

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: P1049334

Luminaire Tested: **GALN-SA5B-930-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049334
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5B-930-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
90CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

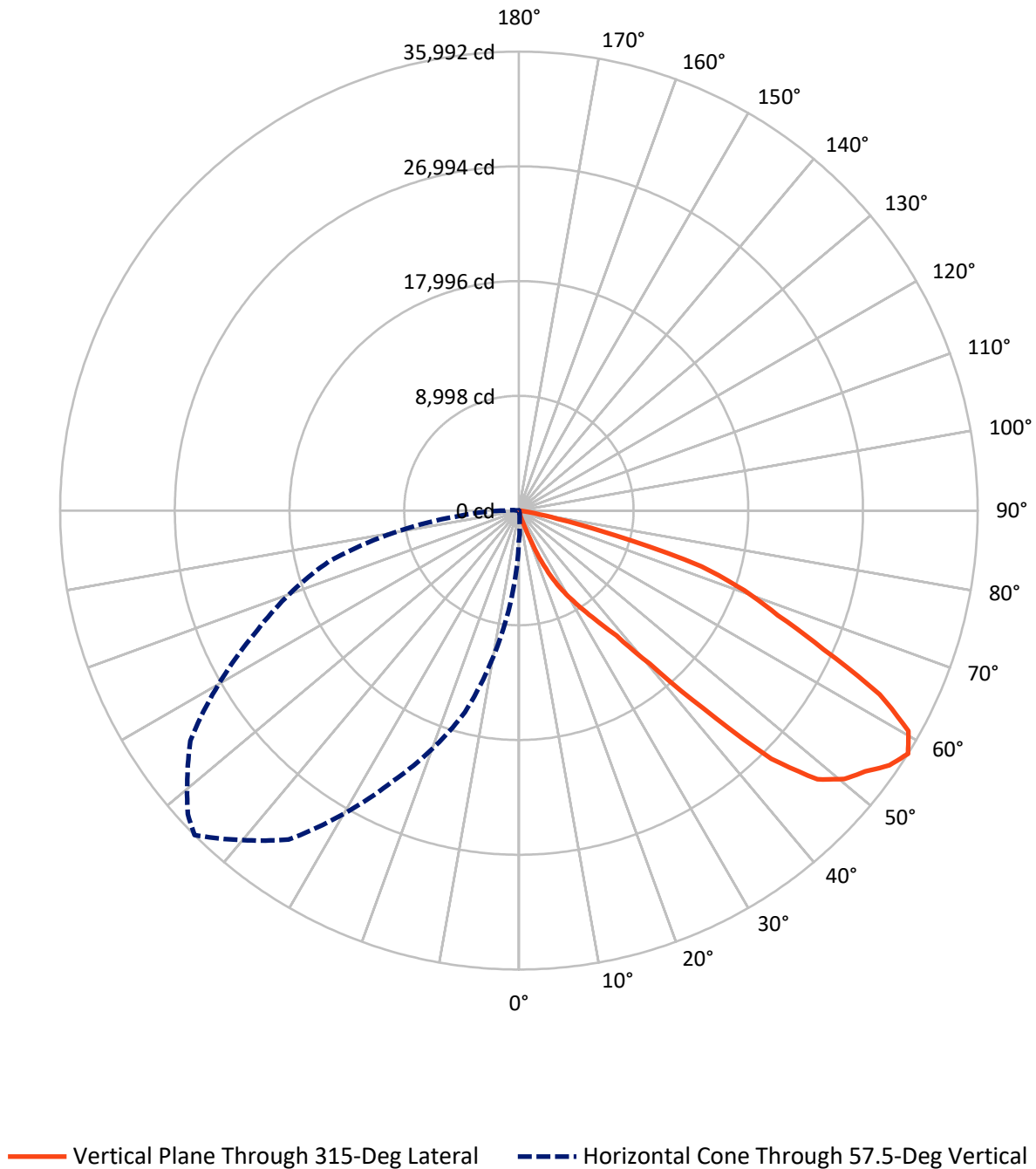
Lumens per Lamp: N/A
Luminaire Lumens: 14035.7 lumens
Efficiency: N/A
Efficacy: 78.5 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 178.8
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	70.3	0.0	70.3
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	13965.4	0.0	13965.4
	% Fixture	99.5	0.0	99.5
Total	Lumens	14035.7	0.0	14035.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.5	0.0
10°-20°	30.8	0.2
20°-30°	332.6	2.4
30°-40°	983.6	7.0
40°-50°	2931.5	20.9
50°-60°	4648.3	33.1
60°-70°	3880.2	27.6
70°-80°	1196.5	8.5
80°-90°	26.6	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°	14035.7	100.0
0°-180°	14035.7	100.0



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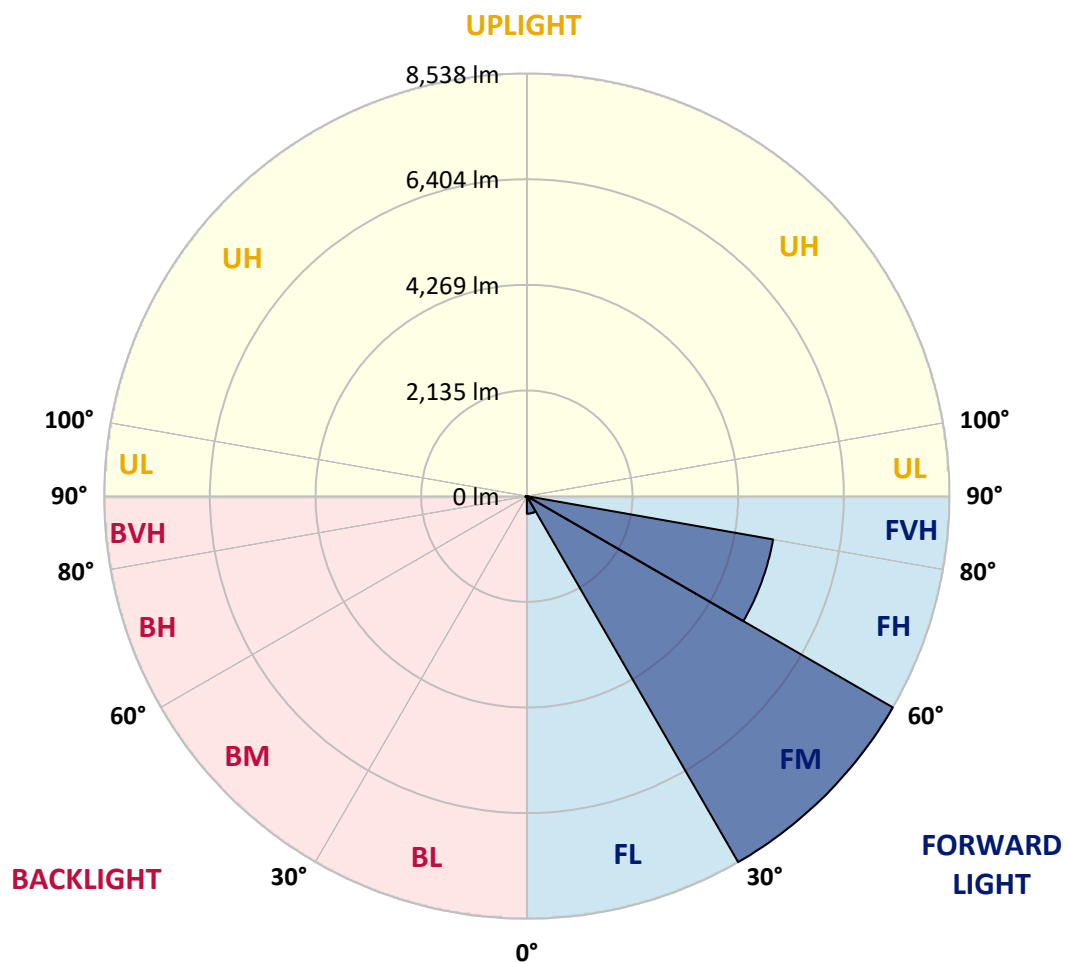
CATALOG NUMBER: GALN-SA5B-930-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	356.1	2.5			
FM	(30°-60°)	8538.3	60.8			
FH	(60°-80°)	5050.5	36.0			G3/7500
FVH	(80°-90°)	20.6	0.1			G1/100
BL	(0°-30°)	12.9	0.1	B0/110		
BM	(30°-60°)	25.1	0.2	B0/220		
BH	(60°-80°)	26.2	0.2	B0/110		G0/110
BVH	(80°-90°)	6.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
2.5°	56.2	56.2	56.2	56.2	55.2	55.2	54.1	54.1	53.0	53.0
5°	59.4	59.4	58.3	57.3	57.3	56.2	55.2	54.1	54.1	53.0
7.5°	64.7	63.6	62.6	61.5	59.4	58.3	56.2	55.2	54.1	52.0
10°	71.1	68.9	66.8	64.7	62.6	60.5	58.3	57.3	55.2	54.1
12.5°	79.5	76.4	72.1	68.9	66.8	63.6	61.5	59.4	56.2	54.1
15°	87.0	82.7	77.4	73.2	70.0	65.8	62.6	59.4	57.3	54.1
17.5°	97.6	90.2	81.7	76.4	72.1	66.8	61.5	58.3	55.2	50.9
20°	115.6	100.8	84.9	78.5	72.1	65.8	59.4	55.2	52.0	47.7
22.5°	144.3	118.8	93.3	83.8	75.3	65.8	57.3	53.0	48.8	44.5
25°	199.4	153.8	108.2	95.5	82.7	70.0	57.3	52.0	47.7	42.4
27.5°	265.2	197.3	128.3	110.3	93.3	75.3	57.3	50.9	45.6	39.2
30°	332.0	241.8	150.6	127.3	103.9	80.6	57.3	49.9	43.5	36.1
32.5°	395.6	283.2	169.7	142.1	114.6	85.9	58.3	49.9	41.4	32.9
35°	460.3	317.1	172.9	144.3	115.6	85.9	57.3	47.7	39.2	29.7
37.5°	543.1	355.3	166.5	137.9	110.3	81.7	54.1	45.6	37.1	27.6
40°	668.2	419.0	169.7	140.0	110.3	80.6	50.9	42.4	35.0	26.5
42.5°	899.4	542.0	183.5	149.6	115.6	80.6	46.7	39.2	32.9	25.5
45°	1554.9	900.5	246.1	195.2	144.3	93.3	42.4	36.1	30.8	24.4
47.5°	2572.1	1507.2	442.3	341.5	241.8	141.1	41.4	36.1	30.8	24.4
50°	3282.7	1919.8	556.8	428.5	300.2	171.8	43.5	37.1	31.8	25.5
52.5°	3277.4	1949.5	620.5	476.2	333.0	188.8	45.6	39.2	33.9	27.6
55°	2913.6	1773.4	632.2	485.8	340.5	194.1	48.8	42.4	36.1	29.7
57.5°	2435.3	1506.1	577.0	446.5	317.1	186.7	56.2	48.8	42.4	35.0
60°	1926.2	1187.9	449.7	355.3	262.0	167.6	74.2	64.7	56.2	46.7
62.5°	1330.1	861.3	392.4	315.0	238.6	161.2	84.9	75.3	66.8	57.3
65°	940.8	648.1	354.3	288.5	223.8	158.0	92.3	81.7	72.1	61.5
67.5°	703.2	515.5	326.7	270.5	214.3	158.0	101.8	89.1	77.4	64.7
70°	538.8	423.2	306.5	260.9	216.4	170.8	125.2	107.1	90.2	72.1
72.5°	439.1	361.7	283.2	250.3	217.4	184.6	151.7	128.3	105.0	80.6
75°	363.8	309.7	255.6	228.0	201.5	173.9	146.4	125.2	105.0	83.8
77.5°	241.8	220.6	198.3	182.4	166.5	149.6	133.6	115.6	98.6	80.6
80°	84.9	81.7	78.5	84.9	91.2	97.6	103.9	91.2	79.5	66.8
82.5°	12.7	11.7	10.6	11.7	12.7	13.8	14.8	15.9	17.0	18.0
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-SA5B-930-U-RBC

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°	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
0.0	2.5°	52.0	52.0	50.9	50.9	50.9	49.9	49.9	48.8	48.8	48.8
0.0	5°	50.9	50.9	49.9	48.8	47.7	47.7	46.7	45.6	45.6	44.5
0.0	7.5°	49.9	48.8	47.7	46.7	45.6	44.5	43.5	42.4	42.4	41.4
0.0	10°	50.9	48.8	47.7	45.6	44.5	43.5	41.4	40.3	39.2	39.2
0.0	12.5°	48.8	47.7	45.6	43.5	42.4	40.3	39.2	37.1	36.1	36.1
0.0	15°	48.8	46.7	43.5	41.4	39.2	38.2	36.1	33.9	32.9	31.8
0.0	17.5°	45.6	43.5	40.3	38.2	36.1	33.9	31.8	29.7	28.6	27.6
0.0	20°	41.4	39.2	36.1	32.9	30.8	28.6	26.5	24.4	23.3	22.3
0.0	22.5°	37.1	35.0	31.8	28.6	26.5	24.4	21.2	19.1	18.0	15.9
0.0	25°	35.0	31.8	28.6	25.5	22.3	20.2	17.0	13.8	11.7	9.5
0.0	27.5°	29.7	26.5	23.3	20.2	17.0	13.8	10.6	7.4	5.3	4.2
0.0	30°	25.5	22.3	19.1	15.9	11.7	8.5	5.3	1.1	1.1	1.1
0.0	32.5°	21.2	18.0	13.8	10.6	8.5	5.3	3.2	0.0	0.0	0.0
0.0	35°	17.0	13.8	9.5	6.4	5.3	3.2	2.1	0.0	0.0	0.0
0.0	37.5°	14.8	11.7	7.4	3.2	2.1	2.1	1.1	0.0	0.0	0.0
0.0	40°	13.8	9.5	5.3	1.1	1.1	1.1	0.0	0.0	0.0	0.0
0.0	42.5°	13.8	9.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	13.8	9.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	13.8	9.5	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	14.8	10.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	17.0	12.7	8.5	4.2	3.2	2.1	1.1	0.0	0.0	0.0
0.0	55°	21.2	19.1	15.9	13.8	10.6	7.4	3.2	0.0	0.0	0.0
0.0	57.5°	27.6	27.6	26.5	25.5	19.1	12.7	6.4	0.0	0.0	0.0
0.0	60°	37.1	37.1	37.1	37.1	27.6	19.1	9.5	0.0	0.0	0.0
0.0	62.5°	45.6	43.5	40.3	38.2	28.6	19.1	9.5	0.0	0.0	0.0
0.0	65°	45.6	41.4	36.1	30.8	23.3	15.9	7.4	0.0	0.0	0.0
0.0	67.5°	42.4	33.9	24.4	15.9	11.7	8.5	4.2	0.0	0.0	0.0
	70°	42.4	29.7	17.0	4.2	3.2	2.1	1.1	0.0	0.0	0.0
	72.5°	42.4	28.6	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	46.7	31.8	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	46.7	31.8	15.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	41.4	27.6	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	13.8	9.5	4.2	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°	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
0.0	2.5°	47.7	47.7	47.7	46.7	46.7	46.7	46.7	45.6	45.6	45.6
0.0	5°	43.5	43.5	42.4	42.4	41.4	41.4	40.3	40.3	39.2	39.2
0.0	7.5°	40.3	39.2	39.2	38.2	37.1	37.1	36.1	36.1	35.0	33.9
0.0	10°	37.1	36.1	36.1	35.0	33.9	32.9	32.9	31.8	30.8	29.7
0.0	12.5°	33.9	32.9	31.8	30.8	29.7	28.6	28.6	27.6	26.5	25.5
0.0	15°	29.7	28.6	27.6	26.5	25.5	24.4	24.4	23.3	22.3	21.2
0.0	17.5°	25.5	24.4	24.4	23.3	22.3	21.2	20.2	18.0	17.0	15.9
0.0	20°	19.1	18.0	17.0	15.9	14.8	12.7	11.7	9.5	7.4	6.4
0.0	22.5°	12.7	10.6	9.5	7.4	5.3	4.2	3.2	1.1	0.0	0.0
0.0	25°	4.2	3.2	2.1	1.1	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-SA5B-930-U-RBC

[illegible]

REPORT NUMBER: P1049334

CATALOG NUMBER: GALN-SA5B-930-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
0.0	2.5°	44.5	44.5	44.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
0.0	5°	38.2	38.2	38.2	37.1	37.1	36.1	36.1	36.1	35.0	35.0
0.0	7.5°	32.9	31.8	31.8	30.8	30.8	29.7	29.7	29.7	28.6	28.6
0.0	10°	27.6	26.5	26.5	25.5	25.5	24.4	24.4	23.3	23.3	22.3
0.0	12.5°	24.4	23.3	22.3	21.2	21.2	20.2	19.1	19.1	18.0	17.0
0.0	15°	19.1	18.0	17.0	15.9	14.8	13.8	12.7	12.7	11.7	10.6
0.0	17.5°	12.7	10.6	9.5	8.5	8.5	7.4	6.4	5.3	4.2	3.2
0.0	20°	3.2	2.1	1.1	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



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CATALOG NUMBER: GALN-SA5B-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049334

CATALOG NUMBER: GALN-SA5B-930-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°	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
0.0	2.5°	43.5	42.4	42.4	42.4	43.5	43.5	43.5	43.5	43.5	43.5
0.0	5°	35.0	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
0.0	7.5°	28.6	27.6	27.6	27.6	27.6	26.5	26.5	26.5	26.5	26.5
0.0	10°	22.3	21.2	21.2	21.2	21.2	20.2	20.2	20.2	20.2	20.2
0.0	12.5°	15.9	15.9	14.8	14.8	14.8	13.8	13.8	13.8	13.8	12.7
0.0	15°	9.5	8.5	7.4	7.4	7.4	6.4	6.4	6.4	6.4	5.3
0.0	17.5°	2.1	2.1	1.1	1.1	1.1	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



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CATALOG NUMBER: GALN-SA5B-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049334

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
0.0	2.5°	44.5	44.5	45.6	45.6	46.7	48.8	49.9	50.9	53.0	55.2
0.0	5°	35.0	36.1	36.1	37.1	38.2	39.2	40.3	41.4	43.5	45.6
0.0	7.5°	27.6	27.6	28.6	28.6	29.7	31.8	32.9	33.9	36.1	39.2
0.0	10°	21.2	21.2	22.3	22.3	23.3	25.5	26.5	27.6	29.7	32.9
0.0	12.5°	13.8	14.8	14.8	15.9	17.0	19.1	20.2	21.2	23.3	25.5
0.0	15°	6.4	7.4	7.4	8.5	9.5	11.7	12.7	13.8	15.9	19.1
0.0	17.5°	1.1	1.1	2.1	2.1	3.2	4.2	5.3	6.4	9.5	11.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	4.2
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
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-SA5B-930-U-RBC

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CATALOG NUMBER: GALN-SA5B-930-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°	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
0.0	2.5°	58.3	60.5	62.6	64.7	66.8	68.9	70.0	72.1	73.2	74.2
0.0	5°	49.9	52.0	55.2	57.3	59.4	61.5	63.6	64.7	65.8	66.8
0.0	7.5°	43.5	45.6	48.8	50.9	53.0	55.2	57.3	59.4	60.5	61.5
0.0	10°	37.1	40.3	42.4	45.6	47.7	49.9	52.0	54.1	56.2	57.3
0.0	12.5°	29.7	32.9	36.1	38.2	41.4	44.5	46.7	48.8	50.9	53.0
0.0	15°	23.3	26.5	29.7	31.8	35.0	38.2	41.4	43.5	45.6	47.7
0.0	17.5°	17.0	20.2	23.3	25.5	28.6	31.8	33.9	37.1	39.2	41.4
0.0	20°	8.5	11.7	14.8	18.0	21.2	24.4	26.5	29.7	31.8	33.9
0.0	22.5°	1.1	4.2	7.4	9.5	12.7	15.9	18.0	21.2	23.3	25.5
0.0	25°	0.0	1.1	3.2	4.2	5.3	7.4	9.5	11.7	13.8	15.9
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.1	2.1	4.2	6.4	8.5
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
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	1.1
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	2.1
	85°	0.0	0.0	0.0	0.0	0.0	2.1	3.2	5.3	6.4	7.4
	87.5°	0.0	1.1	2.1	3.2	4.2	6.4	8.5	10.6	11.7	12.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049334

CATALOG NUMBER: GALN-SA5B-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
61.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.2	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											
1.1											
4.2											
9.5											
13.8											
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REPORT NUMBER: P1049334

CATALOG NUMBER: GALN-SA5B-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
0.0	2.5°	75.3	75.3	75.3	75.3	74.2	74.2	74.2	73.2	73.2	72.1
0.0	5°	68.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	68.9	68.9
0.0	7.5°	63.6	64.7	65.8	65.8	66.8	66.8	66.8	65.8	65.8	64.7
0.0	10°	60.5	61.5	61.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
0.0	12.5°	56.2	57.3	58.3	58.3	59.4	59.4	59.4	59.4	58.3	58.3
0.0	15°	50.9	53.0	54.1	55.2	55.2	56.2	56.2	56.2	56.2	56.2
0.0	17.5°	46.7	48.8	49.9	50.9	50.9	52.0	52.0	53.0	53.0	53.0
0.0	20°	38.2	40.3	41.4	43.5	44.5	45.6	46.7	47.7	47.7	48.8
0.0	22.5°	29.7	31.8	32.9	35.0	36.1	37.1	38.2	39.2	40.3	41.4
0.0	25°	21.2	23.3	24.4	26.5	27.6	28.6	29.7	30.8	30.8	31.8
0.0	27.5°	11.7	13.8	15.9	17.0	19.1	20.2	21.2	22.3	23.3	24.4
0.0	30°	5.3	6.4	7.4	9.5	10.6	11.7	12.7	14.8	15.9	17.0
0.0	32.5°	0.0	0.0	1.1	3.2	4.2	5.3	6.4	7.4	7.4	8.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.1	3.2	4.2
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	2.1	2.1	2.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2
	82.5°	5.3	6.4	7.4	7.4	8.5	8.5	8.5	8.5	7.4	7.4
	85°	10.6	11.7	12.7	12.7	13.8	13.8	13.8	13.8	13.8	13.8
	87.5°	14.8	15.9	17.0	17.0	18.0	18.0	18.0	18.0	18.0	18.0
	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: P1049334

CATALOG NUMBER: GALN-SA5B-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
61.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
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3.2											
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REPORT NUMBER: P1049334

CATALOG NUMBER: GALN-SA5B-930-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°	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
0.0	2.5°	71.1	71.1	70.0	70.0	70.0	70.0	70.0	71.1	72.1	72.1
0.0	5°	67.9	67.9	66.8	66.8	66.8	67.9	67.9	68.9	70.0	71.1
0.0	7.5°	64.7	63.6	63.6	64.7	64.7	65.8	65.8	66.8	67.9	68.9
0.0	10°	62.6	61.5	61.5	61.5	62.6	62.6	63.6	64.7	65.8	66.8
0.0	12.5°	58.3	58.3	58.3	58.3	59.4	59.4	60.5	61.5	63.6	64.7
0.0	15°	56.2	55.2	55.2	55.2	55.2	56.2	56.2	58.3	60.5	61.5
0.0	17.5°	52.0	52.0	50.9	50.9	52.0	52.0	53.0	55.2	57.3	58.3
0.0	20°	47.7	46.7	45.6	45.6	46.7	46.7	47.7	49.9	52.0	53.0
0.0	22.5°	41.4	40.3	40.3	40.3	40.3	41.4	41.4	43.5	46.7	48.8
0.0	25°	32.9	33.9	33.9	35.0	35.0	36.1	37.1	39.2	42.4	44.5
0.0	27.5°	25.5	26.5	26.5	28.6	29.7	30.8	31.8	35.0	38.2	40.3
0.0	30°	19.1	20.2	21.2	22.3	24.4	26.5	28.6	31.8	35.0	37.1
0.0	32.5°	11.7	13.8	14.8	17.0	19.1	21.2	23.3	26.5	30.8	33.9
0.0	35°	8.5	9.5	11.7	12.7	14.8	17.0	19.1	23.3	26.5	30.8
0.0	37.5°	4.2	6.4	8.5	10.6	12.7	14.8	17.0	21.2	25.5	28.6
0.0	40°	3.2	5.3	6.4	8.5	11.7	13.8	15.9	20.2	24.4	28.6
0.0	42.5°	2.1	3.2	4.2	7.4	9.5	12.7	15.9	20.2	24.4	28.6
0.0	45°	2.1	2.1	3.2	6.4	9.5	13.8	17.0	21.2	24.4	28.6
0.0	47.5°	2.1	3.2	4.2	8.5	10.6	13.8	17.0	20.2	24.4	27.6
0.0	50°	3.2	4.2	5.3	9.5	11.7	14.8	17.0	21.2	24.4	28.6
0.0	52.5°	2.1	3.2	4.2	8.5	11.7	15.9	19.1	23.3	27.6	30.8
0.0	55°	1.1	1.1	1.1	6.4	12.7	18.0	24.4	27.6	31.8	35.0
0.0	57.5°	0.0	0.0	0.0	4.2	12.7	20.2	27.6	31.8	36.1	39.2
0.0	60°	0.0	0.0	0.0	4.2	12.7	20.2	27.6	32.9	38.2	43.5
0.0	62.5°	0.0	0.0	0.0	4.2	10.6	17.0	23.3	31.8	41.4	49.9
0.0	65°	0.0	0.0	0.0	3.2	8.5	13.8	19.1	31.8	44.5	56.2
0.0	67.5°	0.0	0.0	0.0	3.2	8.5	12.7	18.0	31.8	44.5	58.3
	70°	0.0	0.0	0.0	3.2	8.5	13.8	19.1	31.8	44.5	57.3
	72.5°	0.0	0.0	0.0	3.2	9.5	14.8	21.2	31.8	42.4	53.0
	75°	0.0	0.0	0.0	4.2	9.5	15.9	22.3	31.8	41.4	49.9
	77.5°	0.0	0.0	0.0	3.2	9.5	14.8	21.2	30.8	40.3	48.8
	80°	3.2	2.1	2.1	5.3	9.5	13.8	18.0	27.6	38.2	47.7
	82.5°	6.4	6.4	5.3	7.4	9.5	12.7	15.9	24.4	33.9	42.4
	85°	12.7	12.7	11.7	12.7	12.7	13.8	14.8	19.1	23.3	27.6
	87.5°	17.0	17.0	15.9	15.9	15.9	14.8	14.8	14.8	14.8	13.8
	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

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
61.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0											
63.6											
59.4											
58.3											
57.3											
50.9											
31.8											
13.8											
0.0											
0.0											
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REPORT NUMBER: P1049334

CATALOG NUMBER: GALN-SA5B-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
0.0	2.5°	74.2	75.3	75.3	76.4	77.4	78.5	78.5	79.5	79.5	79.5
0.0	5°	73.2	75.3	76.4	77.4	78.5	79.5	80.6	81.7	82.7	82.7
0.0	7.5°	72.1	73.2	75.3	76.4	78.5	79.5	81.7	82.7	83.8	84.9
0.0	10°	70.0	72.1	74.2	76.4	78.5	80.6	82.7	84.9	87.0	88.0
0.0	12.5°	67.9	71.1	73.2	75.3	78.5	81.7	83.8	87.0	89.1	91.2
0.0	15°	66.8	68.9	72.1	74.2	78.5	82.7	85.9	90.2	94.4	97.6
0.0	17.5°	63.6	67.9	71.1	74.2	78.5	83.8	88.0	92.3	98.6	105.0
0.0	20°	59.4	62.6	66.8	70.0	76.4	81.7	88.0	93.3	102.9	112.4
0.0	22.5°	55.2	59.4	62.6	66.8	74.2	80.6	88.0	94.4	110.3	125.2
0.0	25°	50.9	56.2	60.5	64.7	73.2	81.7	90.2	98.6	125.2	151.7
0.0	27.5°	48.8	53.0	58.3	62.6	73.2	84.9	95.5	106.1	148.5	189.9
0.0	30°	45.6	50.9	55.2	60.5	74.2	88.0	101.8	115.6	180.3	245.0
0.0	32.5°	42.4	47.7	53.0	58.3	76.4	94.4	111.4	129.4	214.3	298.0
0.0	35°	39.2	45.6	50.9	56.2	79.5	103.9	127.3	150.6	245.0	338.4
0.0	37.5°	38.2	44.5	49.9	55.2	80.6	105.0	130.5	154.9	248.2	341.5
0.0	40°	39.2	44.5	50.9	56.2	77.4	98.6	118.8	140.0	237.6	334.1
0.0	42.5°	39.2	45.6	52.0	58.3	75.3	92.3	109.2	126.2	234.4	342.6
0.0	45°	38.2	44.5	50.9	57.3	73.2	88.0	103.9	118.8	253.5	387.1
0.0	47.5°	37.1	43.5	49.9	56.2	72.1	88.0	103.9	119.9	327.7	534.6
0.0	50°	37.1	43.5	48.8	54.1	73.2	93.3	112.4	131.5	477.3	822.0
0.0	52.5°	39.2	44.5	48.8	53.0	75.3	98.6	120.9	143.2	606.7	1069.1
0.0	55°	42.4	45.6	49.9	53.0	80.6	107.1	134.7	161.2	645.9	1130.7
0.0	57.5°	46.7	49.9	53.0	56.2	90.2	124.1	157.0	190.9	649.1	1106.3
0.0	60°	52.0	56.2	59.4	62.6	98.6	135.8	171.8	207.9	587.6	966.3
0.0	62.5°	63.6	68.9	73.2	78.5	113.5	147.4	182.4	216.4	487.9	759.4
0.0	65°	73.2	77.4	81.7	85.9	119.9	154.9	188.8	222.7	413.7	604.6
0.0	67.5°	75.3	79.5	82.7	87.0	122.0	157.0	190.9	225.9	354.3	481.5
	70°	76.4	81.7	88.0	93.3	129.4	165.5	200.5	236.5	314.0	391.4
	72.5°	73.2	83.8	93.3	102.9	136.8	169.7	203.6	236.5	291.7	346.8
	75°	73.2	88.0	101.8	115.6	141.1	165.5	190.9	215.3	257.7	300.2
	77.5°	77.4	96.5	115.6	134.7	149.6	163.3	178.2	192.0	219.6	247.1
	80°	77.4	97.6	116.7	136.8	143.2	150.6	157.0	163.3	166.5	169.7
	82.5°	66.8	82.7	98.6	114.6	107.1	99.7	92.3	84.9	79.5	73.2
	85°	33.9	37.1	39.2	41.4	38.2	35.0	31.8	28.6	26.5	23.3
	87.5°	13.8	13.8	12.7	12.7	12.7	12.7	11.7	11.7	11.7	11.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049334

CATALOG NUMBER: GALN-SA5B-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
61.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
225.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
314.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
425.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
531.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
603.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
657.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
711.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
817.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1029.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1569.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2404.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3027.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3096.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2793.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2388.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1866.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1410.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1041.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
737.2											
548.4											
398.8											
300.2											
168.6											
76.4											
22.3											
10.6											
0.0											
0.0											
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REPORT NUMBER: P1049334

CATALOG NUMBER: GALN-SA5B-930-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°	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
0.0	2.5°	79.5	78.5	78.5	77.4	76.4	75.3	74.2	73.2	72.1	71.1
0.0	5°	82.7	82.7	82.7	81.7	81.7	80.6	80.6	79.5	78.5	77.4
0.0	7.5°	85.9	87.0	87.0	88.0	88.0	88.0	88.0	87.0	87.0	87.0
0.0	10°	91.2	92.3	93.3	94.4	95.5	96.5	96.5	97.6	97.6	97.6
0.0	12.5°	97.6	100.8	102.9	106.1	108.2	111.4	113.5	116.7	118.8	120.9
0.0	15°	107.1	112.4	118.8	124.1	129.4	136.8	145.3	152.7	160.2	171.8
0.0	17.5°	120.9	137.9	154.9	170.8	187.7	224.9	262.0	298.0	335.2	389.3
0.0	20°	147.4	198.3	248.2	299.1	349.0	479.4	608.8	739.3	868.7	1007.6
0.0	22.5°	206.8	332.0	457.1	582.3	707.5	980.1	1251.6	1524.2	1795.7	2115.0
0.0	25°	300.2	530.3	760.5	989.6	1219.8	1646.1	2073.6	2500.0	2926.4	3341.1
0.0	27.5°	437.0	789.1	1141.3	1492.4	1844.5	2422.6	3001.7	3579.7	4157.8	4626.6
0.0	30°	605.6	1082.9	1560.2	2037.5	2514.8	3172.4	3830.1	4486.6	5144.2	5656.5
0.0	32.5°	764.7	1349.2	1933.6	2517.0	3101.4	3850.2	4600.1	5348.9	6097.7	6657.8
0.0	35°	868.7	1575.1	2282.5	2988.9	3695.3	4505.7	5316.0	6125.3	6935.7	7575.2
0.0	37.5°	972.6	1788.3	2602.9	3418.5	4233.1	5123.0	6012.9	6902.8	7792.7	8582.9
0.0	40°	1089.3	2046.0	3001.7	3958.4	4914.0	5968.3	7021.6	8075.9	9129.1	10243.9
0.0	42.5°	1291.9	2473.5	3656.1	4837.7	6019.3	7414.0	8808.8	10202.5	11597.3	13188.3
0.0	45°	1672.7	3337.9	5004.2	6669.4	8334.7	10182.4	12031.1	13878.8	15726.4	17843.5
0.0	47.5°	2605.0	4896.0	7186.0	9477.0	11767.0	13762.1	15756.1	17751.2	19745.3	21853.9
0.0	50°	3986.0	6652.5	9319.0	11984.4	14650.9	16456.2	18260.4	20065.6	21869.8	23875.5
0.0	52.5°	4985.1	7763.0	10541.9	13319.8	16097.7	17726.8	19357.1	20986.3	22615.4	24489.6
0.0	55°	5060.4	7822.4	10585.4	13347.4	16109.3	17745.9	19382.5	21019.1	22655.7	24642.4
0.0	57.5°	4480.2	7219.9	9958.6	12698.2	15436.9	17300.5	19163.0	21026.6	22889.1	25036.9
0.0	60°	3811.0	6551.7	9291.4	12032.2	14771.8	16918.6	19066.5	21213.2	23360.0	25372.1
0.0	62.5°	2973.0	5792.3	8612.6	11431.8	14251.1	16430.7	18610.4	20789.0	22968.6	24478.0
0.0	65°	2215.7	4953.3	7690.9	10427.4	13164.9	14910.8	16656.6	18401.4	20147.3	21081.7
0.0	67.5°	1601.6	3962.6	6322.6	8683.6	11043.6	12293.1	13542.5	14790.9	16040.4	16755.3
	70°	1082.9	2718.5	4353.0	5988.5	7623.0	8649.7	9677.5	10704.2	11730.9	12696.1
	72.5°	749.9	1668.4	2588.0	3506.5	4425.1	5458.2	6490.2	7523.3	8555.3	9576.7
	75°	497.5	915.4	1334.3	1752.2	2170.1	2934.9	3700.7	4465.4	5230.1	5838.9
	77.5°	353.2	478.4	604.6	729.7	854.9	998.1	1142.3	1285.5	1428.7	1646.1
	80°	167.6	183.5	199.4	214.3	230.2	282.1	334.1	386.1	438.1	493.2
	82.5°	79.5	85.9	92.3	97.6	103.9	109.2	114.6	119.9	125.2	119.9
	85°	21.2	21.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	21.2
	87.5°	9.5	9.5	9.5	9.5	9.5	9.5	9.5	8.5	8.5	7.4
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
61.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
184.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
442.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1147.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2434.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3755.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5095.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6169.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7218.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8214.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9374.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11358.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14779.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19960.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23962.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25881.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26363.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26630.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27184.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27383.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25988.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22017.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17471.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13660.3											
10598.1											
6447.8											
1863.6											
548.4											
113.5											
20.2											
7.4											
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°	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
0.0	2.5°	68.9	67.9	66.8	65.8	64.7	62.6	62.6	61.5	61.5
0.0	5°	75.3	74.2	73.2	72.1	72.1	71.1	70.0	70.0	68.9
0.0	7.5°	85.9	84.9	83.8	82.7	82.7	81.7	81.7	80.6	80.6
0.0	10°	98.6	98.6	98.6	98.6	98.6	97.6	97.6	97.6	96.5
0.0	12.5°	124.1	125.2	127.3	129.4	132.6	132.6	132.6	131.5	131.5
0.0	15°	196.2	207.9	216.4	224.9	232.3	249.3	247.1	244.0	241.8
0.0	17.5°	496.4	549.4	578.1	605.6	634.3	712.8	700.0	687.3	675.6
0.0	20°	1286.6	1425.5	1517.8	1610.1	1703.4	1850.9	1814.8	1778.7	1742.7
0.0	22.5°	2752.4	3071.7	3210.6	3349.6	3487.5	3665.6	3550.0	3434.4	3319.9
0.0	25°	4169.5	4584.2	4818.6	5053.0	5286.3	5388.2	5237.6	5085.9	4935.3
0.0	27.5°	5564.2	6033.0	6239.9	6445.6	6652.5	6865.7	6679.0	6491.3	6304.6
0.0	30°	6682.2	7194.5	7418.3	7641.0	7864.8	8013.3	7820.3	7626.2	7433.1
0.0	32.5°	7778.9	8338.9	8583.9	8829.0	9072.9	9286.1	9048.5	8809.9	8572.3
0.0	35°	8853.3	9492.9	9830.2	10167.5	10504.8	10703.1	10421.0	10137.8	9855.7
0.0	37.5°	10164.3	10954.5	11332.1	11709.7	12087.3	12449.0	12138.2	11826.4	11515.6
0.0	40°	12473.4	13588.1	14167.3	14747.4	15326.6	15793.3	15400.8	15008.4	14615.9
0.0	42.5°	16370.3	17961.3	18793.9	19625.4	20458.1	21186.7	20774.1	20361.5	19948.9
0.0	45°	22077.7	24194.8	25209.8	26223.8	27238.9	27771.3	27177.3	26582.3	25988.3
0.0	47.5°	26070.0	28178.6	29082.3	29986.0	30889.7	31497.4	30770.9	30044.3	29318.8
0.0	50°	27885.9	29891.6	30798.4	31704.3	32611.1	33093.7	32254.7	31414.7	30575.7
0.0	52.5°	28237.0	30111.1	31193.0	32276.0	33357.8	34002.7	33012.1	32020.3	31029.7
0.0	55°	28616.7	30603.3	31858.1	33113.9	34368.6	35261.7	34141.7	33020.5	31900.5
0.0	57.5°	29331.6	31479.4	32731.0	33981.5	35233.1	35991.5	34868.2	33743.9	32620.7
0.0	60°	29395.2	31406.2	32481.7	33558.3	34633.8	35111.1	34036.7	32961.1	31886.7
0.0	62.5°	27497.7	29007.0	29753.7	30500.4	31247.1	31765.8	30644.7	29522.5	28401.4
0.0	65°	22951.7	23886.1	24481.1	25076.2	25671.2	26289.6	25262.9	24236.1	23209.4
0.0	67.5°	18186.1	18901.0	19684.8	20468.7	21252.5	21913.3	21091.3	20268.2	19446.2
	70°	14625.5	15589.6	16471.0	17352.4	18233.8	18774.8	17949.6	17123.3	16298.1
	72.5°	11619.6	12641.0	13377.1	14112.1	14848.2	14980.8	14374.1	13767.4	13161.8
	75°	7055.5	7664.3	7679.2	7693.0	7707.8	7834.1	7331.3	6828.5	6326.9
	77.5°	2081.0	2298.5	2477.7	2655.9	2835.2	3051.5	2867.0	2681.4	2496.8
	80°	602.5	657.6	704.3	749.9	796.6	769.0	725.5	682.0	638.5
	82.5°	108.2	101.8	100.8	99.7	99.7	94.4	85.9	77.4	68.9
	85°	19.1	18.0	17.0	15.9	14.8	13.8	11.7	10.6	8.5
	87.5°	6.4	5.3	4.2	3.2	3.2	1.1	1.1	1.1	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049334

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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°	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
0.0	0.0	2.5°	60.5	59.4	59.4	59.4	59.4	58.3	58.3	58.3	58.3
0.0	0.0	5°	66.8	66.8	65.8	65.8	64.7	64.7	63.6	63.6	62.6
0.0	0.0	7.5°	78.5	77.4	76.4	75.3	74.2	72.1	71.1	70.0	70.0
0.0	0.0	10°	94.4	92.3	91.2	89.1	88.0	85.9	83.8	81.7	79.5
0.0	0.0	12.5°	124.1	119.9	116.7	112.4	108.2	105.0	100.8	97.6	93.3
0.0	0.0	15°	215.3	204.7	193.0	179.3	164.4	150.6	135.8	127.3	117.7
0.0	0.0	17.5°	550.5	495.3	439.1	393.5	347.9	303.3	257.7	224.9	192.0
0.0	0.0	20°	1401.1	1248.4	1095.7	945.1	793.4	642.8	491.1	414.7	338.4
0.0	0.0	22.5°	2636.8	2353.6	2069.4	1794.6	1518.9	1244.2	969.4	796.6	624.7
0.0	0.0	25°	4069.8	3713.4	3357.0	2905.2	2452.3	2000.4	1548.6	1267.5	986.4
0.0	0.0	27.5°	5295.9	4885.4	4474.9	3925.5	3376.1	2826.7	2277.2	1858.3	1440.4
0.0	0.0	30°	6357.6	5916.4	5475.1	4835.6	4196.0	3556.4	2916.8	2392.9	1868.9
0.0	0.0	32.5°	7278.3	6750.1	6221.8	5562.1	4902.4	4242.6	3582.9	2940.2	2297.4
0.0	0.0	35°	8340.0	7723.7	7106.4	6374.6	5641.7	4909.8	4177.9	3452.5	2725.9
0.0	0.0	37.5°	9689.1	8932.9	8175.6	7359.9	6544.3	5729.7	4914.0	4084.6	3255.2
0.0	0.0	40°	12271.9	11296.1	10320.2	9284.0	8246.6	7210.4	6174.1	5155.9	4137.6
0.0	0.0	42.5°	16899.5	15581.1	14262.7	12883.9	11503.9	10125.1	8745.2	7309.0	5871.8
0.0	0.0	45°	22122.2	20486.7	18850.1	17302.6	15754.0	14206.5	12659.0	10688.3	8717.6
0.0	0.0	47.5°	25059.2	23293.2	21527.2	20062.4	18597.7	17132.9	15668.1	13543.6	11419.1
0.0	0.0	50°	26140.0	24342.2	22544.4	21196.3	19847.1	18499.0	17149.8	15022.2	12893.4
0.0	0.0	52.5°	26370.2	24536.3	22702.4	21345.8	19989.2	18633.7	17277.1	15163.2	13049.3
0.0	0.0	55°	26843.2	24875.7	22907.1	21360.7	19814.2	18267.8	16721.3	14573.5	12425.7
0.0	0.0	57.5°	27461.6	25444.2	23426.8	21665.1	19903.3	18142.6	16380.9	14032.6	11684.3
0.0	0.0	60°	27299.3	25543.9	23787.5	21900.6	20012.6	18125.7	16237.7	13655.0	11071.2
0.0	0.0	62.5°	24482.2	23084.3	21685.2	20133.5	18580.7	17028.9	15477.2	12818.1	10159.0
0.0	0.0	65°	20140.9	19120.6	18100.2	16851.8	15602.3	14353.9	13105.5	10721.2	8337.9
0.0	0.0	67.5°	16323.6	15173.8	14023.0	13028.1	12032.2	11037.3	10041.3	8165.0	6288.7
		70°	12968.7	11718.2	10466.6	9495.0	8522.4	7550.9	6579.3	5331.9	4085.7
		72.5°	10299.0	9171.5	8044.1	7007.8	5970.5	4934.2	3896.9	3159.7	2422.6
		75°	4922.5	4471.8	4021.0	3479.0	2937.0	2395.0	1853.0	1531.6	1211.3
		77.5°	1824.3	1581.4	1337.5	1116.9	896.3	676.7	456.1	417.9	379.7
		80°	472.0	411.5	350.0	306.5	262.0	218.5	175.0	158.0	142.1
		82.5°	54.1	49.9	46.7	44.5	41.4	39.2	36.1	32.9	29.7
		85°	3.2	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	61.5	61.5
0.0	0.0	2.5°	57.3	56.2
0.0	0.0	5°	60.5	59.4
0.0	0.0	7.5°	66.8	64.7
0.0	0.0	10°	73.2	71.1
0.0	0.0	12.5°	82.7	79.5
0.0	0.0	15°	93.3	87.0
0.0	0.0	17.5°	111.4	97.6
0.0	0.0	20°	150.6	115.6
0.0	0.0	22.5°	212.1	144.3
0.0	0.0	25°	311.8	199.4
0.0	0.0	27.5°	433.8	265.2
0.0	0.0	30°	577.0	332.0
0.0	0.0	32.5°	703.2	395.6
0.0	0.0	35°	867.6	460.3
0.0	0.0	37.5°	1070.2	543.1
0.0	0.0	40°	1384.2	668.2
0.0	0.0	42.5°	1949.5	899.4
0.0	0.0	45°	3166.1	1554.9
0.0	0.0	47.5°	4871.6	2572.1
0.0	0.0	50°	5959.9	3282.7
0.0	0.0	52.5°	6049.0	3277.4
0.0	0.0	55°	5521.8	2913.6
0.0	0.0	57.5°	4711.5	2435.3
0.0	0.0	60°	3916.0	1926.2
0.0	0.0	62.5°	3085.5	1330.1
0.0	0.0	65°	2255.0	940.8
0.0	0.0	67.5°	1619.6	703.2
		70°	1064.9	538.8
		72.5°	693.7	439.1
		75°	466.7	363.8
		77.5°	272.6	241.8
		80°	96.5	84.9
		82.5°	18.0	12.7
		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: P1049334

CATALOG NUMBER: GALN-SA5B-930-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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

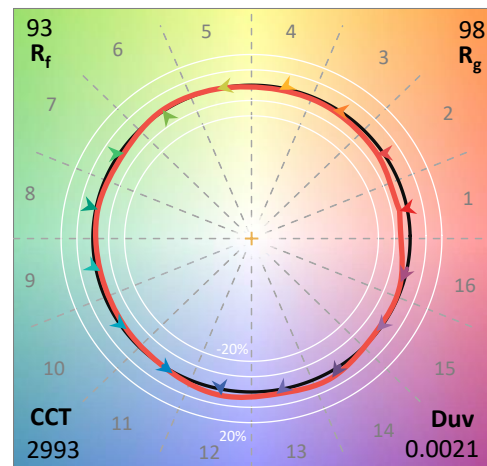
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-14
 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-930-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2993
 CIE u' : 0.2501
 CIE v' : 0.5245
 Duv: 0.0021
 CIE x: 0.4406
 CIE y: 0.4107
 CIE z: 0.1487
 Peak Wavelength (nm): 621
 Dominant Wavelength (nm): 582
 Purity: 55.53327
 R_f: 92.6
 R_g: 98.5

CRI (Ra): 92.4
 R1: 92.2
 R2: 95.2
 R3: 97.0
 R4: 93.1
 R5: 91.7
 R6: 94.2
 R7: 93.3
 R8: 82.3
 R9: 58.2
 R10: 87.7
 R11: 93.5
 R12: 81.7
 R13: 92.9
 R14: 97.6
 R15: 88.1



Test Conditions

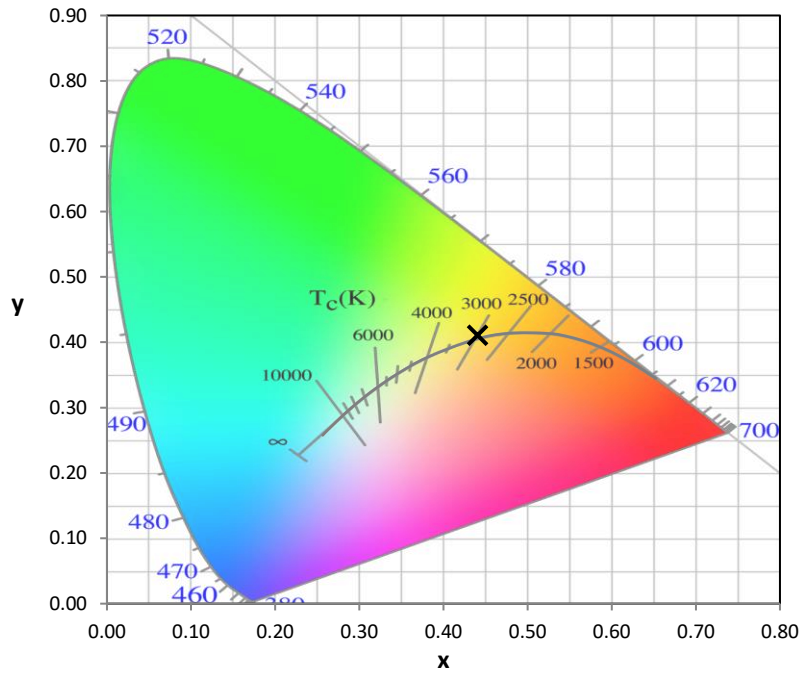
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

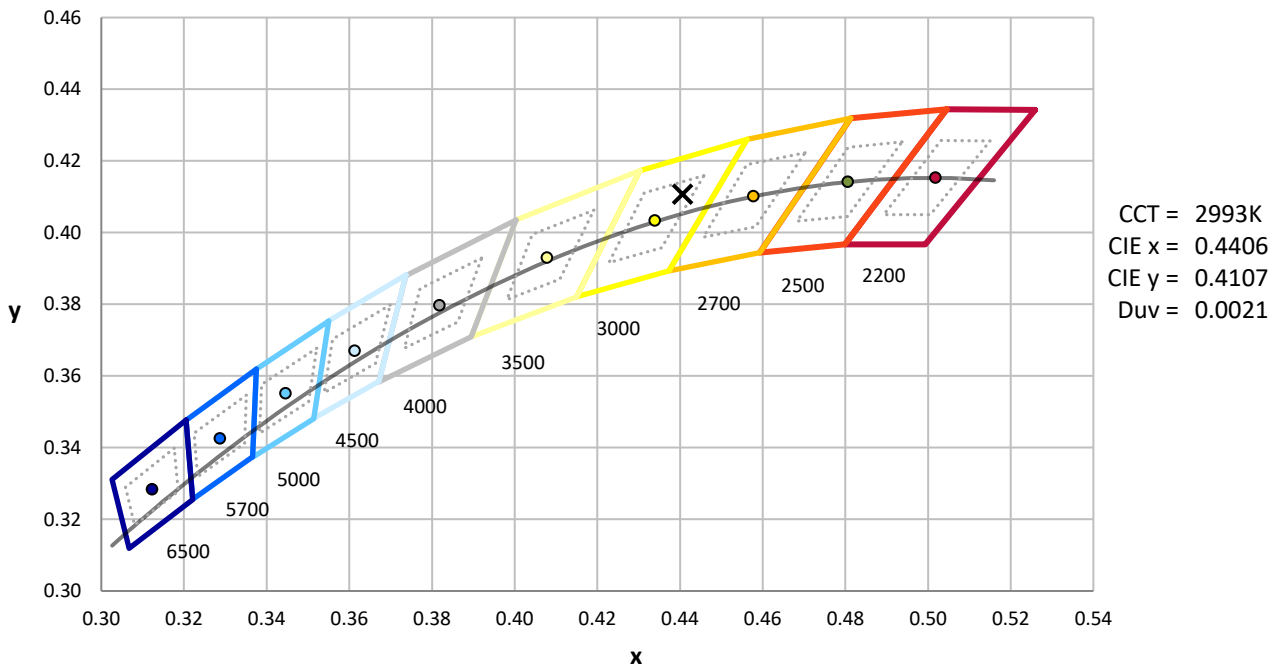
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram

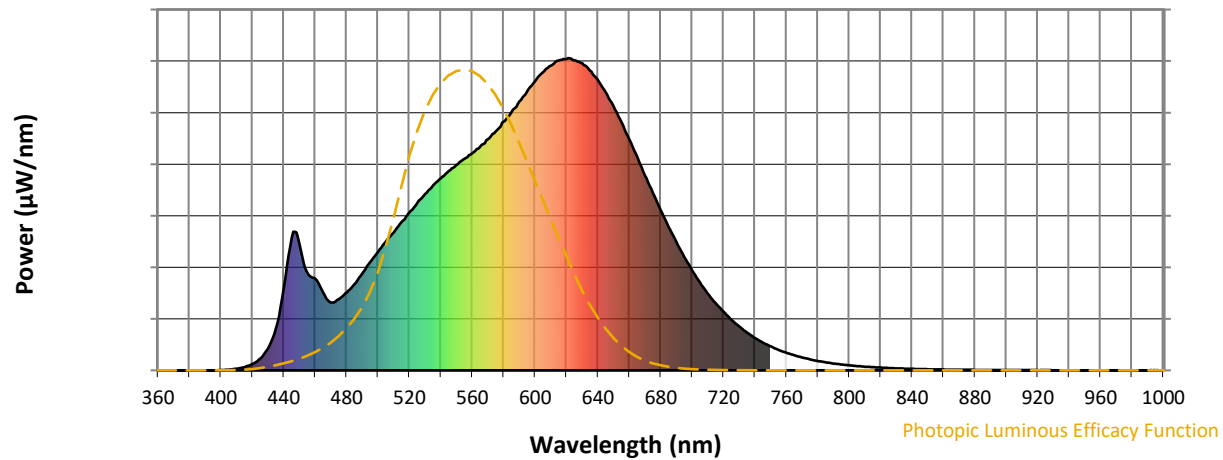


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

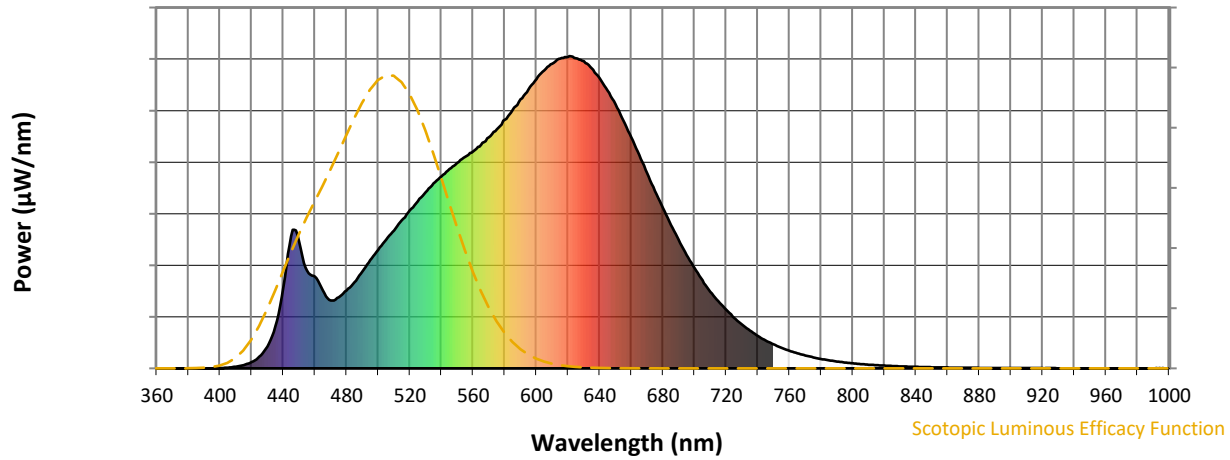
REPORT NUMBER: SP1-2407-184-14

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength



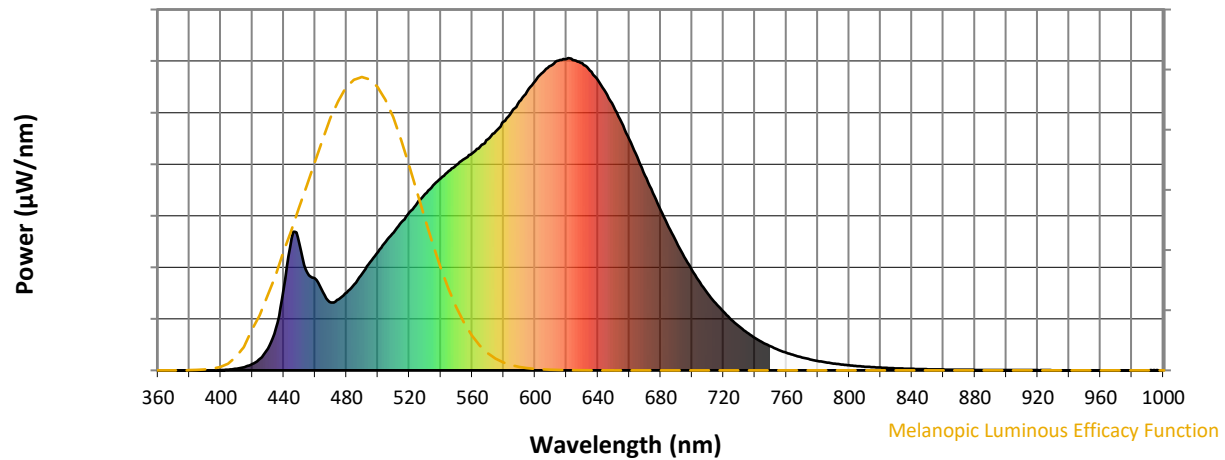
Scotopic Lumens: NR

S/P: 1.39

λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)	λ (nm)	Power W [^] /nm	Lumens (Φ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.69

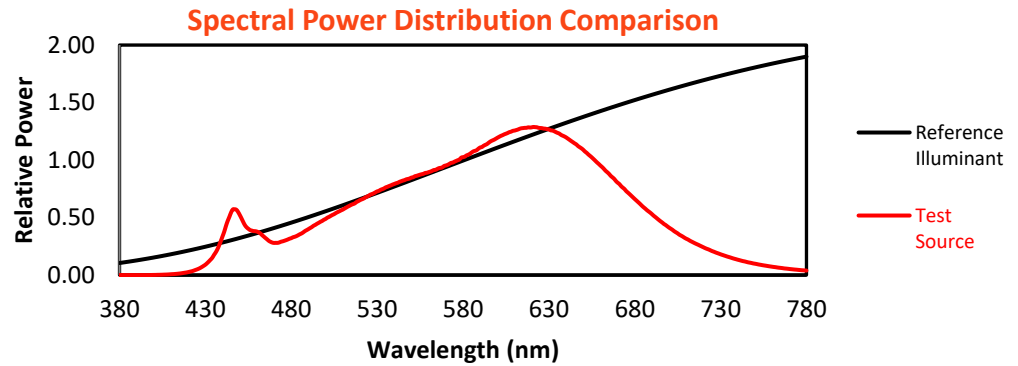
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

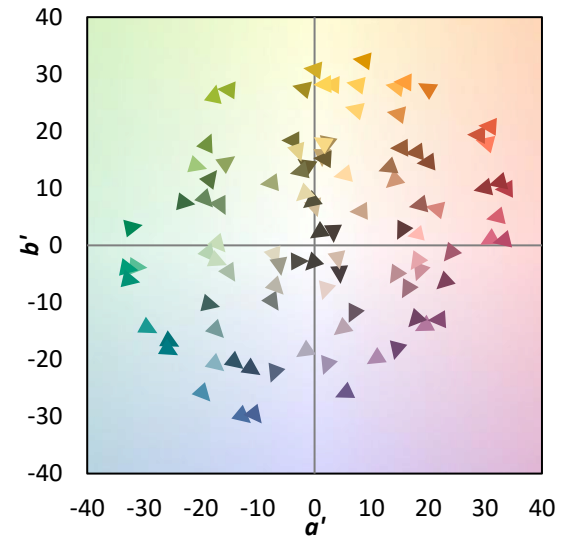
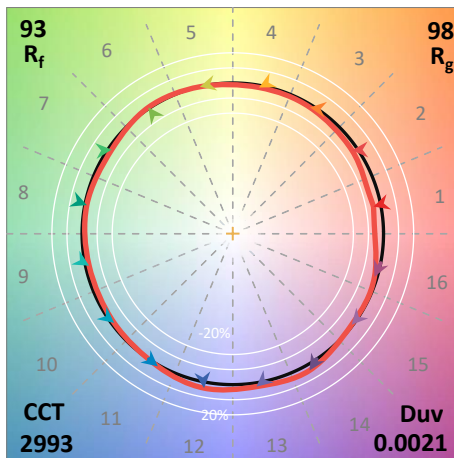
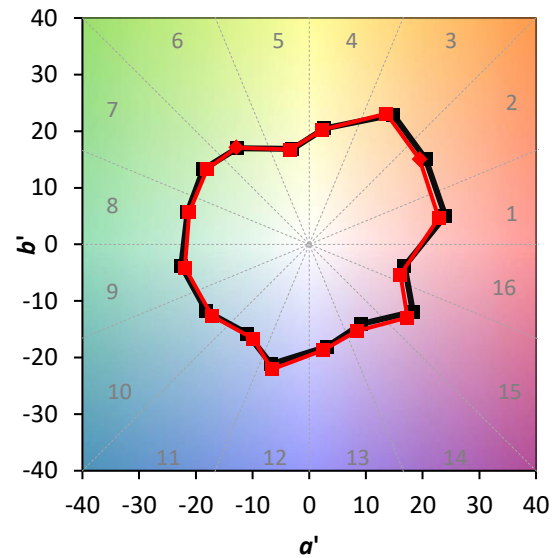
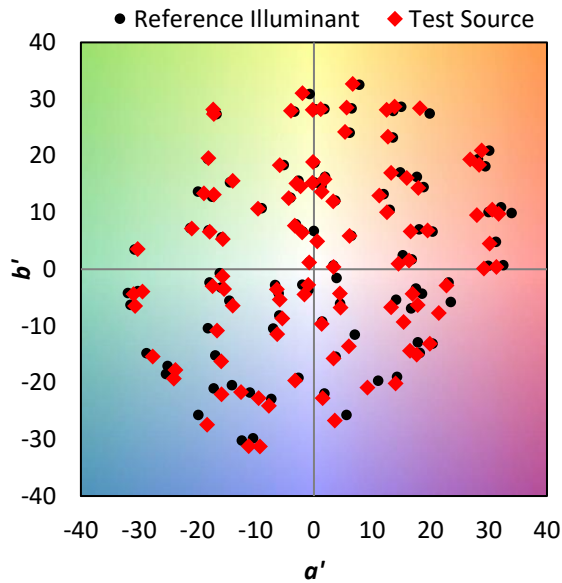
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $\text{CIE } R_a = 92.4$
 $R_9 = 58.2$

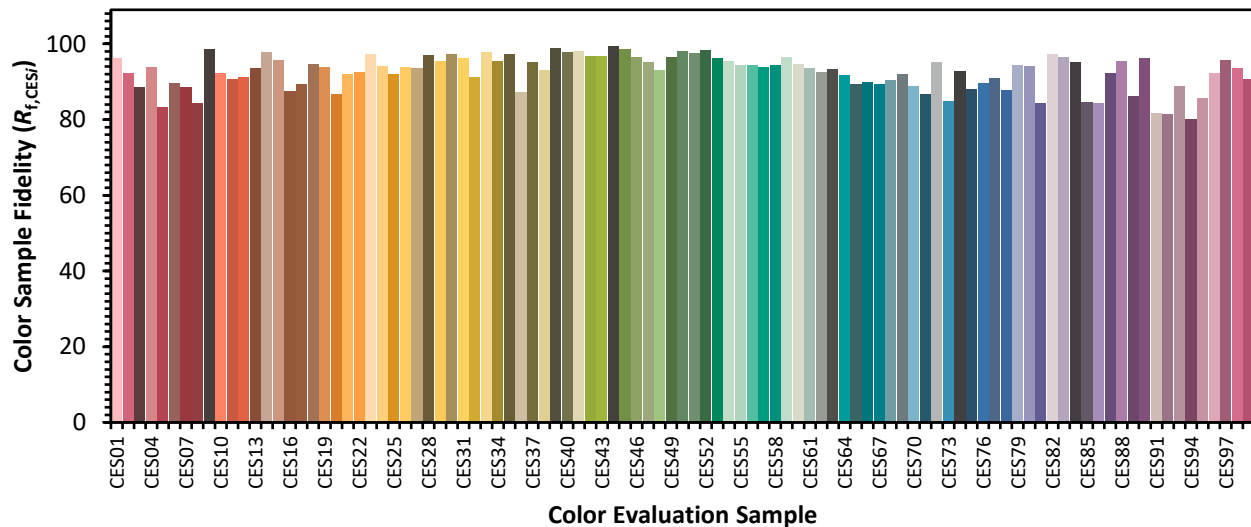


Color Vector Graphics

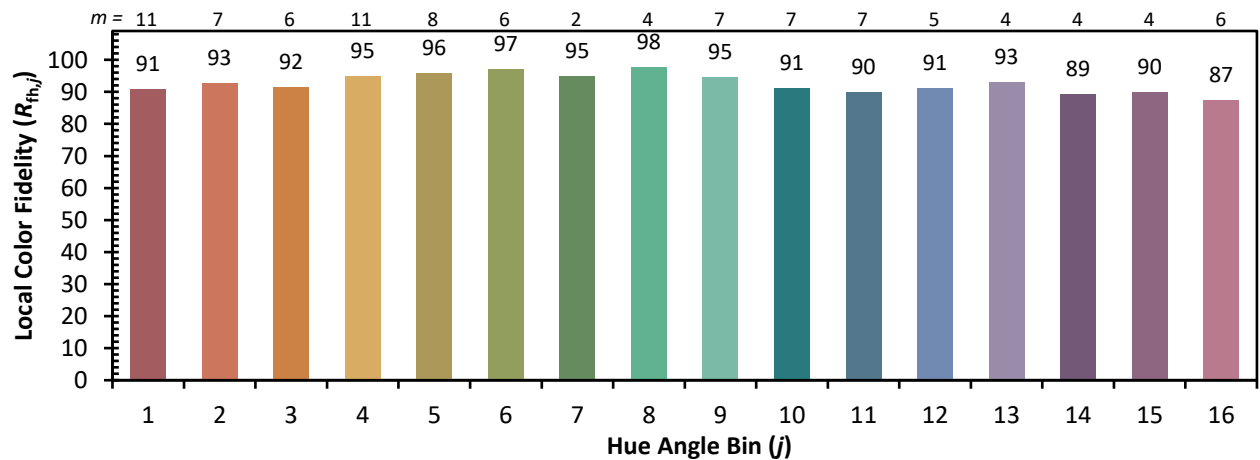
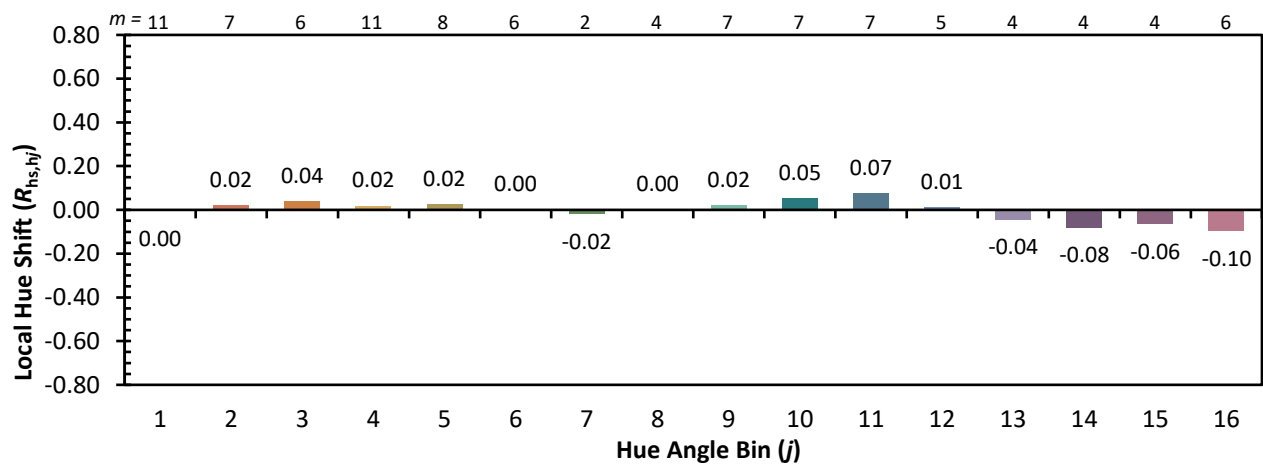
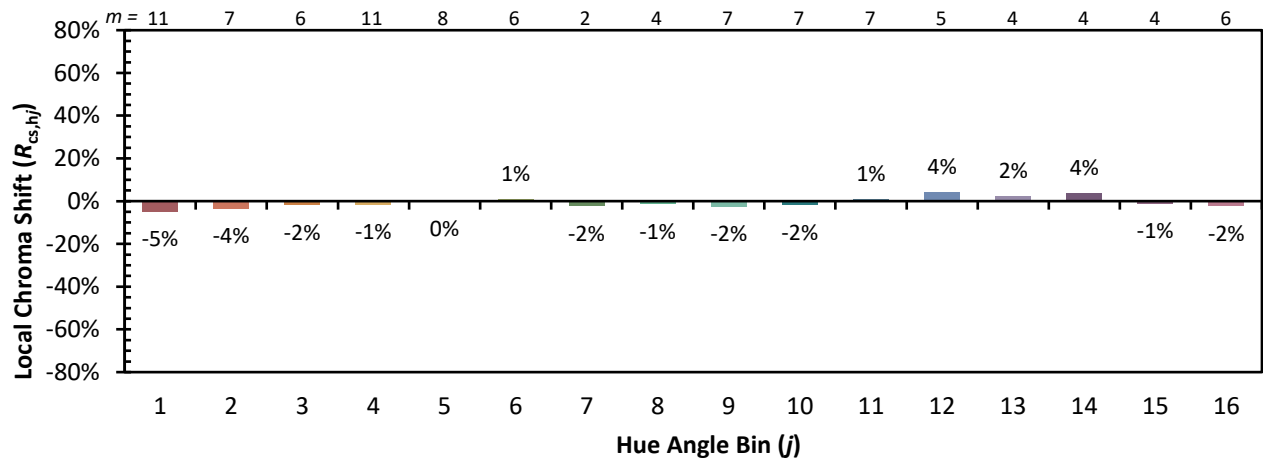


Individual Sample Fidelity Index ($R_{f,i}$)

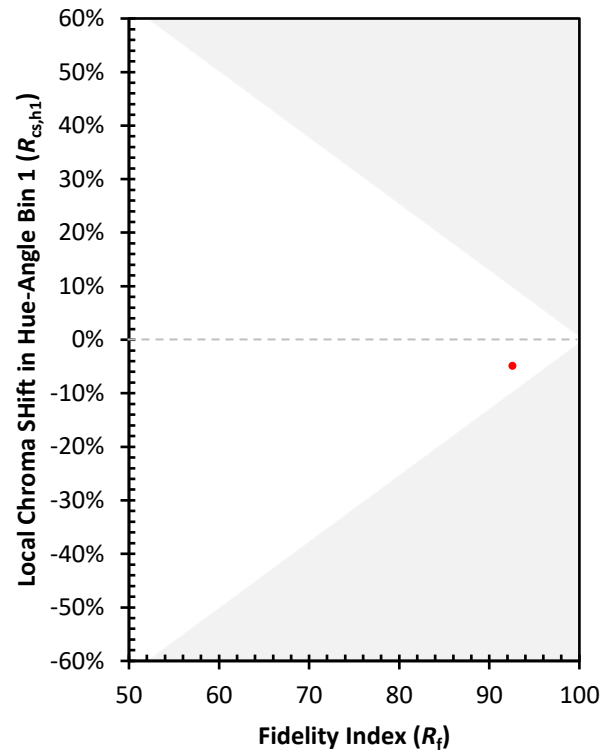
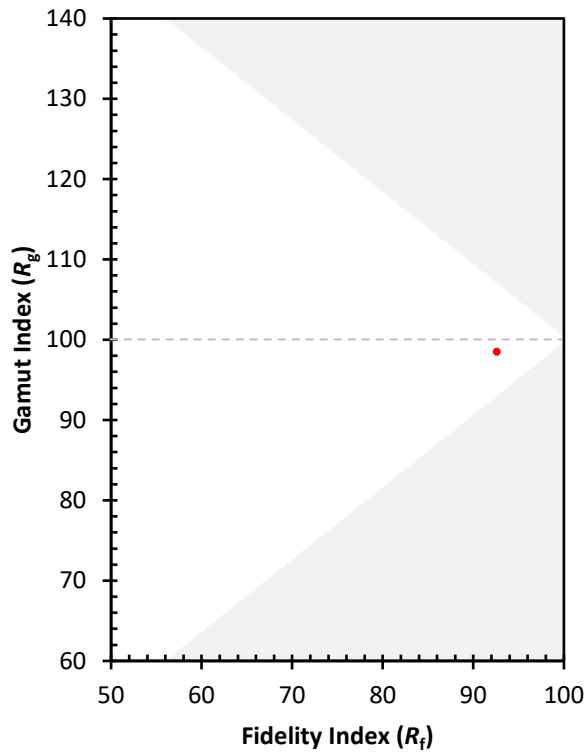
CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)