9	1406.1
		77.5°	2117.8	1835.8	1552.6	1296.5	1040.4	785.5	529.4	485.1	440.8
		80°	547.9	477.7	406.3	355.8	304.1	253.6	203.2	183.5	165.0
		82.5°	62.8	57.9	54.2	51.7	48.0	45.6	41.9	38.2	34.5
		85°	3.7	2.5	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



REPORT NUMBER: P1049309

CATALOG NUMBER: GALN-SA8A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049309

CATALOG NUMBER: GALN-SA8A-927-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	71.4	71.4
0.0	0.0	2.5°	66.5	65.3
0.0	0.0	5°	70.2	69.0
0.0	0.0	7.5°	77.6	75.1
0.0	0.0	10°	85.0	82.5
0.0	0.0	12.5°	96.0	92.3
0.0	0.0	15°	108.4	101.0
0.0	0.0	17.5°	129.3	113.3
0.0	0.0	20°	174.8	134.2
0.0	0.0	22.5°	246.3	167.5
0.0	0.0	25°	362.0	231.5
0.0	0.0	27.5°	503.6	307.8
0.0	0.0	30°	669.8	385.4
0.0	0.0	32.5°	816.3	459.3
0.0	0.0	35°	1007.2	534.4
0.0	0.0	37.5°	1242.3	630.4
0.0	0.0	40°	1606.8	775.7
0.0	0.0	42.5°	2263.1	1044.1
0.0	0.0	45°	3675.3	1805.0
0.0	0.0	47.5°	5655.2	2985.8
0.0	0.0	50°	6918.5	3810.8
0.0	0.0	52.5°	7021.9	3804.6
0.0	0.0	55°	6410.0	3382.3
0.0	0.0	57.5°	5469.3	2827.0
0.0	0.0	60°	4545.8	2236.0
0.0	0.0	62.5°	3581.8	1544.0
0.0	0.0	65°	2617.7	1092.1
0.0	0.0	67.5°	1880.1	816.3
		70°	1236.2	625.5
		72.5°	805.2	509.7
		75°	541.8	422.3
		77.5°	316.4	280.7
		80°	112.0	98.5
		82.5°	20.9	14.8
		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: P1049309

CATALOG NUMBER: GALN-SA8A-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

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

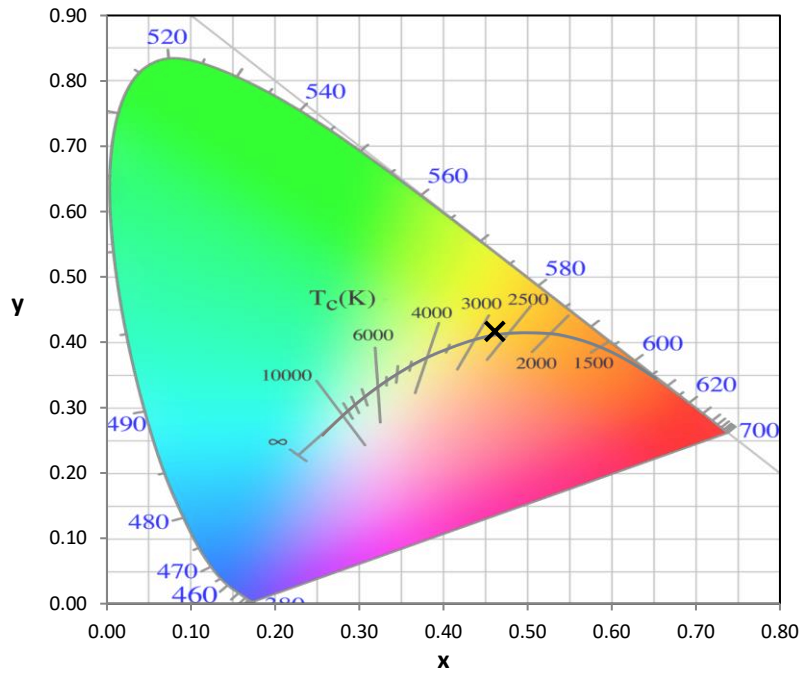
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

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

REPORT NUMBER: SP1-2407-184-13

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

REPORT NUMBER: SP1-2407-184-13

Photopic Flux vs. Wavelength

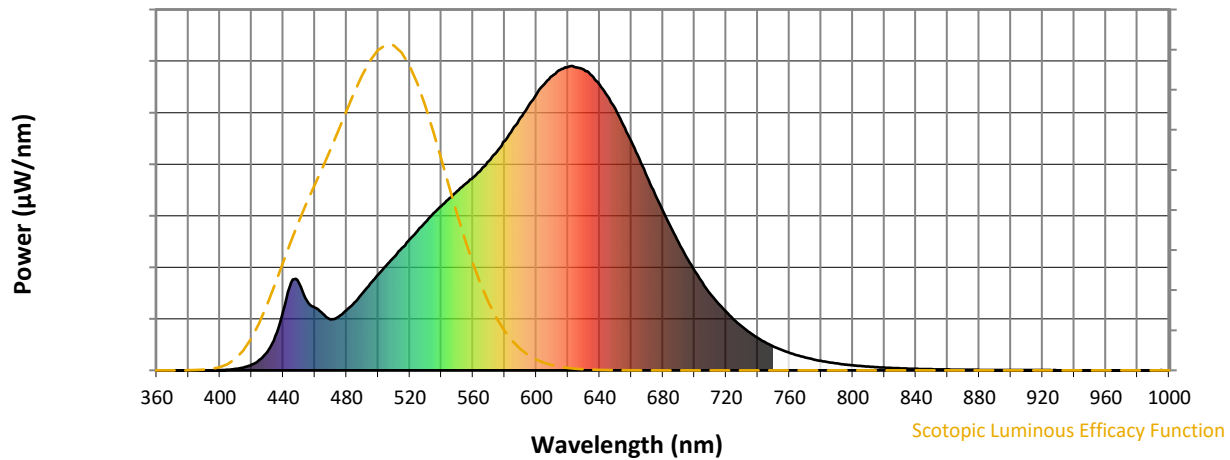


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-13

Scotopic Flux vs. Wavelength



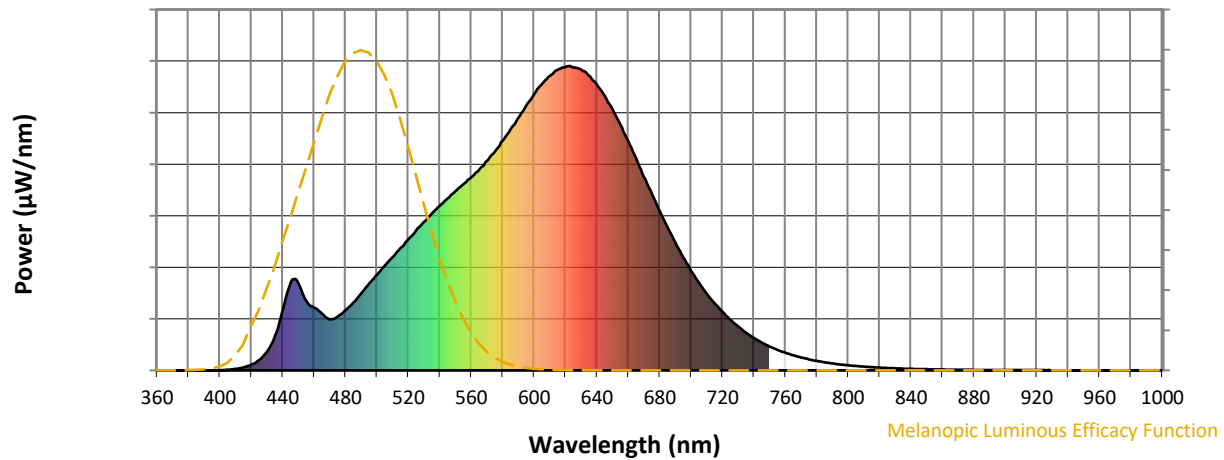
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-13

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.38

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			

REPORT NUMBER: SP1-2407-184-13

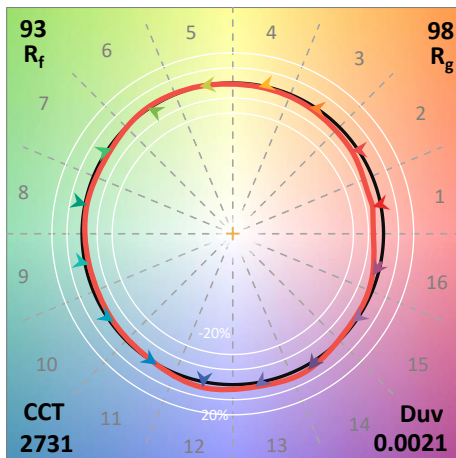
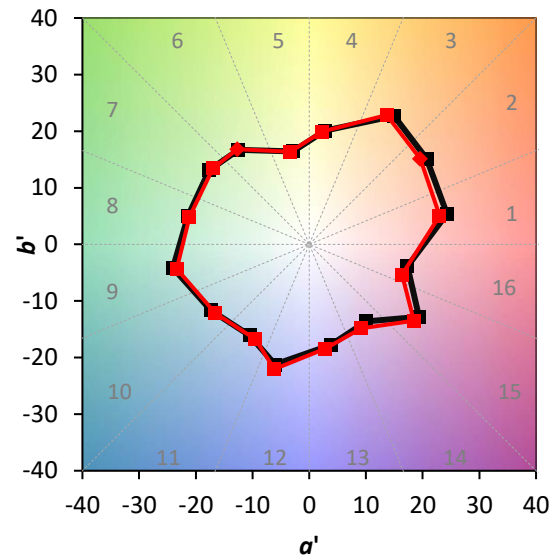
TM-30-18

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)