

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: P1049139

Luminaire Tested: **GALN-SA1C-830-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049139
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-830-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
80CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (14) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4664.3 lumens
Efficiency: N/A
Efficacy: 92.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

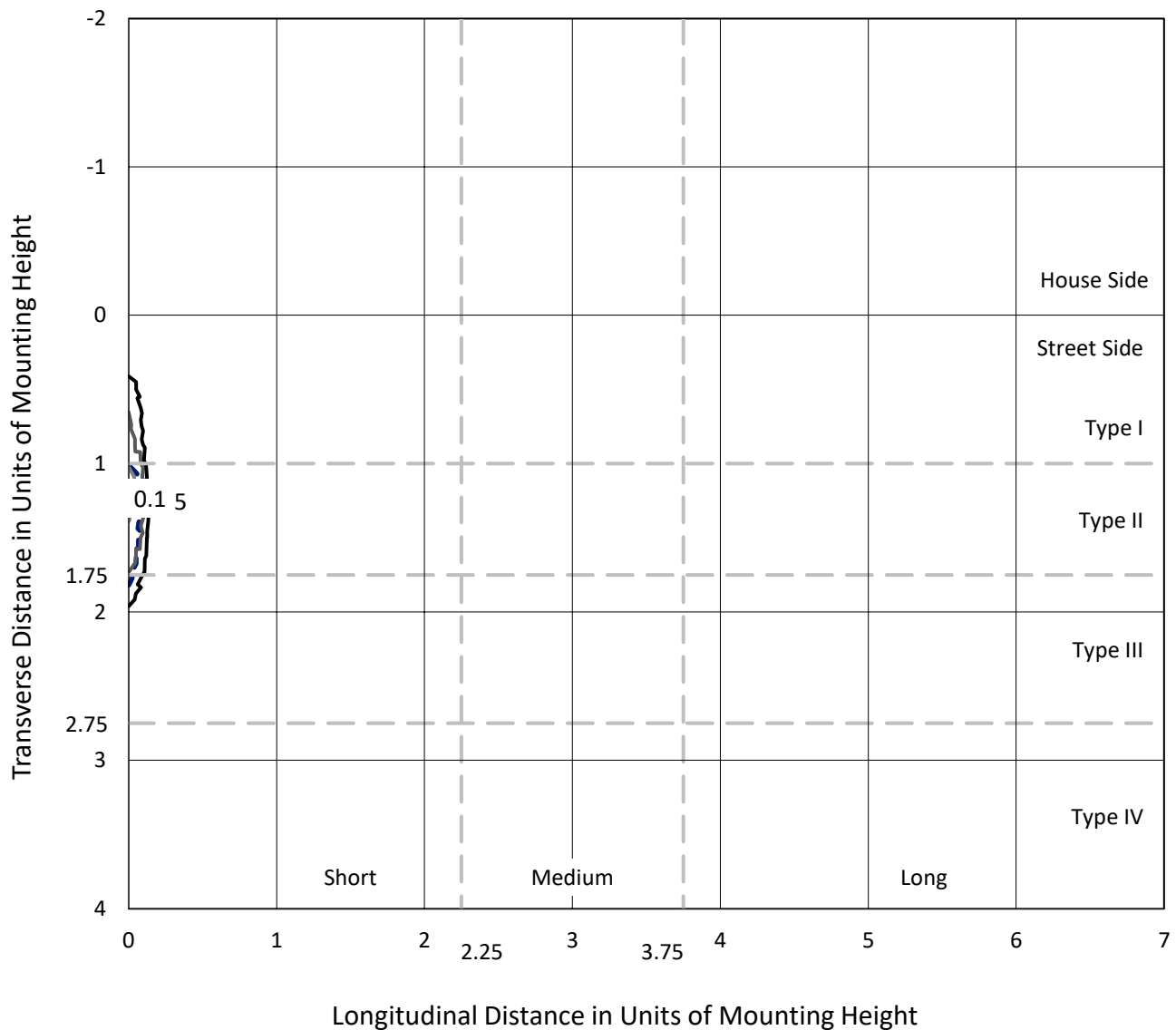
Input Watts (W): 50.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

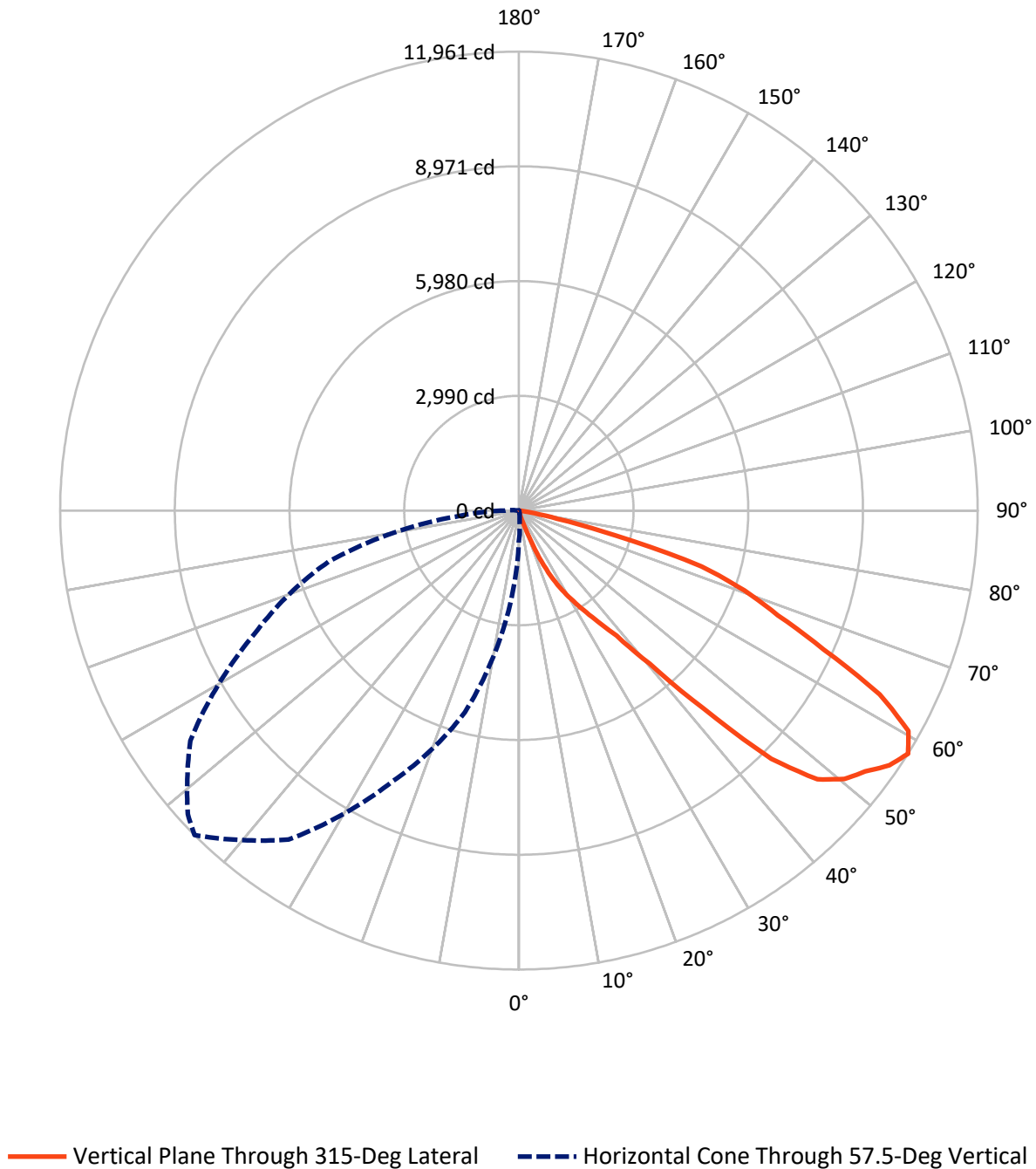
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 0.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	23.4	0.0	23.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	4641.0	0.0	4641.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	4664.3	0.0	4664.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.8	0.0
10°-20°	10.2	0.2
20°-30°	110.5	2.4
30°-40°	326.9	7.0
40°-50°	974.2	20.9
50°-60°	1544.7	33.1
60°-70°	1289.5	27.6
70°-80°	397.6	8.5
80°-90°	8.8	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°	4664.3	100.0
0°-180°	4664.3	100.0



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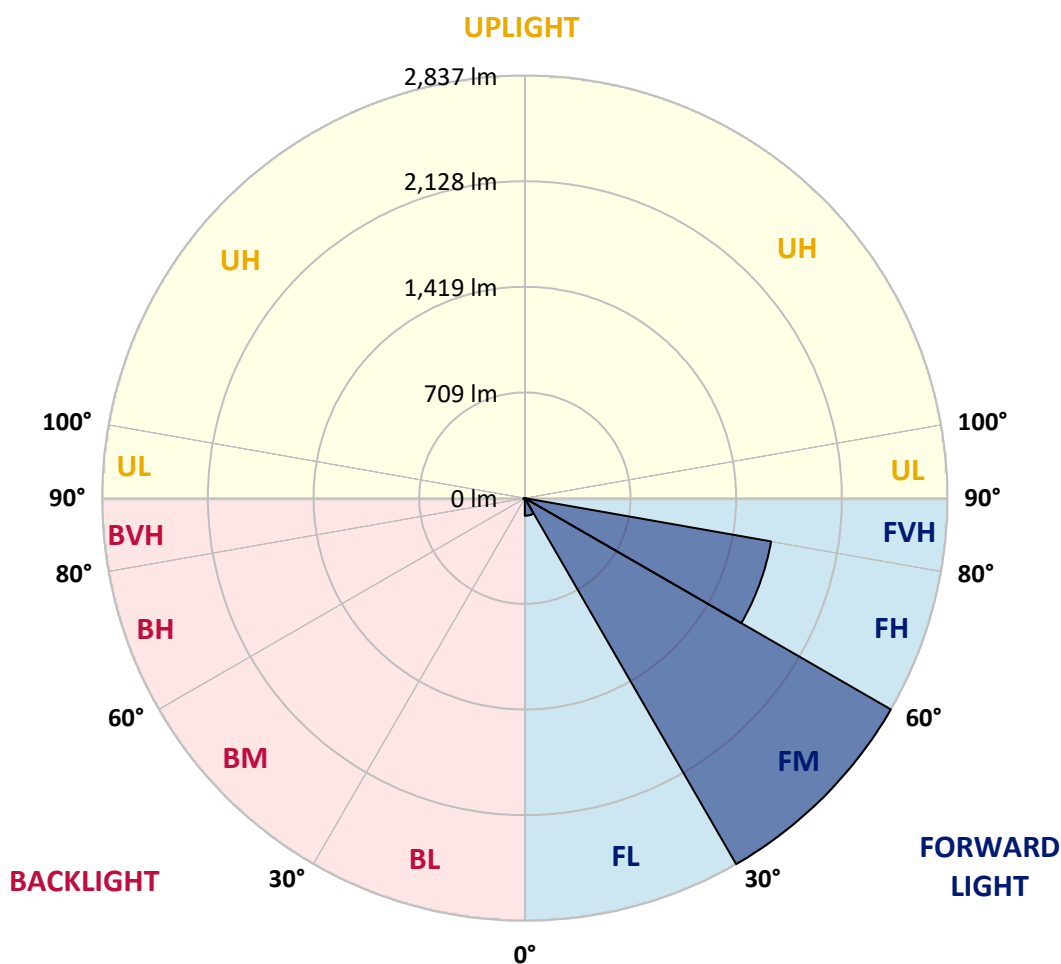
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	118.3	2.5			
FM	(30°-60°)	2837.4	60.8			
FH	(60°-80°)	1678.4	36.0			G1/1800
FVH	(80°-90°)	6.8	0.1			G0/10
BL	(0°-30°)	4.3	0.1	B0/110		
BM	(30°-60°)	8.3	0.2	B0/220		
BH	(60°-80°)	8.7	0.2	B0/110		G0/110
BVH	(80°-90°)	2.0	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-G1

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°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
2.5°	18.7	18.7	18.7	18.7	18.3	18.3	18.0	18.0	17.6	17.6
5°	19.7	19.7	19.4	19.0	19.0	18.7	18.3	18.0	18.0	17.6
7.5°	21.5	21.1	20.8	20.4	19.7	19.4	18.7	18.3	18.0	17.3
10°	23.6	22.9	22.2	21.5	20.8	20.1	19.4	19.0	18.3	18.0
12.5°	26.4	25.4	24.0	22.9	22.2	21.1	20.4	19.7	18.7	18.0
15°	28.9	27.5	25.7	24.3	23.3	21.9	20.8	19.7	19.0	18.0
17.5°	32.4	30.0	27.1	25.4	24.0	22.2	20.4	19.4	18.3	16.9
20°	38.4	33.5	28.2	26.1	24.0	21.9	19.7	18.3	17.3	15.9
22.5°	47.9	39.5	31.0	27.8	25.0	21.9	19.0	17.6	16.2	14.8
25°	66.3	51.1	36.0	31.7	27.5	23.3	19.0	17.3	15.9	14.1
27.5°	88.1	65.6	42.7	36.7	31.0	25.0	19.0	16.9	15.2	13.0
30°	110.3	80.4	50.1	42.3	34.5	26.8	19.0	16.6	14.5	12.0
32.5°	131.5	94.1	56.4	47.2	38.1	28.6	19.4	16.6	13.7	10.9
35°	153.0	105.4	57.5	47.9	38.4	28.6	19.0	15.9	13.0	9.9
37.5°	180.5	118.1	55.3	45.8	36.7	27.1	18.0	15.2	12.3	9.2
40°	222.1	139.2	56.4	46.5	36.7	26.8	16.9	14.1	11.6	8.8
42.5°	298.9	180.1	61.0	49.7	38.4	26.8	15.5	13.0	10.9	8.5
45°	516.7	299.3	81.8	64.9	47.9	31.0	14.1	12.0	10.2	8.1
47.5°	854.8	500.9	147.0	113.5	80.4	46.9	13.7	12.0	10.2	8.1
50°	1090.9	638.0	185.1	142.4	99.8	57.1	14.5	12.3	10.6	8.5
52.5°	1089.2	647.9	206.2	158.3	110.7	62.7	15.2	13.0	11.3	9.2
55°	968.3	589.3	210.1	161.4	113.1	64.5	16.2	14.1	12.0	9.9
57.5°	809.3	500.5	191.7	148.4	105.4	62.0	18.7	16.2	14.1	11.6
60°	640.1	394.8	149.5	118.1	87.1	55.7	24.7	21.5	18.7	15.5
62.5°	442.0	286.2	130.4	104.7	79.3	53.6	28.2	25.0	22.2	19.0
65°	312.6	215.4	117.7	95.9	74.4	52.5	30.7	27.1	24.0	20.4
67.5°	233.7	171.3	108.6	89.9	71.2	52.5	33.8	29.6	25.7	21.5
70°	179.1	140.6	101.9	86.7	71.9	56.7	41.6	35.6	30.0	24.0
72.5°	145.9	120.2	94.1	83.2	72.3	61.3	50.4	42.7	34.9	26.8
75°	120.9	102.9	84.9	75.8	67.0	57.8	48.6	41.6	34.9	27.8
77.5°	80.4	73.3	65.9	60.6	55.3	49.7	44.4	38.4	32.8	26.8
80°	28.2	27.1	26.1	28.2	30.3	32.4	34.5	30.3	26.4	22.2
82.5°	4.2	3.9	3.5	3.9	4.2	4.6	4.9	5.3	5.6	6.0
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):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
0.0	2.5°	17.3	17.3	16.9	16.9	16.9	16.6	16.6	16.2	16.2	16.2
0.0	5°	16.9	16.9	16.6	16.2	15.9	15.9	15.5	15.2	15.2	14.8
0.0	7.5°	16.6	16.2	15.9	15.5	15.2	14.8	14.5	14.1	14.1	13.7
0.0	10°	16.9	16.2	15.9	15.2	14.8	14.5	13.7	13.4	13.0	13.0
0.0	12.5°	16.2	15.9	15.2	14.5	14.1	13.4	13.0	12.3	12.0	12.0
0.0	15°	16.2	15.5	14.5	13.7	13.0	12.7	12.0	11.3	10.9	10.6
0.0	17.5°	15.2	14.5	13.4	12.7	12.0	11.3	10.6	9.9	9.5	9.2
0.0	20°	13.7	13.0	12.0	10.9	10.2	9.5	8.8	8.1	7.8	7.4
0.0	22.5°	12.3	11.6	10.6	9.5	8.8	8.1	7.0	6.3	6.0	5.3
0.0	25°	11.6	10.6	9.5	8.5	7.4	6.7	5.6	4.6	3.9	3.2
0.0	27.5°	9.9	8.8	7.8	6.7	5.6	4.6	3.5	2.5	1.8	1.4
0.0	30°	8.5	7.4	6.3	5.3	3.9	2.8	1.8	0.4	0.4	0.4
0.0	32.5°	7.0	6.0	4.6	3.5	2.8	1.8	1.1	0.0	0.0	0.0
0.0	35°	5.6	4.6	3.2	2.1	1.8	1.1	0.7	0.0	0.0	0.0
0.0	37.5°	4.9	3.9	2.5	1.1	0.7	0.7	0.4	0.0	0.0	0.0
0.0	40°	4.6	3.2	1.8	0.4	0.4	0.4	0.0	0.0	0.0	0.0
0.0	42.5°	4.6	3.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	4.6	3.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	4.6	3.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	4.9	3.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	5.6	4.2	2.8	1.4	1.1	0.7	0.4	0.0	0.0	0.0
0.0	55°	7.0	6.3	5.3	4.6	3.5	2.5	1.1	0.0	0.0	0.0
0.0	57.5°	9.2	9.2	8.8	8.5	6.3	4.2	2.1	0.0	0.0	0.0
0.0	60°	12.3	12.3	12.3	12.3	9.2	6.3	3.2	0.0	0.0	0.0
0.0	62.5°	15.2	14.5	13.4	12.7	9.5	6.3	3.2	0.0	0.0	0.0
0.0	65°	15.2	13.7	12.0	10.2	7.8	5.3	2.5	0.0	0.0	0.0
0.0	67.5°	14.1	11.3	8.1	5.3	3.9	2.8	1.4	0.0	0.0	0.0
	70°	14.1	9.9	5.6	1.4	1.1	0.7	0.4	0.0	0.0	0.0
	72.5°	14.1	9.5	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	15.5	10.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	15.5	10.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	13.7	9.2	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	4.6	3.2	1.4	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°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
0.0	2.5°	15.9	15.9	15.9	15.5	15.5	15.5	15.5	15.2	15.2	15.2
0.0	5°	14.5	14.5	14.1	14.1	13.7	13.7	13.4	13.4	13.0	13.0
0.0	7.5°	13.4	13.0	13.0	12.7	12.3	12.3	12.0	12.0	11.6	11.3
0.0	10°	12.3	12.0	12.0	11.6	11.3	10.9	10.9	10.6	10.2	9.9
0.0	12.5°	11.3	10.9	10.6	10.2	9.9	9.5	9.5	9.2	8.8	8.5
0.0	15°	9.9	9.5	9.2	8.8	8.5	8.1	8.1	7.8	7.4	7.0
0.0	17.5°	8.5	8.1	8.1	7.8	7.4	7.0	6.7	6.0	5.6	5.3
0.0	20°	6.3	6.0	5.6	5.3	4.9	4.2	3.9	3.2	2.5	2.1
0.0	22.5°	4.2	3.5	3.2	2.5	1.8	1.4	1.1	0.4	0.0	0.0
0.0	25°	1.4	1.1	0.7	0.4	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: P1049139

CATALOG NUMBER: GALN-SA1C-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049139

CATALOG NUMBER: GALN-SA1C-830-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
0.0	2.5°	14.8	14.8	14.8	14.5	14.5	14.5	14.5	14.5	14.5	14.5
0.0	5°	12.7	12.7	12.7	12.3	12.3	12.0	12.0	12.0	11.6	11.6
0.0	7.5°	10.9	10.6	10.6	10.2	10.2	9.9	9.9	9.9	9.5	9.5
0.0	10°	9.2	8.8	8.8	8.5	8.5	8.1	8.1	7.8	7.8	7.4
0.0	12.5°	8.1	7.8	7.4	7.0	7.0	6.7	6.3	6.3	6.0	5.6
0.0	15°	6.3	6.0	5.6	5.3	4.9	4.6	4.2	4.2	3.9	3.5
0.0	17.5°	4.2	3.5	3.2	2.8	2.8	2.5	2.1	1.8	1.4	1.1
0.0	20°	1.1	0.7	0.4	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



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049139

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CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
0.0	2.5°	14.5	14.1	14.1	14.1	14.5	14.5	14.5	14.5	14.5	14.5
0.0	5°	11.6	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
0.0	7.5°	9.5	9.2	9.2	9.2	9.2	8.8	8.8	8.8	8.8	8.8
0.0	10°	7.4	7.0	7.0	7.0	7.0	6.7	6.7	6.7	6.7	6.7
0.0	12.5°	5.3	5.3	4.9	4.9	4.9	4.6	4.6	4.6	4.6	4.2
0.0	15°	3.2	2.8	2.5	2.5	2.5	2.1	2.1	2.1	2.1	1.8
0.0	17.5°	0.7	0.7	0.4	0.4	0.4	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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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049139

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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°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
0.0	2.5°	14.8	14.8	15.2	15.2	15.5	16.2	16.6	16.9	17.6	18.3
0.0	5°	11.6	12.0	12.0	12.3	12.7	13.0	13.4	13.7	14.5	15.2
0.0	7.5°	9.2	9.2	9.5	9.5	9.9	10.6	10.9	11.3	12.0	13.0
0.0	10°	7.0	7.0	7.4	7.4	7.8	8.5	8.8	9.2	9.9	10.9
0.0	12.5°	4.6	4.9	4.9	5.3	5.6	6.3	6.7	7.0	7.8	8.5
0.0	15°	2.1	2.5	2.5	2.8	3.2	3.9	4.2	4.6	5.3	6.3
0.0	17.5°	0.4	0.4	0.7	0.7	1.1	1.4	1.8	2.1	3.2	3.9
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.4
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
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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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
0.0	2.5°	19.4	20.1	20.8	21.5	22.2	22.9	23.3	24.0	24.3	24.7
0.0	5°	16.6	17.3	18.3	19.0	19.7	20.4	21.1	21.5	21.9	22.2
0.0	7.5°	14.5	15.2	16.2	16.9	17.6	18.3	19.0	19.7	20.1	20.4
0.0	10°	12.3	13.4	14.1	15.2	15.9	16.6	17.3	18.0	18.7	19.0
0.0	12.5°	9.9	10.9	12.0	12.7	13.7	14.8	15.5	16.2	16.9	17.6
0.0	15°	7.8	8.8	9.9	10.6	11.6	12.7	13.7	14.5	15.2	15.9
0.0	17.5°	5.6	6.7	7.8	8.5	9.5	10.6	11.3	12.3	13.0	13.7
0.0	20°	2.8	3.9	4.9	6.0	7.0	8.1	8.8	9.9	10.6	11.3
0.0	22.5°	0.4	1.4	2.5	3.2	4.2	5.3	6.0	7.0	7.8	8.5
0.0	25°	0.0	0.4	1.1	1.4	1.8	2.5	3.2	3.9	4.6	5.3
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.4	2.1	2.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
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	0.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.7
	85°	0.0	0.0	0.0	0.0	0.0	0.7	1.1	1.8	2.1	2.5
	87.5°	0.0	0.4	0.7	1.1	1.4	2.1	2.8	3.5	3.9	4.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049139

CATALOG NUMBER: GALN-SA1C-830-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
20.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.1	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
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0.0											
0.0											
0.0											
0.4											
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3.2											
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REPORT NUMBER: P1049139

CATALOG NUMBER: GALN-SA1C-830-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
0.0	2.5°	25.0	25.0	25.0	25.0	24.7	24.7	24.7	24.3	24.3	24.0
0.0	5°	22.9	23.3	23.3	23.3	23.3	23.3	23.3	23.3	22.9	22.9
0.0	7.5°	21.1	21.5	21.9	21.9	22.2	22.2	22.2	21.9	21.9	21.5
0.0	10°	20.1	20.4	20.4	20.8	20.8	20.8	20.8	20.8	20.8	20.8
0.0	12.5°	18.7	19.0	19.4	19.4	19.7	19.7	19.7	19.7	19.4	19.4
0.0	15°	16.9	17.6	18.0	18.3	18.3	18.7	18.7	18.7	18.7	18.7
0.0	17.5°	15.5	16.2	16.6	16.9	16.9	17.3	17.3	17.6	17.6	17.6
0.0	20°	12.7	13.4	13.7	14.5	14.8	15.2	15.5	15.9	15.9	16.2
0.0	22.5°	9.9	10.6	10.9	11.6	12.0	12.3	12.7	13.0	13.4	13.7
0.0	25°	7.0	7.8	8.1	8.8	9.2	9.5	9.9	10.2	10.2	10.6
0.0	27.5°	3.9	4.6	5.3	5.6	6.3	6.7	7.0	7.4	7.8	8.1
0.0	30°	1.8	2.1	2.5	3.2	3.5	3.9	4.2	4.9	5.3	5.6
0.0	32.5°	0.0	0.0	0.4	1.1	1.4	1.8	2.1	2.5	2.5	2.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.1	1.4
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°	0.7	0.7	0.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1
	82.5°	1.8	2.1	2.5	2.5	2.8	2.8	2.8	2.8	2.5	2.5
	85°	3.5	3.9	4.2	4.2	4.6	4.6	4.6	4.6	4.6	4.6
	87.5°	4.9	5.3	5.6	5.6	6.0	6.0	6.0	6.0	6.0	6.0
	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: P1049139

CATALOG NUMBER: GALN-SA1C-830-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
20.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
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REPORT NUMBER: P1049139

CATALOG NUMBER: GALN-SA1C-830-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°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
0.0	2.5°	23.6	23.6	23.3	23.3	23.3	23.3	23.3	23.6	24.0	24.0
0.0	5°	22.6	22.6	22.2	22.2	22.2	22.6	22.6	22.9	23.3	23.6
0.0	7.5°	21.5	21.1	21.1	21.5	21.5	21.9	21.9	22.2	22.6	22.9
0.0	10°	20.8	20.4	20.4	20.4	20.8	20.8	21.1	21.5	21.9	22.2
0.0	12.5°	19.4	19.4	19.4	19.4	19.7	19.7	20.1	20.4	21.1	21.5
0.0	15°	18.7	18.3	18.3	18.3	18.3	18.7	18.7	19.4	20.1	20.4
0.0	17.5°	17.3	17.3	16.9	16.9	17.3	17.3	17.6	18.3	19.0	19.4
0.0	20°	15.9	15.5	15.2	15.2	15.5	15.5	15.9	16.6	17.3	17.6
0.0	22.5°	13.7	13.4	13.4	13.4	13.4	13.7	13.7	14.5	15.5	16.2
0.0	25°	10.9	11.3	11.3	11.6	11.6	12.0	12.3	13.0	14.1	14.8
0.0	27.5°	8.5	8.8	8.8	9.5	9.9	10.2	10.6	11.6	12.7	13.4
0.0	30°	6.3	6.7	7.0	7.4	8.1	8.8	9.5	10.6	11.6	12.3
0.0	32.5°	3.9	4.6	4.9	5.6	6.3	7.0	7.8	8.8	10.2	11.3
0.0	35°	2.8	3.2	3.9	4.2	4.9	5.6	6.3	7.8	8.8	10.2
0.0	37.5°	1.4	2.1	2.8	3.5	4.2	4.9	5.6	7.0	8.5	9.5
0.0	40°	1.1	1.8	2.1	2.8	3.9	4.6	5.3	6.7	8.1	9.5
0.0	42.5°	0.7	1.1	1.4	2.5	3.2	4.2	5.3	6.7	8.1	9.5
0.0	45°	0.7	0.7	1.1	2.1	3.2	4.6	5.6	7.0	8.1	9.5
0.0	47.5°	0.7	1.1	1.4	2.8	3.5	4.6	5.6	6.7	8.1	9.2
0.0	50°	1.1	1.4	1.8	3.2	3.9	4.9	5.6	7.0	8.1	9.5
0.0	52.5°	0.7	1.1	1.4	2.8	3.9	5.3	6.3	7.8	9.2	10.2
0.0	55°	0.4	0.4	0.4	2.1	4.2	6.0	8.1	9.2	10.6	11.6
0.0	57.5°	0.0	0.0	0.0	1.4	4.2	6.7	9.2	10.6	12.0	13.0
0.0	60°	0.0	0.0	0.0	1.4	4.2	6.7	9.2	10.9	12.7	14.5
0.0	62.5°	0.0	0.0	0.0	1.4	3.5	5.6	7.8	10.6	13.7	16.6
0.0	65°	0.0	0.0	0.0	1.1	2.8	4.6	6.3	10.6	14.8	18.7
0.0	67.5°	0.0	0.0	0.0	1.1	2.8	4.2	6.0	10.6	14.8	19.4
	70°	0.0	0.0	0.0	1.1	2.8	4.6	6.3	10.6	14.8	19.0
	72.5°	0.0	0.0	0.0	1.1	3.2	4.9	7.0	10.6	14.1	17.6
	75°	0.0	0.0	0.0	1.4	3.2	5.3	7.4	10.6	13.7	16.6
	77.5°	0.0	0.0	0.0	1.1	3.2	4.9	7.0	10.2	13.4	16.2
	80°	1.1	0.7	0.7	1.8	3.2	4.6	6.0	9.2	12.7	15.9
	82.5°	2.1	2.1	1.8	2.5	3.2	4.2	5.3	8.1	11.3	14.1
	85°	4.2	4.2	3.9	4.2	4.2	4.6	4.9	6.3	7.8	9.2
	87.5°	5.6	5.6	5.3	5.3	5.3	4.9	4.9	4.9	4.9	4.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049139

CATALOG NUMBER: GALN-SA1C-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049139

CATALOG NUMBER: GALN-SA1C-830-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
0.0	2.5°	24.7	25.0	25.0	25.4	25.7	26.1	26.1	26.4	26.4	26.4
0.0	5°	24.3	25.0	25.4	25.7	26.1	26.4	26.8	27.1	27.5	27.5
0.0	7.5°	24.0	24.3	25.0	25.4	26.1	26.4	27.1	27.5	27.8	28.2
0.0	10°	23.3	24.0	24.7	25.4	26.1	26.8	27.5	28.2	28.9	29.3
0.0	12.5°	22.6	23.6	24.3	25.0	26.1	27.1	27.8	28.9	29.6	30.3
0.0	15°	22.2	22.9	24.0	24.7	26.1	27.5	28.6	30.0	31.4	32.4
0.0	17.5°	21.1	22.6	23.6	24.7	26.1	27.8	29.3	30.7	32.8	34.9
0.0	20°	19.7	20.8	22.2	23.3	25.4	27.1	29.3	31.0	34.2	37.4
0.0	22.5°	18.3	19.7	20.8	22.2	24.7	26.8	29.3	31.4	36.7	41.6
0.0	25°	16.9	18.7	20.1	21.5	24.3	27.1	30.0	32.8	41.6	50.4
0.0	27.5°	16.2	17.6	19.4	20.8	24.3	28.2	31.7	35.2	49.3	63.1
0.0	30°	15.2	16.9	18.3	20.1	24.7	29.3	33.8	38.4	59.9	81.4
0.0	32.5°	14.1	15.9	17.6	19.4	25.4	31.4	37.0	43.0	71.2	99.0
0.0	35°	13.0	15.2	16.9	18.7	26.4	34.5	42.3	50.1	81.4	112.4
0.0	37.5°	12.7	14.8	16.6	18.3	26.8	34.9	43.4	51.5	82.5	113.5
0.0	40°	13.0	14.8	16.9	18.7	25.7	32.8	39.5	46.5	79.0	111.0
0.0	42.5°	13.0	15.2	17.3	19.4	25.0	30.7	36.3	41.9	77.9	113.9
0.0	45°	12.7	14.8	16.9	19.0	24.3	29.3	34.5	39.5	84.2	128.7
0.0	47.5°	12.3	14.5	16.6	18.7	24.0	29.3	34.5	39.8	108.9	177.6
0.0	50°	12.3	14.5	16.2	18.0	24.3	31.0	37.4	43.7	158.6	273.2
0.0	52.5°	13.0	14.8	16.2	17.6	25.0	32.8	40.2	47.6	201.6	355.3
0.0	55°	14.1	15.2	16.6	17.6	26.8	35.6	44.8	53.6	214.7	375.7
0.0	57.5°	15.5	16.6	17.6	18.7	30.0	41.2	52.2	63.4	215.7	367.6
0.0	60°	17.3	18.7	19.7	20.8	32.8	45.1	57.1	69.1	195.3	321.1
0.0	62.5°	21.1	22.9	24.3	26.1	37.7	49.0	60.6	71.9	162.1	252.4
0.0	65°	24.3	25.7	27.1	28.6	39.8	51.5	62.7	74.0	137.5	200.9
0.0	67.5°	25.0	26.4	27.5	28.9	40.5	52.2	63.4	75.1	117.7	160.0
	70°	25.4	27.1	29.3	31.0	43.0	55.0	66.6	78.6	104.3	130.1
	72.5°	24.3	27.8	31.0	34.2	45.5	56.4	67.7	78.6	96.9	115.3
	75°	24.3	29.3	33.8	38.4	46.9	55.0	63.4	71.6	85.7	99.8
	77.5°	25.7	32.1	38.4	44.8	49.7	54.3	59.2	63.8	73.0	82.1
	80°	25.7	32.4	38.8	45.5	47.6	50.1	52.2	54.3	55.3	56.4
	82.5°	22.2	27.5	32.8	38.1	35.6	33.1	30.7	28.2	26.4	24.3
	85°	11.3	12.3	13.0	13.7	12.7	11.6	10.6	9.5	8.8	7.8
	87.5°	4.6	4.6	4.2	4.2	4.2	4.2	3.9	3.9	3.9	3.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049139

CATALOG NUMBER: GALN-SA1C-830-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
20.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
218.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
236.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
271.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
342.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
521.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
799.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1006.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1028.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
928.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
793.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
620.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
468.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
346.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
245.0											
182.2											
132.5											
99.8											
56.0											
25.4											
7.4											
3.5											
0.0											
0.0											
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REPORT NUMBER: P1049139

CATALOG NUMBER: GALN-SA1C-830-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°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
0.0	2.5°	26.4	26.1	26.1	25.7	25.4	25.0	24.7	24.3	24.0	23.6
0.0	5°	27.5	27.5	27.5	27.1	27.1	26.8	26.8	26.4	26.1	25.7
0.0	7.5°	28.6	28.9	28.9	29.3	29.3	29.3	29.3	28.9	28.9	28.9
0.0	10°	30.3	30.7	31.0	31.4	31.7	32.1	32.1	32.4	32.4	32.4
0.0	12.5°	32.4	33.5	34.2	35.2	36.0	37.0	37.7	38.8	39.5	40.2
0.0	15°	35.6	37.4	39.5	41.2	43.0	45.5	48.3	50.8	53.2	57.1
0.0	17.5°	40.2	45.8	51.5	56.7	62.4	74.7	87.1	99.0	111.4	129.4
0.0	20°	49.0	65.9	82.5	99.4	116.0	159.3	202.3	245.7	288.7	334.9
0.0	22.5°	68.7	110.3	151.9	193.5	235.1	325.7	415.9	506.5	596.7	702.8
0.0	25°	99.8	176.2	252.7	328.9	405.4	547.0	689.1	830.8	972.5	1110.3
0.0	27.5°	145.2	262.2	379.3	495.9	613.0	805.1	997.5	1189.6	1381.7	1537.5
0.0	30°	201.3	359.9	518.5	677.1	835.7	1054.3	1272.8	1491.0	1709.5	1879.8
0.0	32.5°	254.1	448.4	642.6	836.4	1030.7	1279.5	1528.7	1777.6	2026.4	2212.5
0.0	35°	288.7	523.4	758.5	993.3	1228.0	1497.3	1766.6	2035.6	2304.9	2517.4
0.0	37.5°	323.2	594.3	865.0	1136.0	1406.7	1702.5	1998.2	2293.9	2589.7	2852.3
0.0	40°	362.0	679.9	997.5	1315.5	1633.0	1983.4	2333.4	2683.8	3033.8	3404.3
0.0	42.5°	429.3	822.0	1215.0	1607.7	2000.3	2463.8	2927.3	3390.5	3854.0	4382.7
0.0	45°	555.9	1109.3	1663.0	2216.4	2769.8	3383.8	3998.2	4612.2	5226.2	5929.8
0.0	47.5°	865.7	1627.0	2388.1	3149.4	3910.4	4573.4	5236.1	5899.1	6561.8	7262.5
0.0	50°	1324.6	2210.8	3096.9	3982.7	4868.8	5468.7	6068.3	6668.2	7267.8	7934.3
0.0	52.5°	1656.7	2579.8	3503.3	4426.4	5349.6	5891.0	6432.8	6974.2	7515.6	8138.4
0.0	55°	1681.7	2599.5	3517.8	4435.6	5353.5	5897.3	6441.2	6985.1	7529.0	8189.2
0.0	57.5°	1488.9	2399.3	3309.4	4219.9	5130.0	5749.3	6368.3	6987.6	7606.5	8320.3
0.0	60°	1266.5	2177.3	3087.7	3998.5	4909.0	5622.4	6336.2	7049.6	7763.0	8431.7
0.0	62.5°	988.0	1924.9	2862.1	3799.0	4735.9	5460.3	6184.6	6908.6	7633.0	8134.5
0.0	65°	736.3	1646.1	2555.8	3465.2	4375.0	4955.2	5535.3	6115.2	6695.4	7005.9
0.0	67.5°	532.2	1316.9	2101.1	2885.8	3670.0	4085.2	4500.5	4915.3	5330.6	5568.1
	70°	359.9	903.4	1446.6	1990.1	2533.3	2874.5	3216.0	3557.2	3898.4	4219.2
	72.5°	249.2	554.5	860.1	1165.3	1470.5	1813.9	2156.8	2500.1	2843.1	3182.5
	75°	165.3	304.2	443.4	582.3	721.2	975.3	1229.8	1483.9	1738.1	1940.4
	77.5°	117.4	159.0	200.9	242.5	284.1	331.7	379.6	427.2	474.8	547.0
	80°	55.7	61.0	66.3	71.2	76.5	93.8	111.0	128.3	145.6	163.9
	82.5°	26.4	28.6	30.7	32.4	34.5	36.3	38.1	39.8	41.6	39.8
	85°	7.0	7.0	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.0
	87.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	2.8	2.8	2.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049139

CATALOG NUMBER: GALN-SA1C-830-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
20.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
381.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
808.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1248.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1693.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2050.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2399.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2730.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3115.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3774.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4911.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6633.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7963.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8600.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8761.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8849.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9034.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9100.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8636.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7316.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5806.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4539.6											
3522.0											
2142.7											
619.3											
182.2											
37.7											
6.7											
2.5											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049139

CATALOG NUMBER: GALN-SA1C-830-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
0.0	2.5°	22.9	22.6	22.2	21.9	21.5	20.8	20.8	20.4	20.4
0.0	5°	25.0	24.7	24.3	24.0	24.0	23.6	23.3	23.3	22.9
0.0	7.5°	28.6	28.2	27.8	27.5	27.5	27.1	27.1	26.8	26.8
0.0	10°	32.8	32.8	32.8	32.8	32.8	32.4	32.4	32.4	32.1
0.0	12.5°	41.2	41.6	42.3	43.0	44.1	44.1	44.1	43.7	43.7
0.0	15°	65.2	69.1	71.9	74.7	77.2	82.8	82.1	81.1	80.4
0.0	17.5°	165.0	182.6	192.1	201.3	210.8	236.9	232.6	228.4	224.5
0.0	20°	427.6	473.7	504.4	535.1	566.1	615.1	603.1	591.1	579.1
0.0	22.5°	914.7	1020.8	1067.0	1113.1	1159.0	1218.2	1179.8	1141.3	1103.3
0.0	25°	1385.6	1523.4	1601.3	1679.2	1756.8	1790.6	1740.5	1690.1	1640.1
0.0	27.5°	1849.1	2004.9	2073.6	2142.0	2210.8	2281.6	2219.6	2157.2	2095.1
0.0	30°	2220.6	2390.9	2465.2	2539.3	2613.6	2663.0	2598.8	2534.3	2470.2
0.0	32.5°	2585.1	2771.2	2852.6	2934.0	3015.1	3086.0	3007.0	2927.7	2848.7
0.0	35°	2942.2	3154.7	3266.8	3378.9	3491.0	3556.9	3463.1	3369.0	3275.2
0.0	37.5°	3377.8	3640.4	3765.9	3891.4	4016.9	4137.1	4033.8	3930.2	3826.9
0.0	40°	4145.2	4515.6	4708.1	4900.9	5093.3	5248.4	5118.0	4987.6	4857.2
0.0	42.5°	5440.2	5968.9	6245.6	6521.9	6798.6	7040.8	6903.7	6766.6	6629.4
0.0	45°	7336.9	8040.4	8377.7	8714.7	9052.0	9229.0	9031.6	8833.9	8636.5
0.0	47.5°	8663.6	9364.3	9664.6	9965.0	10265.3	10467.2	10225.8	9984.3	9743.3
0.0	50°	9267.1	9933.6	10235.0	10536.0	10837.3	10997.7	10718.9	10439.8	10160.9
0.0	52.5°	9383.7	10006.6	10366.1	10726.0	11085.5	11299.8	10970.6	10641.0	10311.8
0.0	55°	9509.9	10170.1	10587.1	11004.4	11421.4	11718.2	11346.0	10973.4	10601.2
0.0	57.5°	9747.5	10461.3	10877.2	11292.8	11708.7	11960.7	11587.4	11213.8	10840.5
0.0	60°	9768.6	10436.9	10794.3	11152.1	11509.5	11668.1	11311.1	10953.7	10596.6
0.0	62.5°	9138.0	9639.6	9887.8	10135.9	10384.1	10556.4	10183.9	9810.9	9438.4
0.0	65°	7627.3	7937.8	8135.6	8333.3	8531.1	8736.6	8395.4	8054.2	7713.0
0.0	67.5°	6043.6	6281.2	6541.7	6802.2	7062.6	7282.2	7009.1	6735.5	6462.4
	70°	4860.3	5180.8	5473.7	5766.6	6059.5	6239.2	5965.0	5690.4	5416.2
	72.5°	3861.4	4200.9	4445.5	4689.7	4934.4	4978.4	4776.8	4575.2	4373.9
	75°	2344.7	2547.0	2552.0	2556.5	2561.5	2603.4	2436.3	2269.3	2102.5
	77.5°	691.6	763.8	823.4	882.6	942.2	1014.1	952.8	891.1	829.7
	80°	200.2	218.5	234.0	249.2	264.7	255.5	241.1	226.6	212.2
	82.5°	36.0	33.8	33.5	33.1	33.1	31.4	28.6	25.7	22.9
	85°	6.3	6.0	5.6	5.3	4.9	4.6	3.9	3.5	2.8
	87.5°	2.1	1.8	1.4	1.1	1.1	0.4	0.4	0.4	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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CATALOG NUMBER: GALN-SA1C-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049139

CATALOG NUMBER: GALN-SA1C-830-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
0.0	0.0	2.5°	20.1	19.7	19.7	19.7	19.7	19.4	19.4	19.4	19.4
0.0	0.0	5°	22.2	22.2	21.9	21.9	21.5	21.5	21.1	21.1	20.8
0.0	0.0	7.5°	26.1	25.7	25.4	25.0	24.7	24.0	23.6	23.3	23.3
0.0	0.0	10°	31.4	30.7	30.3	29.6	29.3	28.6	27.8	27.1	26.4
0.0	0.0	12.5°	41.2	39.8	38.8	37.4	36.0	34.9	33.5	32.4	31.0
0.0	0.0	15°	71.6	68.0	64.2	59.6	54.6	50.1	45.1	42.3	39.1
0.0	0.0	17.5°	182.9	164.6	145.9	130.8	115.6	100.8	85.7	74.7	63.8
0.0	0.0	20°	465.6	414.9	364.1	314.1	263.7	213.6	163.2	137.8	112.4
0.0	0.0	22.5°	876.3	782.2	687.7	596.4	504.8	413.5	322.2	264.7	207.6
0.0	0.0	25°	1352.5	1234.0	1115.6	965.4	814.9	664.8	514.6	421.2	327.8
0.0	0.0	27.5°	1759.9	1623.5	1487.1	1304.5	1121.9	939.4	756.8	617.5	478.7
0.0	0.0	30°	2112.8	1966.1	1819.5	1607.0	1394.4	1181.9	969.3	795.2	621.1
0.0	0.0	32.5°	2418.7	2243.2	2067.6	1848.4	1629.2	1409.9	1190.7	977.1	763.5
0.0	0.0	35°	2771.6	2566.8	2361.6	2118.4	1874.8	1631.6	1388.4	1147.3	905.9
0.0	0.0	37.5°	3219.9	2968.6	2716.9	2445.9	2174.8	1904.1	1633.0	1357.4	1081.8
0.0	0.0	40°	4078.2	3753.9	3429.6	3085.3	2740.5	2396.2	2051.8	1713.4	1375.0
0.0	0.0	42.5°	5616.1	5177.9	4739.8	4281.6	3823.0	3364.8	2906.2	2428.9	1951.3
0.0	0.0	45°	7351.7	6808.2	6264.3	5750.0	5235.4	4721.1	4206.8	3551.9	2897.0
0.0	0.0	47.5°	8327.7	7740.8	7153.9	6667.2	6180.4	5693.6	5206.8	4500.8	3794.8
0.0	0.0	50°	8686.9	8089.4	7492.0	7044.0	6595.6	6147.6	5699.2	4992.2	4284.7
0.0	0.0	52.5°	8763.4	8153.9	7544.5	7093.7	6642.8	6192.4	5741.5	5039.1	4336.6
0.0	0.0	55°	8920.6	8266.7	7612.5	7098.6	6584.7	6070.8	5556.8	4843.1	4129.3
0.0	0.0	57.5°	9126.1	8455.6	7785.2	7199.8	6614.3	6029.2	5443.7	4663.3	3882.9
0.0	0.0	60°	9072.1	8488.8	7905.1	7278.0	6650.6	6023.5	5396.1	4537.8	3679.2
0.0	0.0	62.5°	8135.9	7671.4	7206.5	6690.8	6174.7	5659.1	5143.4	4259.7	3376.1
0.0	0.0	65°	6693.2	6354.2	6015.1	5600.2	5185.0	4770.1	4355.2	3562.9	2770.8
0.0	0.0	67.5°	5424.7	5042.6	4660.1	4329.5	3998.5	3667.9	3336.9	2713.4	2089.9
		70°	4309.8	3894.2	3478.3	3155.4	2832.2	2509.3	2186.4	1771.9	1357.8
		72.5°	3422.6	3047.9	2673.2	2328.8	1984.1	1639.7	1295.0	1050.0	805.1
		75°	1635.9	1486.1	1336.3	1156.1	976.0	795.9	615.8	509.0	402.5
		77.5°	606.3	525.5	444.5	371.2	297.8	224.9	151.6	138.9	126.2
		80°	156.9	136.8	116.3	101.9	87.1	72.6	58.2	52.5	47.2
		82.5°	18.0	16.6	15.5	14.8	13.7	13.0	12.0	10.9	9.9
		85°	1.1	0.7	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):

[illegible]

REPORT NUMBER: P1049139

CATALOG NUMBER: GALN-SA1C-830-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	20.4	20.4
0.0	0.0	2.5°	19.0	18.7
0.0	0.0	5°	20.1	19.7
0.0	0.0	7.5°	22.2	21.5
0.0	0.0	10°	24.3	23.6
0.0	0.0	12.5°	27.5	26.4
0.0	0.0	15°	31.0	28.9
0.0	0.0	17.5°	37.0	32.4
0.0	0.0	20°	50.1	38.4
0.0	0.0	22.5°	70.5	47.9
0.0	0.0	25°	103.6	66.3
0.0	0.0	27.5°	144.2	88.1
0.0	0.0	30°	191.7	110.3
0.0	0.0	32.5°	233.7	131.5
0.0	0.0	35°	288.3	153.0
0.0	0.0	37.5°	355.7	180.5
0.0	0.0	40°	460.0	222.1
0.0	0.0	42.5°	647.9	298.9
0.0	0.0	45°	1052.2	516.7
0.0	0.0	47.5°	1618.9	854.8
0.0	0.0	50°	1980.6	1090.9
0.0	0.0	52.5°	2010.2	1089.2
0.0	0.0	55°	1835.0	968.3
0.0	0.0	57.5°	1565.7	809.3
0.0	0.0	60°	1301.4	640.1
0.0	0.0	62.5°	1025.4	442.0
0.0	0.0	65°	749.4	312.6
0.0	0.0	67.5°	538.2	233.7
		70°	353.9	179.1
		72.5°	230.5	145.9
		75°	155.1	120.9
		77.5°	90.6	80.4
		80°	32.1	28.2
		82.5°	6.0	4.2
		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



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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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

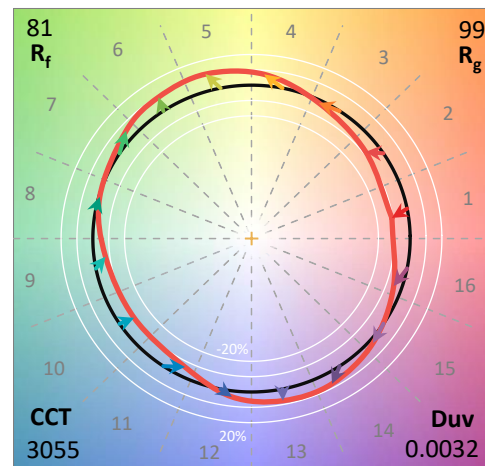
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-9
 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-830-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3055
 CIE u' : 0.2475
 CIE v' : 0.5247
 Duv: 0.0032
 CIE x: 0.4377
 CIE y: 0.4124
 CIE z: 0.1499
 Peak Wavelength (nm): 604
 Dominant Wavelength (nm): 581
 Purity: 55.16339
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 80.9
 R1: 79.5
 R2: 85.6
 R3: 92.1
 R4: 82.4
 R5: 78.9
 R6: 81.7
 R7: 85.1
 R8: 61.9
 R9: 6.8
 R10: 67.1
 R11: 82.5
 R12: 63.4
 R13: 80.2
 R14: 95.1
 R15: 71.7



Test Conditions

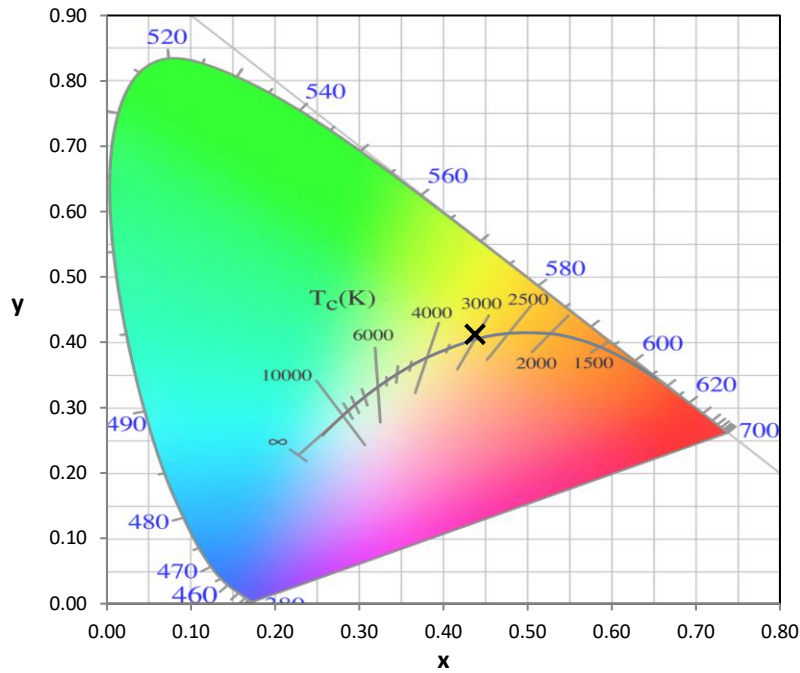
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

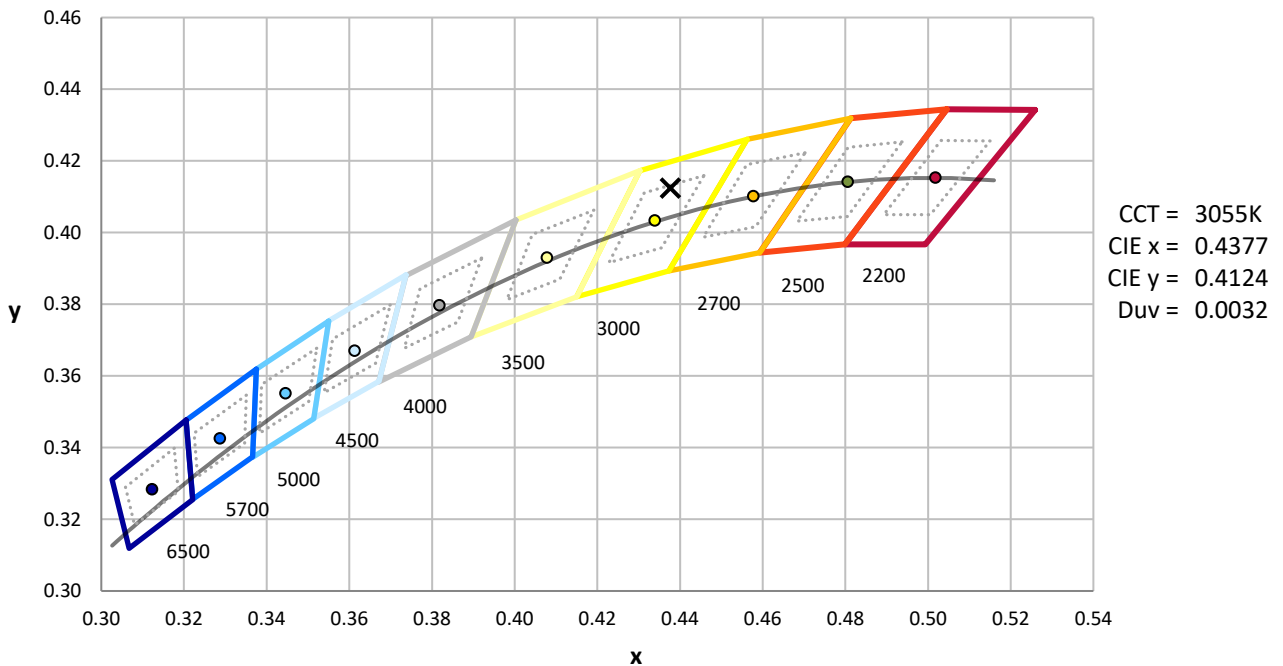
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



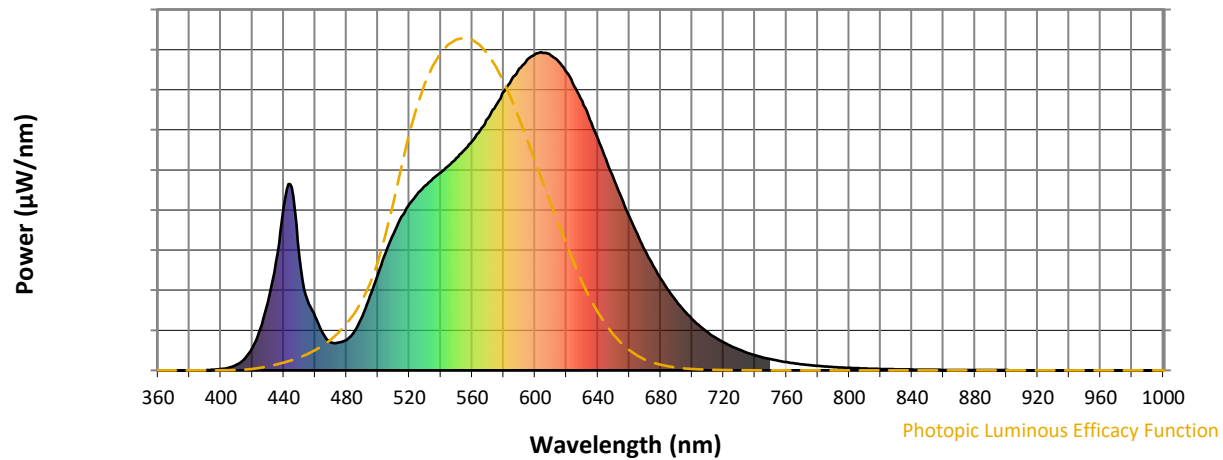
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

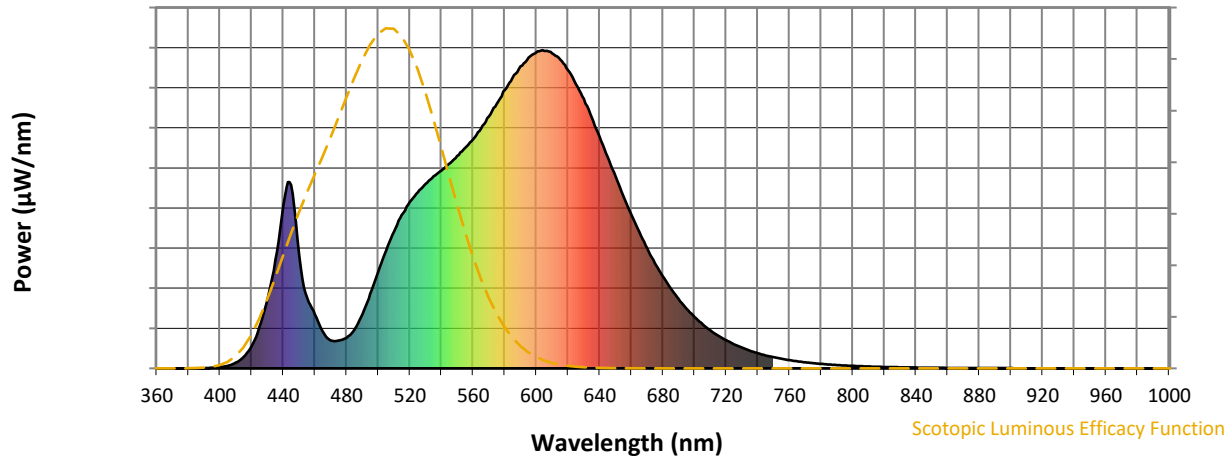


Photopic Lumens: NR

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



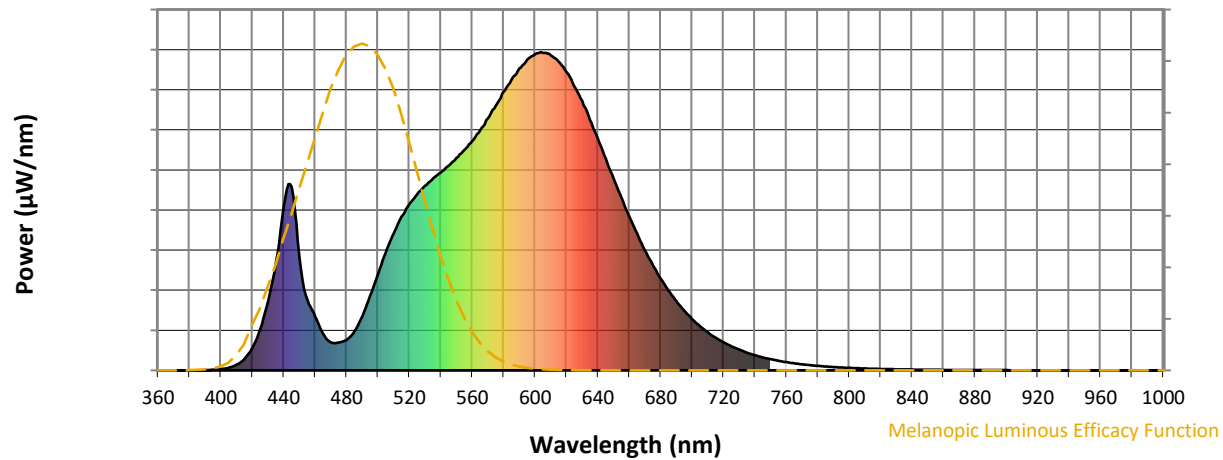
Scotopic Lumens: NR

S/P: 1.28

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.33

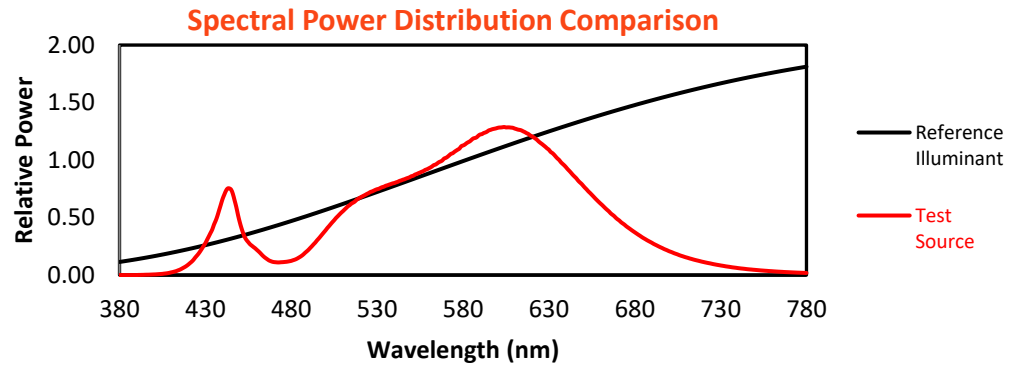
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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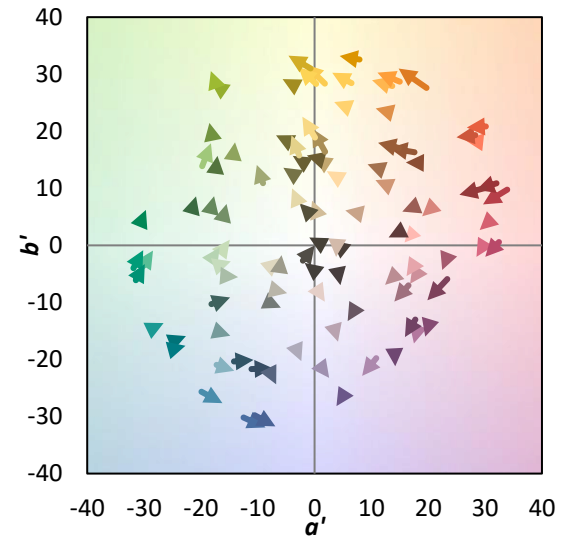
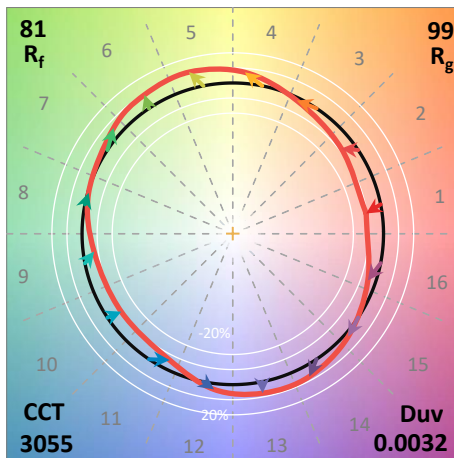
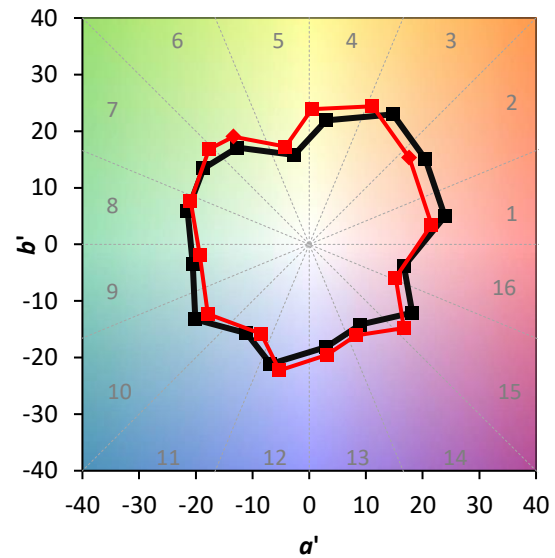
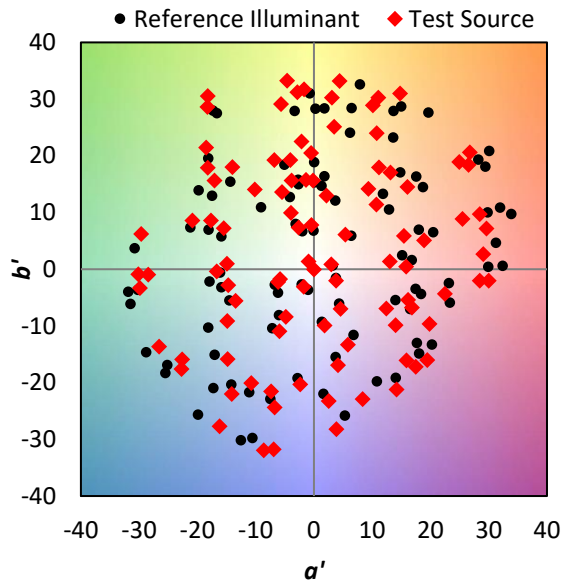
TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 80.9$
 $R_9 = 6.8$

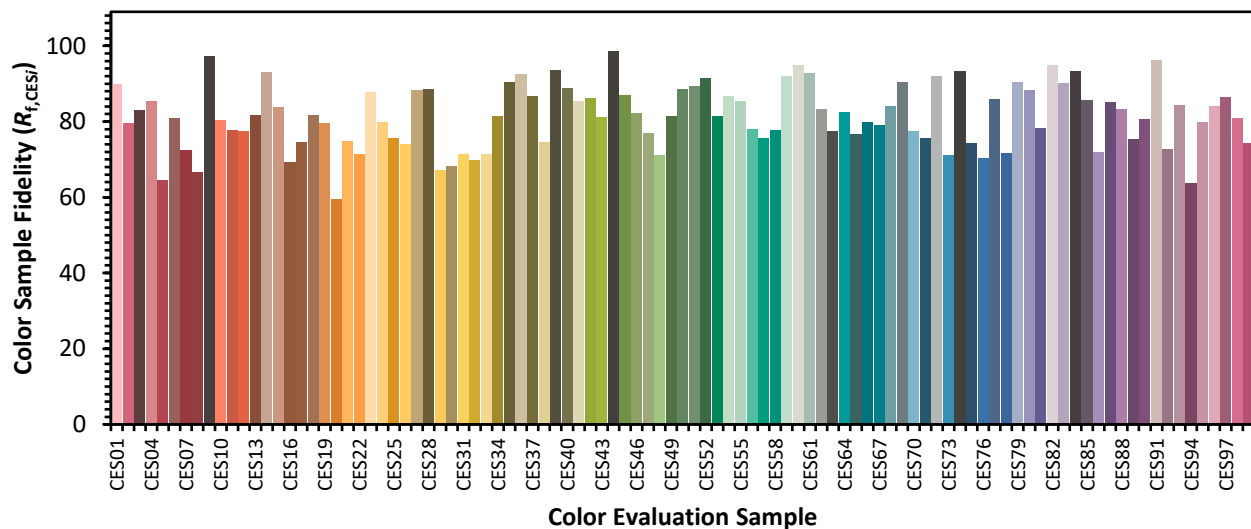


Color Vector Graphics

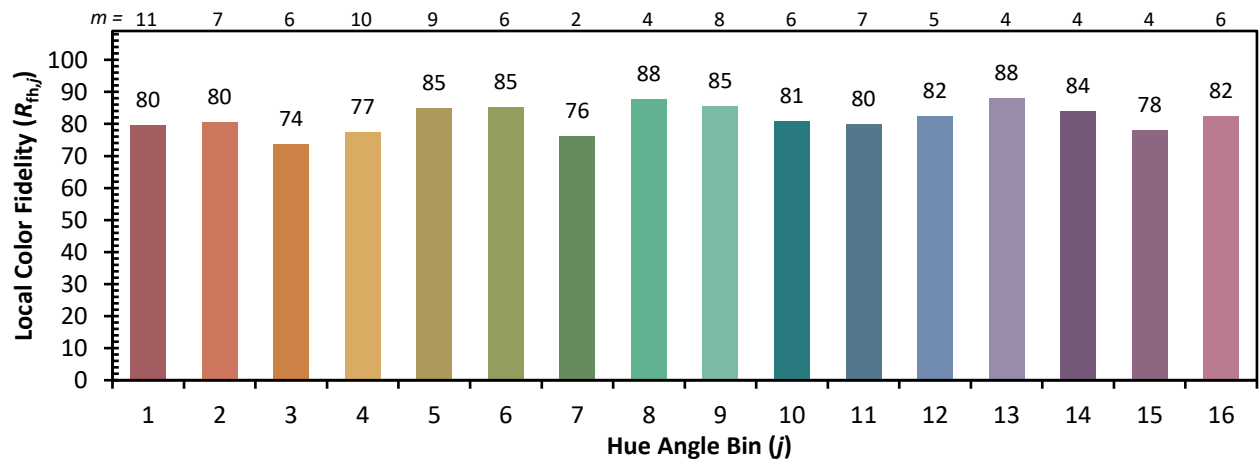
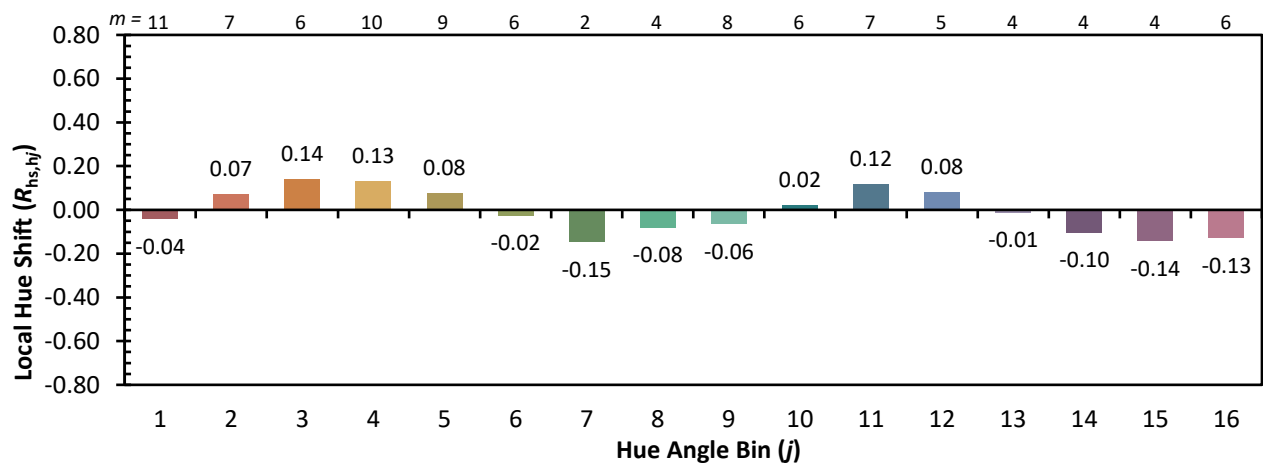
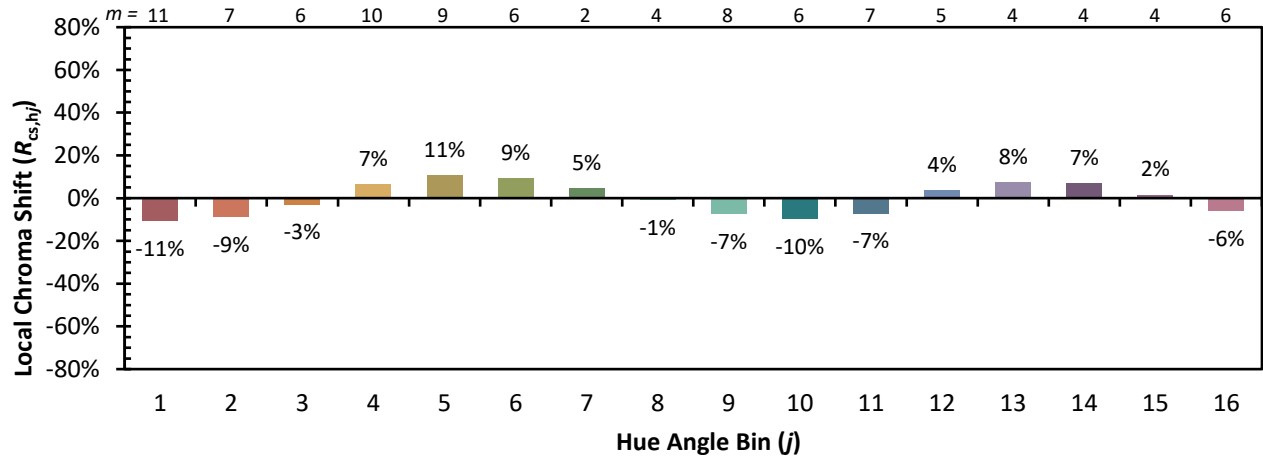


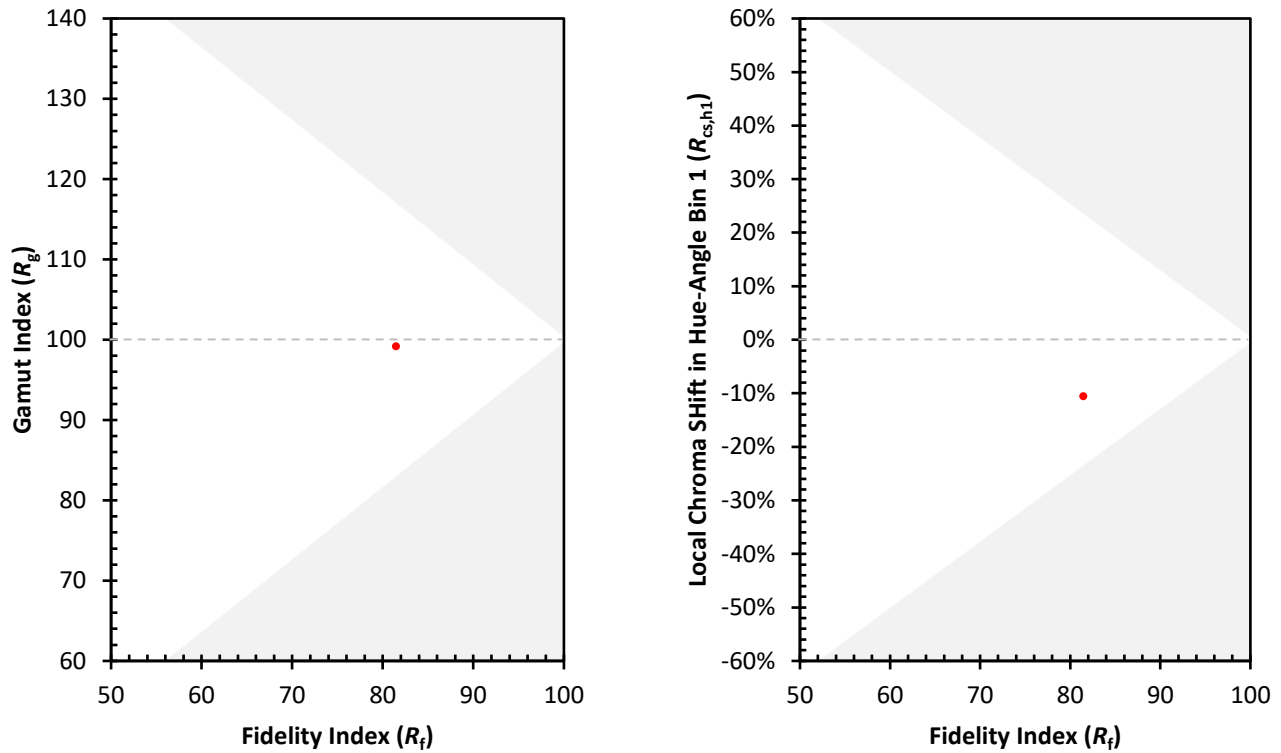
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)