

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: P1049295

Luminaire Tested: **GALN-SA4C-927-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049295
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4C-927-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
90CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12817.1 lumens
Efficiency: N/A
Efficacy: 67.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 190.4
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

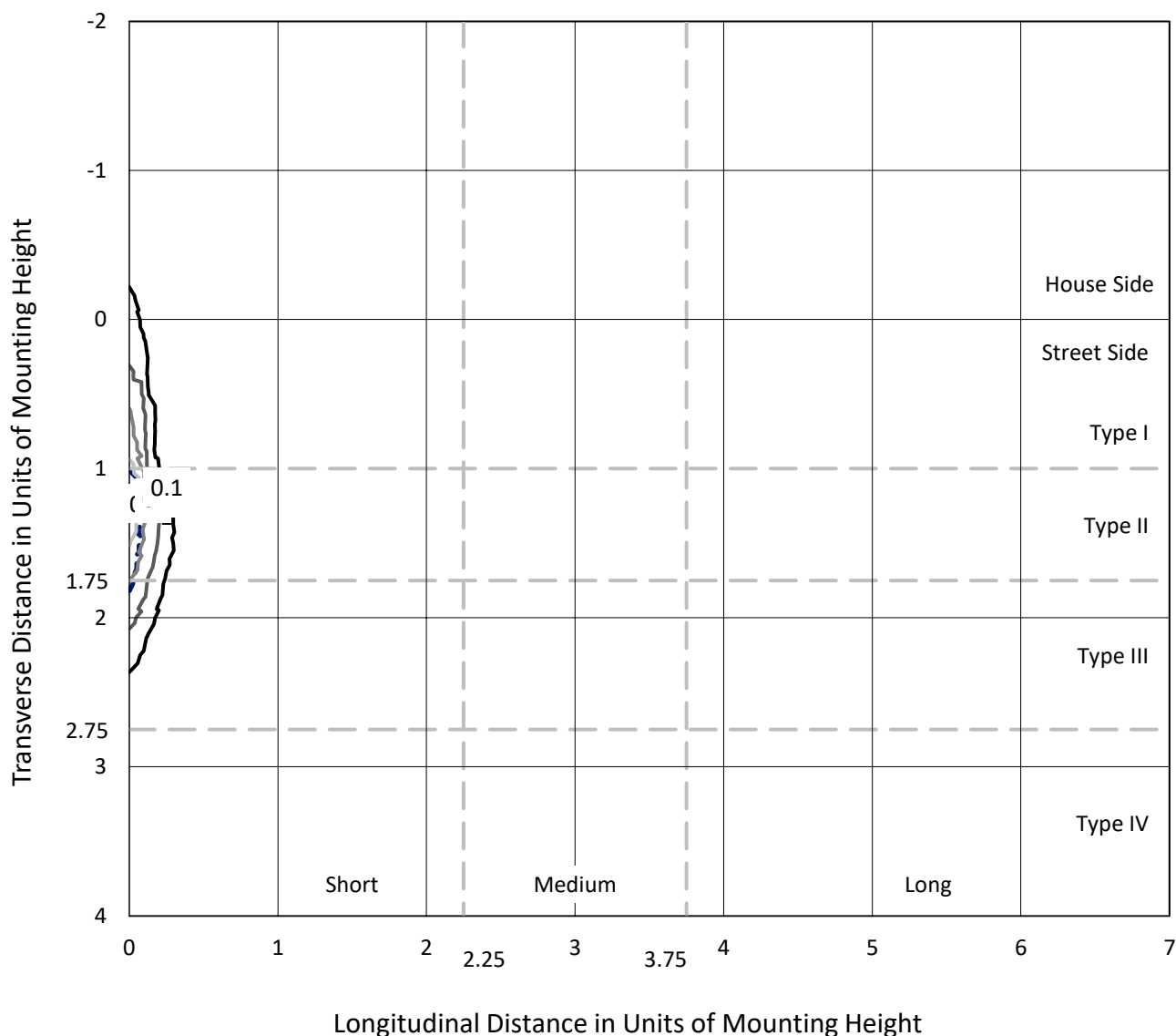
REPORT NUMBER: P1049295

CATALOG NUMBER: GALN-SA4C-927-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

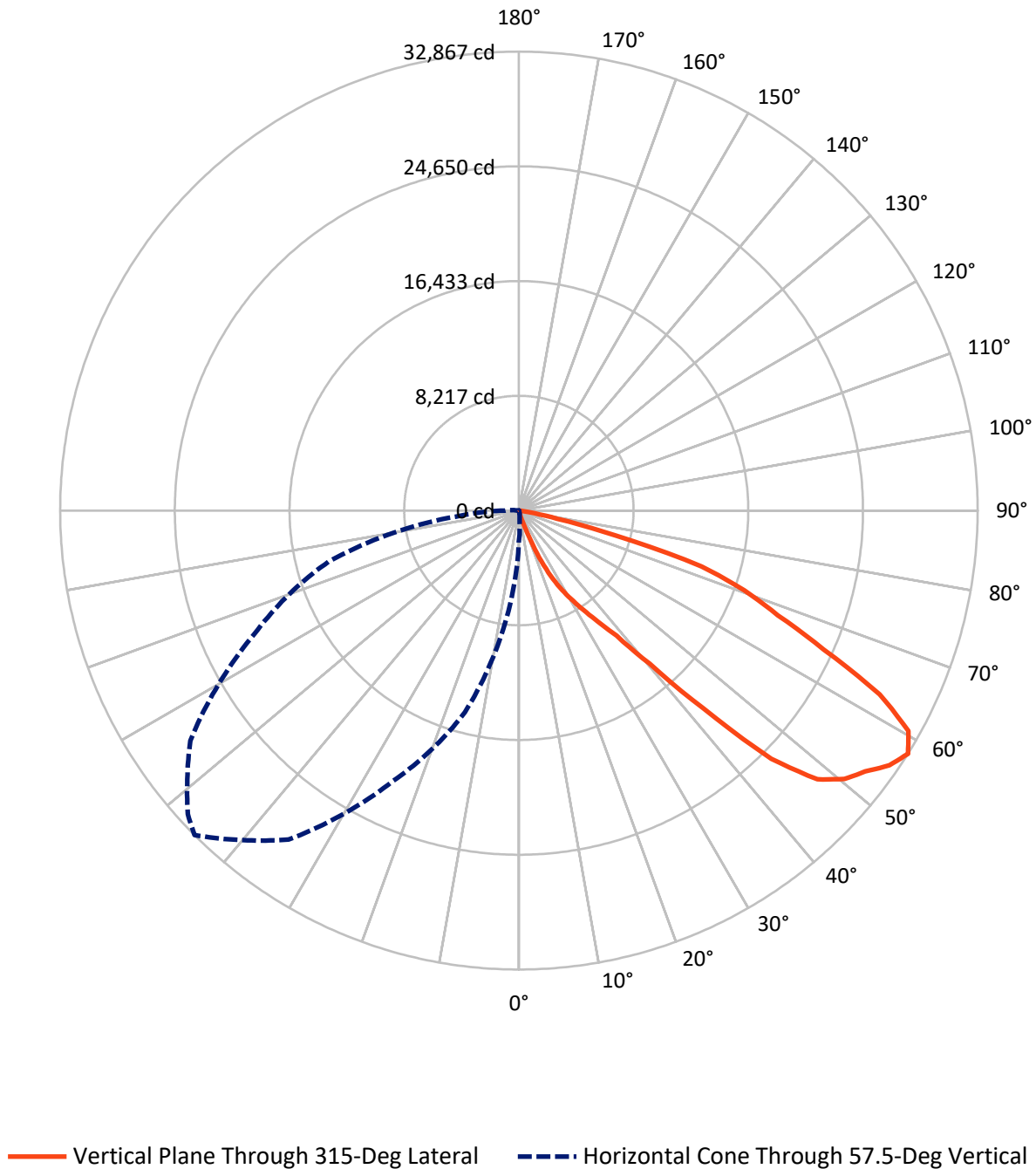


Based on 20 foot mounting height. Maximum calculated value = 1.9 fc

Type III - Short - N/A

REPORT NUMBER: P1049295
CATALOG NUMBER: GALN-SA4C-927-U-RBC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	64.2	0.0	64.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	12752.9	0.0	12752.9
	% Fixture	99.5	0.0	99.5
Total	Lumens	12817.1	0.0	12817.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.0	0.0
10°-20°	28.2	0.2
20°-30°	303.7	2.4
30°-40°	898.2	7.0
40°-50°	2677.0	20.9
50°-60°	4244.7	33.1
60°-70°	3543.3	27.6
70°-80°	1092.6	8.5
80°-90°	24.3	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°	12817.1	100.0
0°-180°	12817.1	100.0



REPORT NUMBER: P1049295

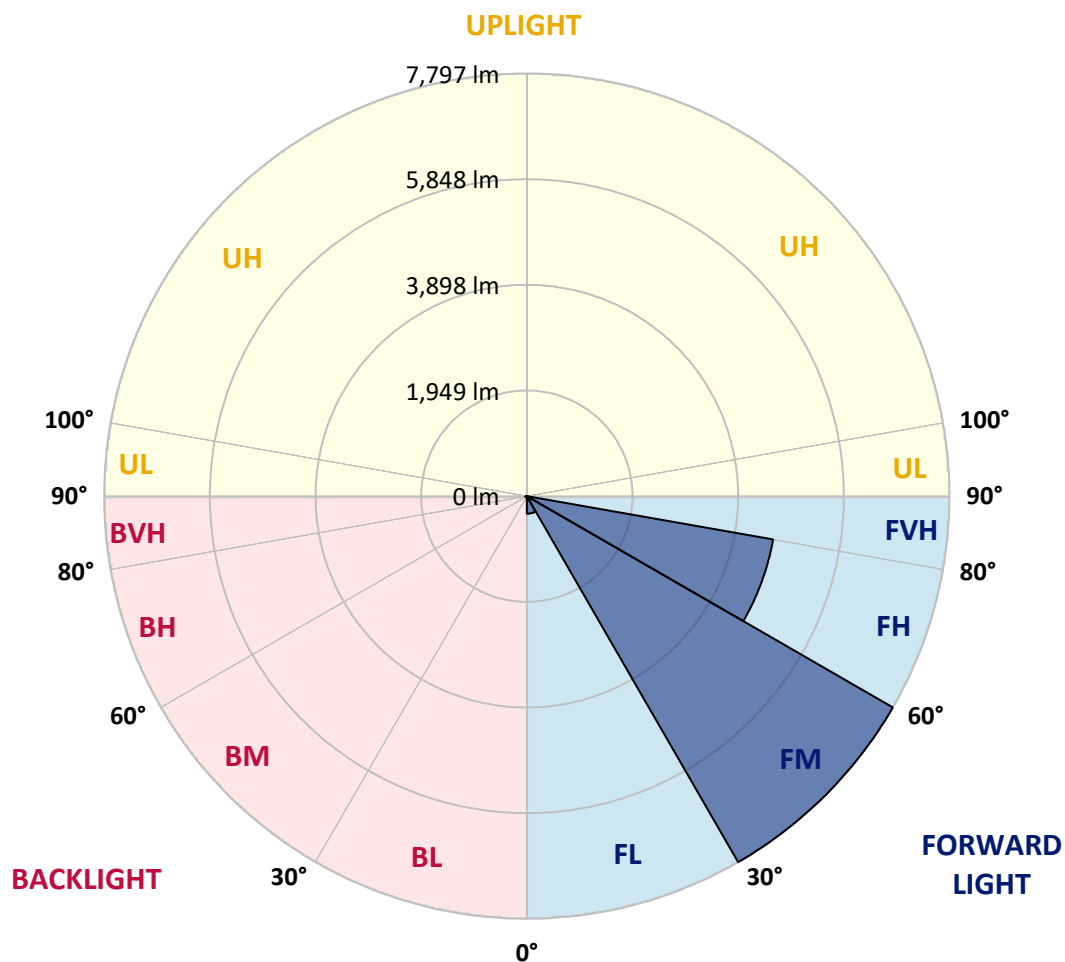
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	325.1	2.5			
FM	(30°-60°)	7797.0	60.8			
FH	(60°-80°)	4612.0	36.0			G2/5000
FVH	(80°-90°)	18.8	0.1			G1/100
BL	(0°-30°)	11.8	0.1	B0/110		
BM	(30°-60°)	22.9	0.2	B0/220		
BH	(60°-80°)	23.9	0.2	B0/110		G0/110
BVH	(80°-90°)	5.5	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°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
2.5°	51.3	51.3	51.3	51.3	50.4	50.4	49.4	49.4	48.4	48.4
5°	54.2	54.2	53.3	52.3	52.3	51.3	50.4	49.4	49.4	48.4
7.5°	59.1	58.1	57.1	56.2	54.2	53.3	51.3	50.4	49.4	47.5
10°	64.9	63.0	61.0	59.1	57.1	55.2	53.3	52.3	50.4	49.4
12.5°	72.6	69.7	65.9	63.0	61.0	58.1	56.2	54.2	51.3	49.4
15°	79.4	75.5	70.7	66.8	63.9	60.1	57.1	54.2	52.3	49.4
17.5°	89.1	82.3	74.6	69.7	65.9	61.0	56.2	53.3	50.4	46.5
20°	105.6	92.0	77.5	71.7	65.9	60.1	54.2	50.4	47.5	43.6
22.5°	131.7	108.5	85.2	76.5	68.8	60.1	52.3	48.4	44.6	40.7
25°	182.1	140.4	98.8	87.2	75.5	63.9	52.3	47.5	43.6	38.7
27.5°	242.1	180.2	117.2	100.7	85.2	68.8	52.3	46.5	41.6	35.8
30°	303.2	220.8	137.5	116.2	94.9	73.6	52.3	45.5	39.7	32.9
32.5°	361.3	258.6	155.0	129.8	104.6	78.5	53.3	45.5	37.8	30.0
35°	420.4	289.6	157.9	131.7	105.6	78.5	52.3	43.6	35.8	27.1
37.5°	495.9	324.5	152.1	125.9	100.7	74.6	49.4	41.6	33.9	25.2
40°	610.2	382.6	155.0	127.9	100.7	73.6	46.5	38.7	32.0	24.2
42.5°	821.4	494.9	167.6	136.6	105.6	73.6	42.6	35.8	30.0	23.2
45°	1419.9	822.3	224.7	178.2	131.7	85.2	38.7	32.9	28.1	22.3
47.5°	2348.8	1376.3	403.9	311.9	220.8	128.8	37.8	32.9	28.1	22.3
50°	2997.7	1753.1	508.5	391.3	274.1	156.9	39.7	33.9	29.1	23.2
52.5°	2992.9	1780.2	566.6	434.9	304.1	172.4	41.6	35.8	31.0	25.2
55°	2660.7	1619.5	577.3	443.6	310.9	177.2	44.6	38.7	32.9	27.1
57.5°	2223.8	1375.4	526.9	407.8	289.6	170.5	51.3	44.6	38.7	32.0
60°	1758.9	1084.8	410.7	324.5	239.2	153.0	67.8	59.1	51.3	42.6
62.5°	1214.6	786.5	358.4	287.7	217.9	147.2	77.5	68.8	61.0	52.3
65°	859.1	591.8	323.5	263.5	204.4	144.3	84.3	74.6	65.9	56.2
67.5°	642.2	470.7	298.3	247.0	195.7	144.3	93.0	81.4	70.7	59.1
70°	492.0	386.5	279.9	238.3	197.6	155.9	114.3	97.8	82.3	65.9
72.5°	401.0	330.3	258.6	228.6	198.6	168.5	138.5	117.2	95.9	73.6
75°	332.2	282.8	233.4	208.2	184.0	158.8	133.7	114.3	95.9	76.5
77.5°	220.8	201.5	181.1	166.6	152.1	136.6	122.0	105.6	90.1	73.6
80°	77.5	74.6	71.7	77.5	83.3	89.1	94.9	83.3	72.6	61.0
82.5°	11.6	10.7	9.7	10.7	11.6	12.6	13.6	14.5	15.5	16.5
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°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	47.5	47.5	46.5	46.5	46.5	45.5	45.5	44.6	44.6	44.6
0.0	5°	46.5	46.5	45.5	44.6	43.6	43.6	42.6	41.6	41.6	40.7
0.0	7.5°	45.5	44.6	43.6	42.6	41.6	40.7	39.7	38.7	38.7	37.8
0.0	10°	46.5	44.6	43.6	41.6	40.7	39.7	37.8	36.8	35.8	35.8
0.0	12.5°	44.6	43.6	41.6	39.7	38.7	36.8	35.8	33.9	32.9	32.9
0.0	15°	44.6	42.6	39.7	37.8	35.8	34.9	32.9	31.0	30.0	29.1
0.0	17.5°	41.6	39.7	36.8	34.9	32.9	31.0	29.1	27.1	26.2	25.2
0.0	20°	37.8	35.8	32.9	30.0	28.1	26.2	24.2	22.3	21.3	20.3
0.0	22.5°	33.9	32.0	29.1	26.2	24.2	22.3	19.4	17.4	16.5	14.5
0.0	25°	32.0	29.1	26.2	23.2	20.3	18.4	15.5	12.6	10.7	8.7
0.0	27.5°	27.1	24.2	21.3	18.4	15.5	12.6	9.7	6.8	4.8	3.9
0.0	30°	23.2	20.3	17.4	14.5	10.7	7.7	4.8	1.0	1.0	1.0
0.0	32.5°	19.4	16.5	12.6	9.7	7.7	4.8	2.9	0.0	0.0	0.0
0.0	35°	15.5	12.6	8.7	5.8	4.8	2.9	1.9	0.0	0.0	0.0
0.0	37.5°	13.6	10.7	6.8	2.9	1.9	1.9	1.0	0.0	0.0	0.0
0.0	40°	12.6	8.7	4.8	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.0	42.5°	12.6	8.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	12.6	8.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	12.6	8.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	13.6	9.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	15.5	11.6	7.7	3.9	2.9	1.9	1.0	0.0	0.0	0.0
0.0	55°	19.4	17.4	14.5	12.6	9.7	6.8	2.9	0.0	0.0	0.0
0.0	57.5°	25.2	25.2	24.2	23.2	17.4	11.6	5.8	0.0	0.0	0.0
0.0	60°	33.9	33.9	33.9	33.9	25.2	17.4	8.7	0.0	0.0	0.0
0.0	62.5°	41.6	39.7	36.8	34.9	26.2	17.4	8.7	0.0	0.0	0.0
0.0	65°	41.6	37.8	32.9	28.1	21.3	14.5	6.8	0.0	0.0	0.0
0.0	67.5°	38.7	31.0	22.3	14.5	10.7	7.7	3.9	0.0	0.0	0.0
	70°	38.7	27.1	15.5	3.9	2.9	1.9	1.0	0.0	0.0	0.0
	72.5°	38.7	26.2	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	42.6	29.1	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	42.6	29.1	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	37.8	25.2	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	12.6	8.7	3.9	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°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	43.6	43.6	43.6	42.6	42.6	42.6	42.6	41.6	41.6	41.6
0.0	5°	39.7	39.7	38.7	38.7	37.8	37.8	36.8	36.8	35.8	35.8
0.0	7.5°	36.8	35.8	35.8	34.9	33.9	33.9	32.9	32.9	32.0	31.0
0.0	10°	33.9	32.9	32.9	32.0	31.0	30.0	30.0	29.1	28.1	27.1
0.0	12.5°	31.0	30.0	29.1	28.1	27.1	26.2	26.2	25.2	24.2	23.2
0.0	15°	27.1	26.2	25.2	24.2	23.2	22.3	22.3	21.3	20.3	19.4
0.0	17.5°	23.2	22.3	22.3	21.3	20.3	19.4	18.4	16.5	15.5	14.5
0.0	20°	17.4	16.5	15.5	14.5	13.6	11.6	10.7	8.7	6.8	5.8
0.0	22.5°	11.6	9.7	8.7	6.8	4.8	3.9	2.9	1.0	0.0	0.0
0.0	25°	3.9	2.9	1.9	1.0	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: P1049295

CATALOG NUMBER: GALN-SA4C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049295

CATALOG NUMBER: GALN-SA4C-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°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	40.7	40.7	40.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
0.0	5°	34.9	34.9	34.9	33.9	33.9	32.9	32.9	32.9	32.0	32.0
0.0	7.5°	30.0	29.1	29.1	28.1	28.1	27.1	27.1	27.1	26.2	26.2
0.0	10°	25.2	24.2	24.2	23.2	23.2	22.3	22.3	21.3	21.3	20.3
0.0	12.5°	22.3	21.3	20.3	19.4	19.4	18.4	17.4	17.4	16.5	15.5
0.0	15°	17.4	16.5	15.5	14.5	13.6	12.6	11.6	11.6	10.7	9.7
0.0	17.5°	11.6	9.7	8.7	7.7	7.7	6.8	5.8	4.8	3.9	2.9
0.0	20°	2.9	1.9	1.0	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
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-SA4C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049295

CATALOG NUMBER: GALN-SA4C-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°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	39.7	38.7	38.7	38.7	39.7	39.7	39.7	39.7	39.7	39.7
0.0	5°	32.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
0.0	7.5°	26.2	25.2	25.2	25.2	25.2	24.2	24.2	24.2	24.2	24.2
0.0	10°	20.3	19.4	19.4	19.4	19.4	18.4	18.4	18.4	18.4	18.4
0.0	12.5°	14.5	14.5	13.6	13.6	13.6	12.6	12.6	12.6	12.6	11.6
0.0	15°	8.7	7.7	6.8	6.8	6.8	5.8	5.8	5.8	5.8	4.8
0.0	17.5°	1.9	1.9	1.0	1.0	1.0	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
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-SA4C-927-U-RBC

[illegible]

REPORT NUMBER: P1049295

CATALOG NUMBER: GALN-SA4C-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°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	40.7	40.7	41.6	41.6	42.6	44.6	45.5	46.5	48.4	50.4
0.0	5°	32.0	32.9	32.9	33.9	34.9	35.8	36.8	37.8	39.7	41.6
0.0	7.5°	25.2	25.2	26.2	26.2	27.1	29.1	30.0	31.0	32.9	35.8
0.0	10°	19.4	19.4	20.3	20.3	21.3	23.2	24.2	25.2	27.1	30.0
0.0	12.5°	12.6	13.6	13.6	14.5	15.5	17.4	18.4	19.4	21.3	23.2
0.0	15°	5.8	6.8	6.8	7.7	8.7	10.7	11.6	12.6	14.5	17.4
0.0	17.5°	1.0	1.0	1.9	1.9	2.9	3.9	4.8	5.8	8.7	10.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.9
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049295

CATALOG NUMBER: GALN-SA4C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049295

CATALOG NUMBER: GALN-SA4C-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°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	53.3	55.2	57.1	59.1	61.0	63.0	63.9	65.9	66.8	67.8
0.0	5°	45.5	47.5	50.4	52.3	54.2	56.2	58.1	59.1	60.1	61.0
0.0	7.5°	39.7	41.6	44.6	46.5	48.4	50.4	52.3	54.2	55.2	56.2
0.0	10°	33.9	36.8	38.7	41.6	43.6	45.5	47.5	49.4	51.3	52.3
0.0	12.5°	27.1	30.0	32.9	34.9	37.8	40.7	42.6	44.6	46.5	48.4
0.0	15°	21.3	24.2	27.1	29.1	32.0	34.9	37.8	39.7	41.6	43.6
0.0	17.5°	15.5	18.4	21.3	23.2	26.2	29.1	31.0	33.9	35.8	37.8
0.0	20°	7.7	10.7	13.6	16.5	19.4	22.3	24.2	27.1	29.1	31.0
0.0	22.5°	1.0	3.9	6.8	8.7	11.6	14.5	16.5	19.4	21.3	23.2
0.0	25°	0.0	1.0	2.9	3.9	4.8	6.8	8.7	10.7	12.6	14.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.0	1.9	3.9	5.8	7.7
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.9
	85°	0.0	0.0	0.0	0.0	0.0	1.9	2.9	4.8	5.8	6.8
	87.5°	0.0	1.0	1.9	2.9	3.9	5.8	7.7	9.7	10.7	11.6
	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: P1049295

CATALOG NUMBER: GALN-SA4C-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
56.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.9	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											
1.0											
3.9											
8.7											
12.6											
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REPORT NUMBER: P1049295

CATALOG NUMBER: GALN-SA4C-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°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	68.8	68.8	68.8	68.8	67.8	67.8	67.8	66.8	66.8	65.9
0.0	5°	63.0	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.0	63.0
0.0	7.5°	58.1	59.1	60.1	60.1	61.0	61.0	61.0	60.1	60.1	59.1
0.0	10°	55.2	56.2	56.2	57.1	57.1	57.1	57.1	57.1	57.1	57.1
0.0	12.5°	51.3	52.3	53.3	53.3	54.2	54.2	54.2	54.2	53.3	53.3
0.0	15°	46.5	48.4	49.4	50.4	50.4	51.3	51.3	51.3	51.3	51.3
0.0	17.5°	42.6	44.6	45.5	46.5	46.5	47.5	47.5	48.4	48.4	48.4
0.0	20°	34.9	36.8	37.8	39.7	40.7	41.6	42.6	43.6	43.6	44.6
0.0	22.5°	27.1	29.1	30.0	32.0	32.9	33.9	34.9	35.8	36.8	37.8
0.0	25°	19.4	21.3	22.3	24.2	25.2	26.2	27.1	28.1	28.1	29.1
0.0	27.5°	10.7	12.6	14.5	15.5	17.4	18.4	19.4	20.3	21.3	22.3
0.0	30°	4.8	5.8	6.8	8.7	9.7	10.7	11.6	13.6	14.5	15.5
0.0	32.5°	0.0	0.0	1.0	2.9	3.9	4.8	5.8	6.8	6.8	7.7
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.9	2.9	3.9
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°	1.9	1.9	1.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	82.5°	4.8	5.8	6.8	6.8	7.7	7.7	7.7	7.7	6.8	6.8
	85°	9.7	10.7	11.6	11.6	12.6	12.6	12.6	12.6	12.6	12.6
	87.5°	13.6	14.5	15.5	15.5	16.5	16.5	16.5	16.5	16.5	16.5
	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: P1049295

CATALOG NUMBER: GALN-SA4C-927-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
56.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	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											
2.9											
6.8											
12.6											
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REPORT NUMBER: P1049295

CATALOG NUMBER: GALN-SA4C-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°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	64.9	64.9	63.9	63.9	63.9	63.9	63.9	64.9	65.9	65.9
0.0	5°	62.0	62.0	61.0	61.0	61.0	62.0	62.0	63.0	63.9	64.9
0.0	7.5°	59.1	58.1	58.1	59.1	59.1	60.1	60.1	61.0	62.0	63.0
0.0	10°	57.1	56.2	56.2	56.2	57.1	57.1	58.1	59.1	60.1	61.0
0.0	12.5°	53.3	53.3	53.3	53.3	54.2	54.2	55.2	56.2	58.1	59.1
0.0	15°	51.3	50.4	50.4	50.4	50.4	51.3	51.3	53.3	55.2	56.2
0.0	17.5°	47.5	47.5	46.5	46.5	47.5	47.5	48.4	50.4	52.3	53.3
0.0	20°	43.6	42.6	41.6	41.6	42.6	42.6	43.6	45.5	47.5	48.4
0.0	22.5°	37.8	36.8	36.8	36.8	36.8	37.8	37.8	39.7	42.6	44.6
0.0	25°	30.0	31.0	31.0	32.0	32.0	32.9	33.9	35.8	38.7	40.7
0.0	27.5°	23.2	24.2	24.2	26.2	27.1	28.1	29.1	32.0	34.9	36.8
0.0	30°	17.4	18.4	19.4	20.3	22.3	24.2	26.2	29.1	32.0	33.9
0.0	32.5°	10.7	12.6	13.6	15.5	17.4	19.4	21.3	24.2	28.1	31.0
0.0	35°	7.7	8.7	10.7	11.6	13.6	15.5	17.4	21.3	24.2	28.1
0.0	37.5°	3.9	5.8	7.7	9.7	11.6	13.6	15.5	19.4	23.2	26.2
0.0	40°	2.9	4.8	5.8	7.7	10.7	12.6	14.5	18.4	22.3	26.2
0.0	42.5°	1.9	2.9	3.9	6.8	8.7	11.6	14.5	18.4	22.3	26.2
0.0	45°	1.9	1.9	2.9	5.8	8.7	12.6	15.5	19.4	22.3	26.2
0.0	47.5°	1.9	2.9	3.9	7.7	9.7	12.6	15.5	18.4	22.3	25.2
0.0	50°	2.9	3.9	4.8	8.7	10.7	13.6	15.5	19.4	22.3	26.2
0.0	52.5°	1.9	2.9	3.9	7.7	10.7	14.5	17.4	21.3	25.2	28.1
0.0	55°	1.0	1.0	1.0	5.8	11.6	16.5	22.3	25.2	29.1	32.0
0.0	57.5°	0.0	0.0	0.0	3.9	11.6	18.4	25.2	29.1	32.9	35.8
0.0	60°	0.0	0.0	0.0	3.9	11.6	18.4	25.2	30.0	34.9	39.7
0.0	62.5°	0.0	0.0	0.0	3.9	9.7	15.5	21.3	29.1	37.8	45.5
0.0	65°	0.0	0.0	0.0	2.9	7.7	12.6	17.4	29.1	40.7	51.3
0.0	67.5°	0.0	0.0	0.0	2.9	7.7	11.6	16.5	29.1	40.7	53.3
	70°	0.0	0.0	0.0	2.9	7.7	12.6	17.4	29.1	40.7	52.3
	72.5°	0.0	0.0	0.0	2.9	8.7	13.6	19.4	29.1	38.7	48.4
	75°	0.0	0.0	0.0	3.9	8.7	14.5	20.3	29.1	37.8	45.5
	77.5°	0.0	0.0	0.0	2.9	8.7	13.6	19.4	28.1	36.8	44.6
	80°	2.9	1.9	1.9	4.8	8.7	12.6	16.5	25.2	34.9	43.6
	82.5°	5.8	5.8	4.8	6.8	8.7	11.6	14.5	22.3	31.0	38.7
	85°	11.6	11.6	10.7	11.6	11.6	12.6	13.6	17.4	21.3	25.2
	87.5°	15.5	15.5	14.5	14.5	14.5	13.6	13.6	13.6	13.6	12.6
	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: P1049295

CATALOG NUMBER: GALN-SA4C-927-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
56.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.9											
58.1											
54.2											
53.3											
52.3											
46.5											
29.1											
12.6											
0.0											
0.0											
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REPORT NUMBER: P1049295

CATALOG NUMBER: GALN-SA4C-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°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	67.8	68.8	68.8	69.7	70.7	71.7	71.7	72.6	72.6	72.6
0.0	5°	66.8	68.8	69.7	70.7	71.7	72.6	73.6	74.6	75.5	75.5
0.0	7.5°	65.9	66.8	68.8	69.7	71.7	72.6	74.6	75.5	76.5	77.5
0.0	10°	63.9	65.9	67.8	69.7	71.7	73.6	75.5	77.5	79.4	80.4
0.0	12.5°	62.0	64.9	66.8	68.8	71.7	74.6	76.5	79.4	81.4	83.3
0.0	15°	61.0	63.0	65.9	67.8	71.7	75.5	78.5	82.3	86.2	89.1
0.0	17.5°	58.1	62.0	64.9	67.8	71.7	76.5	80.4	84.3	90.1	95.9
0.0	20°	54.2	57.1	61.0	63.9	69.7	74.6	80.4	85.2	94.0	102.7
0.0	22.5°	50.4	54.2	57.1	61.0	67.8	73.6	80.4	86.2	100.7	114.3
0.0	25°	46.5	51.3	55.2	59.1	66.8	74.6	82.3	90.1	114.3	138.5
0.0	27.5°	44.6	48.4	53.3	57.1	66.8	77.5	87.2	96.9	135.6	173.4
0.0	30°	41.6	46.5	50.4	55.2	67.8	80.4	93.0	105.6	164.7	223.7
0.0	32.5°	38.7	43.6	48.4	53.3	69.7	86.2	101.7	118.2	195.7	272.2
0.0	35°	35.8	41.6	46.5	51.3	72.6	94.9	116.2	137.5	223.7	309.0
0.0	37.5°	34.9	40.7	45.5	50.4	73.6	95.9	119.1	141.4	226.6	311.9
0.0	40°	35.8	40.7	46.5	51.3	70.7	90.1	108.5	127.9	217.0	305.1
0.0	42.5°	35.8	41.6	47.5	53.3	68.8	84.3	99.8	115.3	214.1	312.8
0.0	45°	34.9	40.7	46.5	52.3	66.8	80.4	94.9	108.5	231.5	353.5
0.0	47.5°	33.9	39.7	45.5	51.3	65.9	80.4	94.9	109.4	299.3	488.2
0.0	50°	33.9	39.7	44.6	49.4	66.8	85.2	102.7	120.1	435.9	750.6
0.0	52.5°	35.8	40.7	44.6	48.4	68.8	90.1	110.4	130.8	554.0	976.3
0.0	55°	38.7	41.6	45.5	48.4	73.6	97.8	123.0	147.2	589.9	1032.5
0.0	57.5°	42.6	45.5	48.4	51.3	82.3	113.3	143.3	174.3	592.8	1010.2
0.0	60°	47.5	51.3	54.2	57.1	90.1	124.0	156.9	189.8	536.6	882.4
0.0	62.5°	58.1	63.0	66.8	71.7	103.6	134.6	166.6	197.6	445.5	693.5
0.0	65°	66.8	70.7	74.6	78.5	109.4	141.4	172.4	203.4	377.7	552.1
0.0	67.5°	68.8	72.6	75.5	79.4	111.4	143.3	174.3	206.3	323.5	439.7
	70°	69.7	74.6	80.4	85.2	118.2	151.1	183.1	216.0	286.7	357.4
	72.5°	66.8	76.5	85.2	94.0	124.9	155.0	186.0	216.0	266.4	316.7
	75°	66.8	80.4	93.0	105.6	128.8	151.1	174.3	196.6	235.4	274.1
	77.5°	70.7	88.1	105.6	123.0	136.6	149.2	162.7	175.3	200.5	225.7
	80°	70.7	89.1	106.5	124.9	130.8	137.5	143.3	149.2	152.1	155.0
	82.5°	61.0	75.5	90.1	104.6	97.8	91.0	84.3	77.5	72.6	66.8
	85°	31.0	33.9	35.8	37.8	34.9	32.0	29.1	26.2	24.2	21.3
	87.5°	12.6	12.6	11.6	11.6	11.6	11.6	10.7	10.7	10.7	10.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049295

CATALOG NUMBER: GALN-SA4C-927-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
56.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
286.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
388.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
485.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
551.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
600.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
649.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
746.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
940.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1433.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2195.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2764.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2827.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2551.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2181.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1704.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1288.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
951.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
673.2											
500.8											
364.2											
274.1											
154.0											
69.7											
20.3											
9.7											
0.0											
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REPORT NUMBER: P1049295

CATALOG NUMBER: GALN-SA4C-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°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	72.6	71.7	71.7	70.7	69.7	68.8	67.8	66.8	65.9	64.9
0.0	5°	75.5	75.5	75.5	74.6	74.6	73.6	73.6	72.6	71.7	70.7
0.0	7.5°	78.5	79.4	79.4	80.4	80.4	80.4	80.4	79.4	79.4	79.4
0.0	10°	83.3	84.3	85.2	86.2	87.2	88.1	88.1	89.1	89.1	89.1
0.0	12.5°	89.1	92.0	94.0	96.9	98.8	101.7	103.6	106.5	108.5	110.4
0.0	15°	97.8	102.7	108.5	113.3	118.2	124.9	132.7	139.5	146.3	156.9
0.0	17.5°	110.4	125.9	141.4	155.9	171.4	205.3	239.2	272.2	306.1	355.5
0.0	20°	134.6	181.1	226.6	273.1	318.7	437.8	556.0	675.1	793.3	920.1
0.0	22.5°	188.9	303.2	417.5	531.7	646.0	895.0	1142.9	1391.8	1639.8	1931.3
0.0	25°	274.1	484.3	694.5	903.7	1113.9	1503.2	1893.6	2282.9	2672.3	3051.0
0.0	27.5°	399.1	720.6	1042.2	1362.8	1684.4	2212.2	2741.1	3268.9	3796.8	4224.9
0.0	30°	553.1	988.9	1424.8	1860.6	2296.5	2897.0	3497.5	4097.1	4697.6	5165.4
0.0	32.5°	698.3	1232.0	1765.7	2298.4	2832.1	3515.9	4200.7	4884.5	5568.3	6079.7
0.0	35°	793.3	1438.3	2084.4	2729.4	3374.5	4114.5	4854.5	5593.5	6333.5	6917.6
0.0	37.5°	888.2	1633.0	2376.9	3121.7	3865.6	4678.2	5490.9	6303.5	7116.1	7837.7
0.0	40°	994.7	1868.4	2741.1	3614.7	4487.4	5450.2	6412.0	7374.7	8336.5	9354.5
0.0	42.5°	1179.7	2258.7	3338.7	4417.7	5496.7	6770.3	8044.0	9316.7	10590.4	12043.3
0.0	45°	1527.4	3048.1	4569.7	6090.4	7611.1	9298.3	10986.5	12673.8	14361.1	16294.3
0.0	47.5°	2378.8	4470.9	6562.1	8654.2	10745.4	12567.3	14388.2	16210.1	18031.0	19956.5
0.0	50°	3639.9	6074.9	8509.9	10943.9	13378.9	15027.4	16675.0	18323.5	19971.0	21802.6
0.0	52.5°	4552.3	7089.0	9626.7	12163.4	14700.1	16187.8	17676.5	19164.2	20652.0	22363.4
0.0	55°	4621.1	7143.2	9666.4	12188.5	14710.7	16205.2	17699.7	19194.2	20688.8	22502.9
0.0	57.5°	4091.3	6593.1	9093.9	11595.8	14096.6	15798.4	17499.2	19201.0	20901.8	22863.2
0.0	60°	3480.1	5982.9	8484.7	10987.5	13489.3	15449.7	17411.1	19371.5	21331.9	23169.3
0.0	62.5°	2714.9	5289.4	7864.8	10439.3	13013.8	15004.2	16994.6	18984.1	20974.5	22352.8
0.0	65°	2023.4	4523.2	7023.1	9522.1	12022.0	13616.2	15210.5	16803.8	18398.1	19251.4
0.0	67.5°	1462.5	3618.6	5773.7	7929.7	10084.8	11225.8	12366.8	13506.8	14647.8	15300.6
	70°	988.9	2482.5	3975.0	5468.6	6961.1	7898.7	8837.3	9774.9	10712.4	11593.8
	72.5°	684.8	1523.6	2363.3	3202.1	4040.9	4984.3	5926.7	6870.1	7812.5	8745.3
	75°	454.3	835.9	1218.5	1600.1	1981.7	2680.0	3379.4	4077.7	4776.0	5332.0
	77.5°	322.5	436.8	552.1	666.4	780.7	911.4	1043.2	1173.9	1304.7	1503.2
	80°	153.0	167.6	182.1	195.7	210.2	257.6	305.1	352.6	400.0	450.4
	82.5°	72.6	78.5	84.3	89.1	94.9	99.8	104.6	109.4	114.3	109.4
	85°	19.4	19.4	20.3	20.3	20.3	20.3	20.3	20.3	20.3	19.4
	87.5°	8.7	8.7	8.7	8.7	8.7	8.7	8.7	7.7	7.7	6.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049295

CATALOG NUMBER: GALN-SA4C-927-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
56.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
403.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1048.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2222.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3429.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4653.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5634.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6592.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7501.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8560.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10372.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13496.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18227.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21882.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23634.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24074.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24318.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24824.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25005.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23732.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20105.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15954.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12474.3											
9678.0											
5888.0											
1701.8											
500.8											
103.6											
18.4											
6.8											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1049295

CATALOG NUMBER: GALN-SA4C-927-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	2.5°	63.0	62.0	61.0	60.1	59.1	57.1	57.1	56.2	56.2
0.0	5°	68.8	67.8	66.8	65.9	65.9	64.9	63.9	63.9	63.0
0.0	7.5°	78.5	77.5	76.5	75.5	75.5	74.6	74.6	73.6	73.6
0.0	10°	90.1	90.1	90.1	90.1	90.1	89.1	89.1	89.1	88.1
0.0	12.5°	113.3	114.3	116.2	118.2	121.1	121.1	121.1	120.1	120.1
0.0	15°	179.2	189.8	197.6	205.3	212.1	227.6	225.7	222.8	220.8
0.0	17.5°	453.3	501.7	527.9	553.1	579.2	650.9	639.3	627.6	617.0
0.0	20°	1174.9	1301.8	1386.0	1470.3	1555.5	1690.2	1657.2	1624.3	1591.4
0.0	22.5°	2513.5	2805.0	2931.9	3058.8	3184.7	3347.4	3241.8	3136.2	3031.6
0.0	25°	3807.5	4186.2	4400.2	4614.3	4827.4	4920.4	4782.8	4644.3	4506.8
0.0	27.5°	5081.1	5509.3	5698.1	5886.0	6074.9	6269.6	6099.1	5927.7	5757.2
0.0	30°	6102.0	6569.8	6774.2	6977.6	7182.0	7317.6	7141.3	6964.1	6787.8
0.0	32.5°	7103.5	7614.9	7838.7	8062.4	8285.2	8479.9	8262.9	8045.0	7828.0
0.0	35°	8084.7	8668.7	8976.8	9284.8	9592.8	9773.9	9516.2	9257.6	9000.0
0.0	37.5°	9281.9	10003.4	10348.3	10693.1	11037.9	11368.2	11084.4	10799.6	10515.8
0.0	40°	11390.4	12408.4	12937.3	13467.1	13995.9	14422.1	14063.7	13705.3	13347.0
0.0	42.5°	14949.0	16401.8	17162.2	17921.5	18681.9	19347.3	18970.5	18593.7	18217.0
0.0	45°	20160.9	22094.2	23021.1	23947.0	24874.0	25360.2	24817.8	24274.4	23732.0
0.0	47.5°	23806.6	25732.1	26557.4	27382.6	28207.8	28762.8	28099.3	27435.8	26773.3
0.0	50°	25464.8	27296.4	28124.5	28951.7	29779.8	30220.5	29454.4	28687.2	27921.1
0.0	52.5°	25785.4	27496.9	28484.8	29473.7	30461.7	31050.6	30145.9	29240.3	28335.7
0.0	55°	26132.1	27946.3	29092.1	30238.9	31384.7	32200.3	31177.5	30153.7	29130.9
0.0	57.5°	26785.0	28746.3	29889.2	31031.2	32174.1	32866.6	31840.9	30814.2	29788.5
0.0	60°	26843.1	28679.5	29661.6	30644.7	31626.9	32062.7	31081.6	30099.4	29118.3
0.0	62.5°	25110.3	26488.6	27170.5	27852.3	28534.2	29007.8	27984.1	26959.3	25935.5
0.0	65°	20959.0	21812.3	22355.7	22899.0	23442.4	24007.1	23069.5	22131.9	21194.4
0.0	67.5°	16607.2	17260.0	17975.8	18691.6	19407.3	20010.8	19260.1	18508.5	17757.9
	70°	13355.7	14236.1	15041.0	15845.9	16650.8	17144.7	16391.2	15636.7	14883.1
	72.5°	10610.7	11543.5	12215.7	12886.9	13559.1	13680.2	13126.1	12572.1	12019.0
	75°	6443.0	6998.9	7012.5	7025.1	7038.6	7153.9	6694.8	6235.7	5777.5
	77.5°	1900.3	2098.9	2262.6	2425.3	2589.0	2786.6	2618.1	2448.6	2280.0
	80°	550.2	600.5	643.1	684.8	727.4	702.2	662.5	622.8	583.1
	82.5°	98.8	93.0	92.0	91.0	91.0	86.2	78.5	70.7	63.0
	85°	17.4	16.5	15.5	14.5	13.6	12.6	10.7	9.7	7.7
	87.5°	5.8	4.8	3.9	2.9	2.9	1.0	1.0	1.0	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: P1049295

CATALOG NUMBER: GALN-SA4C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049295

CATALOG NUMBER: GALN-SA4C-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°	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
0.0	0.0	2.5°	55.2	54.2	54.2	54.2	54.2	53.3	53.3	53.3	53.3
0.0	0.0	5°	61.0	61.0	60.1	60.1	59.1	59.1	58.1	58.1	57.1
0.0	0.0	7.5°	71.7	70.7	69.7	68.8	67.8	65.9	64.9	63.9	63.9
0.0	0.0	10°	86.2	84.3	83.3	81.4	80.4	78.5	76.5	74.6	72.6
0.0	0.0	12.5°	113.3	109.4	106.5	102.7	98.8	95.9	92.0	89.1	85.2
0.0	0.0	15°	196.6	186.9	176.3	163.7	150.1	137.5	124.0	116.2	107.5
0.0	0.0	17.5°	502.7	452.3	401.0	359.3	317.7	277.0	235.4	205.3	175.3
0.0	0.0	20°	1279.5	1140.0	1000.5	863.0	724.5	587.0	448.5	378.7	309.0
0.0	0.0	22.5°	2407.9	2149.3	1889.7	1638.8	1387.0	1136.1	885.3	727.4	570.5
0.0	0.0	25°	3716.4	3391.0	3065.5	2652.9	2239.3	1826.7	1414.1	1157.4	900.8
0.0	0.0	27.5°	4836.1	4461.3	4086.4	3584.7	3083.0	2581.3	2079.5	1696.9	1315.3
0.0	0.0	30°	5805.6	5402.7	4999.8	4415.7	3831.7	3247.6	2663.6	2185.1	1706.6
0.0	0.0	32.5°	6646.4	6164.0	5681.7	5079.2	4476.8	3874.3	3271.8	2684.9	2097.9
0.0	0.0	35°	7615.9	7053.2	6489.5	5821.1	5151.8	4483.5	3815.2	3152.7	2489.2
0.0	0.0	37.5°	8847.9	8157.3	7465.8	6720.9	5976.1	5232.2	4487.4	3730.0	2972.6
0.0	0.0	40°	11206.4	10315.3	9424.2	8477.9	7530.7	6584.4	5638.1	4708.2	3778.4
0.0	0.0	42.5°	15432.3	14228.4	13024.4	11765.3	10505.2	9246.0	7985.9	6674.4	5362.0
0.0	0.0	45°	20201.6	18708.0	17213.5	15800.4	14386.2	12973.1	11559.9	9760.3	7960.7
0.0	0.0	47.5°	22883.5	21270.9	19658.2	18320.6	16983.0	15645.4	14307.8	12367.7	10427.7
0.0	0.0	50°	23870.5	22228.8	20587.1	19356.0	18124.0	16892.9	15660.9	13717.9	11774.0
0.0	0.0	52.5°	24080.7	22406.0	20731.4	19492.6	18253.8	17015.9	15777.1	13846.7	11916.4
0.0	0.0	55°	24512.7	22716.0	20918.3	19506.1	18093.9	16681.8	15269.6	13308.2	11346.9
0.0	0.0	57.5°	25077.4	23235.1	21392.9	19784.1	18175.3	16567.5	14958.7	12814.2	10669.8
0.0	0.0	60°	24929.2	23326.2	21722.2	19999.1	18275.1	16552.0	14827.9	12469.4	10110.0
0.0	0.0	62.5°	22356.6	21080.1	19802.5	18385.5	16967.5	15550.5	14133.4	11705.2	9277.0
0.0	0.0	65°	18392.3	17460.5	16528.7	15388.7	14247.7	13107.7	11967.7	9790.4	7614.0
0.0	0.0	67.5°	14906.4	13856.4	12805.5	11897.0	10987.5	10079.0	9169.5	7456.1	5742.7
		70°	11842.8	10700.8	9557.9	8670.7	7782.5	6895.3	6008.1	4869.0	3731.0
		72.5°	9404.9	8375.3	7345.7	6399.4	5452.1	4505.8	3558.5	2885.4	2212.2
		75°	4495.2	4083.5	3671.9	3176.9	2682.0	2187.0	1692.1	1398.6	1106.1
		77.5°	1665.9	1444.1	1221.4	1019.9	818.4	618.0	416.5	381.6	346.7
		80°	431.0	375.8	319.6	279.9	239.2	199.5	159.8	144.3	129.8
		82.5°	49.4	45.5	42.6	40.7	37.8	35.8	32.9	30.0	27.1
		85°	2.9	1.9	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: P1049295

CATALOG NUMBER: GALN-SA4C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049295

CATALOG NUMBER: GALN-SA4C-927-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	56.2	56.2
0.0	0.0	2.5°	52.3	51.3
0.0	0.0	5°	55.2	54.2
0.0	0.0	7.5°	61.0	59.1
0.0	0.0	10°	66.8	64.9
0.0	0.0	12.5°	75.5	72.6
0.0	0.0	15°	85.2	79.4
0.0	0.0	17.5°	101.7	89.1
0.0	0.0	20°	137.5	105.6
0.0	0.0	22.5°	193.7	131.7
0.0	0.0	25°	284.8	182.1
0.0	0.0	27.5°	396.1	242.1
0.0	0.0	30°	526.9	303.2
0.0	0.0	32.5°	642.2	361.3
0.0	0.0	35°	792.3	420.4
0.0	0.0	37.5°	977.3	495.9
0.0	0.0	40°	1264.0	610.2
0.0	0.0	42.5°	1780.2	821.4
0.0	0.0	45°	2891.2	1419.9
0.0	0.0	47.5°	4448.7	2348.8
0.0	0.0	50°	5442.4	2997.7
0.0	0.0	52.5°	5523.8	2992.9
0.0	0.0	55°	5042.4	2660.7
0.0	0.0	57.5°	4302.4	2223.8
0.0	0.0	60°	3576.0	1758.9
0.0	0.0	62.5°	2817.6	1214.6
0.0	0.0	65°	2059.2	859.1
0.0	0.0	67.5°	1479.0	642.2
		70°	972.4	492.0
		72.5°	633.4	401.0
		75°	426.2	332.2
		77.5°	248.9	220.8
		80°	88.1	77.5
		82.5°	16.5	11.6
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049295

CATALOG NUMBER: GALN-SA4C-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

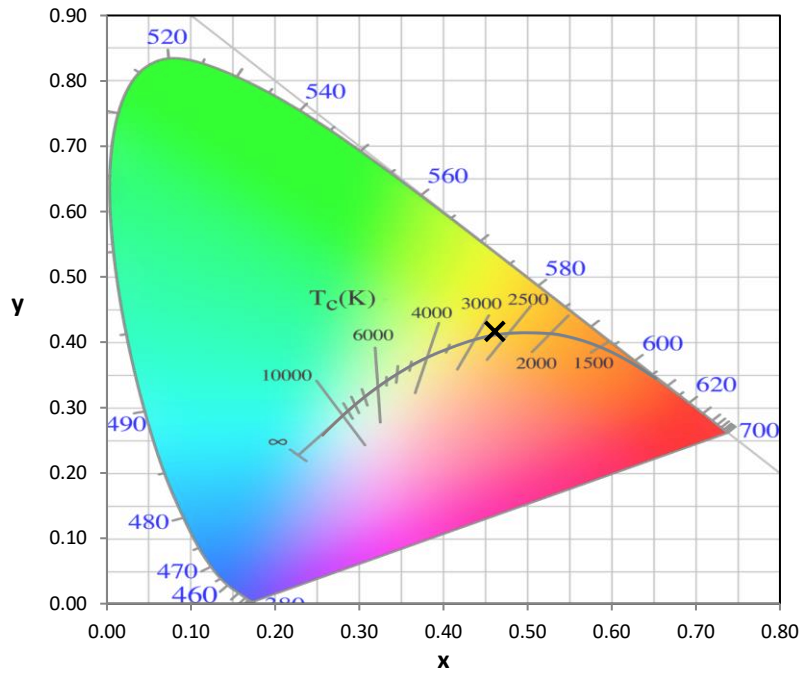
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

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

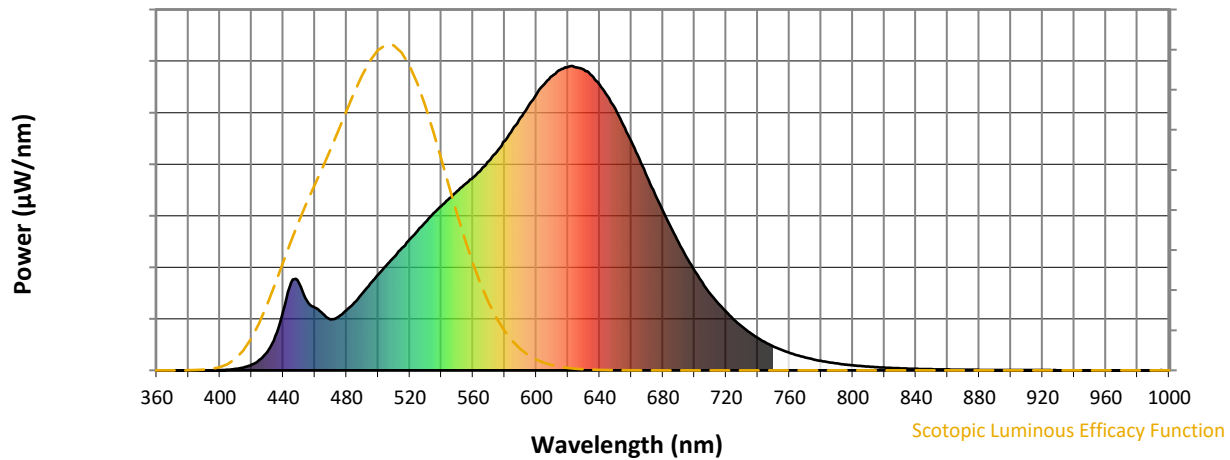


Photopic Lumens: NR

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



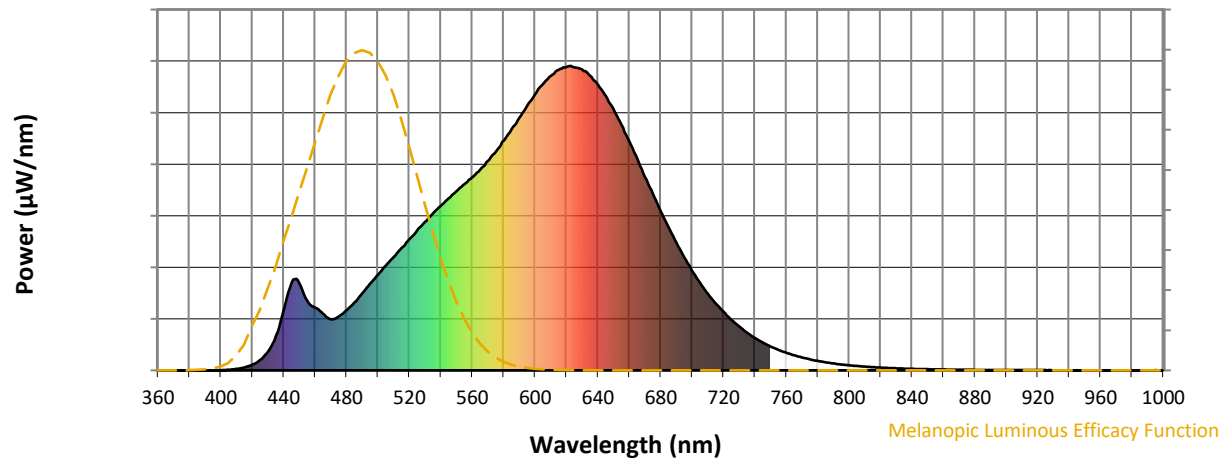
Scotopic Lumens: NR

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

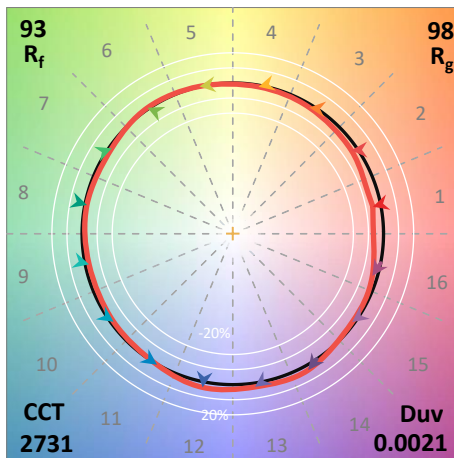
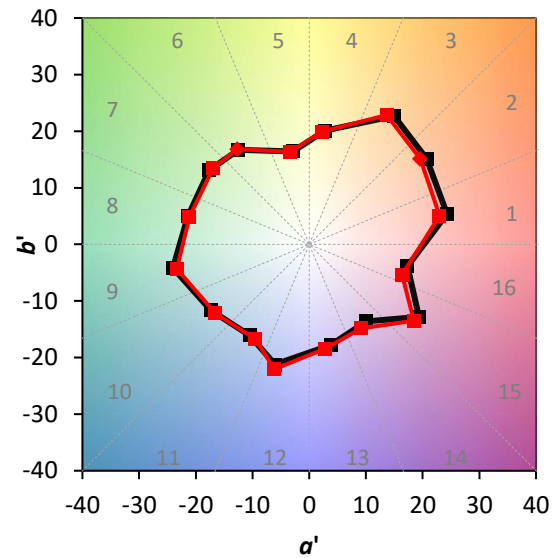
TM-30-18

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)