

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: P1049143

Luminaire Tested: **GALN-SA2C-830-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049143
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2C-830-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
80CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9306.8 lumens
Efficiency: N/A
Efficacy: 96.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

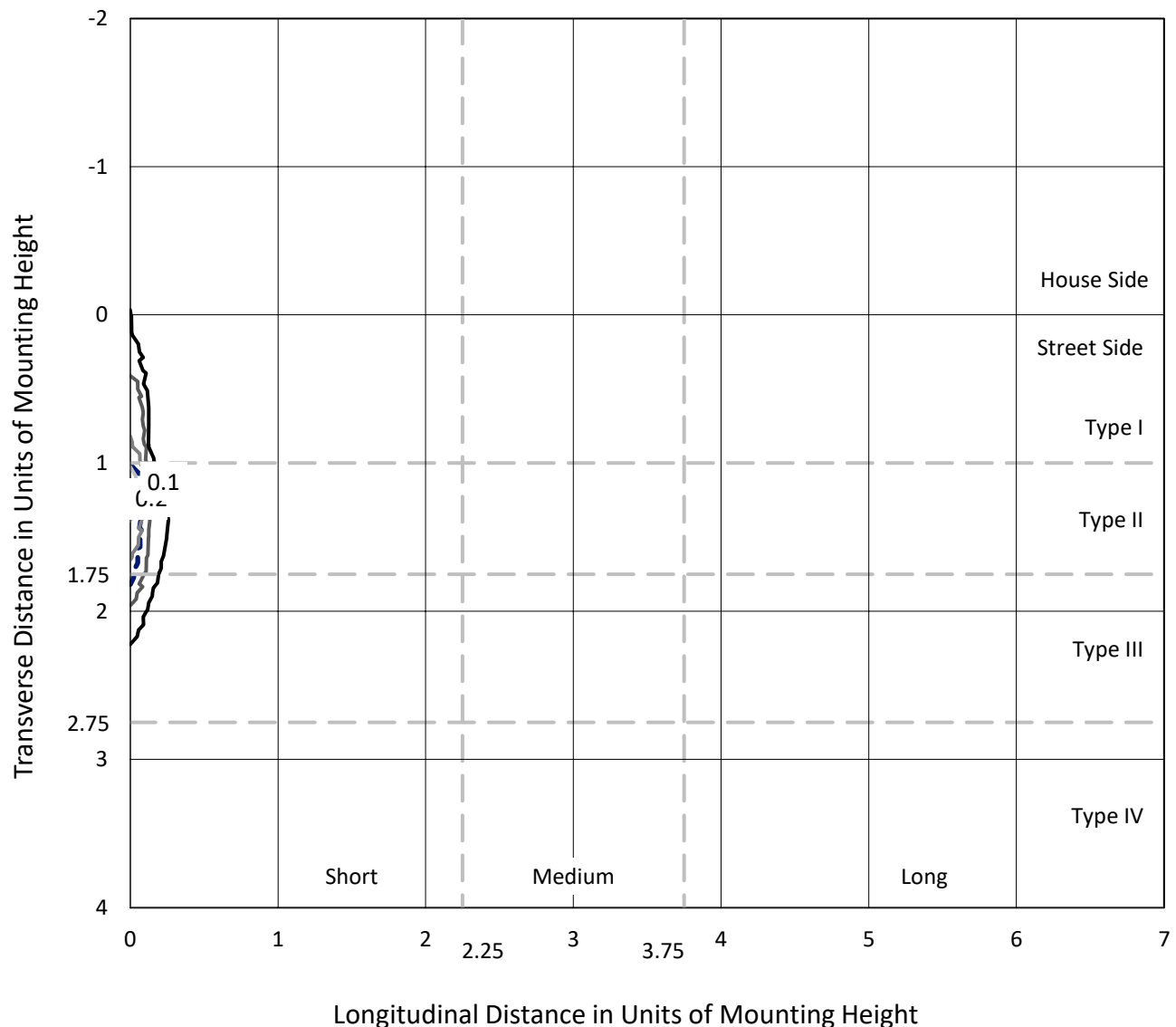
Input Watts (W): 96.2
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

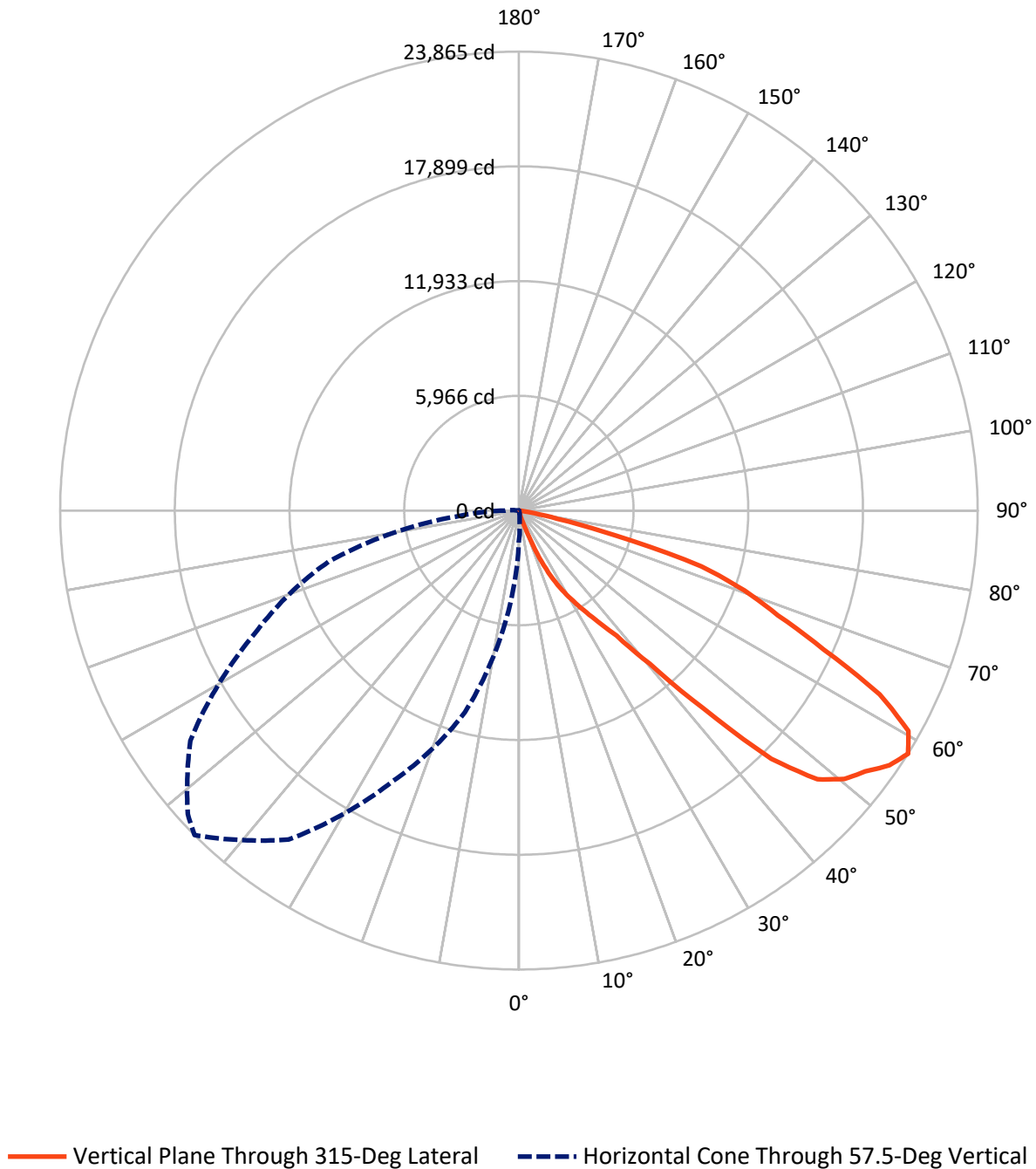
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.4 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	46.6	0.0	46.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	9260.2	0.0	9260.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	9306.8	0.0	9306.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.6	0.0
10°-20°	20.4	0.2
20°-30°	220.6	2.4
30°-40°	652.2	7.0
40°-50°	1943.8	20.9
50°-60°	3082.2	33.1
60°-70°	2572.9	27.6
70°-80°	793.4	8.5
80°-90°	17.6	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°	9306.8	100.0
0°-180°	9306.8	100.0



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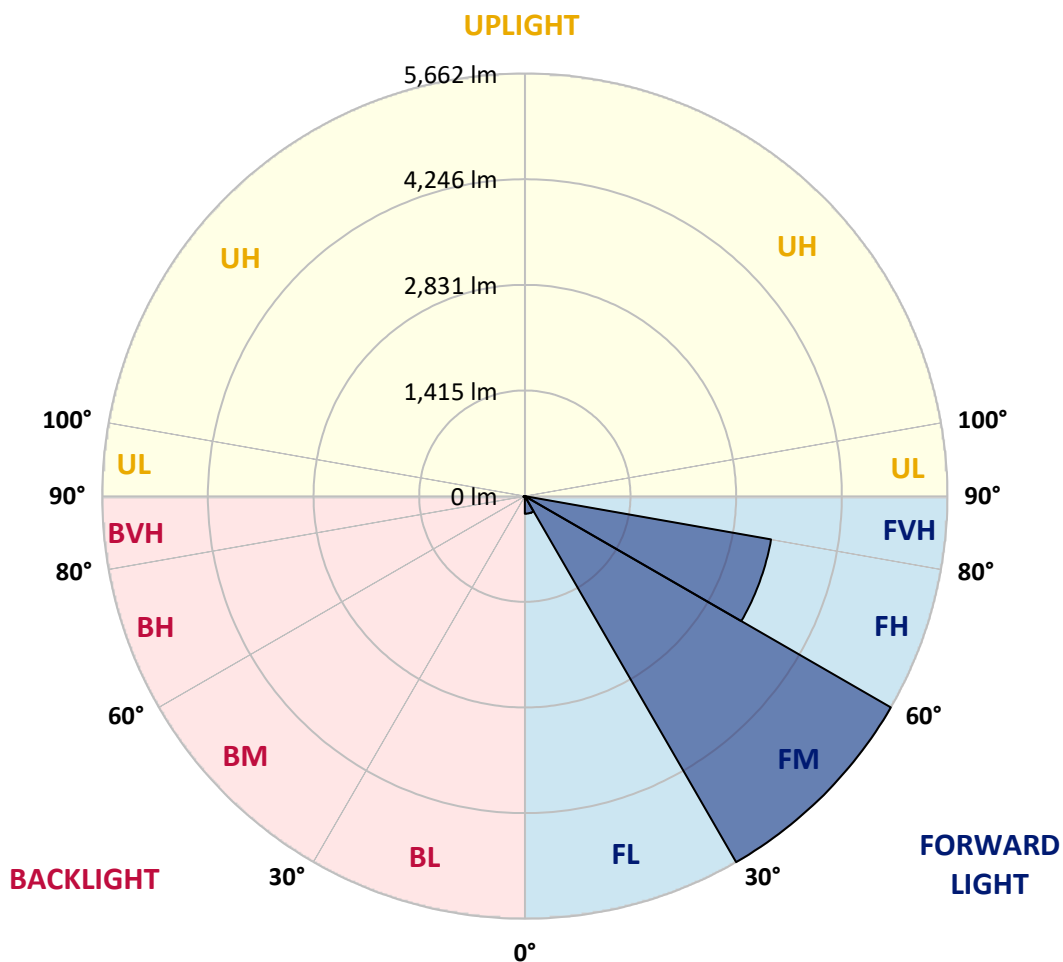
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	236.1	2.5			
FM	(30°-60°)	5661.6	60.8			
FH	(60°-80°)	3348.9	36.0			G2/5000
FVH	(80°-90°)	13.6	0.1			G1/100
BL	(0°-30°)	8.6	0.1	B0/110		
BM	(30°-60°)	16.7	0.2	B0/220		
BH	(60°-80°)	17.4	0.2	B0/110		G0/110
BVH	(80°-90°)	4.0	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-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
2.5°	37.3	37.3	37.3	37.3	36.6	36.6	35.9	35.9	35.2	35.2
5°	39.4	39.4	38.7	38.0	38.0	37.3	36.6	35.9	35.9	35.2
7.5°	42.9	42.2	41.5	40.8	39.4	38.7	37.3	36.6	35.9	34.5
10°	47.1	45.7	44.3	42.9	41.5	40.1	38.7	38.0	36.6	35.9
12.5°	52.7	50.6	47.8	45.7	44.3	42.2	40.8	39.4	37.3	35.9
15°	57.7	54.9	51.3	48.5	46.4	43.6	41.5	39.4	38.0	35.9
17.5°	64.7	59.8	54.2	50.6	47.8	44.3	40.8	38.7	36.6	33.8
20°	76.7	66.8	56.3	52.0	47.8	43.6	39.4	36.6	34.5	31.6
22.5°	95.6	78.8	61.9	55.6	49.9	43.6	38.0	35.2	32.4	29.5
25°	132.2	102.0	71.7	63.3	54.9	46.4	38.0	34.5	31.6	28.1
27.5°	175.8	130.8	85.1	73.1	61.9	49.9	38.0	33.8	30.2	26.0
30°	220.1	160.4	99.9	84.4	68.9	53.5	38.0	33.1	28.8	23.9
32.5°	262.3	187.8	112.5	94.2	76.0	57.0	38.7	33.1	27.4	21.8
35°	305.2	210.3	114.6	95.6	76.7	57.0	38.0	31.6	26.0	19.7
37.5°	360.1	235.6	110.4	91.4	73.1	54.2	35.9	30.2	24.6	18.3
40°	443.1	277.8	112.5	92.8	73.1	53.5	33.8	28.1	23.2	17.6
42.5°	596.4	359.4	121.7	99.2	76.7	53.5	30.9	26.0	21.8	16.9
45°	1031.0	597.1	163.2	129.4	95.6	61.9	28.1	23.9	20.4	16.2
47.5°	1705.5	999.4	293.3	226.5	160.4	93.5	27.4	23.9	20.4	16.2
50°	2176.7	1273.0	369.2	284.1	199.0	113.9	28.8	24.6	21.1	16.9
52.5°	2173.2	1292.7	411.4	315.8	220.8	125.2	30.2	26.0	22.5	18.3
55°	1932.0	1175.9	419.2	322.1	225.8	128.7	32.4	28.1	23.9	19.7
57.5°	1614.8	998.7	382.6	296.1	210.3	123.8	37.3	32.4	28.1	23.2
60°	1277.2	787.7	298.2	235.6	173.7	111.1	49.2	42.9	37.3	30.9
62.5°	881.9	571.1	260.2	208.9	158.2	106.9	56.3	49.9	44.3	38.0
65°	623.8	429.7	234.9	191.3	148.4	104.8	61.2	54.2	47.8	40.8
67.5°	466.3	341.8	216.6	179.3	142.1	104.8	67.5	59.1	51.3	42.9
70°	357.3	280.6	203.3	173.0	143.5	113.2	83.0	71.0	59.8	47.8
72.5°	291.2	239.8	187.8	166.0	144.2	122.4	100.6	85.1	69.6	53.5
75°	241.2	205.4	169.5	151.2	133.6	115.3	97.1	83.0	69.6	55.6
77.5°	160.4	146.3	131.5	121.0	110.4	99.2	88.6	76.7	65.4	53.5
80°	56.3	54.2	52.0	56.3	60.5	64.7	68.9	60.5	52.7	44.3
82.5°	8.4	7.7	7.0	7.7	8.4	9.1	9.8	10.5	11.3	12.0
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°	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
0.0	2.5°	34.5	34.5	33.8	33.8	33.8	33.1	33.1	32.4	32.4	32.4
0.0	5°	33.8	33.8	33.1	32.4	31.6	31.6	30.9	30.2	30.2	29.5
0.0	7.5°	33.1	32.4	31.6	30.9	30.2	29.5	28.8	28.1	28.1	27.4
0.0	10°	33.8	32.4	31.6	30.2	29.5	28.8	27.4	26.7	26.0	26.0
0.0	12.5°	32.4	31.6	30.2	28.8	28.1	26.7	26.0	24.6	23.9	23.9
0.0	15°	32.4	30.9	28.8	27.4	26.0	25.3	23.9	22.5	21.8	21.1
0.0	17.5°	30.2	28.8	26.7	25.3	23.9	22.5	21.1	19.7	19.0	18.3
0.0	20°	27.4	26.0	23.9	21.8	20.4	19.0	17.6	16.2	15.5	14.8
0.0	22.5°	24.6	23.2	21.1	19.0	17.6	16.2	14.1	12.7	12.0	10.5
0.0	25°	23.2	21.1	19.0	16.9	14.8	13.4	11.3	9.1	7.7	6.3
0.0	27.5°	19.7	17.6	15.5	13.4	11.3	9.1	7.0	4.9	3.5	2.8
0.0	30°	16.9	14.8	12.7	10.5	7.7	5.6	3.5	0.7	0.7	0.7
0.0	32.5°	14.1	12.0	9.1	7.0	5.6	3.5	2.1	0.0	0.0	0.0
0.0	35°	11.3	9.1	6.3	4.2	3.5	2.1	1.4	0.0	0.0	0.0
0.0	37.5°	9.8	7.7	4.9	2.1	1.4	1.4	0.7	0.0	0.0	0.0
0.0	40°	9.1	6.3	3.5	0.7	0.7	0.7	0.0	0.0	0.0	0.0
0.0	42.5°	9.1	6.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	9.1	6.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	9.1	6.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	9.8	7.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	11.3	8.4	5.6	2.8	2.1	1.4	0.7	0.0	0.0	0.0
0.0	55°	14.1	12.7	10.5	9.1	7.0	4.9	2.1	0.0	0.0	0.0
0.0	57.5°	18.3	18.3	17.6	16.9	12.7	8.4	4.2	0.0	0.0	0.0
0.0	60°	24.6	24.6	24.6	24.6	18.3	12.7	6.3	0.0	0.0	0.0
0.0	62.5°	30.2	28.8	26.7	25.3	19.0	12.7	6.3	0.0	0.0	0.0
0.0	65°	30.2	27.4	23.9	20.4	15.5	10.5	4.9	0.0	0.0	0.0
0.0	67.5°	28.1	22.5	16.2	10.5	7.7	5.6	2.8	0.0	0.0	0.0
	70°	28.1	19.7	11.3	2.8	2.1	1.4	0.7	0.0	0.0	0.0
	72.5°	28.1	19.0	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	30.9	21.1	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	30.9	21.1	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	27.4	18.3	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	9.1	6.3	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
0.0	2.5°	31.6	31.6	31.6	30.9	30.9	30.9	30.9	30.2	30.2	30.2
0.0	5°	28.8	28.8	28.1	28.1	27.4	27.4	26.7	26.7	26.0	26.0
0.0	7.5°	26.7	26.0	26.0	25.3	24.6	24.6	23.9	23.9	23.2	22.5
0.0	10°	24.6	23.9	23.9	23.2	22.5	21.8	21.8	21.1	20.4	19.7
0.0	12.5°	22.5	21.8	21.1	20.4	19.7	19.0	19.0	18.3	17.6	16.9
0.0	15°	19.7	19.0	18.3	17.6	16.9	16.2	16.2	15.5	14.8	14.1
0.0	17.5°	16.9	16.2	16.2	15.5	14.8	14.1	13.4	12.0	11.3	10.5
0.0	20°	12.7	12.0	11.3	10.5	9.8	8.4	7.7	6.3	4.9	4.2
0.0	22.5°	8.4	7.0	6.3	4.9	3.5	2.8	2.1	0.7	0.0	0.0
0.0	25°	2.8	2.1	1.4	0.7	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-SA2C-830-U-RBC

[illegible]

REPORT NUMBER: P1049143

CATALOG NUMBER: GALN-SA2C-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°	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
0.0	2.5°	29.5	29.5	29.5	28.8	28.8	28.8	28.8	28.8	28.8	28.8
0.0	5°	25.3	25.3	25.3	24.6	24.6	23.9	23.9	23.9	23.2	23.2
0.0	7.5°	21.8	21.1	21.1	20.4	20.4	19.7	19.7	19.7	19.0	19.0
0.0	10°	18.3	17.6	17.6	16.9	16.9	16.2	16.2	15.5	15.5	14.8
0.0	12.5°	16.2	15.5	14.8	14.1	14.1	13.4	12.7	12.7	12.0	11.3
0.0	15°	12.7	12.0	11.3	10.5	9.8	9.1	8.4	8.4	7.7	7.0
0.0	17.5°	8.4	7.0	6.3	5.6	5.6	4.9	4.2	3.5	2.8	2.1
0.0	20°	2.1	1.4	0.7	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



REPORT NUMBER: P1049143

CATALOG NUMBER: GALN-SA2C-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049143

CATALOG NUMBER: GALN-SA2C-830-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°	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
0.0	2.5°	28.8	28.1	28.1	28.1	28.8	28.8	28.8	28.8	28.8	28.8
0.0	5°	23.2	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
0.0	7.5°	19.0	18.3	18.3	18.3	18.3	17.6	17.6	17.6	17.6	17.6
0.0	10°	14.8	14.1	14.1	14.1	14.1	13.4	13.4	13.4	13.4	13.4
0.0	12.5°	10.5	10.5	9.8	9.8	9.8	9.1	9.1	9.1	9.1	8.4
0.0	15°	6.3	5.6	4.9	4.9	4.9	4.2	4.2	4.2	4.2	3.5
0.0	17.5°	1.4	1.4	0.7	0.7	0.7	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

CATALOG NUMBER: GALN-SA2C-830-U-RBC

[illegible]

REPORT NUMBER: P1049143

CATALOG NUMBER: GALN-SA2C-830-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
0.0	2.5°	29.5	29.5	30.2	30.2	30.9	32.4	33.1	33.8	35.2	36.6
0.0	5°	23.2	23.9	23.9	24.6	25.3	26.0	26.7	27.4	28.8	30.2
0.0	7.5°	18.3	18.3	19.0	19.0	19.7	21.1	21.8	22.5	23.9	26.0
0.0	10°	14.1	14.1	14.8	14.8	15.5	16.9	17.6	18.3	19.7	21.8
0.0	12.5°	9.1	9.8	9.8	10.5	11.3	12.7	13.4	14.1	15.5	16.9
0.0	15°	4.2	4.9	4.9	5.6	6.3	7.7	8.4	9.1	10.5	12.7
0.0	17.5°	0.7	0.7	1.4	1.4	2.1	2.8	3.5	4.2	6.3	7.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.8
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
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-SA2C-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049143

CATALOG NUMBER: GALN-SA2C-830-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°	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
0.0	2.5°	38.7	40.1	41.5	42.9	44.3	45.7	46.4	47.8	48.5	49.2
0.0	5°	33.1	34.5	36.6	38.0	39.4	40.8	42.2	42.9	43.6	44.3
0.0	7.5°	28.8	30.2	32.4	33.8	35.2	36.6	38.0	39.4	40.1	40.8
0.0	10°	24.6	26.7	28.1	30.2	31.6	33.1	34.5	35.9	37.3	38.0
0.0	12.5°	19.7	21.8	23.9	25.3	27.4	29.5	30.9	32.4	33.8	35.2
0.0	15°	15.5	17.6	19.7	21.1	23.2	25.3	27.4	28.8	30.2	31.6
0.0	17.5°	11.3	13.4	15.5	16.9	19.0	21.1	22.5	24.6	26.0	27.4
0.0	20°	5.6	7.7	9.8	12.0	14.1	16.2	17.6	19.7	21.1	22.5
0.0	22.5°	0.7	2.8	4.9	6.3	8.4	10.5	12.0	14.1	15.5	16.9
0.0	25°	0.0	0.7	2.1	2.8	3.5	4.9	6.3	7.7	9.1	10.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.7	1.4	2.8	4.2	5.6
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
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	0.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.4
	85°	0.0	0.0	0.0	0.0	0.0	1.4	2.1	3.5	4.2	4.9
	87.5°	0.0	0.7	1.4	2.1	2.8	4.2	5.6	7.0	7.7	8.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049143

CATALOG NUMBER: GALN-SA2C-830-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
40.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	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
0.0											
0.0											
0.0											
0.0											
0.7											
2.8											
6.3											
9.1											
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REPORT NUMBER: P1049143

CATALOG NUMBER: GALN-SA2C-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°	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
0.0	2.5°	49.9	49.9	49.9	49.9	49.2	49.2	49.2	48.5	48.5	47.8
0.0	5°	45.7	46.4	46.4	46.4	46.4	46.4	46.4	46.4	45.7	45.7
0.0	7.5°	42.2	42.9	43.6	43.6	44.3	44.3	44.3	43.6	43.6	42.9
0.0	10°	40.1	40.8	40.8	41.5	41.5	41.5	41.5	41.5	41.5	41.5
0.0	12.5°	37.3	38.0	38.7	38.7	39.4	39.4	39.4	39.4	38.7	38.7
0.0	15°	33.8	35.2	35.9	36.6	36.6	37.3	37.3	37.3	37.3	37.3
0.0	17.5°	30.9	32.4	33.1	33.8	33.8	34.5	34.5	35.2	35.2	35.2
0.0	20°	25.3	26.7	27.4	28.8	29.5	30.2	30.9	31.6	31.6	32.4
0.0	22.5°	19.7	21.1	21.8	23.2	23.9	24.6	25.3	26.0	26.7	27.4
0.0	25°	14.1	15.5	16.2	17.6	18.3	19.0	19.7	20.4	20.4	21.1
0.0	27.5°	7.7	9.1	10.5	11.3	12.7	13.4	14.1	14.8	15.5	16.2
0.0	30°	3.5	4.2	4.9	6.3	7.0	7.7	8.4	9.8	10.5	11.3
0.0	32.5°	0.0	0.0	0.7	2.1	2.8	3.5	4.2	4.9	4.9	5.6
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.4	2.1	2.8
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	1.4	1.4	1.4	2.1	2.1	2.1	2.1	2.1	2.1	2.1
	82.5°	3.5	4.2	4.9	4.9	5.6	5.6	5.6	5.6	4.9	4.9
	85°	7.0	7.7	8.4	8.4	9.1	9.1	9.1	9.1	9.1	9.1
	87.5°	9.8	10.5	11.3	11.3	12.0	12.0	12.0	12.0	12.0	12.0
	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: P1049143

CATALOG NUMBER: GALN-SA2C-830-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
40.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.7	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: P1049143

CATALOG NUMBER: GALN-SA2C-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°	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
0.0	2.5°	47.1	47.1	46.4	46.4	46.4	46.4	46.4	47.1	47.8	47.8
0.0	5°	45.0	45.0	44.3	44.3	44.3	45.0	45.0	45.7	46.4	47.1
0.0	7.5°	42.9	42.2	42.2	42.9	42.9	43.6	43.6	44.3	45.0	45.7
0.0	10°	41.5	40.8	40.8	40.8	41.5	41.5	42.2	42.9	43.6	44.3
0.0	12.5°	38.7	38.7	38.7	38.7	39.4	39.4	40.1	40.8	42.2	42.9
0.0	15°	37.3	36.6	36.6	36.6	36.6	37.3	37.3	38.7	40.1	40.8
0.0	17.5°	34.5	34.5	33.8	33.8	34.5	34.5	35.2	36.6	38.0	38.7
0.0	20°	31.6	30.9	30.2	30.2	30.9	30.9	31.6	33.1	34.5	35.2
0.0	22.5°	27.4	26.7	26.7	26.7	26.7	27.4	27.4	28.8	30.9	32.4
0.0	25°	21.8	22.5	22.5	23.2	23.2	23.9	24.6	26.0	28.1	29.5
0.0	27.5°	16.9	17.6	17.6	19.0	19.7	20.4	21.1	23.2	25.3	26.7
0.0	30°	12.7	13.4	14.1	14.8	16.2	17.6	19.0	21.1	23.2	24.6
0.0	32.5°	7.7	9.1	9.8	11.3	12.7	14.1	15.5	17.6	20.4	22.5
0.0	35°	5.6	6.3	7.7	8.4	9.8	11.3	12.7	15.5	17.6	20.4
0.0	37.5°	2.8	4.2	5.6	7.0	8.4	9.8	11.3	14.1	16.9	19.0
0.0	40°	2.1	3.5	4.2	5.6	7.7	9.1	10.5	13.4	16.2	19.0
0.0	42.5°	1.4	2.1	2.8	4.9	6.3	8.4	10.5	13.4	16.2	19.0
0.0	45°	1.4	1.4	2.1	4.2	6.3	9.1	11.3	14.1	16.2	19.0
0.0	47.5°	1.4	2.1	2.8	5.6	7.0	9.1	11.3	13.4	16.2	18.3
0.0	50°	2.1	2.8	3.5	6.3	7.7	9.8	11.3	14.1	16.2	19.0
0.0	52.5°	1.4	2.1	2.8	5.6	7.7	10.5	12.7	15.5	18.3	20.4
0.0	55°	0.7	0.7	0.7	4.2	8.4	12.0	16.2	18.3	21.1	23.2
0.0	57.5°	0.0	0.0	0.0	2.8	8.4	13.4	18.3	21.1	23.9	26.0
0.0	60°	0.0	0.0	0.0	2.8	8.4	13.4	18.3	21.8	25.3	28.8
0.0	62.5°	0.0	0.0	0.0	2.8	7.0	11.3	15.5	21.1	27.4	33.1
0.0	65°	0.0	0.0	0.0	2.1	5.6	9.1	12.7	21.1	29.5	37.3
0.0	67.5°	0.0	0.0	0.0	2.1	5.6	8.4	12.0	21.1	29.5	38.7
	70°	0.0	0.0	0.0	2.1	5.6	9.1	12.7	21.1	29.5	38.0
	72.5°	0.0	0.0	0.0	2.1	6.3	9.8	14.1	21.1	28.1	35.2
	75°	0.0	0.0	0.0	2.8	6.3	10.5	14.8	21.1	27.4	33.1
	77.5°	0.0	0.0	0.0	2.1	6.3	9.8	14.1	20.4	26.7	32.4
	80°	2.1	1.4	1.4	3.5	6.3	9.1	12.0	18.3	25.3	31.6
	82.5°	4.2	4.2	3.5	4.9	6.3	8.4	10.5	16.2	22.5	28.1
	85°	8.4	8.4	7.7	8.4	8.4	9.1	9.8	12.7	15.5	18.3
	87.5°	11.3	11.3	10.5	10.5	10.5	9.8	9.8	9.8	9.8	9.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049143

CATALOG NUMBER: GALN-SA2C-830-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
40.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.4											
42.2											
39.4											
38.7											
38.0											
33.8											
21.1											
9.1											
0.0											
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REPORT NUMBER: P1049143

CATALOG NUMBER: GALN-SA2C-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°	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
0.0	2.5°	49.2	49.9	49.9	50.6	51.3	52.0	52.0	52.7	52.7	52.7
0.0	5°	48.5	49.9	50.6	51.3	52.0	52.7	53.5	54.2	54.9	54.9
0.0	7.5°	47.8	48.5	49.9	50.6	52.0	52.7	54.2	54.9	55.6	56.3
0.0	10°	46.4	47.8	49.2	50.6	52.0	53.5	54.9	56.3	57.7	58.4
0.0	12.5°	45.0	47.1	48.5	49.9	52.0	54.2	55.6	57.7	59.1	60.5
0.0	15°	44.3	45.7	47.8	49.2	52.0	54.9	57.0	59.8	62.6	64.7
0.0	17.5°	42.2	45.0	47.1	49.2	52.0	55.6	58.4	61.2	65.4	69.6
0.0	20°	39.4	41.5	44.3	46.4	50.6	54.2	58.4	61.9	68.2	74.6
0.0	22.5°	36.6	39.4	41.5	44.3	49.2	53.5	58.4	62.6	73.1	83.0
0.0	25°	33.8	37.3	40.1	42.9	48.5	54.2	59.8	65.4	83.0	100.6
0.0	27.5°	32.4	35.2	38.7	41.5	48.5	56.3	63.3	70.3	98.5	125.9
0.0	30°	30.2	33.8	36.6	40.1	49.2	58.4	67.5	76.7	119.6	162.5
0.0	32.5°	28.1	31.6	35.2	38.7	50.6	62.6	73.8	85.8	142.1	197.6
0.0	35°	26.0	30.2	33.8	37.3	52.7	68.9	84.4	99.9	162.5	224.4
0.0	37.5°	25.3	29.5	33.1	36.6	53.5	69.6	86.5	102.7	164.6	226.5
0.0	40°	26.0	29.5	33.8	37.3	51.3	65.4	78.8	92.8	157.5	221.5
0.0	42.5°	26.0	30.2	34.5	38.7	49.9	61.2	72.4	83.7	155.4	227.2
0.0	45°	25.3	29.5	33.8	38.0	48.5	58.4	68.9	78.8	168.1	256.7
0.0	47.5°	24.6	28.8	33.1	37.3	47.8	58.4	68.9	79.5	217.3	354.5
0.0	50°	24.6	28.8	32.4	35.9	48.5	61.9	74.6	87.2	316.5	545.1
0.0	52.5°	26.0	29.5	32.4	35.2	49.9	65.4	80.2	94.9	402.3	708.9
0.0	55°	28.1	30.2	33.1	35.2	53.5	71.0	89.3	106.9	428.3	749.7
0.0	57.5°	30.9	33.1	35.2	37.3	59.8	82.3	104.1	126.6	430.4	733.5
0.0	60°	34.5	37.3	39.4	41.5	65.4	90.0	113.9	137.8	389.6	640.7
0.0	62.5°	42.2	45.7	48.5	52.0	75.3	97.8	121.0	143.5	323.5	503.6
0.0	65°	48.5	51.3	54.2	57.0	79.5	102.7	125.2	147.7	274.3	400.9
0.0	67.5°	49.9	52.7	54.9	57.7	80.9	104.1	126.6	149.8	234.9	319.3
	70°	50.6	54.2	58.4	61.9	85.8	109.7	132.9	156.8	208.2	259.5
	72.5°	48.5	55.6	61.9	68.2	90.7	112.5	135.0	156.8	193.4	230.0
	75°	48.5	58.4	67.5	76.7	93.5	109.7	126.6	142.8	170.9	199.0
	77.5°	51.3	64.0	76.7	89.3	99.2	108.3	118.2	127.3	145.6	163.9
	80°	51.3	64.7	77.4	90.7	94.9	99.9	104.1	108.3	110.4	112.5
	82.5°	44.3	54.9	65.4	76.0	71.0	66.1	61.2	56.3	52.7	48.5
	85°	22.5	24.6	26.0	27.4	25.3	23.2	21.1	19.0	17.6	15.5
	87.5°	9.1	9.1	8.4	8.4	8.4	8.4	7.7	7.7	7.7	7.7
	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: P1049143

CATALOG NUMBER: GALN-SA2C-830-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
40.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
282.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
352.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
436.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
471.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
542.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
682.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1040.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1594.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2052.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1852.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1583.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1237.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
935.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
690.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
488.8											
363.6											
264.4											
199.0											
111.8											
50.6											
14.8											
7.0											
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REPORT NUMBER: P1049143

CATALOG NUMBER: GALN-SA2C-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°	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
0.0	2.5°	52.7	52.0	52.0	51.3	50.6	49.9	49.2	48.5	47.8	47.1
0.0	5°	54.9	54.9	54.9	54.2	54.2	53.5	53.5	52.7	52.0	51.3
0.0	7.5°	57.0	57.7	57.7	58.4	58.4	58.4	58.4	57.7	57.7	57.7
0.0	10°	60.5	61.2	61.9	62.6	63.3	64.0	64.0	64.7	64.7	64.7
0.0	12.5°	64.7	66.8	68.2	70.3	71.7	73.8	75.3	77.4	78.8	80.2
0.0	15°	71.0	74.6	78.8	82.3	85.8	90.7	96.4	101.3	106.2	113.9
0.0	17.5°	80.2	91.4	102.7	113.2	124.5	149.1	173.7	197.6	222.2	258.1
0.0	20°	97.8	131.5	164.6	198.3	231.4	317.9	403.7	490.2	576.0	668.1
0.0	22.5°	137.1	220.1	303.1	386.1	469.1	649.9	829.9	1010.6	1190.7	1402.4
0.0	25°	199.0	351.7	504.3	656.2	808.8	1091.5	1375.0	1657.7	1940.4	2215.4
0.0	27.5°	289.8	523.3	756.8	989.6	1223.0	1606.3	1990.4	2373.7	2757.0	3067.8
0.0	30°	401.6	718.1	1034.6	1351.0	1667.5	2103.6	2539.6	2975.0	3411.0	3750.7
0.0	32.5°	507.1	894.6	1282.1	1668.9	2056.5	2553.0	3050.2	3546.8	4043.3	4414.6
0.0	35°	576.0	1044.4	1513.5	1981.9	2450.3	2987.6	3525.0	4061.6	4598.9	5023.0
0.0	37.5°	644.9	1185.8	1725.9	2266.8	2806.9	3397.0	3987.0	4577.1	5167.2	5691.1
0.0	40°	722.3	1356.7	1990.4	2624.7	3258.4	3957.5	4655.9	5355.0	6053.3	6792.5
0.0	42.5°	856.6	1640.1	2424.3	3207.8	3991.3	4916.1	5841.0	6765.1	7689.9	8744.9
0.0	45°	1109.1	2213.3	3318.2	4422.4	5526.6	6751.7	7977.6	9202.8	10427.9	11831.7
0.0	47.5°	1727.3	3246.5	4764.9	6284.0	7802.5	9125.4	10447.6	11770.5	13092.7	14490.9
0.0	50°	2643.0	4411.1	6179.2	7946.6	9714.8	10911.8	12108.1	13305.1	14501.5	15831.4
0.0	52.5°	3305.5	5147.5	6990.2	8832.1	10674.1	11754.3	12835.3	13915.6	14995.9	16238.6
0.0	55°	3355.5	5186.9	7019.0	8850.4	10681.8	11767.0	12852.2	13937.4	15022.6	16339.9
0.0	57.5°	2970.8	4787.4	6603.3	8420.0	10235.9	11471.6	12706.6	13942.3	15177.3	16601.5
0.0	60°	2527.0	4344.3	6161.0	7978.3	9794.9	11218.4	12642.6	14066.1	15489.6	16823.8
0.0	62.5°	1971.4	3840.8	5710.8	7580.2	9449.6	10894.9	12340.2	13784.8	15230.1	16230.9
0.0	65°	1469.2	3284.4	5099.7	6914.2	8729.4	9887.1	11044.7	12201.6	13359.3	13978.9
0.0	67.5°	1062.0	2627.5	4192.4	5758.0	7322.8	8151.3	8979.8	9807.6	10636.1	11110.1
	70°	718.1	1802.6	2886.4	3970.9	5054.7	5735.5	6417.0	7097.8	7778.6	8418.6
	72.5°	497.2	1106.3	1716.1	2325.1	2934.2	3619.2	4303.5	4988.5	5672.9	6350.1
	75°	329.9	607.0	884.8	1161.9	1439.0	1946.0	2453.8	2960.9	3468.0	3871.7
	77.5°	234.2	317.2	400.9	483.9	566.9	661.8	757.5	852.4	947.4	1091.5
	80°	111.1	121.7	132.2	142.1	152.6	187.1	221.5	256.0	290.5	327.0
	82.5°	52.7	57.0	61.2	64.7	68.9	72.4	76.0	79.5	83.0	79.5
	85°	14.1	14.1	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.1
	87.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	5.6	5.6	4.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA2C-830-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
40.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
293.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
761.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1614.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2490.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3378.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4091.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4786.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5447.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6215.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7531.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9799.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13235.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15889.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17161.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17481.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17657.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18025.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18157.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17232.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14599.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11584.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9057.9											
7027.4											
4275.4											
1235.7											
363.6											
75.3											
13.4											
4.9											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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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°	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
0.0	2.5°	45.7	45.0	44.3	43.6	42.9	41.5	41.5	40.8	40.8
0.0	5°	49.9	49.2	48.5	47.8	47.8	47.1	46.4	46.4	45.7
0.0	7.5°	57.0	56.3	55.6	54.9	54.9	54.2	54.2	53.5	53.5
0.0	10°	65.4	65.4	65.4	65.4	65.4	64.7	64.7	64.7	64.0
0.0	12.5°	82.3	83.0	84.4	85.8	87.9	87.9	87.9	87.2	87.2
0.0	15°	130.1	137.8	143.5	149.1	154.0	165.3	163.9	161.8	160.4
0.0	17.5°	329.1	364.3	383.3	401.6	420.6	472.6	464.2	455.7	448.0
0.0	20°	853.1	945.2	1006.4	1067.6	1129.5	1227.3	1203.4	1179.4	1155.5
0.0	22.5°	1825.1	2036.8	2128.9	2221.0	2312.5	2430.6	2354.0	2277.3	2201.3
0.0	25°	2764.7	3039.7	3195.1	3350.5	3505.3	3572.8	3472.9	3372.3	3272.5
0.0	27.5°	3689.5	4000.4	4137.5	4274.0	4411.1	4552.5	4428.7	4304.2	4180.4
0.0	30°	4430.8	4770.5	4918.9	5066.6	5215.0	5313.5	5185.5	5056.8	4928.8
0.0	32.5°	5158.0	5529.4	5691.9	5854.3	6016.1	6157.4	5999.9	5841.7	5684.1
0.0	35°	5870.5	6294.6	6518.2	6741.9	6965.5	7097.1	6910.0	6722.2	6535.1
0.0	37.5°	6739.8	7263.7	7514.1	7764.5	8014.9	8254.7	8048.6	7841.9	7635.8
0.0	40°	8270.9	9010.0	9394.1	9778.8	10162.8	10472.2	10212.0	9951.8	9691.5
0.0	42.5°	10854.8	11909.8	12461.9	13013.3	13565.4	14048.5	13774.9	13501.4	13227.8
0.0	45°	14639.3	16043.1	16716.2	17388.5	18061.6	18414.6	18020.8	17626.2	17232.4
0.0	47.5°	17286.5	18684.7	19283.9	19883.1	20482.4	20885.4	20403.6	19921.8	19440.8
0.0	50°	18490.6	19820.6	20421.9	21022.5	21623.8	21943.8	21387.5	20830.5	20274.2
0.0	52.5°	18723.4	19966.1	20683.5	21401.6	22119.0	22546.6	21889.7	21232.1	20575.2
0.0	55°	18975.2	20292.5	21124.5	21957.2	22789.2	23381.4	22638.7	21895.3	21152.6
0.0	57.5°	19449.2	20873.4	21703.3	22532.5	23362.4	23865.3	23120.5	22375.0	21630.2
0.0	60°	19491.4	20824.9	21538.0	22251.9	22965.0	23281.5	22569.1	21855.9	21143.5
0.0	62.5°	18233.2	19234.0	19729.1	20224.2	20719.4	21063.3	20319.9	19575.8	18832.4
0.0	65°	15218.8	15838.4	16233.0	16627.5	17022.1	17432.1	16751.3	16070.5	15389.7
0.0	67.5°	12058.9	12532.9	13052.6	13572.4	14092.1	14530.3	13985.2	13439.5	12894.4
	70°	9697.9	10337.2	10921.6	11506.1	12090.5	12449.2	11902.0	11354.2	10807.0
	72.5°	7704.7	8382.0	8870.1	9357.5	9845.6	9933.5	9531.2	9128.9	8727.3
	75°	4678.4	5082.1	5091.9	5101.1	5110.9	5194.6	4861.2	4527.9	4195.2
	77.5°	1379.9	1524.1	1642.9	1761.1	1879.9	2023.4	1901.0	1778.0	1655.6
	80°	399.5	436.0	467.0	497.2	528.2	509.9	481.1	452.2	423.4
	82.5°	71.7	67.5	66.8	66.1	66.1	62.6	57.0	51.3	45.7
	85°	12.7	12.0	11.3	10.5	9.8	9.1	7.7	7.0	5.6
	87.5°	4.2	3.5	2.8	2.1	2.1	0.7	0.7	0.7	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-SA2C-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049143

CATALOG NUMBER: GALN-SA2C-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°	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
0.0	0.0	2.5°	40.1	39.4	39.4	39.4	39.4	38.7	38.7	38.7	38.7
0.0	0.0	5°	44.3	44.3	43.6	43.6	42.9	42.9	42.2	42.2	41.5
0.0	0.0	7.5°	52.0	51.3	50.6	49.9	49.2	47.8	47.1	46.4	46.4
0.0	0.0	10°	62.6	61.2	60.5	59.1	58.4	57.0	55.6	54.2	52.7
0.0	0.0	12.5°	82.3	79.5	77.4	74.6	71.7	69.6	66.8	64.7	61.9
0.0	0.0	15°	142.8	135.7	128.0	118.9	109.0	99.9	90.0	84.4	78.1
0.0	0.0	17.5°	365.0	328.4	291.2	260.9	230.7	201.1	170.9	149.1	127.3
0.0	0.0	20°	929.1	827.8	726.5	626.6	526.1	426.2	325.6	275.0	224.4
0.0	0.0	22.5°	1748.4	1560.6	1372.1	1190.0	1007.1	825.0	642.8	528.2	414.2
0.0	0.0	25°	2698.6	2462.3	2226.0	1926.4	1626.0	1326.4	1026.8	840.4	654.1
0.0	0.0	27.5°	3511.6	3239.4	2967.2	2602.9	2238.6	1874.3	1510.0	1232.2	955.1
0.0	0.0	30°	4215.6	3923.0	3630.5	3206.4	2782.3	2358.2	1934.1	1586.7	1239.2
0.0	0.0	32.5°	4826.1	4475.8	4125.6	3688.1	3250.7	2813.2	2375.8	1949.6	1523.4
0.0	0.0	35°	5530.1	5121.5	4712.1	4226.9	3740.9	3255.6	2770.3	2289.3	1807.5
0.0	0.0	37.5°	6424.7	5923.2	5421.1	4880.2	4339.4	3799.3	3258.4	2708.4	2158.4
0.0	0.0	40°	8137.2	7490.2	6843.2	6156.0	5468.2	4781.1	4093.9	3418.8	2743.6
0.0	0.0	42.5°	11205.8	10331.6	9457.3	8543.1	7628.1	6713.8	5798.8	4846.5	3893.5
0.0	0.0	45°	14668.8	13584.3	12499.1	11473.0	10446.2	9420.1	8393.9	7087.2	5780.5
0.0	0.0	47.5°	16616.3	15445.3	14274.3	13303.0	12331.8	11360.5	10389.2	8980.5	7571.8
0.0	0.0	50°	17333.0	16140.9	14948.8	14054.9	13160.3	12266.3	11371.7	9960.9	8549.4
0.0	0.0	52.5°	17485.6	16269.6	15053.5	14154.0	13254.5	12355.7	11456.1	10054.5	8652.8
0.0	0.0	55°	17799.3	16494.6	15189.3	14163.9	13138.4	12113.0	11087.6	9663.4	8239.2
0.0	0.0	57.5°	18209.3	16871.6	15533.9	14365.7	13197.5	12030.0	10861.8	9304.7	7747.6
0.0	0.0	60°	18101.7	16937.7	15773.0	14521.8	13270.0	12018.8	10766.9	9054.4	7341.1
0.0	0.0	62.5°	16233.7	15306.7	14379.1	13350.1	12320.5	11291.6	10262.6	8499.4	6736.3
0.0	0.0	65°	13355.1	12678.5	12001.9	11174.1	10345.6	9517.8	8690.0	7109.0	5528.7
0.0	0.0	67.5°	10823.9	10061.5	9298.4	8638.7	7978.3	7318.6	6658.2	5414.0	4169.9
		70°	8599.3	7770.1	6940.2	6296.0	5651.1	5006.8	4362.6	3535.5	2709.1
		72.5°	6829.1	6081.5	5333.9	4646.7	3958.9	3271.8	2583.9	2095.1	1606.3
		75°	3264.0	2965.1	2666.2	2306.8	1947.5	1588.1	1228.7	1015.6	803.2
		77.5°	1209.7	1048.6	886.9	740.6	594.3	448.7	302.4	277.1	251.8
		80°	313.0	272.9	232.1	203.3	173.7	144.9	116.0	104.8	94.2
		82.5°	35.9	33.1	30.9	29.5	27.4	26.0	23.9	21.8	19.7
		85°	2.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049143

CATALOG NUMBER: GALN-SA2C-830-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049143

CATALOG NUMBER: GALN-SA2C-830-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	40.8	40.8
0.0	0.0	2.5°	38.0	37.3
0.0	0.0	5°	40.1	39.4
0.0	0.0	7.5°	44.3	42.9
0.0	0.0	10°	48.5	47.1
0.0	0.0	12.5°	54.9	52.7
0.0	0.0	15°	61.9	57.7
0.0	0.0	17.5°	73.8	64.7
0.0	0.0	20°	99.9	76.7
0.0	0.0	22.5°	140.7	95.6
0.0	0.0	25°	206.8	132.2
0.0	0.0	27.5°	287.7	175.8
0.0	0.0	30°	382.6	220.1
0.0	0.0	32.5°	466.3	262.3
0.0	0.0	35°	575.3	305.2
0.0	0.0	37.5°	709.6	360.1
0.0	0.0	40°	917.8	443.1
0.0	0.0	42.5°	1292.7	596.4
0.0	0.0	45°	2099.4	1031.0
0.0	0.0	47.5°	3230.3	1705.5
0.0	0.0	50°	3951.9	2176.7
0.0	0.0	52.5°	4011.0	2173.2
0.0	0.0	55°	3661.4	1932.0
0.0	0.0	57.5°	3124.1	1614.8
0.0	0.0	60°	2596.6	1277.2
0.0	0.0	62.5°	2045.9	881.9
0.0	0.0	65°	1495.2	623.8
0.0	0.0	67.5°	1073.9	466.3
		70°	706.1	357.3
		72.5°	460.0	291.2
		75°	309.5	241.2
		77.5°	180.7	160.4
		80°	64.0	56.3
		82.5°	12.0	8.4
		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: P1049143

CATALOG NUMBER: GALN-SA2C-830-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: SP1-2407-184-9

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

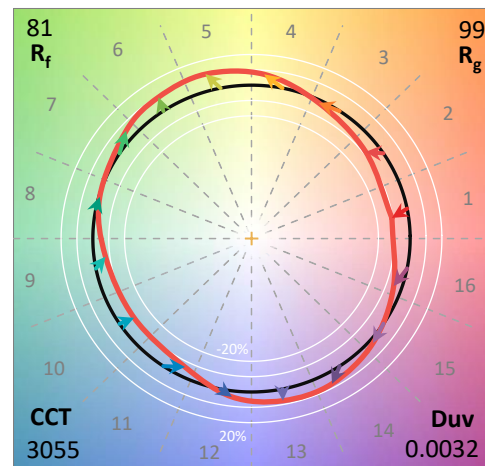
Test Information

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

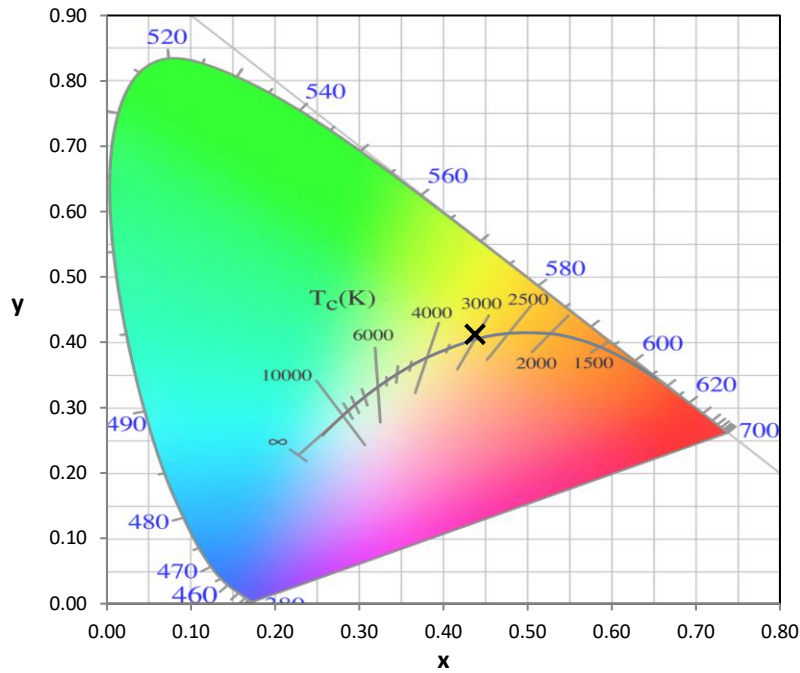
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

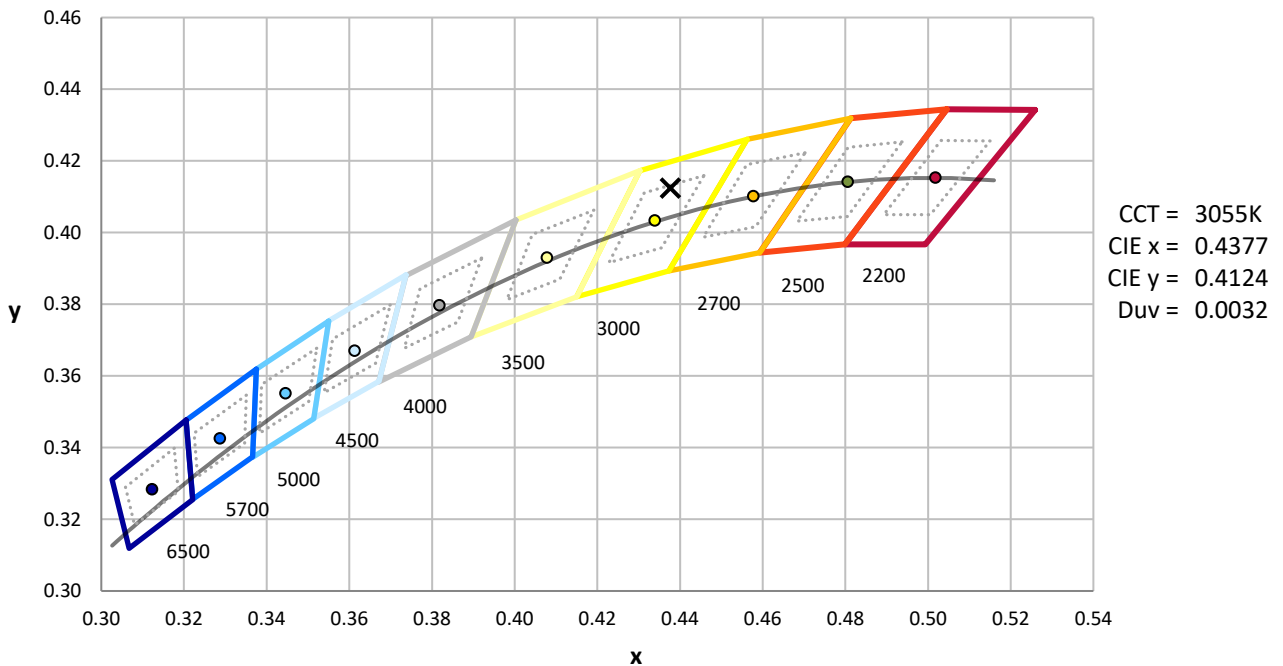
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



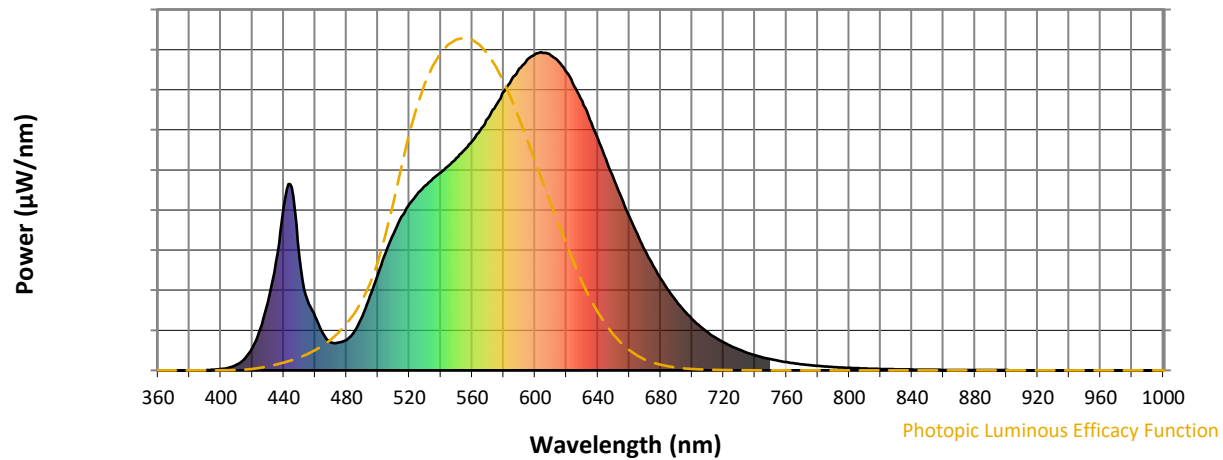
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

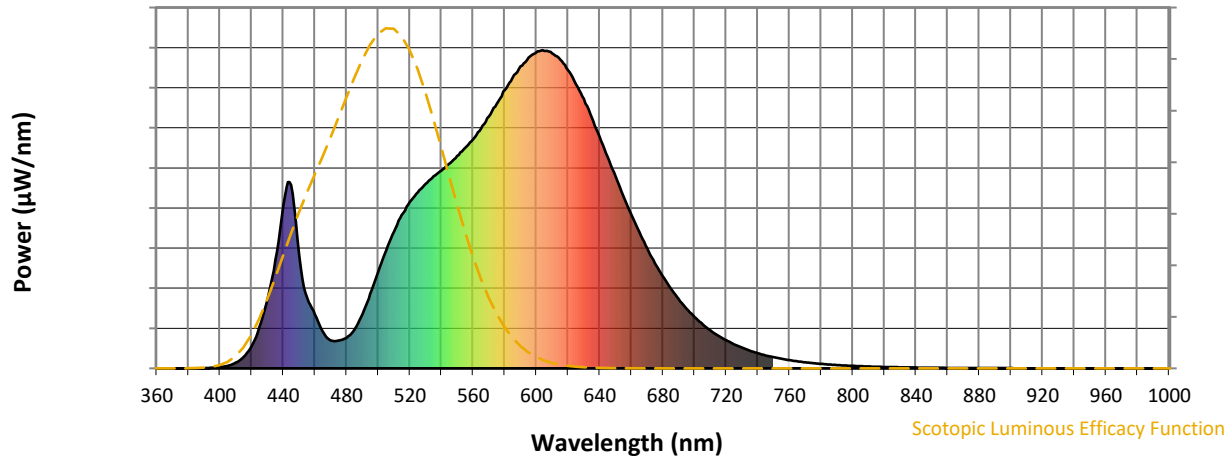


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength



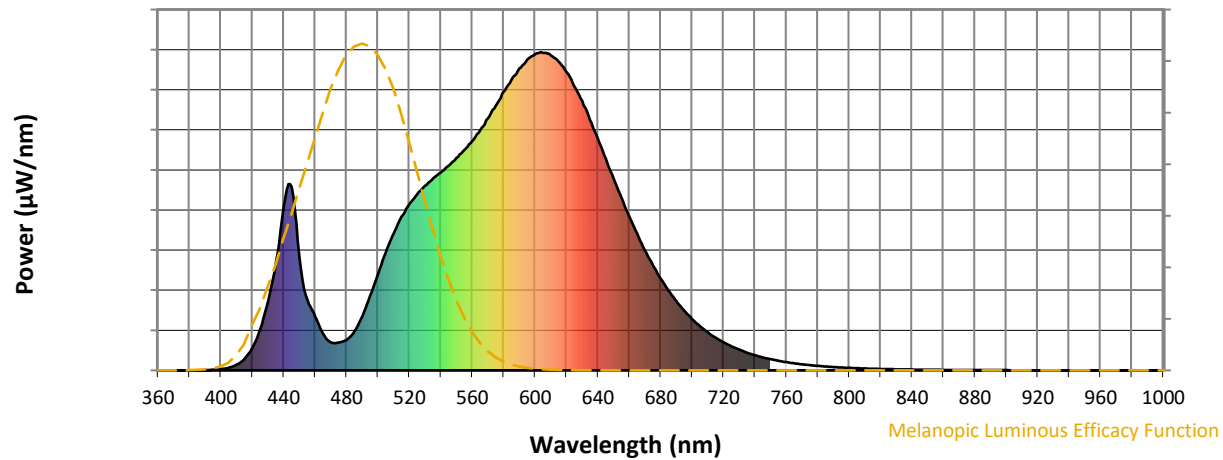
Scotopic Lumens: NR

S/P: 1.28

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	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

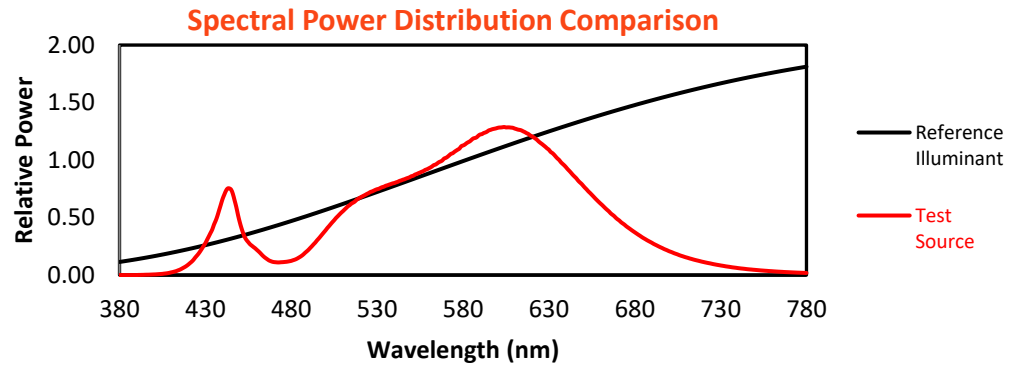
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	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			

REPORT NUMBER: SP1-2407-184-9

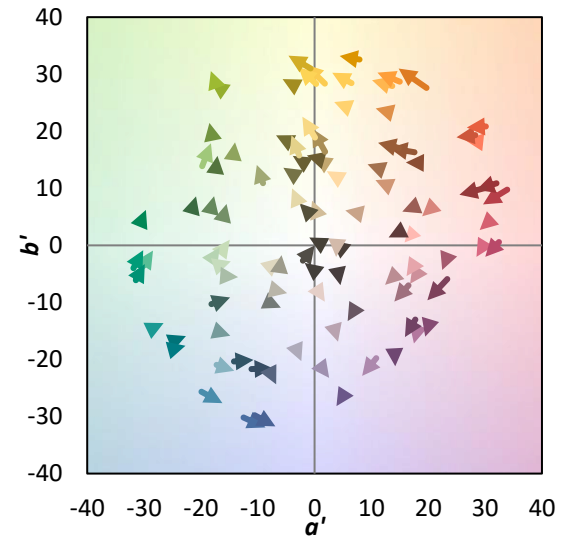
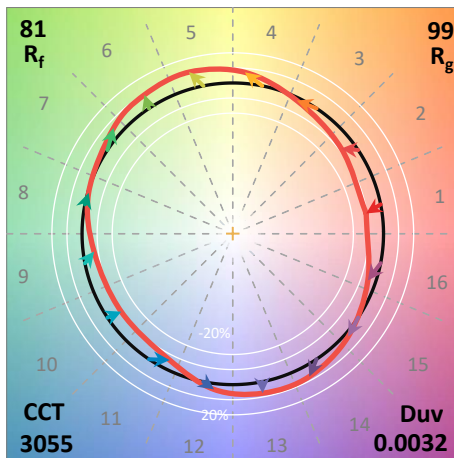
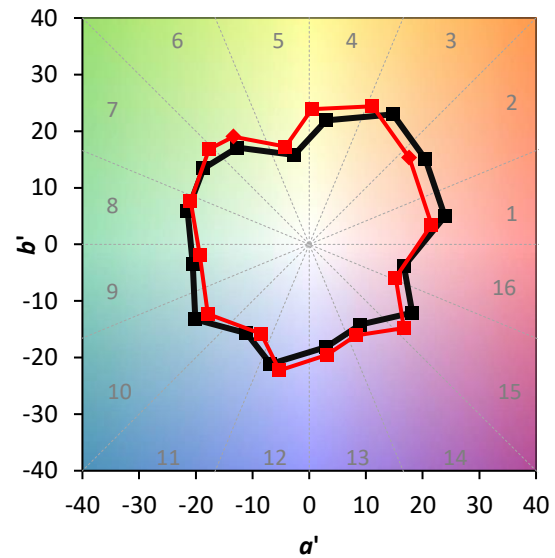
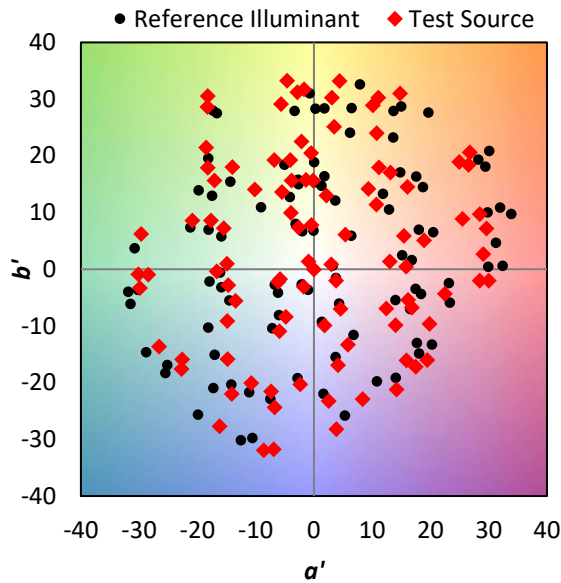
TM-30-18

Summary

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

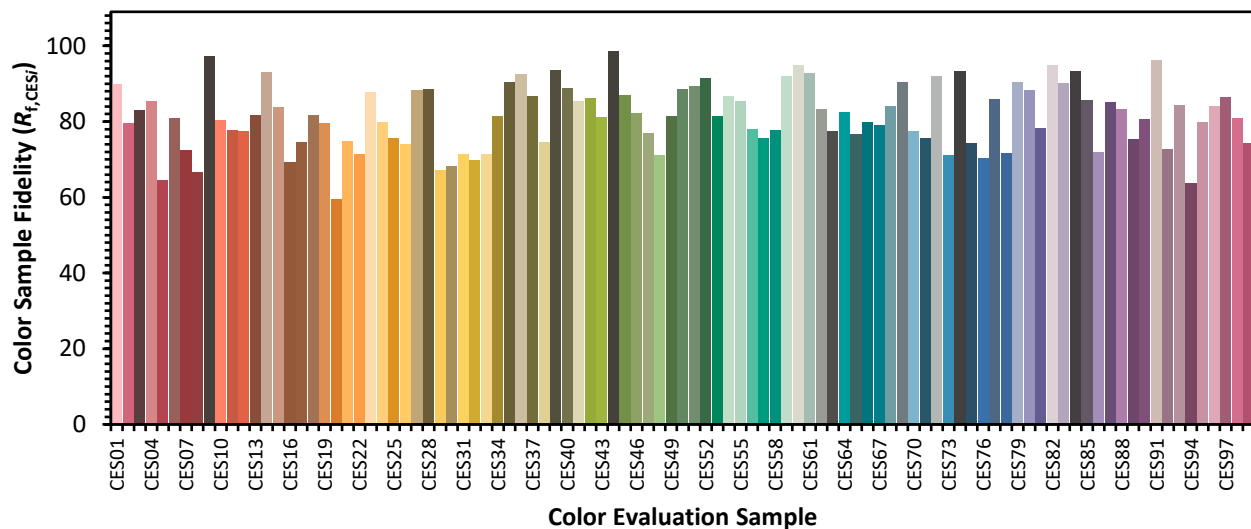


Color Vector Graphics

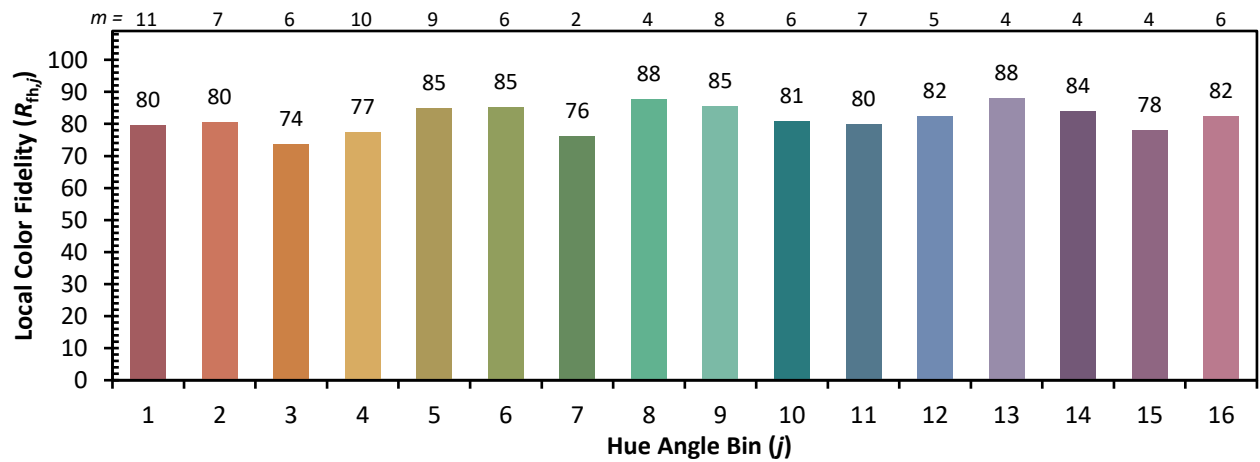
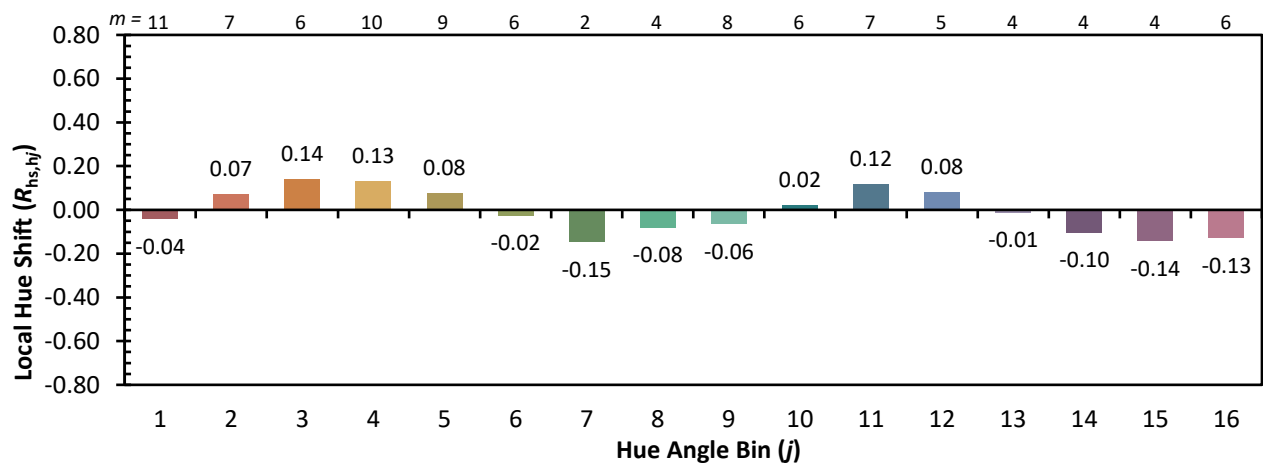
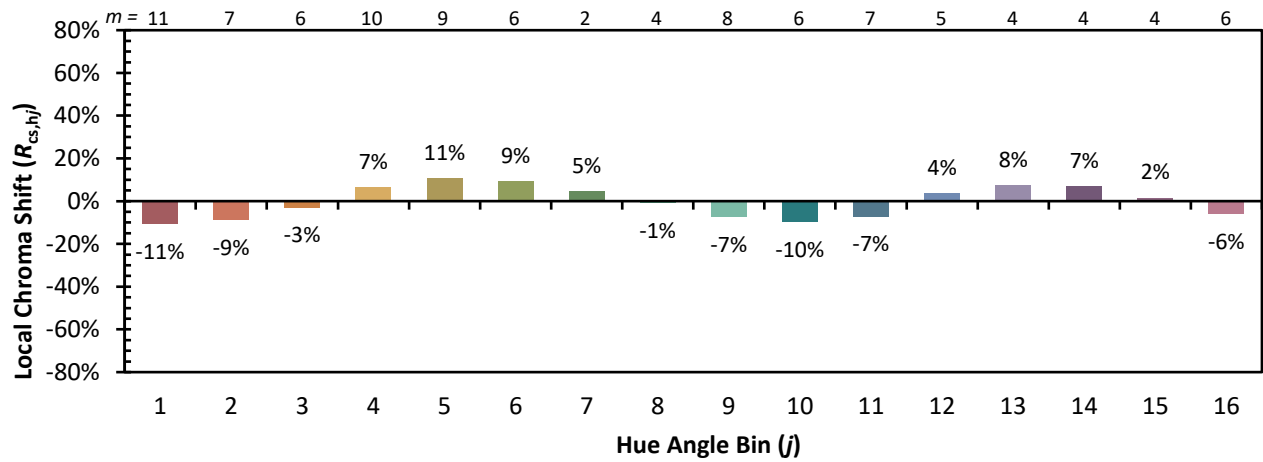


Individual Sample Fidelity Index ($R_{f,i}$)

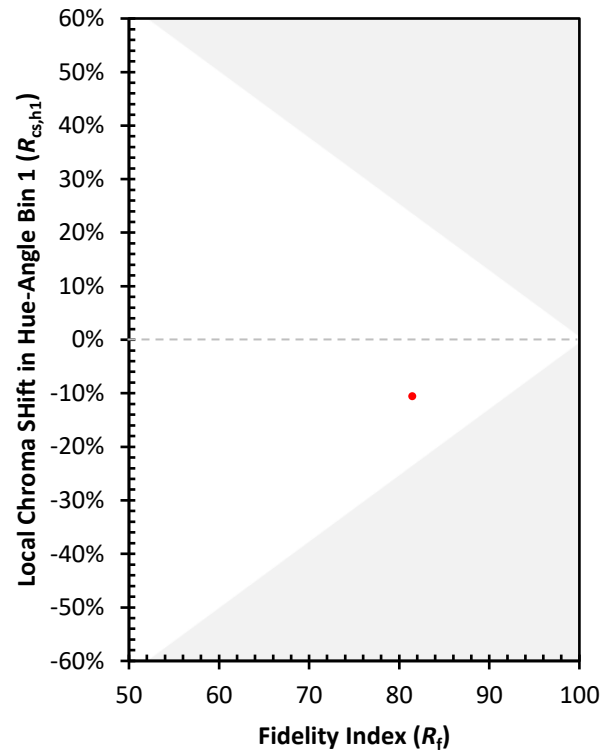
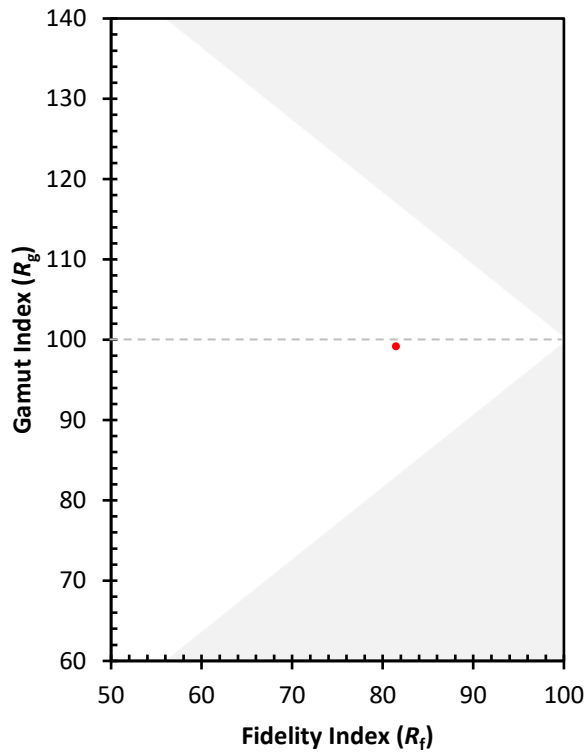
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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)