

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: P1049294

Luminaire Tested: **GALN-SA4B-927-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049294
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4B-927-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 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: 10273 lumens
Efficiency: N/A
Efficacy: 71.3 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): 144.1
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

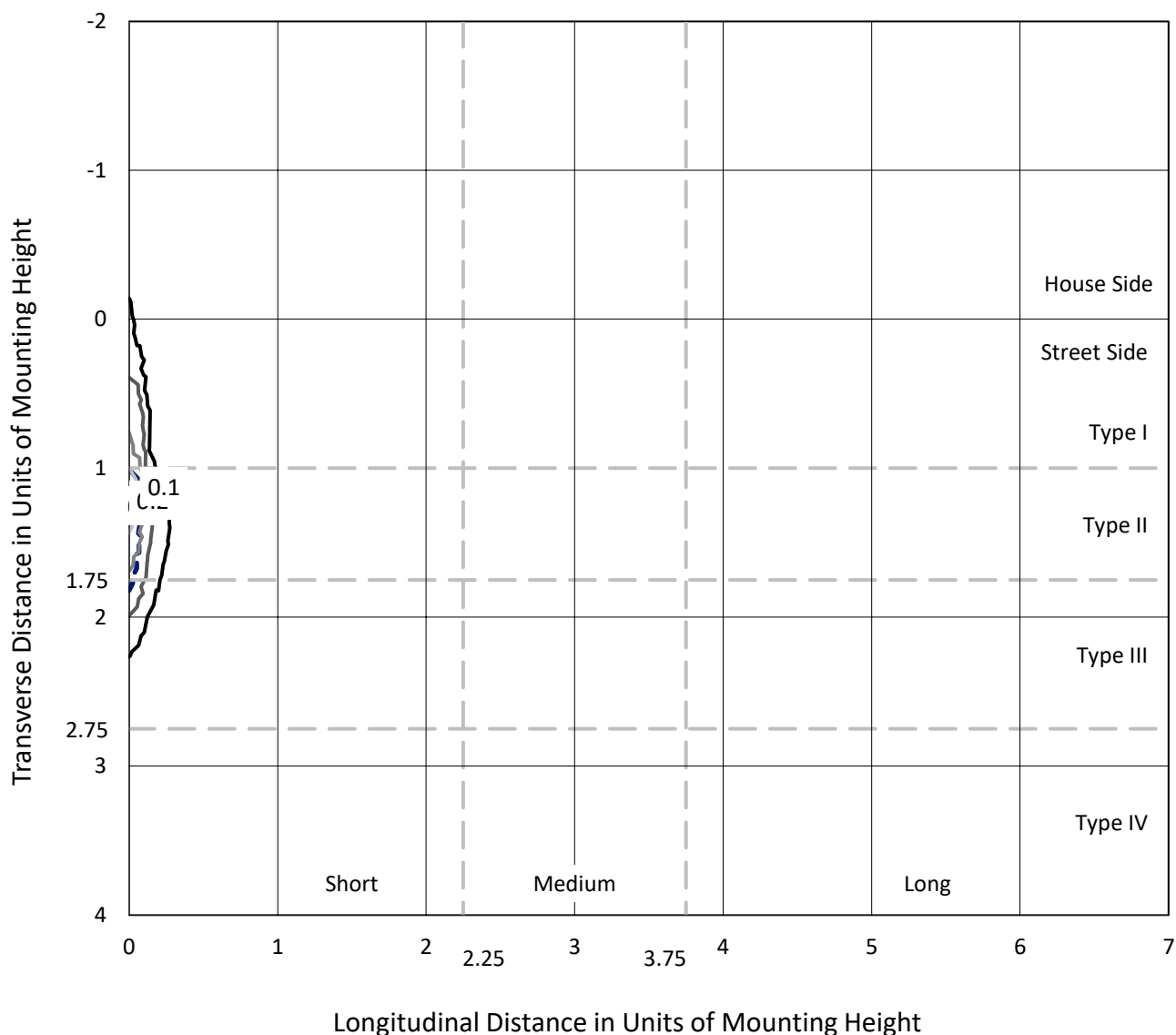
REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-927-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



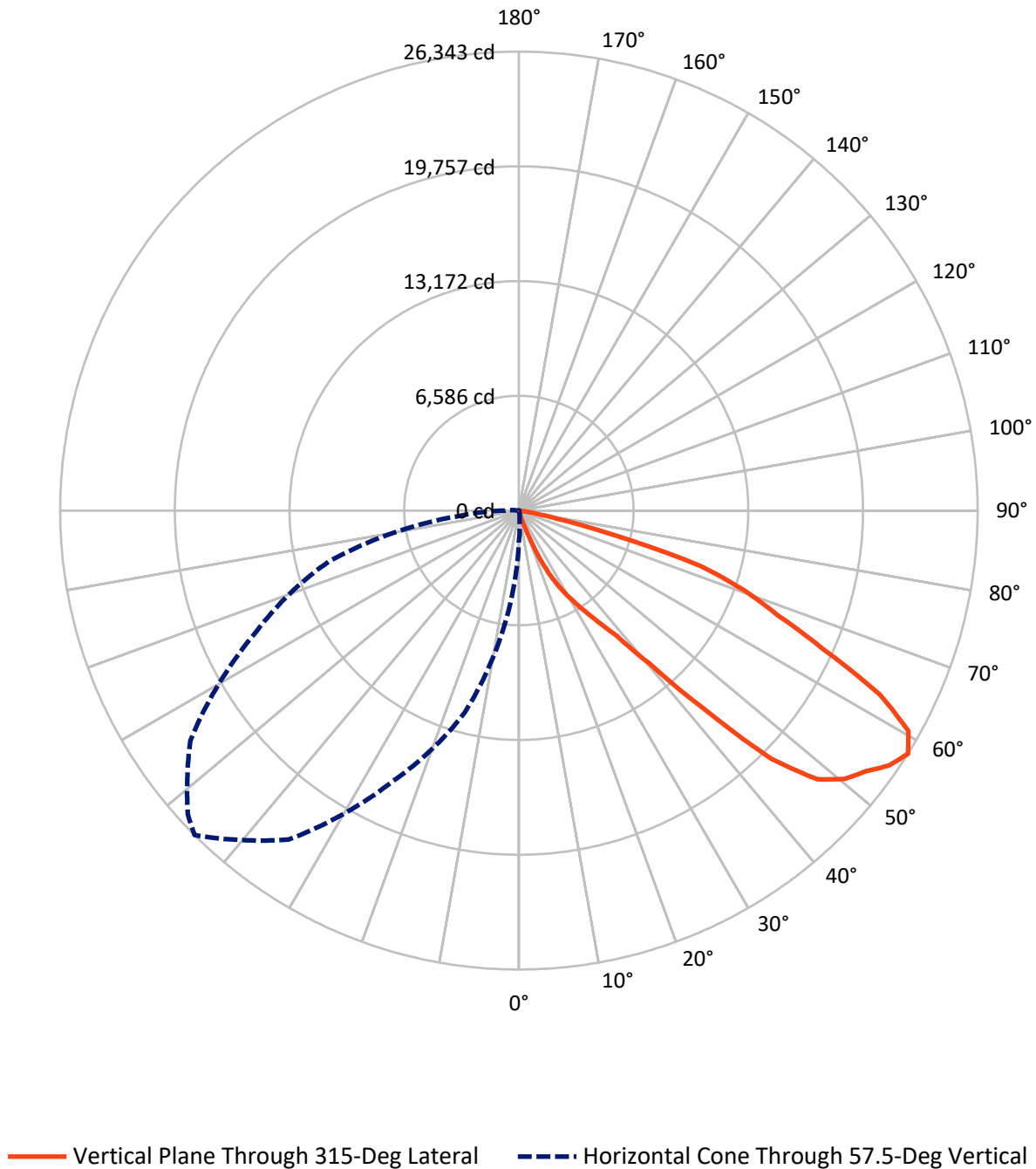
Based on 20 foot mounting height. Maximum calculated value = 1.5 fc

Type III - Short - N/A

REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-927-U-RBC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	51.4	0.0	51.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	10221.6	0.0	10221.6
	% Fixture	99.5	0.0	99.5
Total	Lumens	10273.0	0.0	10273.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.0	0.0
10°-20°	22.6	0.2
20°-30°	243.5	2.4
30°-40°	719.9	7.0
40°-50°	2145.6	20.9
50°-60°	3402.2	33.1
60°-70°	2840.0	27.6
70°-80°	875.7	8.5
80°-90°	19.5	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°	10273.0	100.0
0°-180°	10273.0	100.0



REPORT NUMBER: P1049294

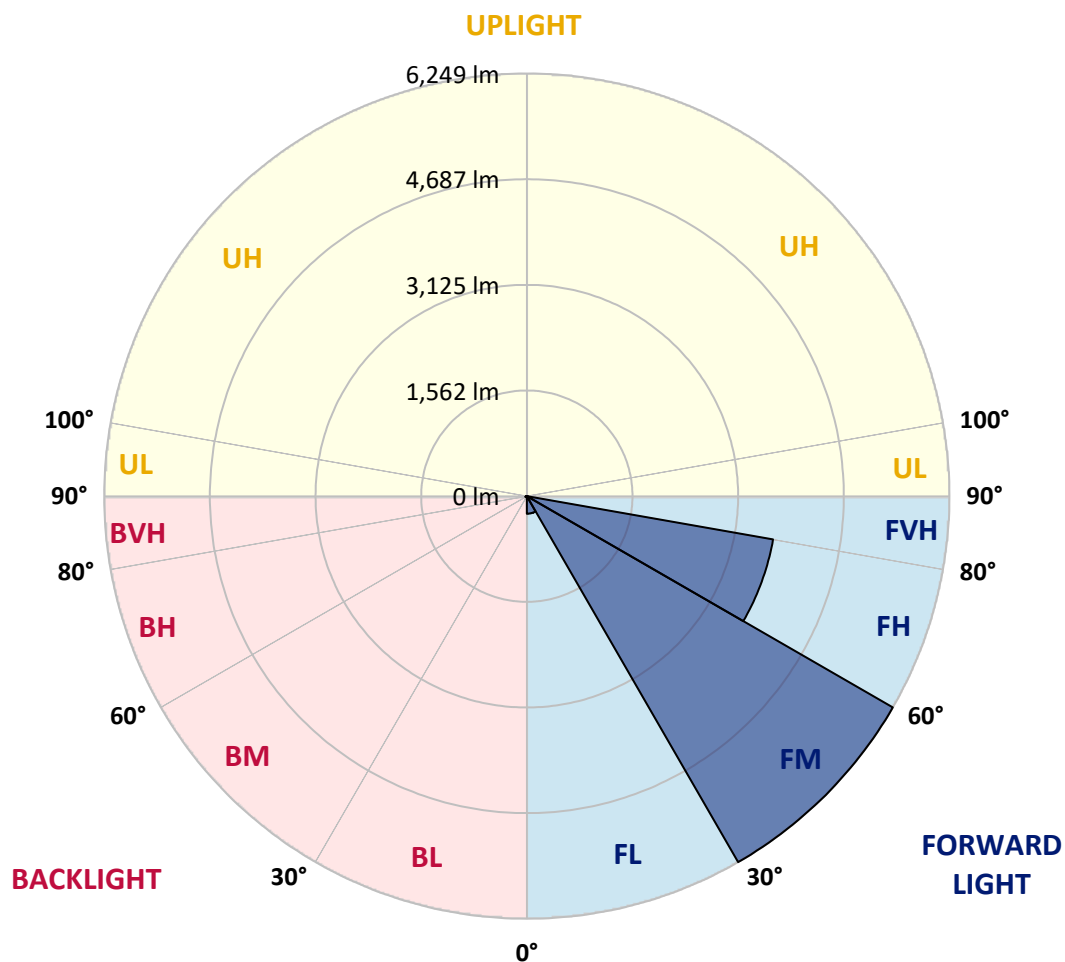
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	260.6	2.5			
FM	(30°-60°)	6249.4	60.8			
FH	(60°-80°)	3696.6	36.0			G2/5000
FVH	(80°-90°)	15.1	0.1			G1/100
BL	(0°-30°)	9.4	0.1	B0/110		
BM	(30°-60°)	18.4	0.2	B0/220		
BH	(60°-80°)	19.2	0.2	B0/110		G0/110
BVH	(80°-90°)	4.4	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
2.5°	41.1	41.1	41.1	41.1	40.4	40.4	39.6	39.6	38.8	38.8
5°	43.5	43.5	42.7	41.9	41.9	41.1	40.4	39.6	39.6	38.8
7.5°	47.4	46.6	45.8	45.0	43.5	42.7	41.1	40.4	39.6	38.0
10°	52.0	50.5	48.9	47.4	45.8	44.3	42.7	41.9	40.4	39.6
12.5°	58.2	55.9	52.8	50.5	48.9	46.6	45.0	43.5	41.1	39.6
15°	63.7	60.6	56.7	53.6	51.2	48.1	45.8	43.5	41.9	39.6
17.5°	71.4	66.0	59.8	55.9	52.8	48.9	45.0	42.7	40.4	37.3
20°	84.6	73.8	62.1	57.4	52.8	48.1	43.5	40.4	38.0	34.9
22.5°	105.6	86.9	68.3	61.3	55.1	48.1	41.9	38.8	35.7	32.6
25°	145.9	112.6	79.2	69.9	60.6	51.2	41.9	38.0	34.9	31.1
27.5°	194.1	144.4	93.9	80.7	68.3	55.1	41.9	37.3	33.4	28.7
30°	243.0	177.0	110.2	93.2	76.1	59.0	41.9	36.5	31.8	26.4
32.5°	289.6	207.3	124.2	104.0	83.8	62.9	42.7	36.5	30.3	24.1
35°	336.9	232.1	126.5	105.6	84.6	62.9	41.9	34.9	28.7	21.7
37.5°	397.5	260.1	121.9	100.9	80.7	59.8	39.6	33.4	27.2	20.2
40°	489.1	306.6	124.2	102.5	80.7	59.0	37.3	31.1	25.6	19.4
42.5°	658.3	396.7	134.3	109.5	84.6	59.0	34.2	28.7	24.1	18.6
45°	1138.1	659.1	180.1	142.8	105.6	68.3	31.1	26.4	22.5	17.9
47.5°	1882.6	1103.2	323.7	250.0	177.0	103.3	30.3	26.4	22.5	17.9
50°	2402.7	1405.1	407.6	313.6	219.7	125.8	31.8	27.2	23.3	18.6
52.5°	2398.8	1426.9	454.1	348.6	243.8	138.2	33.4	28.7	24.8	20.2
55°	2132.6	1298.0	462.7	355.6	249.2	142.1	35.7	31.1	26.4	21.7
57.5°	1782.4	1102.4	422.3	326.8	232.1	136.6	41.1	35.7	31.1	25.6
60°	1409.8	869.5	329.2	260.1	191.8	122.7	54.3	47.4	41.1	34.2
62.5°	973.5	630.4	287.2	230.6	174.7	118.0	62.1	55.1	48.9	41.9
65°	688.6	474.3	259.3	211.2	163.8	115.7	67.5	59.8	52.8	45.0
67.5°	514.7	377.3	239.1	198.0	156.8	115.7	74.5	65.2	56.7	47.4
70°	394.4	309.8	224.4	191.0	158.4	125.0	91.6	78.4	66.0	52.8
72.5°	321.4	264.7	207.3	183.2	159.1	135.1	111.0	93.9	76.9	59.0
75°	266.3	226.7	187.1	166.9	147.5	127.3	107.1	91.6	76.9	61.3
77.5°	177.0	161.5	145.2	133.5	121.9	109.5	97.8	84.6	72.2	59.0
80°	62.1	59.8	57.4	62.1	66.8	71.4	76.1	66.8	58.2	48.9
82.5°	9.3	8.5	7.8	8.5	9.3	10.1	10.9	11.6	12.4	13.2
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°	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
0.0	2.5°	38.0	38.0	37.3	37.3	37.3	36.5	36.5	35.7	35.7	35.7
0.0	5°	37.3	37.3	36.5	35.7	34.9	34.9	34.2	33.4	33.4	32.6
0.0	7.5°	36.5	35.7	34.9	34.2	33.4	32.6	31.8	31.1	31.1	30.3
0.0	10°	37.3	35.7	34.9	33.4	32.6	31.8	30.3	29.5	28.7	28.7
0.0	12.5°	35.7	34.9	33.4	31.8	31.1	29.5	28.7	27.2	26.4	26.4
0.0	15°	35.7	34.2	31.8	30.3	28.7	27.9	26.4	24.8	24.1	23.3
0.0	17.5°	33.4	31.8	29.5	27.9	26.4	24.8	23.3	21.7	21.0	20.2
0.0	20°	30.3	28.7	26.4	24.1	22.5	21.0	19.4	17.9	17.1	16.3
0.0	22.5°	27.2	25.6	23.3	21.0	19.4	17.9	15.5	14.0	13.2	11.6
0.0	25°	25.6	23.3	21.0	18.6	16.3	14.8	12.4	10.1	8.5	7.0
0.0	27.5°	21.7	19.4	17.1	14.8	12.4	10.1	7.8	5.4	3.9	3.1
0.0	30°	18.6	16.3	14.0	11.6	8.5	6.2	3.9	0.8	0.8	0.8
0.0	32.5°	15.5	13.2	10.1	7.8	6.2	3.9	2.3	0.0	0.0	0.0
0.0	35°	12.4	10.1	7.0	4.7	3.9	2.3	1.6	0.0	0.0	0.0
0.0	37.5°	10.9	8.5	5.4	2.3	1.6	1.6	0.8	0.0	0.0	0.0
0.0	40°	10.1	7.0	3.9	0.8	0.8	0.8	0.0	0.0	0.0	0.0
0.0	42.5°	10.1	7.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	10.1	7.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	10.1	7.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	10.9	7.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	12.4	9.3	6.2	3.1	2.3	1.6	0.8	0.0	0.0	0.0
0.0	55°	15.5	14.0	11.6	10.1	7.8	5.4	2.3	0.0	0.0	0.0
0.0	57.5°	20.2	20.2	19.4	18.6	14.0	9.3	4.7	0.0	0.0	0.0
0.0	60°	27.2	27.2	27.2	27.2	20.2	14.0	7.0	0.0	0.0	0.0
0.0	62.5°	33.4	31.8	29.5	27.9	21.0	14.0	7.0	0.0	0.0	0.0
0.0	65°	33.4	30.3	26.4	22.5	17.1	11.6	5.4	0.0	0.0	0.0
0.0	67.5°	31.1	24.8	17.9	11.6	8.5	6.2	3.1	0.0	0.0	0.0
	70°	31.1	21.7	12.4	3.1	2.3	1.6	0.8	0.0	0.0	0.0
	72.5°	31.1	21.0	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	34.2	23.3	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	34.2	23.3	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	30.3	20.2	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	10.1	7.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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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°	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
0.0	2.5°	34.9	34.9	34.9	34.2	34.2	34.2	34.2	33.4	33.4	33.4
0.0	5°	31.8	31.8	31.1	31.1	30.3	30.3	29.5	29.5	28.7	28.7
0.0	7.5°	29.5	28.7	28.7	27.9	27.2	27.2	26.4	26.4	25.6	24.8
0.0	10°	27.2	26.4	26.4	25.6	24.8	24.1	24.1	23.3	22.5	21.7
0.0	12.5°	24.8	24.1	23.3	22.5	21.7	21.0	21.0	20.2	19.4	18.6
0.0	15°	21.7	21.0	20.2	19.4	18.6	17.9	17.9	17.1	16.3	15.5
0.0	17.5°	18.6	17.9	17.9	17.1	16.3	15.5	14.8	13.2	12.4	11.6
0.0	20°	14.0	13.2	12.4	11.6	10.9	9.3	8.5	7.0	5.4	4.7
0.0	22.5°	9.3	7.8	7.0	5.4	3.9	3.1	2.3	0.8	0.0	0.0
0.0	25°	3.1	2.3	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-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°	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
0.0	2.5°	32.6	32.6	32.6	31.8	31.8	31.8	31.8	31.8	31.8	31.8
0.0	5°	27.9	27.9	27.9	27.2	27.2	26.4	26.4	26.4	25.6	25.6
0.0	7.5°	24.1	23.3	23.3	22.5	22.5	21.7	21.7	21.7	21.0	21.0
0.0	10°	20.2	19.4	19.4	18.6	18.6	17.9	17.9	17.1	17.1	16.3
0.0	12.5°	17.9	17.1	16.3	15.5	15.5	14.8	14.0	14.0	13.2	12.4
0.0	15°	14.0	13.2	12.4	11.6	10.9	10.1	9.3	9.3	8.5	7.8
0.0	17.5°	9.3	7.8	7.0	6.2	6.2	5.4	4.7	3.9	3.1	2.3
0.0	20°	2.3	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-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°	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
0.0	2.5°	31.8	31.1	31.1	31.1	31.8	31.8	31.8	31.8	31.8	31.8
0.0	5°	25.6	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
0.0	7.5°	21.0	20.2	20.2	20.2	20.2	19.4	19.4	19.4	19.4	19.4
0.0	10°	16.3	15.5	15.5	15.5	15.5	14.8	14.8	14.8	14.8	14.8
0.0	12.5°	11.6	11.6	10.9	10.9	10.9	10.1	10.1	10.1	10.1	9.3
0.0	15°	7.0	6.2	5.4	5.4	5.4	4.7	4.7	4.7	4.7	3.9
0.0	17.5°	1.6	1.6	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-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°	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
0.0	2.5°	32.6	32.6	33.4	33.4	34.2	35.7	36.5	37.3	38.8	40.4
0.0	5°	25.6	26.4	26.4	27.2	27.9	28.7	29.5	30.3	31.8	33.4
0.0	7.5°	20.2	20.2	21.0	21.0	21.7	23.3	24.1	24.8	26.4	28.7
0.0	10°	15.5	15.5	16.3	16.3	17.1	18.6	19.4	20.2	21.7	24.1
0.0	12.5°	10.1	10.9	10.9	11.6	12.4	14.0	14.8	15.5	17.1	18.6
0.0	15°	4.7	5.4	5.4	6.2	7.0	8.5	9.3	10.1	11.6	14.0
0.0	17.5°	0.8	0.8	1.6	1.6	2.3	3.1	3.9	4.7	7.0	8.5
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.1
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-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°	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
0.0	2.5°	42.7	44.3	45.8	47.4	48.9	50.5	51.2	52.8	53.6	54.3
0.0	5°	36.5	38.0	40.4	41.9	43.5	45.0	46.6	47.4	48.1	48.9
0.0	7.5°	31.8	33.4	35.7	37.3	38.8	40.4	41.9	43.5	44.3	45.0
0.0	10°	27.2	29.5	31.1	33.4	34.9	36.5	38.0	39.6	41.1	41.9
0.0	12.5°	21.7	24.1	26.4	27.9	30.3	32.6	34.2	35.7	37.3	38.8
0.0	15°	17.1	19.4	21.7	23.3	25.6	27.9	30.3	31.8	33.4	34.9
0.0	17.5°	12.4	14.8	17.1	18.6	21.0	23.3	24.8	27.2	28.7	30.3
0.0	20°	6.2	8.5	10.9	13.2	15.5	17.9	19.4	21.7	23.3	24.8
0.0	22.5°	0.8	3.1	5.4	7.0	9.3	11.6	13.2	15.5	17.1	18.6
0.0	25°	0.0	0.8	2.3	3.1	3.9	5.4	7.0	8.5	10.1	11.6
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.8	1.6	3.1	4.7	6.2
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.6
	85°	0.0	0.0	0.0	0.0	0.0	1.6	2.3	3.9	4.7	5.4
	87.5°	0.0	0.8	1.6	2.3	3.1	4.7	6.2	7.8	8.5	9.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
45.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.8											
3.1											
7.0											
10.1											
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REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-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°	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
0.0	2.5°	55.1	55.1	55.1	55.1	54.3	54.3	54.3	53.6	53.6	52.8
0.0	5°	50.5	51.2	51.2	51.2	51.2	51.2	51.2	51.2	50.5	50.5
0.0	7.5°	46.6	47.4	48.1	48.1	48.9	48.9	48.9	48.1	48.1	47.4
0.0	10°	44.3	45.0	45.0	45.8	45.8	45.8	45.8	45.8	45.8	45.8
0.0	12.5°	41.1	41.9	42.7	42.7	43.5	43.5	43.5	43.5	42.7	42.7
0.0	15°	37.3	38.8	39.6	40.4	40.4	41.1	41.1	41.1	41.1	41.1
0.0	17.5°	34.2	35.7	36.5	37.3	37.3	38.0	38.0	38.8	38.8	38.8
0.0	20°	27.9	29.5	30.3	31.8	32.6	33.4	34.2	34.9	34.9	35.7
0.0	22.5°	21.7	23.3	24.1	25.6	26.4	27.2	27.9	28.7	29.5	30.3
0.0	25°	15.5	17.1	17.9	19.4	20.2	21.0	21.7	22.5	22.5	23.3
0.0	27.5°	8.5	10.1	11.6	12.4	14.0	14.8	15.5	16.3	17.1	17.9
0.0	30°	3.9	4.7	5.4	7.0	7.8	8.5	9.3	10.9	11.6	12.4
0.0	32.5°	0.0	0.0	0.8	2.3	3.1	3.9	4.7	5.4	5.4	6.2
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.6	2.3	3.1
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	1.6	1.6	1.6	2.3	2.3	2.3	2.3	2.3	2.3	2.3
	82.5°	3.9	4.7	5.4	5.4	6.2	6.2	6.2	6.2	5.4	5.4
	85°	7.8	8.5	9.3	9.3	10.1	10.1	10.1	10.1	10.1	10.1
	87.5°	10.9	11.6	12.4	12.4	13.2	13.2	13.2	13.2	13.2	13.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-927-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
45.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	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											
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REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-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°	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
0.0	2.5°	52.0	52.0	51.2	51.2	51.2	51.2	51.2	52.0	52.8	52.8
0.0	5°	49.7	49.7	48.9	48.9	48.9	49.7	49.7	50.5	51.2	52.0
0.0	7.5°	47.4	46.6	46.6	47.4	47.4	48.1	48.1	48.9	49.7	50.5
0.0	10°	45.8	45.0	45.0	45.0	45.8	45.8	46.6	47.4	48.1	48.9
0.0	12.5°	42.7	42.7	42.7	42.7	43.5	43.5	44.3	45.0	46.6	47.4
0.0	15°	41.1	40.4	40.4	40.4	40.4	41.1	41.1	42.7	44.3	45.0
0.0	17.5°	38.0	38.0	37.3	37.3	38.0	38.0	38.8	40.4	41.9	42.7
0.0	20°	34.9	34.2	33.4	33.4	34.2	34.2	34.9	36.5	38.0	38.8
0.0	22.5°	30.3	29.5	29.5	29.5	29.5	30.3	30.3	31.8	34.2	35.7
0.0	25°	24.1	24.8	24.8	25.6	25.6	26.4	27.2	28.7	31.1	32.6
0.0	27.5°	18.6	19.4	19.4	21.0	21.7	22.5	23.3	25.6	27.9	29.5
0.0	30°	14.0	14.8	15.5	16.3	17.9	19.4	21.0	23.3	25.6	27.2
0.0	32.5°	8.5	10.1	10.9	12.4	14.0	15.5	17.1	19.4	22.5	24.8
0.0	35°	6.2	7.0	8.5	9.3	10.9	12.4	14.0	17.1	19.4	22.5
0.0	37.5°	3.1	4.7	6.2	7.8	9.3	10.9	12.4	15.5	18.6	21.0
0.0	40°	2.3	3.9	4.7	6.2	8.5	10.1	11.6	14.8	17.9	21.0
0.0	42.5°	1.6	2.3	3.1	5.4	7.0	9.3	11.6	14.8	17.9	21.0
0.0	45°	1.6	1.6	2.3	4.7	7.0	10.1	12.4	15.5	17.9	21.0
0.0	47.5°	1.6	2.3	3.1	6.2	7.8	10.1	12.4	14.8	17.9	20.2
0.0	50°	2.3	3.1	3.9	7.0	8.5	10.9	12.4	15.5	17.9	21.0
0.0	52.5°	1.6	2.3	3.1	6.2	8.5	11.6	14.0	17.1	20.2	22.5
0.0	55°	0.8	0.8	0.8	4.7	9.3	13.2	17.9	20.2	23.3	25.6
0.0	57.5°	0.0	0.0	0.0	3.1	9.3	14.8	20.2	23.3	26.4	28.7
0.0	60°	0.0	0.0	0.0	3.1	9.3	14.8	20.2	24.1	27.9	31.8
0.0	62.5°	0.0	0.0	0.0	3.1	7.8	12.4	17.1	23.3	30.3	36.5
0.0	65°	0.0	0.0	0.0	2.3	6.2	10.1	14.0	23.3	32.6	41.1
0.0	67.5°	0.0	0.0	0.0	2.3	6.2	9.3	13.2	23.3	32.6	42.7
	70°	0.0	0.0	0.0	2.3	6.2	10.1	14.0	23.3	32.6	41.9
	72.5°	0.0	0.0	0.0	2.3	7.0	10.9	15.5	23.3	31.1	38.8
	75°	0.0	0.0	0.0	3.1	7.0	11.6	16.3	23.3	30.3	36.5
	77.5°	0.0	0.0	0.0	2.3	7.0	10.9	15.5	22.5	29.5	35.7
	80°	2.3	1.6	1.6	3.9	7.0	10.1	13.2	20.2	27.9	34.9
	82.5°	4.7	4.7	3.9	5.4	7.0	9.3	11.6	17.9	24.8	31.1
	85°	9.3	9.3	8.5	9.3	9.3	10.1	10.9	14.0	17.1	20.2
	87.5°	12.4	12.4	11.6	11.6	11.6	10.9	10.9	10.9	10.9	10.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-927-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
45.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.2											
46.6											
43.5											
42.7											
41.9											
37.3											
23.3											
10.1											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-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°	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
0.0	2.5°	54.3	55.1	55.1	55.9	56.7	57.4	57.4	58.2	58.2	58.2
0.0	5°	53.6	55.1	55.9	56.7	57.4	58.2	59.0	59.8	60.6	60.6
0.0	7.5°	52.8	53.6	55.1	55.9	57.4	58.2	59.8	60.6	61.3	62.1
0.0	10°	51.2	52.8	54.3	55.9	57.4	59.0	60.6	62.1	63.7	64.4
0.0	12.5°	49.7	52.0	53.6	55.1	57.4	59.8	61.3	63.7	65.2	66.8
0.0	15°	48.9	50.5	52.8	54.3	57.4	60.6	62.9	66.0	69.1	71.4
0.0	17.5°	46.6	49.7	52.0	54.3	57.4	61.3	64.4	67.5	72.2	76.9
0.0	20°	43.5	45.8	48.9	51.2	55.9	59.8	64.4	68.3	75.3	82.3
0.0	22.5°	40.4	43.5	45.8	48.9	54.3	59.0	64.4	69.1	80.7	91.6
0.0	25°	37.3	41.1	44.3	47.4	53.6	59.8	66.0	72.2	91.6	111.0
0.0	27.5°	35.7	38.8	42.7	45.8	53.6	62.1	69.9	77.6	108.7	139.0
0.0	30°	33.4	37.3	40.4	44.3	54.3	64.4	74.5	84.6	132.0	179.3
0.0	32.5°	31.1	34.9	38.8	42.7	55.9	69.1	81.5	94.7	156.8	218.1
0.0	35°	28.7	33.4	37.3	41.1	58.2	76.1	93.2	110.2	179.3	247.6
0.0	37.5°	27.9	32.6	36.5	40.4	59.0	76.9	95.5	113.3	181.7	250.0
0.0	40°	28.7	32.6	37.3	41.1	56.7	72.2	86.9	102.5	173.9	244.5
0.0	42.5°	28.7	33.4	38.0	42.7	55.1	67.5	80.0	92.4	171.6	250.8
0.0	45°	27.9	32.6	37.3	41.9	53.6	64.4	76.1	86.9	185.5	283.4
0.0	47.5°	27.2	31.8	36.5	41.1	52.8	64.4	76.1	87.7	239.9	391.3
0.0	50°	27.2	31.8	35.7	39.6	53.6	68.3	82.3	96.3	349.3	601.7
0.0	52.5°	28.7	32.6	35.7	38.8	55.1	72.2	88.5	104.8	444.1	782.5
0.0	55°	31.1	33.4	36.5	38.8	59.0	78.4	98.6	118.0	472.8	827.6
0.0	57.5°	34.2	36.5	38.8	41.1	66.0	90.8	114.9	139.7	475.1	809.7
0.0	60°	38.0	41.1	43.5	45.8	72.2	99.4	125.8	152.2	430.1	707.2
0.0	62.5°	46.6	50.5	53.6	57.4	83.1	107.9	133.5	158.4	357.1	555.8
0.0	65°	53.6	56.7	59.8	62.9	87.7	113.3	138.2	163.0	302.8	442.5
0.0	67.5°	55.1	58.2	60.6	63.7	89.3	114.9	139.7	165.4	259.3	352.5
	70°	55.9	59.8	64.4	68.3	94.7	121.1	146.7	173.1	229.8	286.5
	72.5°	53.6	61.3	68.3	75.3	100.1	124.2	149.1	173.1	213.5	253.9
	75°	53.6	64.4	74.5	84.6	103.3	121.1	139.7	157.6	188.6	219.7
	77.5°	56.7	70.6	84.6	98.6	109.5	119.6	130.4	140.5	160.7	180.9
	80°	56.7	71.4	85.4	100.1	104.8	110.2	114.9	119.6	121.9	124.2
	82.5°	48.9	60.6	72.2	83.8	78.4	73.0	67.5	62.1	58.2	53.6
	85°	24.8	27.2	28.7	30.3	27.9	25.6	23.3	21.0	19.4	17.1
	87.5°	10.1	10.1	9.3	9.3	9.3	9.3	8.5	8.5	8.5	8.5
	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: P1049294

CATALOG NUMBER: GALN-SA4B-927-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
45.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
229.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
311.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
388.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
441.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
481.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
520.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
598.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
753.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1149.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1759.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2215.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2266.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2044.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1748.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1366.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1032.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
762.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
539.5											
401.4											
291.9											
219.7											
123.4											
55.9											
16.3											
7.8											
0.0											
0.0											
0.0											
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0.0											



REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-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°	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
0.0	2.5°	58.2	57.4	57.4	56.7	55.9	55.1	54.3	53.6	52.8	52.0
0.0	5°	60.6	60.6	60.6	59.8	59.8	59.0	59.0	58.2	57.4	56.7
0.0	7.5°	62.9	63.7	63.7	64.4	64.4	64.4	64.4	63.7	63.7	63.7
0.0	10°	66.8	67.5	68.3	69.1	69.9	70.6	70.6	71.4	71.4	71.4
0.0	12.5°	71.4	73.8	75.3	77.6	79.2	81.5	83.1	85.4	86.9	88.5
0.0	15°	78.4	82.3	86.9	90.8	94.7	100.1	106.4	111.8	117.2	125.8
0.0	17.5°	88.5	100.9	113.3	125.0	137.4	164.6	191.8	218.1	245.3	284.9
0.0	20°	107.9	145.2	181.7	218.9	255.4	350.9	445.6	541.1	635.8	737.5
0.0	22.5°	151.4	243.0	334.6	426.2	517.8	717.3	916.1	1115.6	1314.3	1548.0
0.0	25°	219.7	388.2	556.6	724.3	892.8	1204.9	1517.7	1829.8	2141.9	2445.4
0.0	27.5°	319.8	577.6	835.3	1092.3	1350.0	1773.1	2197.0	2620.1	3043.2	3386.3
0.0	30°	443.3	792.6	1142.0	1491.3	1840.7	2322.0	2803.3	3283.8	3765.2	4140.1
0.0	32.5°	559.7	987.5	1415.2	1842.2	2270.0	2818.1	3366.9	3915.0	4463.1	4873.0
0.0	35°	635.8	1152.8	1670.6	2187.7	2704.7	3297.8	3890.9	4483.3	5076.4	5544.5
0.0	37.5°	711.9	1308.9	1905.1	2502.1	3098.3	3749.6	4401.0	5052.3	5703.6	6282.0
0.0	40°	797.3	1497.5	2197.0	2897.2	3596.7	4368.4	5139.3	5910.9	6681.8	7497.7
0.0	42.5°	945.6	1810.4	2676.0	3540.8	4405.6	5426.5	6447.4	7467.4	8488.3	9652.8
0.0	45°	1224.3	2443.1	3662.7	4881.5	6100.3	7452.7	8805.8	10158.2	11510.5	13060.1
0.0	47.5°	1906.6	3583.5	5259.6	6936.4	8612.5	10072.8	11532.3	12992.5	14452.0	15995.4
0.0	50°	2917.4	4869.1	6820.8	8771.7	10723.3	12044.6	13365.2	14686.5	16007.0	17475.0
0.0	52.5°	3648.7	5681.9	7715.9	9749.1	11782.3	12974.7	14167.9	15360.3	16552.8	17924.5
0.0	55°	3703.8	5725.4	7747.7	9769.2	11790.8	12988.7	14186.5	15384.4	16582.3	18036.3
0.0	57.5°	3279.2	5284.4	7288.9	9294.1	11298.6	12662.6	14025.8	15389.8	16753.0	18325.1
0.0	60°	2789.3	4795.3	6800.6	8806.6	10811.8	12383.1	13955.2	15526.5	17097.7	18570.4
0.0	62.5°	2176.0	4239.5	6303.7	8367.2	10430.7	12026.0	13621.4	15215.9	16811.3	17916.0
0.0	65°	1621.7	3625.4	5629.1	7632.0	9635.7	10913.5	12191.4	13468.4	14746.3	15430.2
0.0	67.5°	1172.2	2900.3	4627.7	6355.8	8083.1	8997.6	9912.1	10825.8	11740.3	12263.6
	70°	792.6	1989.7	3186.0	4383.1	5579.4	6330.9	7083.2	7834.7	8586.1	9292.6
	72.5°	548.9	1221.2	1894.2	2566.5	3238.8	3995.0	4750.3	5506.5	6261.8	7009.4
	75°	364.1	670.0	976.6	1282.5	1588.4	2148.1	2708.6	3268.3	3828.0	4273.7
	77.5°	258.5	350.1	442.5	534.1	625.7	730.5	836.1	940.9	1045.7	1204.9
	80°	122.7	134.3	145.9	156.8	168.5	206.5	244.5	282.6	320.6	361.0
	82.5°	58.2	62.9	67.5	71.4	76.1	80.0	83.8	87.7	91.6	87.7
	85°	15.5	15.5	16.3	16.3	16.3	16.3	16.3	16.3	16.3	15.5
	87.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.2	6.2	5.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-927-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
45.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
323.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
840.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1781.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2749.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3729.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4515.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5283.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6012.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6861.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8313.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10817.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14609.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17538.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18943.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19296.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19491.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19897.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20042.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19021.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16114.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12787.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9998.3											
7757.0											
4719.3											
1364.0											
401.4											
83.1											
14.8											
5.4											
0.0											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-927-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
0.0	2.5°	50.5	49.7	48.9	48.1	47.4	45.8	45.8	45.0	45.0
0.0	5°	55.1	54.3	53.6	52.8	52.8	52.0	51.2	51.2	50.5
0.0	7.5°	62.9	62.1	61.3	60.6	60.6	59.8	59.8	59.0	59.0
0.0	10°	72.2	72.2	72.2	72.2	72.2	71.4	71.4	71.4	70.6
0.0	12.5°	90.8	91.6	93.2	94.7	97.0	97.0	97.0	96.3	96.3
0.0	15°	143.6	152.2	158.4	164.6	170.0	182.4	180.9	178.6	177.0
0.0	17.5°	363.3	402.1	423.1	443.3	464.2	521.7	512.4	503.1	494.5
0.0	20°	941.7	1043.4	1110.9	1178.5	1246.8	1354.7	1328.3	1301.9	1275.5
0.0	22.5°	2014.6	2248.2	2349.9	2451.6	2552.5	2683.0	2598.4	2513.7	2429.9
0.0	25°	3051.7	3355.3	3526.8	3698.4	3869.2	3943.7	3833.5	3722.5	3612.2
0.0	27.5°	4072.6	4415.7	4567.1	4717.7	4869.1	5025.1	4888.5	4751.1	4614.5
0.0	30°	4890.8	5265.8	5429.6	5592.6	5756.4	5865.1	5723.8	5581.8	5440.5
0.0	32.5°	5693.6	6103.5	6282.8	6462.1	6640.7	6796.7	6622.8	6448.1	6274.2
0.0	35°	6480.0	6948.1	7195.0	7441.8	7688.7	7833.9	7627.4	7420.1	7213.6
0.0	37.5°	7439.5	8017.9	8294.2	8570.6	8847.0	9111.7	8884.2	8656.0	8428.5
0.0	40°	9129.6	9945.5	10369.3	10794.0	11217.9	11559.4	11272.2	10985.0	10697.7
0.0	42.5°	11981.8	13146.3	13755.7	14364.3	14973.7	15507.0	15205.1	14903.1	14601.1
0.0	45°	16159.2	17708.7	18451.6	19193.8	19936.7	20326.5	19891.7	19456.2	19021.5
0.0	47.5°	19081.2	20624.6	21286.0	21947.4	22608.9	23053.7	22521.9	21990.1	21459.1
0.0	50°	20410.3	21878.3	22542.1	23205.1	23868.8	24222.1	23608.0	22993.1	22379.1
0.0	52.5°	20667.3	22039.0	22830.9	23623.5	24415.4	24887.4	24162.3	23436.4	22711.3
0.0	55°	20945.2	22399.2	23317.6	24236.8	25155.2	25808.9	24989.1	24168.5	23348.7
0.0	57.5°	21468.4	23040.5	23956.5	24871.8	25787.9	26343.0	25520.8	24697.9	23875.8
0.0	60°	21515.0	22986.9	23774.1	24562.1	25349.3	25698.6	24912.2	24125.0	23338.6
0.0	62.5°	20126.2	21230.9	21777.4	22323.9	22870.5	23250.1	22429.5	21608.2	20787.6
0.0	65°	16798.9	17482.8	17918.3	18353.8	18789.3	19241.9	18490.5	17739.0	16987.5
0.0	67.5°	13310.8	13834.1	14407.8	14981.5	15555.2	16038.8	15437.2	14834.8	14233.1
	70°	10704.7	11410.4	12055.5	12700.6	13345.8	13741.7	13137.7	12533.0	11929.0
	72.5°	8504.6	9252.2	9791.0	10329.0	10867.7	10964.8	10520.7	10076.7	9633.4
	75°	5164.1	5609.7	5620.6	5630.7	5641.5	5733.9	5365.9	4998.0	4630.8
	77.5°	1523.1	1682.3	1813.5	1943.9	2075.1	2233.5	2098.4	1962.5	1827.5
	80°	441.0	481.3	515.5	548.9	583.0	562.8	531.0	499.2	467.3
	82.5°	79.2	74.5	73.8	73.0	73.0	69.1	62.9	56.7	50.5
	85°	14.0	13.2	12.4	11.6	10.9	10.1	8.5	7.8	6.2
	87.5°	4.7	3.9	3.1	2.3	2.3	0.8	0.8	0.8	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-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°	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
0.0	0.0	2.5°	44.3	43.5	43.5	43.5	43.5	42.7	42.7	42.7	42.7
0.0	0.0	5°	48.9	48.9	48.1	48.1	47.4	47.4	46.6	46.6	45.8
0.0	0.0	7.5°	57.4	56.7	55.9	55.1	54.3	52.8	52.0	51.2	51.2
0.0	0.0	10°	69.1	67.5	66.8	65.2	64.4	62.9	61.3	59.8	58.2
0.0	0.0	12.5°	90.8	87.7	85.4	82.3	79.2	76.9	73.8	71.4	68.3
0.0	0.0	15°	157.6	149.8	141.3	131.2	120.3	110.2	99.4	93.2	86.2
0.0	0.0	17.5°	402.9	362.5	321.4	288.0	254.6	222.0	188.6	164.6	140.5
0.0	0.0	20°	1025.5	913.7	801.9	691.7	580.7	470.5	359.4	303.5	247.6
0.0	0.0	22.5°	1929.9	1722.7	1514.6	1313.5	1111.7	910.6	709.6	583.0	457.3
0.0	0.0	25°	2978.8	2717.9	2457.1	2126.3	1794.9	1464.1	1133.4	927.7	722.0
0.0	0.0	27.5°	3876.2	3575.7	3275.3	2873.2	2471.0	2068.9	1666.8	1360.1	1054.2
0.0	0.0	30°	4653.3	4330.3	4007.4	3539.3	3071.1	2603.0	2134.9	1751.4	1367.9
0.0	0.0	32.5°	5327.1	4940.5	4553.9	4071.0	3588.2	3105.3	2622.4	2152.0	1681.5
0.0	0.0	35°	6104.2	5653.2	5201.4	4665.7	4129.3	3593.6	3057.9	2526.9	1995.1
0.0	0.0	37.5°	7091.7	6538.2	5983.9	5386.9	4789.9	4193.7	3596.7	2989.6	2382.5
0.0	0.0	40°	8982.1	8267.8	7553.6	6795.2	6035.9	5277.4	4519.0	3773.7	3028.4
0.0	0.0	42.5°	12369.2	11404.2	10439.2	9430.0	8420.0	7410.8	6400.8	5349.6	4297.7
0.0	0.0	45°	16191.8	14994.7	13796.8	12664.2	11530.7	10398.1	9265.4	8230.0	6380.6
0.0	0.0	47.5°	18341.4	17048.8	15756.2	14684.1	13612.0	12539.9	11467.8	9912.9	8357.9
0.0	0.0	50°	19132.5	17816.6	16500.7	15514.0	14526.6	13539.8	12552.4	10995.1	9437.0
0.0	0.0	52.5°	19300.9	17958.7	16616.4	15623.5	14630.6	13638.4	12645.5	11098.3	9551.1
0.0	0.0	55°	19647.2	18207.1	16766.2	15634.4	14502.5	13370.6	12238.7	10666.7	9094.6
0.0	0.0	57.5°	20099.8	18623.2	17146.6	15857.2	14567.7	13279.0	11989.5	10270.8	8552.0
0.0	0.0	60°	19981.0	18696.2	17410.6	16029.5	14647.7	13266.6	11884.7	9994.4	8103.3
0.0	0.0	62.5°	17919.1	16895.9	15871.9	14736.2	13599.6	12463.9	11328.1	9381.9	7435.6
0.0	0.0	65°	14741.6	13994.8	13248.0	12334.2	11419.7	10506.0	9592.2	7847.1	6102.7
0.0	0.0	67.5°	11947.6	11106.1	10263.8	9535.6	8806.6	8078.4	7349.4	5976.1	4602.8
		70°	9492.1	8576.8	7660.8	6949.6	6237.8	5526.6	4815.5	3902.6	2990.4
		72.5°	7538.1	6712.9	5887.6	5129.2	4369.9	3611.5	2852.2	2312.7	1773.1
		75°	3602.9	3273.0	2943.0	2546.3	2149.6	1752.9	1356.2	1121.0	886.6
		77.5°	1335.3	1157.5	978.9	817.5	656.0	495.3	333.8	305.9	277.9
		80°	345.5	301.2	256.2	224.4	191.8	159.9	128.1	115.7	104.0
		82.5°	39.6	36.5	34.2	32.6	30.3	28.7	26.4	24.1	21.7
		85°	2.3	1.6	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: P1049294
CATALOG NUMBER: GALN-SA4B-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049294

CATALOG NUMBER: GALN-SA4B-927-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	45.0	45.0
0.0	0.0	2.5°	41.9	41.1
0.0	0.0	5°	44.3	43.5
0.0	0.0	7.5°	48.9	47.4
0.0	0.0	10°	53.6	52.0
0.0	0.0	12.5°	60.6	58.2
0.0	0.0	15°	68.3	63.7
0.0	0.0	17.5°	81.5	71.4
0.0	0.0	20°	110.2	84.6
0.0	0.0	22.5°	155.3	105.6
0.0	0.0	25°	228.2	145.9
0.0	0.0	27.5°	317.5	194.1
0.0	0.0	30°	422.3	243.0
0.0	0.0	32.5°	514.7	289.6
0.0	0.0	35°	635.0	336.9
0.0	0.0	37.5°	783.3	397.5
0.0	0.0	40°	1013.1	489.1
0.0	0.0	42.5°	1426.9	658.3
0.0	0.0	45°	2317.3	1138.1
0.0	0.0	47.5°	3565.7	1882.6
0.0	0.0	50°	4362.2	2402.7
0.0	0.0	52.5°	4427.4	2398.8
0.0	0.0	55°	4041.5	2132.6
0.0	0.0	57.5°	3448.4	1782.4
0.0	0.0	60°	2866.2	1409.8
0.0	0.0	62.5°	2258.3	973.5
0.0	0.0	65°	1650.5	688.6
0.0	0.0	67.5°	1185.4	514.7
		70°	779.4	394.4
		72.5°	507.7	321.4
		75°	341.6	266.3
		77.5°	199.5	177.0
		80°	70.6	62.1
		82.5°	13.2	9.3
		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: P1049294

CATALOG NUMBER: GALN-SA4B-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

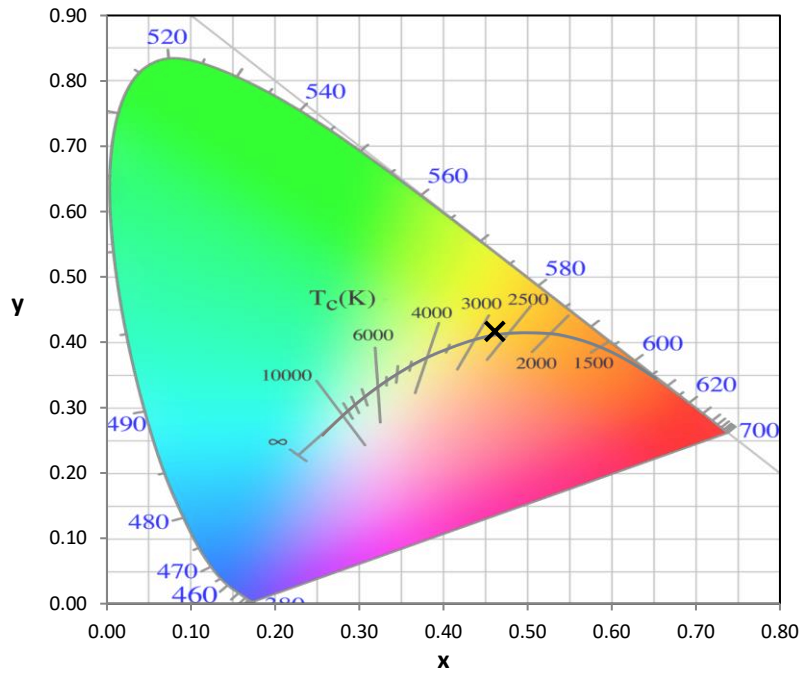
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

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

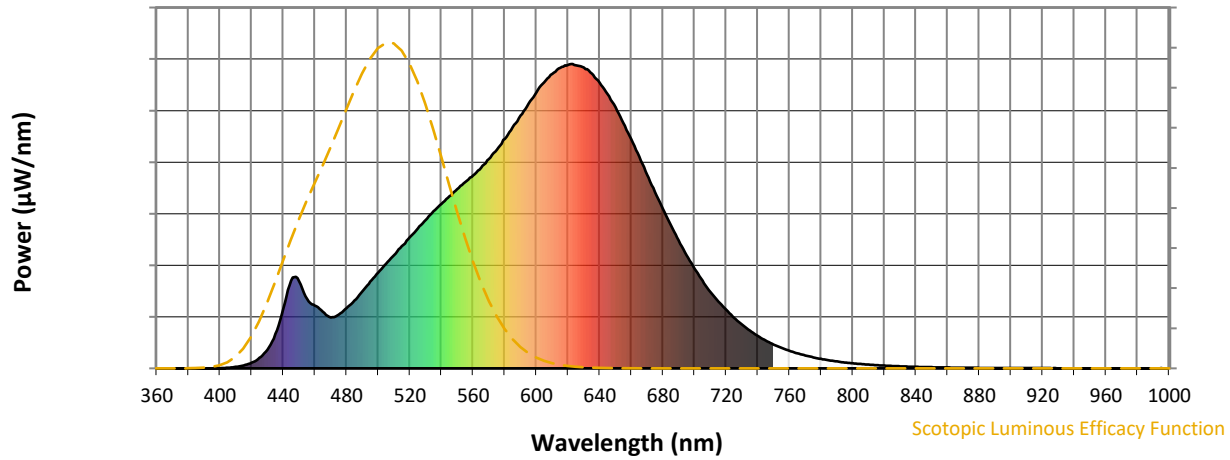


Photopic Lumens: NR

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



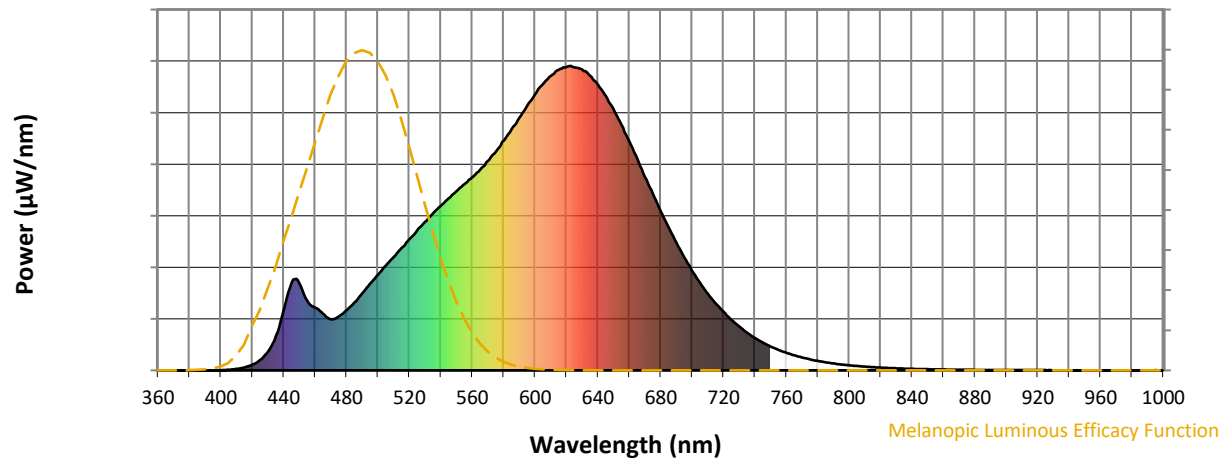
Scotopic Lumens: NR

S/P: 1.27

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.38

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

REPORT NUMBER: SP1-2407-184-13

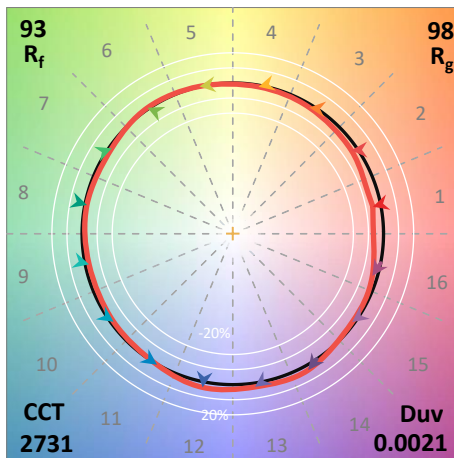
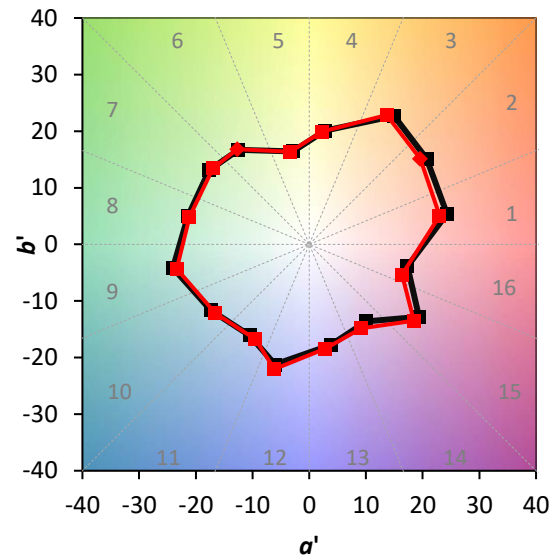
TM-30-18

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)