

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: P1049311

Luminaire Tested: **GALN-SA8C-927-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049311
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8C-927-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE
90CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

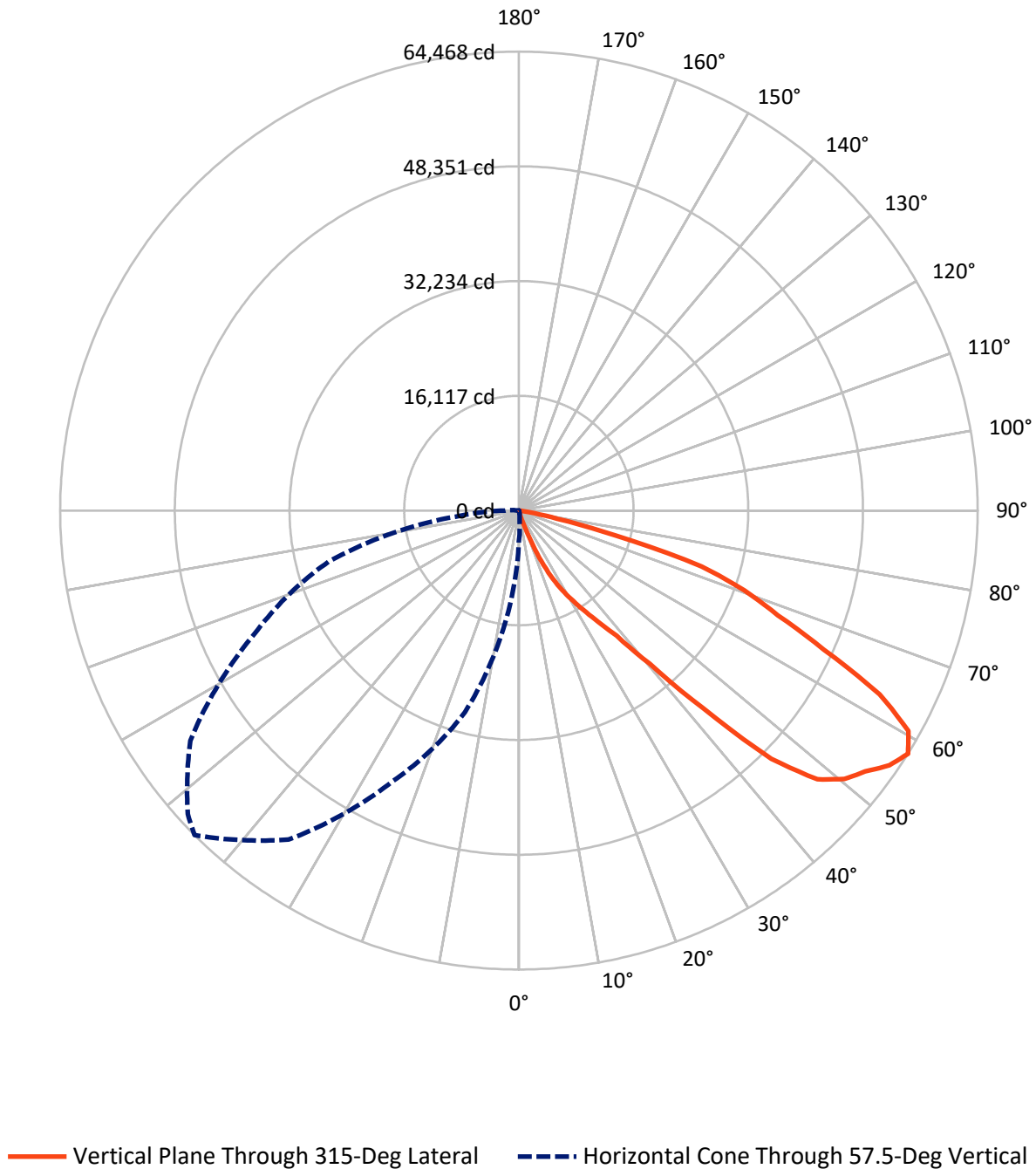
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25140.9 lumens
Efficiency: N/A
Efficacy: 67.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 372.9
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

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	125.9	0.0	125.9
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	25015.0	0.0	25015.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	25140.9	0.0	25140.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.9	0.0
10°-20°	55.2	0.2
20°-30°	595.8	2.4
30°-40°	1761.9	7.0
40°-50°	5250.9	20.9
50°-60°	8326.1	33.1
60°-70°	6950.3	27.6
70°-80°	2143.2	8.5
80°-90°	47.7	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°	25140.9	100.0
0°-180°	25140.9	100.0



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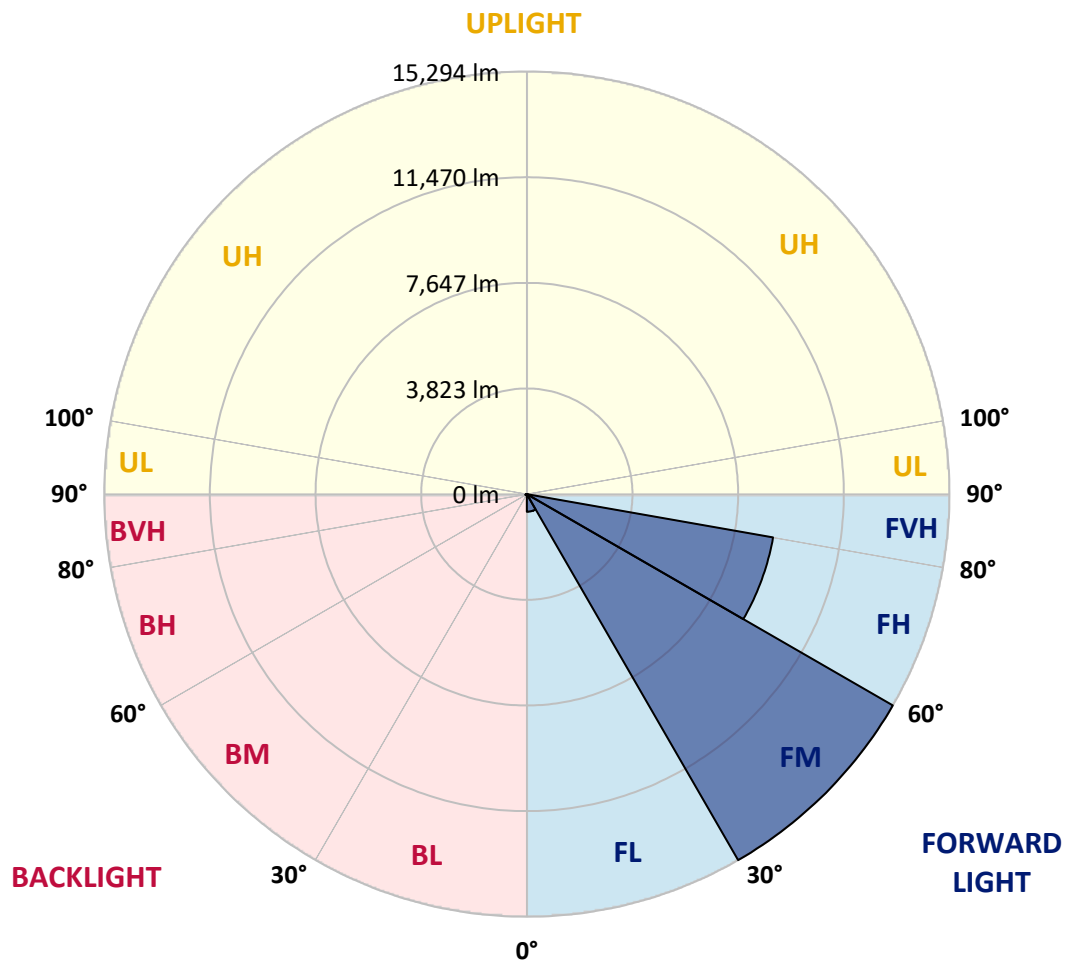
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	637.8	2.5			
FM	(30°-60°)	15293.9	60.8			
FH	(60°-80°)	9046.5	36.0			G4/12000
FVH	(80°-90°)	36.8	0.1			G1/100
BL	(0°-30°)	23.1	0.1	B0/110		
BM	(30°-60°)	45.0	0.2	B0/220		
BH	(60°-80°)	47.0	0.2	B0/110		G0/110
BVH	(80°-90°)	10.8	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

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°	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2
2.5°	100.7	100.7	100.7	100.7	98.8	98.8	96.9	96.9	95.0	95.0
5°	106.4	106.4	104.5	102.6	102.6	100.7	98.8	96.9	96.9	95.0
7.5°	115.9	114.0	112.1	110.2	106.4	104.5	100.7	98.8	96.9	93.1
10°	127.3	123.5	119.7	115.9	112.1	108.3	104.5	102.6	98.8	96.9
12.5°	142.5	136.8	129.2	123.5	119.7	114.0	110.2	106.4	100.7	96.9
15°	155.8	148.2	138.7	131.1	125.4	117.8	112.1	106.4	102.6	96.9
17.5°	174.8	161.5	146.3	136.8	129.2	119.7	110.2	104.5	98.8	91.2
20°	207.1	180.5	152.0	140.6	129.2	117.8	106.4	98.8	93.1	85.5
22.5°	258.4	212.8	167.2	150.1	134.9	117.8	102.6	95.0	87.4	79.8
25°	357.2	275.5	193.8	171.0	148.2	125.4	102.6	93.1	85.5	76.0
27.5°	475.0	353.4	229.9	197.6	167.2	134.9	102.6	91.2	81.7	70.3
30°	594.7	433.2	269.8	228.0	186.2	144.4	102.6	89.3	77.9	64.6
32.5°	708.7	507.3	304.0	254.6	205.2	153.9	104.5	89.3	74.1	58.9
35°	824.5	568.1	309.7	258.4	207.1	153.9	102.6	85.5	70.3	53.2
37.5°	972.7	636.5	298.3	247.0	197.6	146.3	96.9	81.7	66.5	49.4
40°	1196.9	750.5	304.0	250.8	197.6	144.4	91.2	76.0	62.7	47.5
42.5°	1611.1	970.8	328.7	267.9	207.1	144.4	83.6	70.3	58.9	45.6
45°	2785.2	1613.0	440.8	349.6	258.4	167.2	76.0	64.6	55.1	43.7
47.5°	4607.2	2699.7	792.2	611.8	433.2	252.7	74.1	64.6	55.1	43.7
50°	5880.1	3438.8	997.4	767.5	537.7	307.8	77.9	66.5	57.0	45.6
52.5°	5870.6	3492.0	1111.4	853.0	596.6	338.2	81.7	70.3	60.8	49.4
55°	5219.0	3176.6	1132.3	870.1	609.9	347.7	87.4	76.0	64.6	53.2
57.5°	4362.1	2697.8	1033.5	799.8	568.1	334.4	100.7	87.4	76.0	62.7
60°	3450.2	2127.9	805.5	636.5	469.3	300.2	133.0	115.9	100.7	83.6
62.5°	2382.4	1542.7	703.0	564.3	427.5	288.8	152.0	134.9	119.7	102.6
65°	1685.2	1160.8	634.6	516.8	400.9	283.1	165.3	146.3	129.2	110.2
67.5°	1259.6	923.3	585.2	484.5	383.8	283.1	182.4	159.6	138.7	115.9
70°	965.1	758.0	549.1	467.4	387.6	305.9	224.2	191.9	161.5	129.2
72.5°	786.5	647.9	507.3	448.4	389.5	330.6	271.7	229.9	188.1	144.4
75°	651.7	554.8	457.9	408.5	361.0	311.6	262.2	224.2	188.1	150.1
77.5°	433.2	395.2	355.3	326.8	298.3	267.9	239.4	207.1	176.7	144.4
80°	152.0	146.3	140.6	152.0	163.4	174.8	186.2	163.4	142.5	119.7
82.5°	22.8	20.9	19.0	20.9	22.8	24.7	26.6	28.5	30.4	32.3
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]



REPORT NUMBER: P1049311

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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°	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2
0.0	2.5°	93.1	93.1	91.2	91.2	91.2	89.3	89.3	87.4	87.4	87.4
0.0	5°	91.2	91.2	89.3	87.4	85.5	85.5	83.6	81.7	81.7	79.8
0.0	7.5°	89.3	87.4	85.5	83.6	81.7	79.8	77.9	76.0	76.0	74.1
0.0	10°	91.2	87.4	85.5	81.7	79.8	77.9	74.1	72.2	70.3	70.3
0.0	12.5°	87.4	85.5	81.7	77.9	76.0	72.2	70.3	66.5	64.6	64.6
0.0	15°	87.4	83.6	77.9	74.1	70.3	68.4	64.6	60.8	58.9	57.0
0.0	17.5°	81.7	77.9	72.2	68.4	64.6	60.8	57.0	53.2	51.3	49.4
0.0	20°	74.1	70.3	64.6	58.9	55.1	51.3	47.5	43.7	41.8	39.9
0.0	22.5°	66.5	62.7	57.0	51.3	47.5	43.7	38.0	34.2	32.3	28.5
0.0	25°	62.7	57.0	51.3	45.6	39.9	36.1	30.4	24.7	20.9	17.1
0.0	27.5°	53.2	47.5	41.8	36.1	30.4	24.7	19.0	13.3	9.5	7.6
0.0	30°	45.6	39.9	34.2	28.5	20.9	15.2	9.5	1.9	1.9	1.9
0.0	32.5°	38.0	32.3	24.7	19.0	15.2	9.5	5.7	0.0	0.0	0.0
0.0	35°	30.4	24.7	17.1	11.4	9.5	5.7	3.8	0.0	0.0	0.0
0.0	37.5°	26.6	20.9	13.3	5.7	3.8	3.8	1.9	0.0	0.0	0.0
0.0	40°	24.7	17.1	9.5	1.9	1.9	1.9	0.0	0.0	0.0	0.0
0.0	42.5°	24.7	17.1	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	24.7	17.1	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	24.7	17.1	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	26.6	19.0	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	30.4	22.8	15.2	7.6	5.7	3.8	1.9	0.0	0.0	0.0
0.0	55°	38.0	34.2	28.5	24.7	19.0	13.3	5.7	0.0	0.0	0.0
0.0	57.5°	49.4	49.4	47.5	45.6	34.2	22.8	11.4	0.0	0.0	0.0
0.0	60°	66.5	66.5	66.5	66.5	49.4	34.2	17.1	0.0	0.0	0.0
0.0	62.5°	81.7	77.9	72.2	68.4	51.3	34.2	17.1	0.0	0.0	0.0
0.0	65°	81.7	74.1	64.6	55.1	41.8	28.5	13.3	0.0	0.0	0.0
0.0	67.5°	76.0	60.8	43.7	28.5	20.9	15.2	7.6	0.0	0.0	0.0
	70°	76.0	53.2	30.4	7.6	5.7	3.8	1.9	0.0	0.0	0.0
	72.5°	76.0	51.3	24.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	83.6	57.0	28.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	83.6	57.0	28.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	74.1	49.4	24.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	24.7	17.1	7.6	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°	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2
0.0	2.5°	85.5	85.5	85.5	83.6	83.6	83.6	83.6	81.7	81.7	81.7
0.0	5°	77.9	77.9	76.0	76.0	74.1	74.1	72.2	72.2	70.3	70.3
0.0	7.5°	72.2	70.3	70.3	68.4	66.5	66.5	64.6	64.6	62.7	60.8
0.0	10°	66.5	64.6	64.6	62.7	60.8	58.9	58.9	57.0	55.1	53.2
0.0	12.5°	60.8	58.9	57.0	55.1	53.2	51.3	51.3	49.4	47.5	45.6
0.0	15°	53.2	51.3	49.4	47.5	45.6	43.7	43.7	41.8	39.9	38.0
0.0	17.5°	45.6	43.7	43.7	41.8	39.9	38.0	36.1	32.3	30.4	28.5
0.0	20°	34.2	32.3	30.4	28.5	26.6	22.8	20.9	17.1	13.3	11.4
0.0	22.5°	22.8	19.0	17.1	13.3	9.5	7.6	5.7	1.9	0.0	0.0
0.0	25°	7.6	5.7	3.8	1.9	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: P1049311

CATALOG NUMBER: GALN-SA8C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049311

CATALOG NUMBER: GALN-SA8C-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°	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2
0.0	2.5°	79.8	79.8	79.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
0.0	5°	68.4	68.4	68.4	66.5	66.5	64.6	64.6	64.6	62.7	62.7
0.0	7.5°	58.9	57.0	57.0	55.1	55.1	53.2	53.2	53.2	51.3	51.3
0.0	10°	49.4	47.5	47.5	45.6	45.6	43.7	43.7	41.8	41.8	39.9
0.0	12.5°	43.7	41.8	39.9	38.0	38.0	36.1	34.2	34.2	32.3	30.4
0.0	15°	34.2	32.3	30.4	28.5	26.6	24.7	22.8	22.8	20.9	19.0
0.0	17.5°	22.8	19.0	17.1	15.2	15.2	13.3	11.4	9.5	7.6	5.7
0.0	20°	5.7	3.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA8C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049311

CATALOG NUMBER: GALN-SA8C-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°	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2
0.0	2.5°	77.9	76.0	76.0	76.0	77.9	77.9	77.9	77.9	77.9	77.9
0.0	5°	62.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
0.0	7.5°	51.3	49.4	49.4	49.4	49.4	47.5	47.5	47.5	47.5	47.5
0.0	10°	39.9	38.0	38.0	38.0	38.0	36.1	36.1	36.1	36.1	36.1
0.0	12.5°	28.5	28.5	26.6	26.6	26.6	24.7	24.7	24.7	24.7	22.8
0.0	15°	17.1	15.2	13.3	13.3	13.3	11.4	11.4	11.4	11.4	9.5
0.0	17.5°	3.8	3.8	1.9	1.9	1.9	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-SA8C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049311

CATALOG NUMBER: GALN-SA8C-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°	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2
0.0	2.5°	79.8	79.8	81.7	81.7	83.6	87.4	89.3	91.2	95.0	98.8
0.0	5°	62.7	64.6	64.6	66.5	68.4	70.3	72.2	74.1	77.9	81.7
0.0	7.5°	49.4	49.4	51.3	51.3	53.2	57.0	58.9	60.8	64.6	70.3
0.0	10°	38.0	38.0	39.9	39.9	41.8	45.6	47.5	49.4	53.2	58.9
0.0	12.5°	24.7	26.6	26.6	28.5	30.4	34.2	36.1	38.0	41.8	45.6
0.0	15°	11.4	13.3	13.3	15.2	17.1	20.9	22.8	24.7	28.5	34.2
0.0	17.5°	1.9	1.9	3.8	3.8	5.7	7.6	9.5	11.4	17.1	20.9
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	7.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
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

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CATALOG NUMBER: GALN-SA8C-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°	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2
0.0	2.5°	104.5	108.3	112.1	115.9	119.7	123.5	125.4	129.2	131.1	133.0
0.0	5°	89.3	93.1	98.8	102.6	106.4	110.2	114.0	115.9	117.8	119.7
0.0	7.5°	77.9	81.7	87.4	91.2	95.0	98.8	102.6	106.4	108.3	110.2
0.0	10°	66.5	72.2	76.0	81.7	85.5	89.3	93.1	96.9	100.7	102.6
0.0	12.5°	53.2	58.9	64.6	68.4	74.1	79.8	83.6	87.4	91.2	95.0
0.0	15°	41.8	47.5	53.2	57.0	62.7	68.4	74.1	77.9	81.7	85.5
0.0	17.5°	30.4	36.1	41.8	45.6	51.3	57.0	60.8	66.5	70.3	74.1
0.0	20°	15.2	20.9	26.6	32.3	38.0	43.7	47.5	53.2	57.0	60.8
0.0	22.5°	1.9	7.6	13.3	17.1	22.8	28.5	32.3	38.0	41.8	45.6
0.0	25°	0.0	1.9	5.7	7.6	9.5	13.3	17.1	20.9	24.7	28.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.9	3.8	7.6	11.4	15.2
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
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	1.9
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.9	3.8
	85°	0.0	0.0	0.0	0.0	0.0	3.8	5.7	9.5	11.4	13.3
	87.5°	0.0	1.9	3.8	5.7	7.6	11.4	15.2	19.0	20.9	22.8
	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: P1049311

CATALOG NUMBER: GALN-SA8C-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
110.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.4	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
19.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.9											
7.6											
17.1											
24.7											
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REPORT NUMBER: P1049311

CATALOG NUMBER: GALN-SA8C-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°	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2
0.0	2.5°	134.9	134.9	134.9	134.9	133.0	133.0	133.0	131.1	131.1	129.2
0.0	5°	123.5	125.4	125.4	125.4	125.4	125.4	125.4	125.4	123.5	123.5
0.0	7.5°	114.0	115.9	117.8	117.8	119.7	119.7	119.7	117.8	117.8	115.9
0.0	10°	108.3	110.2	110.2	112.1	112.1	112.1	112.1	112.1	112.1	112.1
0.0	12.5°	100.7	102.6	104.5	104.5	106.4	106.4	106.4	106.4	104.5	104.5
0.0	15°	91.2	95.0	96.9	98.8	98.8	100.7	100.7	100.7	100.7	100.7
0.0	17.5°	83.6	87.4	89.3	91.2	91.2	93.1	93.1	95.0	95.0	95.0
0.0	20°	68.4	72.2	74.1	77.9	79.8	81.7	83.6	85.5	85.5	87.4
0.0	22.5°	53.2	57.0	58.9	62.7	64.6	66.5	68.4	70.3	72.2	74.1
0.0	25°	38.0	41.8	43.7	47.5	49.4	51.3	53.2	55.1	55.1	57.0
0.0	27.5°	20.9	24.7	28.5	30.4	34.2	36.1	38.0	39.9	41.8	43.7
0.0	30°	9.5	11.4	13.3	17.1	19.0	20.9	22.8	26.6	28.5	30.4
0.0	32.5°	0.0	0.0	1.9	5.7	7.6	9.5	11.4	13.3	13.3	15.2
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.8	5.7	7.6
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°	3.8	3.8	3.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7
	82.5°	9.5	11.4	13.3	13.3	15.2	15.2	15.2	15.2	13.3	13.3
	85°	19.0	20.9	22.8	22.8	24.7	24.7	24.7	24.7	24.7	24.7
	87.5°	26.6	28.5	30.4	30.4	32.3	32.3	32.3	32.3	32.3	32.3
	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: P1049311

CATALOG NUMBER: GALN-SA8C-927-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
110.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	165°	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	170°	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	175°	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	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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0.0										
5.7										
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REPORT NUMBER: P1049311

CATALOG NUMBER: GALN-SA8C-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°	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2
0.0	2.5°	127.3	127.3	125.4	125.4	125.4	125.4	125.4	127.3	129.2	129.2
0.0	5°	121.6	121.6	119.7	119.7	119.7	121.6	121.6	123.5	125.4	127.3
0.0	7.5°	115.9	114.0	114.0	115.9	115.9	117.8	117.8	119.7	121.6	123.5
0.0	10°	112.1	110.2	110.2	110.2	112.1	112.1	114.0	115.9	117.8	119.7
0.0	12.5°	104.5	104.5	104.5	104.5	106.4	106.4	108.3	110.2	114.0	115.9
0.0	15°	100.7	98.8	98.8	98.8	98.8	100.7	100.7	104.5	108.3	110.2
0.0	17.5°	93.1	93.1	91.2	91.2	93.1	93.1	95.0	98.8	102.6	104.5
0.0	20°	85.5	83.6	81.7	81.7	83.6	83.6	85.5	89.3	93.1	95.0
0.0	22.5°	74.1	72.2	72.2	72.2	72.2	74.1	74.1	77.9	83.6	87.4
0.0	25°	58.9	60.8	60.8	62.7	62.7	64.6	66.5	70.3	76.0	79.8
0.0	27.5°	45.6	47.5	47.5	51.3	53.2	55.1	57.0	62.7	68.4	72.2
0.0	30°	34.2	36.1	38.0	39.9	43.7	47.5	51.3	57.0	62.7	66.5
0.0	32.5°	20.9	24.7	26.6	30.4	34.2	38.0	41.8	47.5	55.1	60.8
0.0	35°	15.2	17.1	20.9	22.8	26.6	30.4	34.2	41.8	47.5	55.1
0.0	37.5°	7.6	11.4	15.2	19.0	22.8	26.6	30.4	38.0	45.6	51.3
0.0	40°	5.7	9.5	11.4	15.2	20.9	24.7	28.5	36.1	43.7	51.3
0.0	42.5°	3.8	5.7	7.6	13.3	17.1	22.8	28.5	36.1	43.7	51.3
0.0	45°	3.8	3.8	5.7	11.4	17.1	24.7	30.4	38.0	43.7	51.3
0.0	47.5°	3.8	5.7	7.6	15.2	19.0	24.7	30.4	36.1	43.7	49.4
0.0	50°	5.7	7.6	9.5	17.1	20.9	26.6	30.4	38.0	43.7	51.3
0.0	52.5°	3.8	5.7	7.6	15.2	20.9	28.5	34.2	41.8	49.4	55.1
0.0	55°	1.9	1.9	1.9	11.4	22.8	32.3	43.7	49.4	57.0	62.7
0.0	57.5°	0.0	0.0	0.0	7.6	22.8	36.1	49.4	57.0	64.6	70.3
0.0	60°	0.0	0.0	0.0	7.6	22.8	36.1	49.4	58.9	68.4	77.9
0.0	62.5°	0.0	0.0	0.0	7.6	19.0	30.4	41.8	57.0	74.1	89.3
0.0	65°	0.0	0.0	0.0	5.7	15.2	24.7	34.2	57.0	79.8	100.7
0.0	67.5°	0.0	0.0	0.0	5.7	15.2	22.8	32.3	57.0	79.8	104.5
	70°	0.0	0.0	0.0	5.7	15.2	24.7	34.2	57.0	79.8	102.6
	72.5°	0.0	0.0	0.0	5.7	17.1	26.6	38.0	57.0	76.0	95.0
	75°	0.0	0.0	0.0	7.6	17.1	28.5	39.9	57.0	74.1	89.3
	77.5°	0.0	0.0	0.0	5.7	17.1	26.6	38.0	55.1	72.2	87.4
	80°	5.7	3.8	3.8	9.5	17.1	24.7	32.3	49.4	68.4	85.5
	82.5°	11.4	11.4	9.5	13.3	17.1	22.8	28.5	43.7	60.8	76.0
	85°	22.8	22.8	20.9	22.8	22.8	24.7	26.6	34.2	41.8	49.4
	87.5°	30.4	30.4	28.5	28.5	28.5	26.6	26.6	26.6	26.6	24.7
	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

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CATALOG NUMBER: GALN-SA8C-927-U-RBC

CANDELA DISTRIBUTION (continued):

245°	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
110.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.4										
114.0										
106.4										
104.5										
102.6										
91.2										
57.0										
24.7										
0.0										
0.0										
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REPORT NUMBER: P1049311

CATALOG NUMBER: GALN-SA8C-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°	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2
0.0	2.5°	133.0	134.9	134.9	136.8	138.7	140.6	140.6	142.5	142.5	142.5
0.0	5°	131.1	134.9	136.8	138.7	140.6	142.5	144.4	146.3	148.2	148.2
0.0	7.5°	129.2	131.1	134.9	136.8	140.6	142.5	146.3	148.2	150.1	152.0
0.0	10°	125.4	129.2	133.0	136.8	140.6	144.4	148.2	152.0	155.8	157.7
0.0	12.5°	121.6	127.3	131.1	134.9	140.6	146.3	150.1	155.8	159.6	163.4
0.0	15°	119.7	123.5	129.2	133.0	140.6	148.2	153.9	161.5	169.1	174.8
0.0	17.5°	114.0	121.6	127.3	133.0	140.6	150.1	157.7	165.3	176.7	188.1
0.0	20°	106.4	112.1	119.7	125.4	136.8	146.3	157.7	167.2	184.3	201.4
0.0	22.5°	98.8	106.4	112.1	119.7	133.0	144.4	157.7	169.1	197.6	224.2
0.0	25°	91.2	100.7	108.3	115.9	131.1	146.3	161.5	176.7	224.2	271.7
0.0	27.5°	87.4	95.0	104.5	112.1	131.1	152.0	171.0	190.0	266.0	340.1
0.0	30°	81.7	91.2	98.8	108.3	133.0	157.7	182.4	207.1	323.0	438.9
0.0	32.5°	76.0	85.5	95.0	104.5	136.8	169.1	199.5	231.8	383.8	533.9
0.0	35°	70.3	81.7	91.2	100.7	142.5	186.2	228.0	269.8	438.9	606.1
0.0	37.5°	68.4	79.8	89.3	98.8	144.4	188.1	233.7	277.4	444.6	611.8
0.0	40°	70.3	79.8	91.2	100.7	138.7	176.7	212.8	250.8	425.6	598.5
0.0	42.5°	70.3	81.7	93.1	104.5	134.9	165.3	195.7	226.1	419.9	613.7
0.0	45°	68.4	79.8	91.2	102.6	131.1	157.7	186.2	212.8	454.1	693.5
0.0	47.5°	66.5	77.9	89.3	100.7	129.2	157.7	186.2	214.7	587.1	957.5
0.0	50°	66.5	77.9	87.4	96.9	131.1	167.2	201.4	235.6	854.9	1472.4
0.0	52.5°	70.3	79.8	87.4	95.0	134.9	176.7	216.6	256.5	1086.7	1915.1
0.0	55°	76.0	81.7	89.3	95.0	144.4	191.9	241.3	288.8	1157.0	2025.3
0.0	57.5°	83.6	89.3	95.0	100.7	161.5	222.3	281.2	342.0	1162.7	1981.6
0.0	60°	93.1	100.7	106.4	112.1	176.7	243.2	307.8	372.4	1052.5	1730.8
0.0	62.5°	114.0	123.5	131.1	140.6	203.3	264.1	326.8	387.6	873.9	1360.3
0.0	65°	131.1	138.7	146.3	153.9	214.7	277.4	338.2	399.0	741.0	1082.9
0.0	67.5°	134.9	142.5	148.2	155.8	218.5	281.2	342.0	404.7	634.6	862.5
	70°	136.8	146.3	157.7	167.2	231.8	296.4	359.1	423.7	562.4	701.1
	72.5°	131.1	150.1	167.2	184.3	245.1	304.0	364.8	423.7	522.5	621.3
	75°	131.1	157.7	182.4	207.1	252.7	296.4	342.0	385.7	461.7	537.7
	77.5°	138.7	172.9	207.1	241.3	267.9	292.6	319.2	343.9	393.3	442.7
	80°	138.7	174.8	209.0	245.1	256.5	269.8	281.2	292.6	298.3	304.0
	82.5°	119.7	148.2	176.7	205.2	191.9	178.6	165.3	152.0	142.5	131.1
	85°	60.8	66.5	70.3	74.1	68.4	62.7	57.0	51.3	47.5	41.8
	87.5°	24.7	24.7	22.8	22.8	22.8	22.8	20.9	20.9	20.9	20.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
110.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
184.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
203.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
233.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
298.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
404.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
562.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
761.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
951.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1081.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1177.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1274.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1464.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1844.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2811.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4307.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5422.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5545.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5004.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4278.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3343.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2526.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1865.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1320.4											
982.2											
714.4											
537.7											
302.1											
136.8											
39.9											
19.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2
0.0	2.5°	142.5	140.6	140.6	138.7	136.8	134.9	133.0	131.1	129.2	127.3
0.0	5°	148.2	148.2	148.2	146.3	146.3	144.4	144.4	142.5	140.6	138.7
0.0	7.5°	153.9	155.8	155.8	157.7	157.7	157.7	157.7	155.8	155.8	155.8
0.0	10°	163.4	165.3	167.2	169.1	171.0	172.9	172.9	174.8	174.8	174.8
0.0	12.5°	174.8	180.5	184.3	190.0	193.8	199.5	203.3	209.0	212.8	216.6
0.0	15°	191.9	201.4	212.8	222.3	231.8	245.1	260.3	273.6	286.9	307.8
0.0	17.5°	216.6	247.0	277.4	305.9	336.3	402.8	469.3	533.9	600.4	697.3
0.0	20°	264.1	355.3	444.6	535.8	625.1	858.7	1090.5	1324.2	1556.0	1804.9
0.0	22.5°	370.5	594.7	818.8	1043.0	1267.2	1755.5	2241.9	2730.1	3216.5	3788.3
0.0	25°	537.7	949.9	1362.2	1772.6	2184.9	2948.6	3714.3	4478.0	5241.8	5984.6
0.0	27.5°	782.7	1413.5	2044.3	2673.1	3303.9	4339.3	5376.6	6412.1	7447.5	8287.3
0.0	30°	1084.8	1939.8	2794.7	3649.7	4504.6	5682.5	6860.4	8036.5	9214.4	10132.0
0.0	32.5°	1369.8	2416.6	3463.5	4508.4	5555.2	6896.5	8239.8	9581.1	10922.4	11925.5
0.0	35°	1556.0	2821.3	4088.5	5353.8	6619.2	8070.7	9522.2	10971.8	12423.3	13568.9
0.0	37.5°	1742.2	3203.2	4662.3	6123.3	7582.4	9176.4	10770.4	12364.4	13958.4	15373.8
0.0	40°	1951.2	3664.9	5376.6	7090.3	8802.1	10690.6	12577.2	14465.6	16352.2	18349.0
0.0	42.5°	2314.0	4430.5	6548.9	8665.3	10781.8	13280.1	15778.5	18274.9	20773.2	23623.0
0.0	45°	2996.1	5978.9	8963.6	11946.4	14929.2	18238.8	21550.3	24859.9	28169.4	31961.6
0.0	47.5°	4666.1	8769.8	12871.7	16975.4	21077.2	24650.9	28222.6	31796.3	35368.1	39145.0
0.0	50°	7139.7	11916.0	16692.3	21466.7	26243.0	29476.6	32708.2	35941.8	39173.5	42766.2
0.0	52.5°	8929.4	13905.2	18882.9	23858.6	28834.4	31752.6	34672.7	37590.9	40509.1	43866.2
0.0	55°	9064.3	14011.6	18960.7	23908.0	28855.3	31786.8	34718.3	37649.8	40581.3	44139.8
0.0	57.5°	8025.1	12932.4	17837.9	22745.3	27650.8	30988.9	34325.0	37663.1	40999.3	44846.5
0.0	60°	6826.2	11735.5	16642.9	21552.2	26459.6	30304.9	34152.1	37997.5	41842.8	45446.9
0.0	62.5°	5325.3	10375.2	15427.0	20476.8	25526.7	29431.0	33335.2	37237.5	41141.8	43845.3
0.0	65°	3968.8	8872.4	13776.0	18677.7	23581.2	26708.4	29835.6	32960.9	36088.1	37761.9
0.0	67.5°	2868.8	7097.9	11325.2	15554.3	19781.5	22019.5	24257.6	26493.8	28731.8	30012.3
	70°	1939.8	4869.4	7797.1	10726.7	13654.4	15493.5	17334.5	19173.5	21012.6	22741.5
	72.5°	1343.2	2988.5	4635.7	6281.0	7926.3	9776.8	11625.3	13475.8	15324.4	17154.0
	75°	891.0	1639.6	2390.0	3138.6	3887.1	5257.0	6628.7	7998.5	9368.3	10458.8
	77.5°	632.7	856.8	1082.9	1307.1	1531.3	1787.8	2046.2	2302.6	2559.1	2948.6
	80°	300.2	328.7	357.2	383.8	412.3	505.4	598.5	691.6	784.6	883.4
	82.5°	142.5	153.9	165.3	174.8	186.2	195.7	205.2	214.7	224.2	214.7
	85°	38.0	38.0	39.9	39.9	39.9	39.9	39.9	39.9	39.9	38.0
	87.5°	17.1	17.1	17.1	17.1	17.1	17.1	17.1	15.2	15.2	13.3
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
110.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
218.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
330.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
792.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2055.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4360.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6727.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9127.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11051.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12930.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14714.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16791.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20345.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26472.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35753.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42922.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46358.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47223.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47700.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48693.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49049.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46550.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39437.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31294.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24468.5											
18983.5											
11549.3											
3338.1											
982.2											
203.3											
36.1											
13.3											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2
0.0	2.5°	123.5	121.6	119.7	117.8	115.9	112.1	112.1	110.2	110.2
0.0	5°	134.9	133.0	131.1	129.2	129.2	127.3	125.4	125.4	123.5
0.0	7.5°	153.9	152.0	150.1	148.2	148.2	146.3	146.3	144.4	144.4
0.0	10°	176.7	176.7	176.7	176.7	176.7	174.8	174.8	174.8	172.9
0.0	12.5°	222.3	224.2	228.0	231.8	237.5	237.5	237.5	235.6	235.6
0.0	15°	351.5	372.4	387.6	402.8	416.1	446.5	442.7	437.0	433.2
0.0	17.5°	889.1	984.1	1035.4	1084.8	1136.1	1276.7	1253.9	1231.1	1210.2
0.0	20°	2304.5	2553.4	2718.7	2884.0	3051.2	3315.3	3250.7	3186.1	3121.5
0.0	22.5°	4930.2	5502.0	5750.9	5999.8	6246.8	6566.0	6358.9	6151.8	5946.6
0.0	25°	7468.4	8211.3	8631.1	9051.0	9469.0	9651.4	9381.6	9109.9	8840.1
0.0	27.5°	9966.7	10806.5	11177.0	11545.5	11916.0	12297.9	11963.5	11627.2	11292.9
0.0	30°	11969.2	12886.8	13287.7	13686.7	14087.6	14353.6	14007.8	13660.1	13314.3
0.0	32.5°	13933.7	14936.8	15375.7	15814.6	16251.5	16633.4	16207.8	15780.4	15354.8
0.0	35°	15858.3	17003.9	17608.0	18212.2	18816.4	19171.6	18666.3	18159.0	17653.6
0.0	37.5°	18206.5	19621.9	20298.3	20974.6	21651.0	22298.8	21742.2	21183.6	20626.9
0.0	40°	22342.5	24339.3	25376.6	26415.9	27453.2	28289.1	27586.2	26883.2	26180.3
0.0	42.5°	29322.7	32172.5	33663.9	35153.4	36644.8	37950.0	37210.9	36471.9	35732.8
0.0	45°	39545.9	43338.0	45156.2	46972.5	48790.7	49744.4	48680.5	47614.7	46550.7
0.0	47.5°	46697.0	50474.0	52092.7	53711.4	55330.0	56418.7	55117.3	53815.8	52516.3
0.0	50°	49949.6	53542.3	55166.7	56789.2	58413.5	59278.0	57775.2	56270.5	54767.7
0.0	52.5°	50578.5	53935.5	55873.4	57813.2	59751.1	60906.2	59131.7	57355.3	55580.8
0.0	55°	51258.6	54817.1	57064.6	59314.1	61561.6	63161.3	61155.1	59146.9	57140.6
0.0	57.5°	52539.1	56386.4	58628.2	60868.2	63110.0	64468.4	62456.5	60442.6	58430.6
0.0	60°	52653.1	56255.3	58181.8	60110.1	62036.6	62891.5	60967.0	59040.5	57115.9
0.0	62.5°	49254.2	51957.8	53295.3	54632.8	55970.3	56899.3	54891.2	52881.1	50872.9
0.0	65°	41111.4	42785.2	43851.0	44916.8	45982.7	47090.3	45251.2	43412.1	41573.1
0.0	67.5°	32575.3	33855.8	35259.8	36663.8	38067.8	39251.4	37779.0	36304.7	34832.3
	70°	26197.4	27924.4	29503.2	31081.9	32660.7	33629.7	32151.6	30671.6	29193.5
	72.5°	20813.1	22642.7	23961.2	25277.8	26596.3	26833.8	25747.1	24660.4	23575.5
	75°	12638.0	13728.5	13755.1	13779.8	13806.4	14032.5	13131.9	12231.4	11332.8
	77.5°	3727.6	4117.0	4438.1	4757.3	5078.4	5465.9	5135.4	4802.9	4472.3
	80°	1079.1	1177.9	1261.5	1343.2	1426.8	1377.4	1299.5	1221.6	1143.7
	82.5°	193.8	182.4	180.5	178.6	178.6	169.1	153.9	138.7	123.5
	85°	34.2	32.3	30.4	28.5	26.6	24.7	20.9	19.0	15.2
	87.5°	11.4	9.5	7.6	5.7	5.7	1.9	1.9	1.9	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

325°	327.5°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
110.2	110.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.3	108.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.6	121.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5	140.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.9	171.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
233.7	228.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
427.5	406.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1187.4	1086.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3056.9	2783.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5739.5	5232.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8568.4	7930.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10958.5	10223.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12968.5	12178.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14929.2	13983.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17148.3	16044.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20068.4	18711.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25477.3	23729.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34993.8	32632.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45486.8	42557.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51214.9	48051.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53264.9	50044.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53804.4	50519.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55132.5	51608.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56418.7	52805.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55191.4	52045.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48862.9	46358.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39734.0	37906.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33359.9	31300.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27713.5	25471.6										
22488.8	20469.2										
10432.2	9624.8										
4141.7	3704.8										
1065.8	955.6										
108.3	102.6										
11.4	9.5										
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										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										

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CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2
0.0	0.0	2.5°	108.3	106.4	106.4	106.4	106.4	104.5	104.5	104.5	104.5
0.0	0.0	5°	119.7	119.7	117.8	117.8	115.9	115.9	114.0	114.0	112.1
0.0	0.0	7.5°	140.6	138.7	136.8	134.9	133.0	129.2	127.3	125.4	125.4
0.0	0.0	10°	169.1	165.3	163.4	159.6	157.7	153.9	150.1	146.3	142.5
0.0	0.0	12.5°	222.3	214.7	209.0	201.4	193.8	188.1	180.5	174.8	167.2
0.0	0.0	15°	385.7	366.7	345.8	321.1	294.5	269.8	243.2	228.0	210.9
0.0	0.0	17.5°	986.0	887.2	786.5	704.9	623.2	543.4	461.7	402.8	343.9
0.0	0.0	20°	2509.7	2236.2	1962.6	1692.8	1421.1	1151.3	879.6	742.9	606.1
0.0	0.0	22.5°	4723.1	4215.8	3706.7	3214.6	2720.6	2228.6	1736.5	1426.8	1119.0
0.0	0.0	25°	7289.8	6651.5	6013.1	5203.8	4392.5	3583.2	2773.8	2270.4	1766.9
0.0	0.0	27.5°	9486.1	8750.8	8015.6	7031.4	6047.3	5063.2	4079.0	3328.6	2580.0
0.0	0.0	30°	11387.8	10597.5	9807.2	8661.5	7515.9	6370.3	5224.7	4286.1	3347.6
0.0	0.0	32.5°	13036.9	12090.8	11144.7	9962.9	8781.2	7599.5	6417.8	5266.5	4115.1
0.0	0.0	35°	14938.7	13834.9	12729.2	11418.2	10105.4	8794.5	7483.6	6184.1	4882.7
0.0	0.0	37.5°	17355.4	16000.7	14644.2	13183.2	11722.2	10263.1	8802.1	7316.4	5830.7
0.0	0.0	40°	21981.5	20233.7	18485.8	16629.6	14771.5	12915.3	11059.2	9235.3	7411.4
0.0	0.0	42.5°	30270.7	27909.2	25547.6	23077.8	20606.0	18136.2	15664.5	13092.0	10517.7
0.0	0.0	45°	39625.7	36696.1	33764.6	30992.7	28218.8	25446.9	22675.0	19145.0	15615.1
0.0	0.0	47.5°	44886.4	41723.1	38559.9	35936.1	33312.4	30688.7	28064.9	24259.5	20454.1
0.0	0.0	50°	46822.4	43602.1	40381.8	37967.1	35550.5	33135.7	30719.1	26907.9	23094.9
0.0	0.0	52.5°	47234.7	43949.8	40664.9	38235.0	35805.0	33377.0	30947.1	27160.6	23374.2
0.0	0.0	55°	48082.0	44557.8	41031.6	38261.6	35491.6	32721.5	29951.5	26104.3	22257.0
0.0	0.0	57.5°	49189.7	45576.1	41962.5	38806.8	35651.1	32497.4	29341.7	25135.3	20929.0
0.0	0.0	60°	48899.0	45754.7	42608.5	39228.6	35846.8	32467.0	29085.2	24459.0	19830.9
0.0	0.0	62.5°	43852.9	41348.9	38842.9	36063.4	33282.0	30502.5	27723.0	22960.0	18197.0
0.0	0.0	65°	36076.7	34249.0	32421.4	30185.2	27947.2	25711.0	23474.9	19203.9	14934.9
0.0	0.0	67.5°	29239.1	27179.6	25118.2	23336.2	21552.2	19770.1	17986.1	14625.2	11264.4
		70°	23229.8	20989.8	18748.0	17007.7	15265.5	13525.2	11784.9	9550.7	7318.3
		72.5°	18447.8	16428.2	14408.6	12552.5	10694.4	8838.2	6980.1	5659.7	4339.3
		75°	8817.3	8009.9	7202.4	6231.6	5260.8	4289.9	3319.1	2743.4	2169.7
		77.5°	3267.8	2832.7	2395.7	2000.6	1605.4	1212.1	816.9	748.6	680.2
		80°	845.4	737.2	627.0	549.1	469.3	391.4	313.5	283.1	254.6
		82.5°	96.9	89.3	83.6	79.8	74.1	70.3	64.6	58.9	53.2
		85°	5.7	3.8	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: P1049311

CATALOG NUMBER: GALN-SA8C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049311

CATALOG NUMBER: GALN-SA8C-927-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	110.2	110.2
0.0	0.0	2.5°	102.6	100.7
0.0	0.0	5°	108.3	106.4
0.0	0.0	7.5°	119.7	115.9
0.0	0.0	10°	131.1	127.3
0.0	0.0	12.5°	148.2	142.5
0.0	0.0	15°	167.2	155.8
0.0	0.0	17.5°	199.5	174.8
0.0	0.0	20°	269.8	207.1
0.0	0.0	22.5°	380.0	258.4
0.0	0.0	25°	558.6	357.2
0.0	0.0	27.5°	777.0	475.0
0.0	0.0	30°	1033.5	594.7
0.0	0.0	32.5°	1259.6	708.7
0.0	0.0	35°	1554.1	824.5
0.0	0.0	37.5°	1917.0	972.7
0.0	0.0	40°	2479.3	1196.9
0.0	0.0	42.5°	3492.0	1611.1
0.0	0.0	45°	5671.1	2785.2
0.0	0.0	47.5°	8726.1	4607.2
0.0	0.0	50°	10675.4	5880.1
0.0	0.0	52.5°	10835.0	5870.6
0.0	0.0	55°	9890.7	5219.0
0.0	0.0	57.5°	8439.2	4362.1
0.0	0.0	60°	7014.3	3450.2
0.0	0.0	62.5°	5526.7	2382.4
0.0	0.0	65°	4039.1	1685.2
0.0	0.0	67.5°	2901.1	1259.6
		70°	1907.5	965.1
		72.5°	1242.5	786.5
		75°	835.9	651.7
		77.5°	488.3	433.2
		80°	172.9	152.0
		82.5°	32.3	22.8
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049311

CATALOG NUMBER: GALN-SA8C-927-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

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



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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-13

Test Date: 10/11/2024

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

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

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-13
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-927-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 2700K CCT 26 LEDS

Spectral Parameters

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

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



Test Conditions

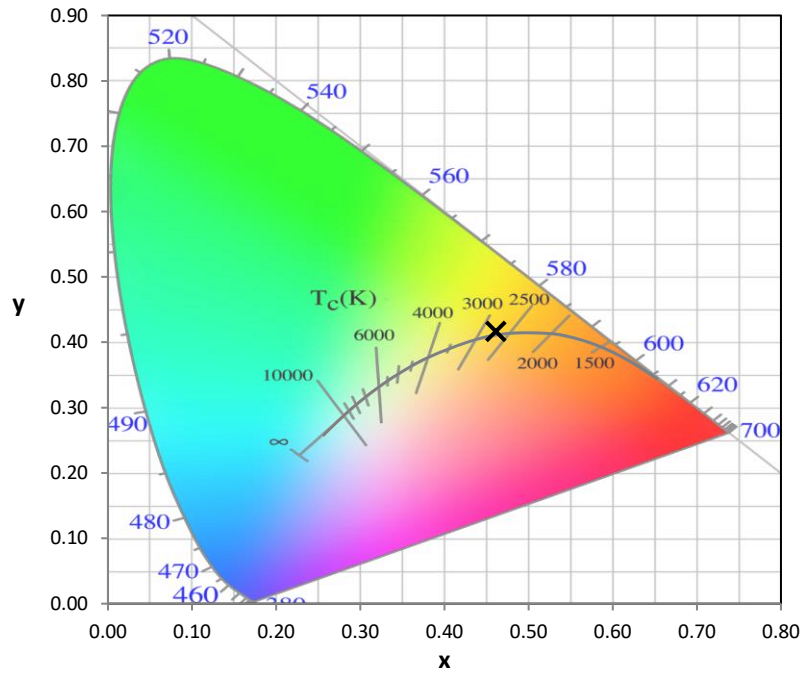
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-13

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

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CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-13

Photopic Flux vs. Wavelength

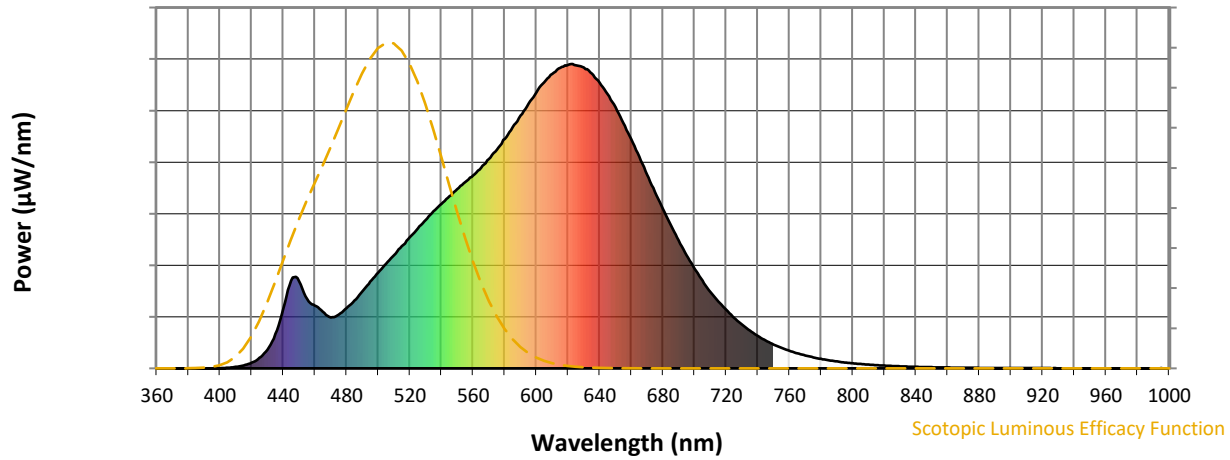


Photopic Lumens: NR

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



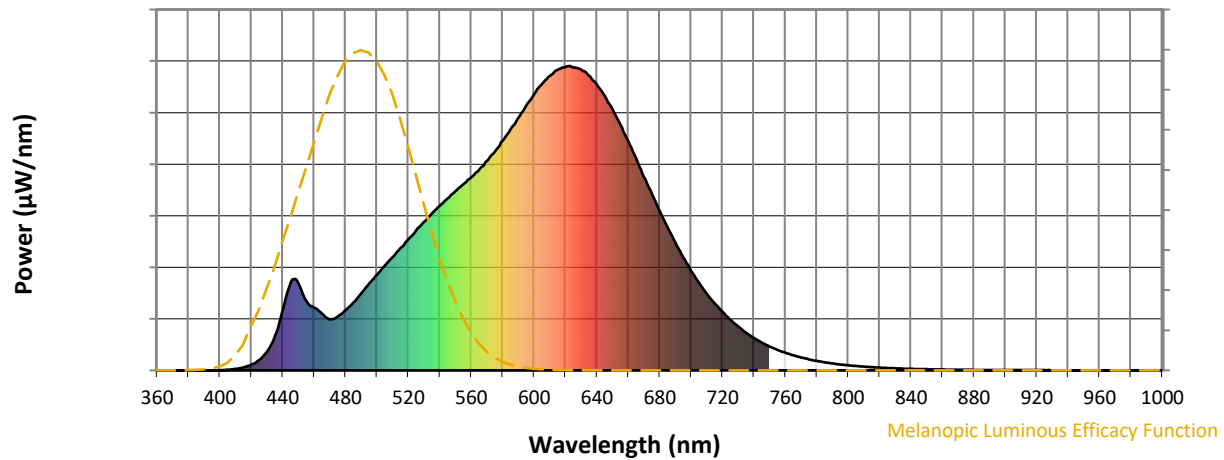
Scotopic Lumens: NR

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 W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	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

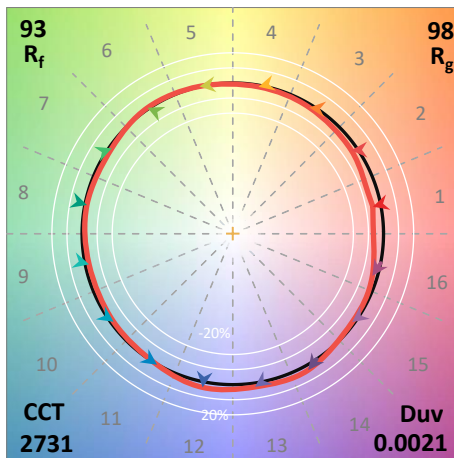
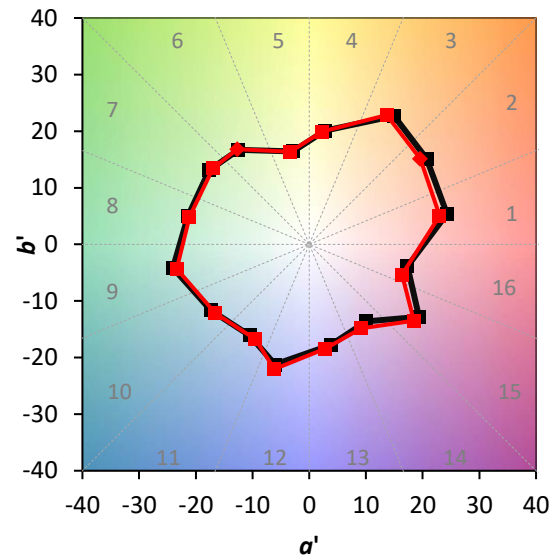
TM-30-18

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)