

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: P1049193

Luminaire Tested: **GALN-SA6A-835-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049193
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6A-835-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
80CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (84) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17471.9 lumens
Efficiency: N/A
Efficacy: 107.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 162.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

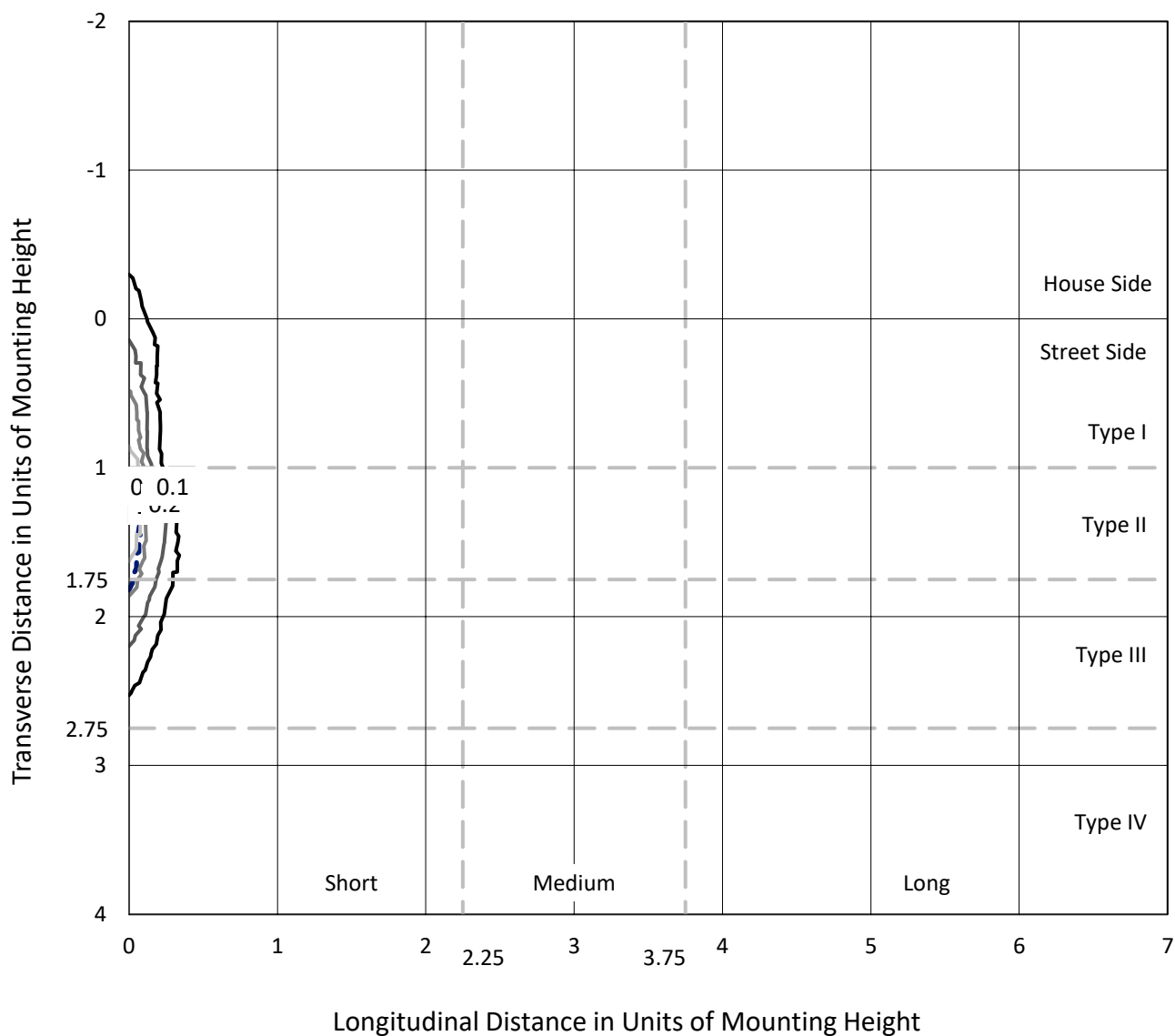
REPORT NUMBER: P1049193

CATALOG NUMBER: GALN-SA6A-835-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

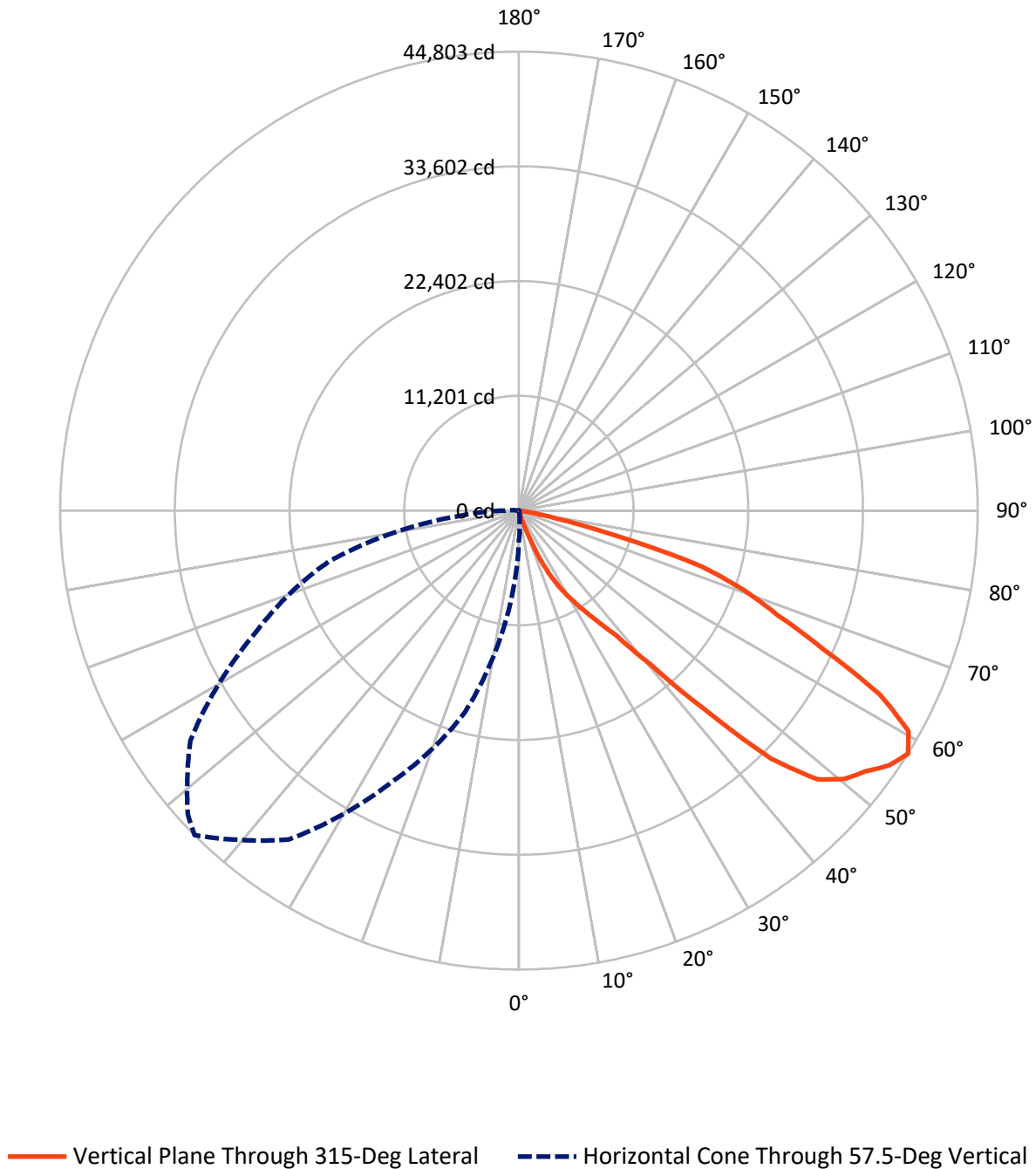


Based on 20 foot mounting height. Maximum calculated value = 2.6 fc

Type III - Short - N/A

REPORT NUMBER: P1049193
CATALOG NUMBER: GALN-SA6A-835-U-RBC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	87.5	0.0	87.5
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	17384.4	0.0	17384.4
	% Fixture	99.5	0.0	99.5
Total	Lumens	17471.9	0.0	17471.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.8	0.0
10°-20°	38.4	0.2
20°-30°	414.1	2.4
30°-40°	1224.4	7.0
40°-50°	3649.2	20.9
50°-60°	5786.3	33.1
60°-70°	4830.1	27.6
70°-80°	1489.4	8.5
80°-90°	33.1	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°	17471.9	100.0
0°-180°	17471.9	100.0



REPORT NUMBER: P1049193

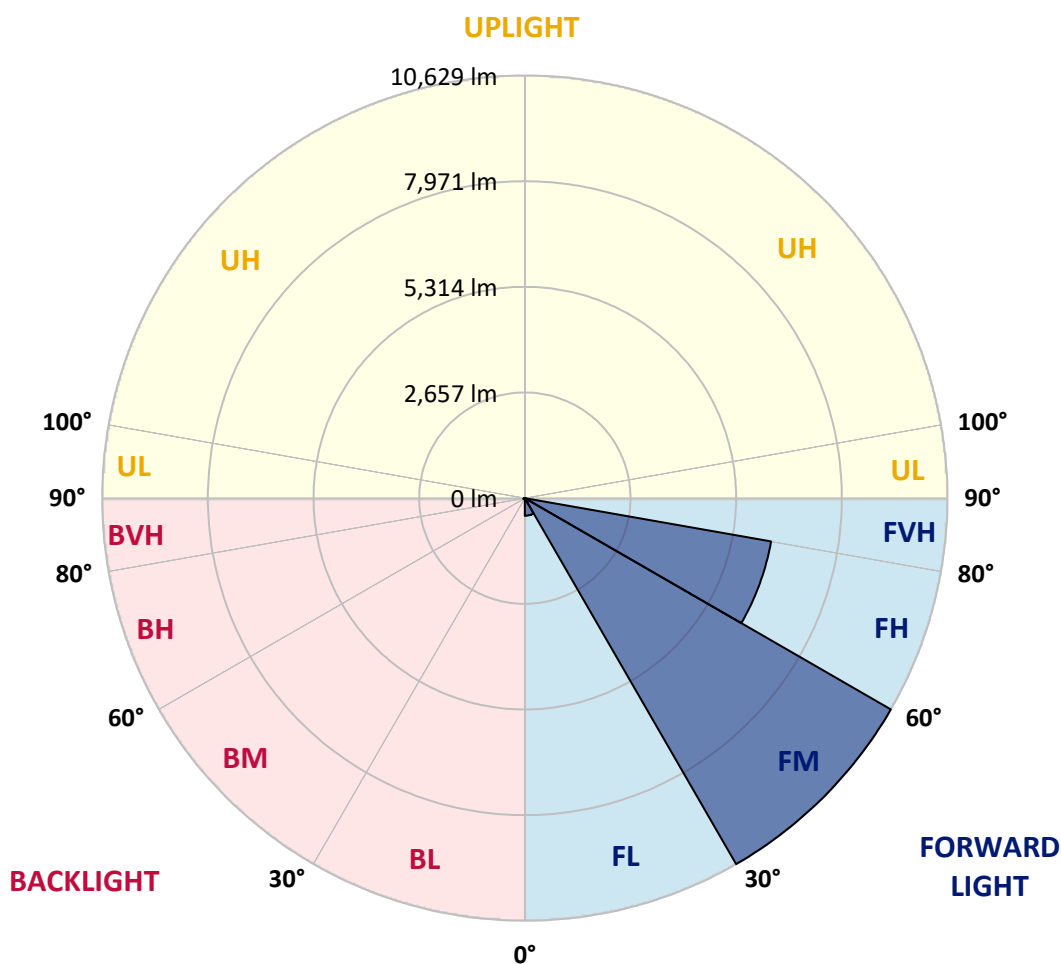
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	443.2	2.5			
FM	(30°-60°)	10628.6	60.8			
FH	(60°-80°)	6286.9	36.0			G3/7500
FVH	(80°-90°)	25.6	0.1			G1/100
BL	(0°-30°)	16.1	0.1	B0/110		
BM	(30°-60°)	31.3	0.2	B0/220		
BH	(60°-80°)	32.6	0.2	B0/110		G0/110
BVH	(80°-90°)	7.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
2.5°	70.0	70.0	70.0	70.0	68.7	68.7	67.3	67.3	66.0	66.0
5°	73.9	73.9	72.6	71.3	71.3	70.0	68.7	67.3	67.3	66.0
7.5°	80.5	79.2	77.9	76.6	73.9	72.6	70.0	68.7	67.3	64.7
10°	88.5	85.8	83.2	80.5	77.9	75.3	72.6	71.3	68.7	67.3
12.5°	99.0	95.1	89.8	85.8	83.2	79.2	76.6	73.9	70.0	67.3
15°	108.3	103.0	96.4	91.1	87.1	81.9	77.9	73.9	71.3	67.3
17.5°	121.5	112.2	101.7	95.1	89.8	83.2	76.6	72.6	68.7	63.4
20°	143.9	125.4	105.6	97.7	89.8	81.9	73.9	68.7	64.7	59.4
22.5°	179.6	147.9	116.2	104.3	93.7	81.9	71.3	66.0	60.7	55.5
25°	248.2	191.4	134.7	118.8	103.0	87.1	71.3	64.7	59.4	52.8
27.5°	330.1	245.6	159.8	137.3	116.2	93.7	71.3	63.4	56.8	48.9
30°	413.3	301.0	187.5	158.4	129.4	100.3	71.3	62.1	54.1	44.9
32.5°	492.5	352.5	211.3	176.9	142.6	106.9	72.6	62.1	51.5	40.9
35°	573.0	394.8	215.2	179.6	143.9	106.9	71.3	59.4	48.9	37.0
37.5°	676.0	442.3	207.3	171.6	137.3	101.7	67.3	56.8	46.2	34.3
40°	831.8	521.5	211.3	174.3	137.3	100.3	63.4	52.8	43.6	33.0
42.5°	1119.6	674.7	228.4	186.2	143.9	100.3	58.1	48.9	40.9	31.7
45°	1935.6	1121.0	306.3	242.9	179.6	116.2	52.8	44.9	38.3	30.4
47.5°	3201.8	1876.2	550.6	425.1	301.0	175.6	51.5	44.9	38.3	30.4
50°	4086.4	2389.8	693.2	533.4	373.7	213.9	54.1	46.2	39.6	31.7
52.5°	4079.8	2426.8	772.4	592.8	414.6	235.0	56.8	48.9	42.3	34.3
55°	3627.0	2207.6	786.9	604.7	423.8	241.6	60.7	52.8	44.9	37.0
57.5°	3031.5	1874.9	718.3	555.9	394.8	232.4	70.0	60.7	52.8	43.6
60°	2397.7	1478.8	559.8	442.3	326.1	208.6	92.4	80.5	70.0	58.1
62.5°	1655.7	1072.1	488.5	392.1	297.1	200.7	105.6	93.7	83.2	71.3
65°	1171.1	806.7	441.0	359.1	278.6	196.7	114.9	101.7	89.8	76.6
67.5°	875.4	641.7	406.7	336.7	266.7	196.7	126.8	110.9	96.4	80.5
70°	670.7	526.8	381.6	324.8	269.3	212.6	155.8	133.4	112.2	89.8
72.5°	546.6	450.2	352.5	311.6	270.7	229.7	188.8	159.8	130.7	100.3
75°	452.9	385.5	318.2	283.9	250.9	216.5	182.2	155.8	130.7	104.3
77.5°	301.0	274.6	246.9	227.1	207.3	186.2	166.4	143.9	122.8	100.3
80°	105.6	101.7	97.7	105.6	113.5	121.5	129.4	113.5	99.0	83.2
82.5°	15.8	14.5	13.2	14.5	15.8	17.2	18.5	19.8	21.1	22.4
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-SA6A-835-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049193

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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°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	64.7	64.7	63.4	63.4	63.4	62.1	62.1	60.7	60.7	60.7
0.0	5°	63.4	63.4	62.1	60.7	59.4	59.4	58.1	56.8	56.8	55.5
0.0	7.5°	62.1	60.7	59.4	58.1	56.8	55.5	54.1	52.8	52.8	51.5
0.0	10°	63.4	60.7	59.4	56.8	55.5	54.1	51.5	50.2	48.9	48.9
0.0	12.5°	60.7	59.4	56.8	54.1	52.8	50.2	48.9	46.2	44.9	44.9
0.0	15°	60.7	58.1	54.1	51.5	48.9	47.5	44.9	42.3	40.9	39.6
0.0	17.5°	56.8	54.1	50.2	47.5	44.9	42.3	39.6	37.0	35.6	34.3
0.0	20°	51.5	48.9	44.9	40.9	38.3	35.6	33.0	30.4	29.0	27.7
0.0	22.5°	46.2	43.6	39.6	35.6	33.0	30.4	26.4	23.8	22.4	19.8
0.0	25°	43.6	39.6	35.6	31.7	27.7	25.1	21.1	17.2	14.5	11.9
0.0	27.5°	37.0	33.0	29.0	25.1	21.1	17.2	13.2	9.2	6.6	5.3
0.0	30°	31.7	27.7	23.8	19.8	14.5	10.6	6.6	1.3	1.3	1.3
0.0	32.5°	26.4	22.4	17.2	13.2	10.6	6.6	4.0	0.0	0.0	0.0
0.0	35°	21.1	17.2	11.9	7.9	6.6	4.0	2.6	0.0	0.0	0.0
0.0	37.5°	18.5	14.5	9.2	4.0	2.6	2.6	1.3	0.0	0.0	0.0
0.0	40°	17.2	11.9	6.6	1.3	1.3	1.3	0.0	0.0	0.0	0.0
0.0	42.5°	17.2	11.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	17.2	11.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	17.2	11.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	18.5	13.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	21.1	15.8	10.6	5.3	4.0	2.6	1.3	0.0	0.0	0.0
0.0	55°	26.4	23.8	19.8	17.2	13.2	9.2	4.0	0.0	0.0	0.0
0.0	57.5°	34.3	34.3	33.0	31.7	23.8	15.8	7.9	0.0	0.0	0.0
0.0	60°	46.2	46.2	46.2	46.2	34.3	23.8	11.9	0.0	0.0	0.0
0.0	62.5°	56.8	54.1	50.2	47.5	35.6	23.8	11.9	0.0	0.0	0.0
0.0	65°	56.8	51.5	44.9	38.3	29.0	19.8	9.2	0.0	0.0	0.0
0.0	67.5°	52.8	42.3	30.4	19.8	14.5	10.6	5.3	0.0	0.0	0.0
	70°	52.8	37.0	21.1	5.3	4.0	2.6	1.3	0.0	0.0	0.0
	72.5°	52.8	35.6	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	58.1	39.6	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	58.1	39.6	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	51.5	34.3	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	17.2	11.9	5.3	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°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	59.4	59.4	59.4	58.1	58.1	58.1	58.1	56.8	56.8	56.8
0.0	5°	54.1	54.1	52.8	52.8	51.5	51.5	50.2	50.2	48.9	48.9
0.0	7.5°	50.2	48.9	48.9	47.5	46.2	46.2	44.9	44.9	43.6	42.3
0.0	10°	46.2	44.9	44.9	43.6	42.3	40.9	40.9	39.6	38.3	37.0
0.0	12.5°	42.3	40.9	39.6	38.3	37.0	35.6	35.6	34.3	33.0	31.7
0.0	15°	37.0	35.6	34.3	33.0	31.7	30.4	30.4	29.0	27.7	26.4
0.0	17.5°	31.7	30.4	30.4	29.0	27.7	26.4	25.1	22.4	21.1	19.8
0.0	20°	23.8	22.4	21.1	19.8	18.5	15.8	14.5	11.9	9.2	7.9
0.0	22.5°	15.8	13.2	11.9	9.2	6.6	5.3	4.0	1.3	0.0	0.0
0.0	25°	5.3	4.0	2.6	1.3	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: P1049193

CATALOG NUMBER: GALN-SA6A-835-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049193

CATALOG NUMBER: GALN-SA6A-835-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	55.5	55.5	55.5	54.1	54.1	54.1	54.1	54.1	54.1	54.1
0.0	5°	47.5	47.5	47.5	46.2	46.2	44.9	44.9	44.9	43.6	43.6
0.0	7.5°	40.9	39.6	39.6	38.3	38.3	37.0	37.0	37.0	35.6	35.6
0.0	10°	34.3	33.0	33.0	31.7	31.7	30.4	30.4	29.0	29.0	27.7
0.0	12.5°	30.4	29.0	27.7	26.4	26.4	25.1	23.8	23.8	22.4	21.1
0.0	15°	23.8	22.4	21.1	19.8	18.5	17.2	15.8	15.8	14.5	13.2
0.0	17.5°	15.8	13.2	11.9	10.6	10.6	9.2	7.9	6.6	5.3	4.0
0.0	20°	4.0	2.6	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049193

CATALOG NUMBER: GALN-SA6A-835-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049193

CATALOG NUMBER: GALN-SA6A-835-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°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	54.1	52.8	52.8	52.8	54.1	54.1	54.1	54.1	54.1	54.1
0.0	5°	43.6	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
0.0	7.5°	35.6	34.3	34.3	34.3	34.3	33.0	33.0	33.0	33.0	33.0
0.0	10°	27.7	26.4	26.4	26.4	26.4	25.1	25.1	25.1	25.1	25.1
0.0	12.5°	19.8	19.8	18.5	18.5	18.5	17.2	17.2	17.2	17.2	15.8
0.0	15°	11.9	10.6	9.2	9.2	9.2	7.9	7.9	7.9	7.9	6.6
0.0	17.5°	2.6	2.6	1.3	1.3	1.3	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049193

CATALOG NUMBER: GALN-SA6A-835-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049193

CATALOG NUMBER: GALN-SA6A-835-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	55.5	55.5	56.8	56.8	58.1	60.7	62.1	63.4	66.0	68.7
0.0	5°	43.6	44.9	44.9	46.2	47.5	48.9	50.2	51.5	54.1	56.8
0.0	7.5°	34.3	34.3	35.6	35.6	37.0	39.6	40.9	42.3	44.9	48.9
0.0	10°	26.4	26.4	27.7	27.7	29.0	31.7	33.0	34.3	37.0	40.9
0.0	12.5°	17.2	18.5	18.5	19.8	21.1	23.8	25.1	26.4	29.0	31.7
0.0	15°	7.9	9.2	9.2	10.6	11.9	14.5	15.8	17.2	19.8	23.8
0.0	17.5°	1.3	1.3	2.6	2.6	4.0	5.3	6.6	7.9	11.9	14.5
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	5.3
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049193

CATALOG NUMBER: GALN-SA6A-835-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049193

CATALOG NUMBER: GALN-SA6A-835-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°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	72.6	75.3	77.9	80.5	83.2	85.8	87.1	89.8	91.1	92.4
0.0	5°	62.1	64.7	68.7	71.3	73.9	76.6	79.2	80.5	81.9	83.2
0.0	7.5°	54.1	56.8	60.7	63.4	66.0	68.7	71.3	73.9	75.3	76.6
0.0	10°	46.2	50.2	52.8	56.8	59.4	62.1	64.7	67.3	70.0	71.3
0.0	12.5°	37.0	40.9	44.9	47.5	51.5	55.5	58.1	60.7	63.4	66.0
0.0	15°	29.0	33.0	37.0	39.6	43.6	47.5	51.5	54.1	56.8	59.4
0.0	17.5°	21.1	25.1	29.0	31.7	35.6	39.6	42.3	46.2	48.9	51.5
0.0	20°	10.6	14.5	18.5	22.4	26.4	30.4	33.0	37.0	39.6	42.3
0.0	22.5°	1.3	5.3	9.2	11.9	15.8	19.8	22.4	26.4	29.0	31.7
0.0	25°	0.0	1.3	4.0	5.3	6.6	9.2	11.9	14.5	17.2	19.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.3	2.6	5.3	7.9	10.6
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	2.6
	85°	0.0	0.0	0.0	0.0	0.0	2.6	4.0	6.6	7.9	9.2
	87.5°	0.0	1.3	2.6	4.0	5.3	7.9	10.6	13.2	14.5	15.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049193

CATALOG NUMBER: GALN-SA6A-835-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
76.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.3											
5.3											
11.9											
17.2											
0.0											
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REPORT NUMBER: P1049193

CATALOG NUMBER: GALN-SA6A-835-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	93.7	93.7	93.7	93.7	92.4	92.4	92.4	91.1	91.1	89.8
0.0	5°	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	85.8	85.8
0.0	7.5°	79.2	80.5	81.9	81.9	83.2	83.2	83.2	81.9	81.9	80.5
0.0	10°	75.3	76.6	76.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9
0.0	12.5°	70.0	71.3	72.6	72.6	73.9	73.9	73.9	73.9	72.6	72.6
0.0	15°	63.4	66.0	67.3	68.7	68.7	70.0	70.0	70.0	70.0	70.0
0.0	17.5°	58.1	60.7	62.1	63.4	63.4	64.7	64.7	66.0	66.0	66.0
0.0	20°	47.5	50.2	51.5	54.1	55.5	56.8	58.1	59.4	59.4	60.7
0.0	22.5°	37.0	39.6	40.9	43.6	44.9	46.2	47.5	48.9	50.2	51.5
0.0	25°	26.4	29.0	30.4	33.0	34.3	35.6	37.0	38.3	38.3	39.6
0.0	27.5°	14.5	17.2	19.8	21.1	23.8	25.1	26.4	27.7	29.0	30.4
0.0	30°	6.6	7.9	9.2	11.9	13.2	14.5	15.8	18.5	19.8	21.1
0.0	32.5°	0.0	0.0	1.3	4.0	5.3	6.6	7.9	9.2	9.2	10.6
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.6	4.0	5.3
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	2.6	2.6	2.6	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	82.5°	6.6	7.9	9.2	9.2	10.6	10.6	10.6	10.6	9.2	9.2
	85°	13.2	14.5	15.8	15.8	17.2	17.2	17.2	17.2	17.2	17.2
	87.5°	18.5	19.8	21.1	21.1	22.4	22.4	22.4	22.4	22.4	22.4
	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: P1049193

CATALOG NUMBER: GALN-SA6A-835-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
76.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	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											
4.0											
9.2											
17.2											
22.4											
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REPORT NUMBER: P1049193

CATALOG NUMBER: GALN-SA6A-835-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°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	88.5	88.5	87.1	87.1	87.1	87.1	87.1	88.5	89.8	89.8
0.0	5°	84.5	84.5	83.2	83.2	83.2	84.5	84.5	85.8	87.1	88.5
0.0	7.5°	80.5	79.2	79.2	80.5	80.5	81.9	81.9	83.2	84.5	85.8
0.0	10°	77.9	76.6	76.6	76.6	77.9	77.9	79.2	80.5	81.9	83.2
0.0	12.5°	72.6	72.6	72.6	72.6	73.9	73.9	75.3	76.6	79.2	80.5
0.0	15°	70.0	68.7	68.7	68.7	68.7	70.0	70.0	72.6	75.3	76.6
0.0	17.5°	64.7	64.7	63.4	63.4	64.7	64.7	66.0	68.7	71.3	72.6
0.0	20°	59.4	58.1	56.8	56.8	58.1	58.1	59.4	62.1	64.7	66.0
0.0	22.5°	51.5	50.2	50.2	50.2	50.2	51.5	51.5	54.1	58.1	60.7
0.0	25°	40.9	42.3	42.3	43.6	43.6	44.9	46.2	48.9	52.8	55.5
0.0	27.5°	31.7	33.0	33.0	35.6	37.0	38.3	39.6	43.6	47.5	50.2
0.0	30°	23.8	25.1	26.4	27.7	30.4	33.0	35.6	39.6	43.6	46.2
0.0	32.5°	14.5	17.2	18.5	21.1	23.8	26.4	29.0	33.0	38.3	42.3
0.0	35°	10.6	11.9	14.5	15.8	18.5	21.1	23.8	29.0	33.0	38.3
0.0	37.5°	5.3	7.9	10.6	13.2	15.8	18.5	21.1	26.4	31.7	35.6
0.0	40°	4.0	6.6	7.9	10.6	14.5	17.2	19.8	25.1	30.4	35.6
0.0	42.5°	2.6	4.0	5.3	9.2	11.9	15.8	19.8	25.1	30.4	35.6
0.0	45°	2.6	2.6	4.0	7.9	11.9	17.2	21.1	26.4	30.4	35.6
0.0	47.5°	2.6	4.0	5.3	10.6	13.2	17.2	21.1	25.1	30.4	34.3
0.0	50°	4.0	5.3	6.6	11.9	14.5	18.5	21.1	26.4	30.4	35.6
0.0	52.5°	2.6	4.0	5.3	10.6	14.5	19.8	23.8	29.0	34.3	38.3
0.0	55°	1.3	1.3	1.3	7.9	15.8	22.4	30.4	34.3	39.6	43.6
0.0	57.5°	0.0	0.0	0.0	5.3	15.8	25.1	34.3	39.6	44.9	48.9
0.0	60°	0.0	0.0	0.0	5.3	15.8	25.1	34.3	40.9	47.5	54.1
0.0	62.5°	0.0	0.0	0.0	5.3	13.2	21.1	29.0	39.6	51.5	62.1
0.0	65°	0.0	0.0	0.0	4.0	10.6	17.2	23.8	39.6	55.5	70.0
0.0	67.5°	0.0	0.0	0.0	4.0	10.6	15.8	22.4	39.6	55.5	72.6
	70°	0.0	0.0	0.0	4.0	10.6	17.2	23.8	39.6	55.5	71.3
	72.5°	0.0	0.0	0.0	4.0	11.9	18.5	26.4	39.6	52.8	66.0
	75°	0.0	0.0	0.0	5.3	11.9	19.8	27.7	39.6	51.5	62.1
	77.5°	0.0	0.0	0.0	4.0	11.9	18.5	26.4	38.3	50.2	60.7
	80°	4.0	2.6	2.6	6.6	11.9	17.2	22.4	34.3	47.5	59.4
	82.5°	7.9	7.9	6.6	9.2	11.9	15.8	19.8	30.4	42.3	52.8
	85°	15.8	15.8	14.5	15.8	15.8	17.2	18.5	23.8	29.0	34.3
	87.5°	21.1	21.1	19.8	19.8	19.8	18.5	18.5	18.5	18.5	17.2
	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: P1049193

CATALOG NUMBER: GALN-SA6A-835-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
76.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.2	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
68.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.1											
79.2											
73.9											
72.6											
71.3											
63.4											
39.6											
17.2											
0.0											
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REPORT NUMBER: P1049193

CATALOG NUMBER: GALN-SA6A-835-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	92.4	93.7	93.7	95.1	96.4	97.7	97.7	99.0	99.0	99.0
0.0	5°	91.1	93.7	95.1	96.4	97.7	99.0	100.3	101.7	103.0	103.0
0.0	7.5°	89.8	91.1	93.7	95.1	97.7	99.0	101.7	103.0	104.3	105.6
0.0	10°	87.1	89.8	92.4	95.1	97.7	100.3	103.0	105.6	108.3	109.6
0.0	12.5°	84.5	88.5	91.1	93.7	97.7	101.7	104.3	108.3	110.9	113.5
0.0	15°	83.2	85.8	89.8	92.4	97.7	103.0	106.9	112.2	117.5	121.5
0.0	17.5°	79.2	84.5	88.5	92.4	97.7	104.3	109.6	114.9	122.8	130.7
0.0	20°	73.9	77.9	83.2	87.1	95.1	101.7	109.6	116.2	128.1	140.0
0.0	22.5°	68.7	73.9	77.9	83.2	92.4	100.3	109.6	117.5	137.3	155.8
0.0	25°	63.4	70.0	75.3	80.5	91.1	101.7	112.2	122.8	155.8	188.8
0.0	27.5°	60.7	66.0	72.6	77.9	91.1	105.6	118.8	132.0	184.8	236.3
0.0	30°	56.8	63.4	68.7	75.3	92.4	109.6	126.8	143.9	224.5	305.0
0.0	32.5°	52.8	59.4	66.0	72.6	95.1	117.5	138.6	161.1	266.7	371.0
0.0	35°	48.9	56.8	63.4	70.0	99.0	129.4	158.4	187.5	305.0	421.2
0.0	37.5°	47.5	55.5	62.1	68.7	100.3	130.7	162.4	192.8	309.0	425.1
0.0	40°	48.9	55.5	63.4	70.0	96.4	122.8	147.9	174.3	295.8	415.9
0.0	42.5°	48.9	56.8	64.7	72.6	93.7	114.9	136.0	157.1	291.8	426.5
0.0	45°	47.5	55.5	63.4	71.3	91.1	109.6	129.4	147.9	315.6	481.9
0.0	47.5°	46.2	54.1	62.1	70.0	89.8	109.6	129.4	149.2	408.0	665.5
0.0	50°	46.2	54.1	60.7	67.3	91.1	116.2	140.0	163.7	594.2	1023.3
0.0	52.5°	48.9	55.5	60.7	66.0	93.7	122.8	150.5	178.2	755.2	1330.9
0.0	55°	52.8	56.8	62.1	66.0	100.3	133.4	167.7	200.7	804.1	1407.5
0.0	57.5°	58.1	62.1	66.0	70.0	112.2	154.5	195.4	237.7	808.0	1377.1
0.0	60°	64.7	70.0	73.9	77.9	122.8	169.0	213.9	258.8	731.5	1202.8
0.0	62.5°	79.2	85.8	91.1	97.7	141.3	183.5	227.1	269.3	607.4	945.4
0.0	65°	91.1	96.4	101.7	106.9	149.2	192.8	235.0	277.3	514.9	752.6
0.0	67.5°	93.7	99.0	103.0	108.3	151.8	195.4	237.7	281.2	441.0	599.4
	70°	95.1	101.7	109.6	116.2	161.1	206.0	249.5	294.4	390.8	487.2
	72.5°	91.1	104.3	116.2	128.1	170.3	211.3	253.5	294.4	363.1	431.8
	75°	91.1	109.6	126.8	143.9	175.6	206.0	237.7	268.0	320.8	373.7
	77.5°	96.4	120.2	143.9	167.7	186.2	203.3	221.8	239.0	273.3	307.6
	80°	96.4	121.5	145.2	170.3	178.2	187.5	195.4	203.3	207.3	211.3
	82.5°	83.2	103.0	122.8	142.6	133.4	124.1	114.9	105.6	99.0	91.1
	85°	42.3	46.2	48.9	51.5	47.5	43.6	39.6	35.6	33.0	29.0
	87.5°	17.2	17.2	15.8	15.8	15.8	15.8	14.5	14.5	14.5	14.5
	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: P1049193

CATALOG NUMBER: GALN-SA6A-835-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
76.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
281.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
390.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
529.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
661.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
751.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
818.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
885.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1018.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1282.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1954.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2993.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3768.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3854.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3477.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2973.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2323.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1756.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1296.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
917.6											
682.6											
496.4											
373.7											
209.9											
95.1											
27.7											
13.2											
0.0											
0.0											
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REPORT NUMBER: P1049193

CATALOG NUMBER: GALN-SA6A-835-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°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	99.0	97.7	97.7	96.4	95.1	93.7	92.4	91.1	89.8	88.5
0.0	5°	103.0	103.0	103.0	101.7	101.7	100.3	100.3	99.0	97.7	96.4
0.0	7.5°	106.9	108.3	108.3	109.6	109.6	109.6	109.6	108.3	108.3	108.3
0.0	10°	113.5	114.9	116.2	117.5	118.8	120.2	120.2	121.5	121.5	121.5
0.0	12.5°	121.5	125.4	128.1	132.0	134.7	138.6	141.3	145.2	147.9	150.5
0.0	15°	133.4	140.0	147.9	154.5	161.1	170.3	180.9	190.1	199.4	213.9
0.0	17.5°	150.5	171.6	192.8	212.6	233.7	279.9	326.1	371.0	417.2	484.6
0.0	20°	183.5	246.9	309.0	372.3	434.4	596.8	757.9	920.3	1081.4	1254.3
0.0	22.5°	257.5	413.3	569.1	724.9	880.7	1220.0	1558.0	1897.3	2235.3	2632.8
0.0	25°	373.7	660.2	946.7	1231.9	1518.4	2049.2	2581.3	3112.0	3642.8	4159.1
0.0	27.5°	544.0	982.3	1420.7	1857.7	2296.1	3015.7	3736.6	4456.1	5175.7	5759.3
0.0	30°	753.9	1348.1	1942.2	2536.4	3130.5	3949.1	4767.7	5585.0	6403.6	7041.4
0.0	32.5°	952.0	1679.5	2407.0	3133.2	3860.7	4792.8	5726.3	6658.5	7590.6	8287.8
0.0	35°	1081.4	1960.7	2841.4	3720.7	4600.1	5608.8	6617.5	7624.9	8633.7	9429.8
0.0	37.5°	1210.7	2226.1	3240.1	4255.4	5269.5	6377.2	7485.0	8592.8	9700.5	10684.2
0.0	40°	1356.0	2546.9	3736.6	4927.5	6117.1	7429.5	8740.6	10053.0	11364.1	12751.8
0.0	42.5°	1608.2	3079.0	4551.2	6022.1	7492.9	9229.2	10965.4	12700.3	14436.6	16417.1
0.0	45°	2082.2	4155.1	6229.4	8302.3	10375.2	12675.2	14976.6	17276.6	19576.6	22212.0
0.0	47.5°	3242.7	6094.7	8945.3	11797.2	14647.8	17131.4	19613.6	22097.2	24579.4	27204.2
0.0	50°	4961.8	8281.2	11600.5	14918.5	18237.8	20485.0	22730.9	24978.1	27224.0	29720.8
0.0	52.5°	6205.6	9663.5	13122.8	16580.8	20038.8	22066.8	24096.2	26124.2	28152.2	30485.3
0.0	55°	6299.3	9737.5	13177.0	16615.1	20053.3	22090.6	24127.8	26165.1	28202.4	30675.4
0.0	57.5°	5577.1	8987.5	12396.6	15807.1	19216.2	21536.0	23854.5	26174.4	28492.9	31166.6
0.0	60°	4744.0	8155.7	11566.2	14977.9	18388.3	21060.7	23734.4	26406.7	29079.1	31583.8
0.0	62.5°	3700.9	7210.4	10721.1	14230.6	17740.1	20453.3	23166.6	25878.6	28591.9	30470.7
0.0	65°	2758.2	6166.0	9573.8	12980.2	16388.0	18561.3	20734.6	22906.5	25079.8	26243.0
0.0	67.5°	1993.7	4932.8	7870.5	10809.6	13747.4	15302.7	16858.1	18412.1	19967.5	20857.4
	70°	1348.1	3384.0	5418.7	7454.6	9489.3	10767.4	12046.8	13324.8	14602.9	15804.4
	72.5°	933.5	2076.9	3221.6	4365.0	5508.4	6794.5	8079.1	9365.2	10649.8	11921.3
	75°	619.2	1139.5	1661.0	2181.2	2701.4	3653.4	4606.7	5558.6	6510.6	7268.5
	77.5°	439.7	595.5	752.6	908.4	1064.2	1242.4	1422.0	1600.2	1778.5	2049.2
	80°	208.6	228.4	248.2	266.7	286.5	351.2	415.9	480.6	545.3	614.0
	82.5°	99.0	106.9	114.9	121.5	129.4	136.0	142.6	149.2	155.8	149.2
	85°	26.4	26.4	27.7	27.7	27.7	27.7	27.7	27.7	27.7	26.4
	87.5°	11.9	11.9	11.9	11.9	11.9	11.9	11.9	10.6	10.6	9.2
	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: P1049193

CATALOG NUMBER: GALN-SA6A-835-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
76.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
229.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
550.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1428.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3030.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4675.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6342.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7680.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8986.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10226.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11669.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14139.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18397.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24847.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29829.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32217.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32818.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33149.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33840.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34087.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32350.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27407.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21748.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17004.6											
13192.8											
8026.3											
2319.8											
682.6											
141.3											
25.1											
9.2											
0.0											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1049193

CATALOG NUMBER: GALN-SA6A-835-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	2.5°	85.8	84.5	83.2	81.9	80.5	77.9	77.9	76.6	76.6
0.0	5°	93.7	92.4	91.1	89.8	89.8	88.5	87.1	87.1	85.8
0.0	7.5°	106.9	105.6	104.3	103.0	103.0	101.7	101.7	100.3	100.3
0.0	10°	122.8	122.8	122.8	122.8	122.8	121.5	121.5	121.5	120.2
0.0	12.5°	154.5	155.8	158.4	161.1	165.0	165.0	165.0	163.7	163.7
0.0	15°	244.3	258.8	269.3	279.9	289.2	310.3	307.6	303.7	301.0
0.0	17.5°	617.9	683.9	719.6	753.9	789.6	887.3	871.4	855.6	841.1
0.0	20°	1601.6	1774.5	1889.4	2004.3	2120.5	2304.0	2259.1	2214.2	2169.3
0.0	22.5°	3426.3	3823.7	3996.7	4169.6	4341.3	4563.1	4419.2	4275.3	4132.7
0.0	25°	5190.2	5706.5	5998.3	6290.1	6580.6	6707.3	6519.8	6331.0	6143.5
0.0	27.5°	6926.5	7510.1	7767.5	8023.7	8281.2	8546.5	8314.2	8080.5	7848.1
0.0	30°	8318.1	8955.8	9234.4	9511.7	9790.3	9975.1	9734.8	9493.2	9252.9
0.0	32.5°	9683.4	10380.5	10685.5	10990.5	11294.2	11559.6	11263.8	10966.7	10671.0
0.0	35°	11020.9	11817.0	12236.9	12656.8	13076.6	13323.5	12972.3	12619.8	12268.6
0.0	37.5°	12652.8	13636.4	14106.5	14576.5	15046.6	15496.8	15109.9	14721.8	14334.9
0.0	40°	15527.2	16914.8	17635.7	18358.0	19078.9	19659.8	19171.3	18682.8	18194.2
0.0	42.5°	20378.1	22358.6	23395.1	24430.2	25466.7	26373.7	25860.1	25346.5	24832.9
0.0	45°	27482.8	30118.2	31381.8	32644.0	33907.6	34570.4	33831.0	33090.3	32350.9
0.0	47.5°	32452.6	35077.4	36202.3	37327.3	38452.2	39208.7	38304.3	37399.9	36496.8
0.0	50°	34713.0	37209.7	38338.6	39466.2	40595.1	41195.8	40151.5	39105.8	38061.4
0.0	52.5°	35150.0	37483.1	38829.8	40177.9	41524.6	42327.4	41094.2	39859.7	38626.5
0.0	55°	35622.7	38095.7	39657.7	41220.9	42782.9	43894.6	42500.3	41104.7	39710.5
0.0	57.5°	36512.6	39186.3	40744.3	42301.0	43859.0	44803.0	43404.8	42005.2	40607.0
0.0	60°	36591.8	39095.2	40434.0	41774.2	43113.0	43707.1	42369.6	41030.8	39693.3
0.0	62.5°	34229.7	36108.6	37038.1	37967.6	38897.1	39542.8	38147.2	36750.3	35354.7
0.0	65°	28570.8	29734.0	30474.7	31215.4	31956.1	32725.9	31447.8	30169.7	28891.6
0.0	67.5°	22638.5	23528.4	24504.1	25479.9	26455.6	27278.2	26254.9	25230.3	24207.1
	70°	18206.1	19406.3	20503.5	21600.7	22697.9	23371.3	22344.1	21315.5	20288.3
	72.5°	14464.3	15735.8	16652.1	17567.1	18483.4	18648.4	17893.2	17138.0	16384.1
	75°	8782.9	9540.8	9559.2	9576.4	9594.9	9752.0	9126.2	8500.3	7875.8
	77.5°	2590.5	2861.2	3084.3	3306.1	3529.3	3798.6	3568.9	3337.8	3108.1
	80°	750.0	818.6	876.7	933.5	991.6	957.2	903.1	849.0	794.8
	82.5°	134.7	126.8	125.4	124.1	124.1	117.5	106.9	96.4	85.8
	85°	23.8	22.4	21.1	19.8	18.5	17.2	14.5	13.2	10.6
	87.5°	7.9	6.6	5.3	4.0	4.0	1.3	1.3	1.3	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: P1049193

CATALOG NUMBER: GALN-SA6A-835-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049193

CATALOG NUMBER: GALN-SA6A-835-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°	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	0.0	2.5°	75.3	73.9	73.9	73.9	73.9	72.6	72.6	72.6	72.6
0.0	0.0	5°	83.2	83.2	81.9	81.9	80.5	80.5	79.2	79.2	77.9
0.0	0.0	7.5°	97.7	96.4	95.1	93.7	92.4	89.8	88.5	87.1	87.1
0.0	0.0	10°	117.5	114.9	113.5	110.9	109.6	106.9	104.3	101.7	99.0
0.0	0.0	12.5°	154.5	149.2	145.2	140.0	134.7	130.7	125.4	121.5	116.2
0.0	0.0	15°	268.0	254.8	240.3	223.1	204.7	187.5	169.0	158.4	146.6
0.0	0.0	17.5°	685.3	616.6	546.6	489.8	433.1	377.6	320.8	279.9	239.0
0.0	0.0	20°	1744.2	1554.0	1363.9	1176.4	987.6	800.1	611.3	516.3	421.2
0.0	0.0	22.5°	3282.4	2929.8	2576.0	2234.0	1890.7	1548.8	1206.8	991.6	777.7
0.0	0.0	25°	5066.1	4622.5	4178.9	3616.4	3052.6	2490.2	1927.7	1577.8	1227.9
0.0	0.0	27.5°	6592.4	6081.5	5570.5	4886.6	4202.6	3518.7	2834.8	2313.2	1793.0
0.0	0.0	30°	7914.1	7364.8	6815.6	6019.4	5223.3	4427.1	3630.9	2978.7	2326.4
0.0	0.0	32.5°	9060.2	8402.6	7745.1	6923.8	6102.6	5281.3	4460.1	3660.0	2859.9
0.0	0.0	35°	10381.8	9614.7	8846.3	7935.2	7022.9	6111.8	5200.8	4297.7	3393.3
0.0	0.0	37.5°	12061.3	11119.9	10177.2	9161.8	8146.5	7132.5	6117.1	5084.6	4052.1
0.0	0.0	40°	15276.3	14061.6	12846.9	11556.9	10265.6	8975.7	7685.7	6418.2	5150.6
0.0	0.0	42.5°	21036.9	19395.8	17754.6	16038.1	14320.4	12603.9	10886.2	9098.4	7309.4
0.0	0.0	45°	27538.3	25502.3	23465.0	21538.7	19611.0	17684.6	15758.2	13305.0	10851.9
0.0	0.0	47.5°	31194.3	28995.9	26797.6	24974.2	23150.8	21327.4	19504.0	16859.4	14214.8
0.0	0.0	50°	32539.7	30301.7	28063.8	26385.6	24706.2	23028.0	21348.5	18699.9	16050.0
0.0	0.0	52.5°	32826.2	30543.4	28260.5	26571.8	24883.1	23195.7	21507.0	18875.5	16244.1
0.0	0.0	55°	33415.1	30965.9	28515.3	26590.3	24665.2	22740.2	20815.1	18141.4	15467.8
0.0	0.0	57.5°	34184.9	31673.6	29162.3	26969.2	24776.1	22584.4	20391.3	17468.1	14544.8
0.0	0.0	60°	33982.8	31797.7	29611.2	27262.3	24912.1	22563.2	20213.0	16998.0	13781.7
0.0	0.0	62.5°	30476.0	28735.8	26994.3	25062.6	23129.7	21198.0	19266.4	15956.3	12646.2
0.0	0.0	65°	25071.9	23801.7	22531.6	20977.5	19422.2	17868.1	16314.1	13346.0	10379.2
0.0	0.0	67.5°	20320.0	18888.7	17456.2	16217.7	14977.9	13739.4	12499.6	10164.0	7828.3
		70°	16143.8	14587.1	13029.1	11819.7	10608.9	9399.5	8190.1	6637.3	5085.9
		72.5°	12820.5	11417.0	10013.4	8723.5	7432.2	6142.2	4850.9	3933.3	3015.7
		75°	6127.7	5566.5	5005.4	4330.7	3656.0	2981.3	2306.6	1906.6	1507.8
		77.5°	2271.0	1968.6	1664.9	1390.3	1115.7	842.4	567.7	520.2	472.7
		80°	587.6	512.3	435.7	381.6	326.1	272.0	217.9	196.7	176.9
		82.5°	67.3	62.1	58.1	55.5	51.5	48.9	44.9	40.9	37.0
		85°	4.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049193

CATALOG NUMBER: GALN-SA6A-835-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049193

CATALOG NUMBER: GALN-SA6A-835-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	76.6	76.6
0.0	0.0	2.5°	71.3	70.0
0.0	0.0	5°	75.3	73.9
0.0	0.0	7.5°	83.2	80.5
0.0	0.0	10°	91.1	88.5
0.0	0.0	12.5°	103.0	99.0
0.0	0.0	15°	116.2	108.3
0.0	0.0	17.5°	138.6	121.5
0.0	0.0	20°	187.5	143.9
0.0	0.0	22.5°	264.1	179.6
0.0	0.0	25°	388.2	248.2
0.0	0.0	27.5°	540.0	330.1
0.0	0.0	30°	718.3	413.3
0.0	0.0	32.5°	875.4	492.5
0.0	0.0	35°	1080.0	573.0
0.0	0.0	37.5°	1332.2	676.0
0.0	0.0	40°	1723.0	831.8
0.0	0.0	42.5°	2426.8	1119.6
0.0	0.0	45°	3941.2	1935.6
0.0	0.0	47.5°	6064.3	3201.8
0.0	0.0	50°	7419.0	4086.4
0.0	0.0	52.5°	7529.9	4079.8
0.0	0.0	55°	6873.7	3627.0
0.0	0.0	57.5°	5864.9	3031.5
0.0	0.0	60°	4874.7	2397.7
0.0	0.0	62.5°	3840.9	1655.7
0.0	0.0	65°	2807.0	1171.1
0.0	0.0	67.5°	2016.2	875.4
		70°	1325.6	670.7
		72.5°	863.5	546.6
		75°	580.9	452.9
		77.5°	339.3	301.0
		80°	120.2	105.6
		82.5°	22.4	15.8
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049193

CATALOG NUMBER: GALN-SA6A-835-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: SP1-2407-184-10

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-835-U-5WQ

Data in this report applies to families of products including GSS-SB1A-835-U-5WQ

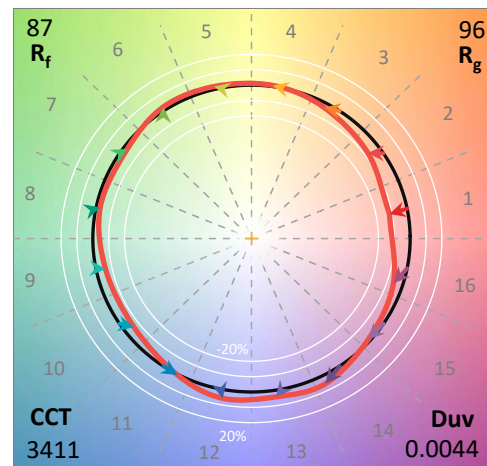
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-10
 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-835-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3411
 CIE u' : 0.2360
 CIE v' : 0.5189
 Duv: 0.0044
 CIE x: 0.4154
 CIE y: 0.4059
 CIE z: 0.1787
 Peak Wavelength (nm): 601
 Dominant Wavelength (nm): 579
 Purity: 46.51914
 R_f: 86.6
 R_g: 95.9

CRI (Ra): 83.5
 R1: 81.1
 R2: 88.9
 R3: 97.2
 R4: 83.8
 R5: 81.7
 R6: 86.9
 R7: 86.1
 R8: 62.2
 R9: 6.3
 R10: 75.4
 R11: 84.1
 R12: 69.7
 R13: 82.8
 R14: 98.5
 R15: 72.6



Test Conditions

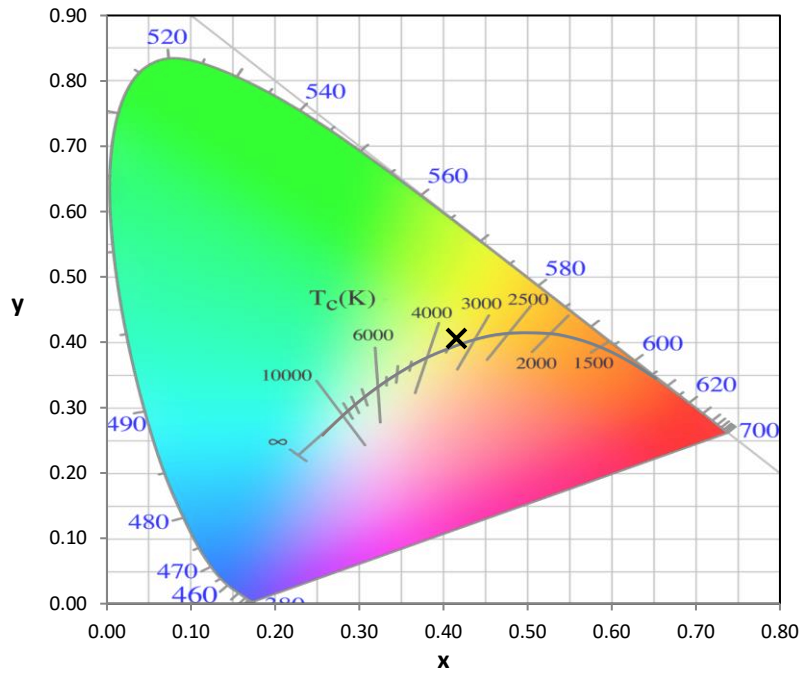
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-10

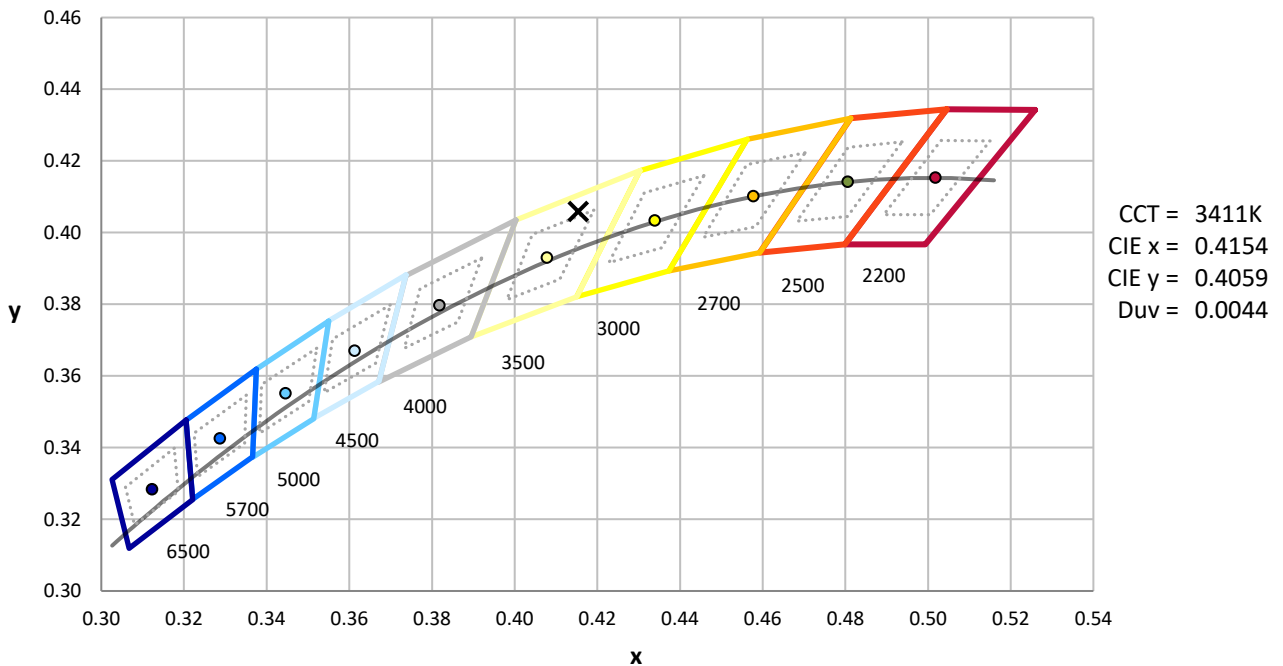
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-10

CIE 1931 Chromaticity Diagram



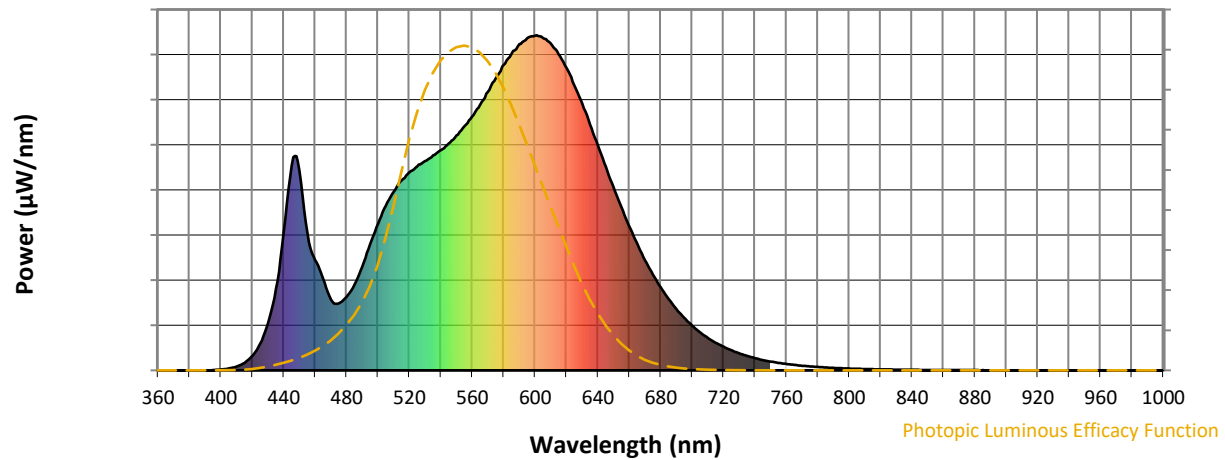
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

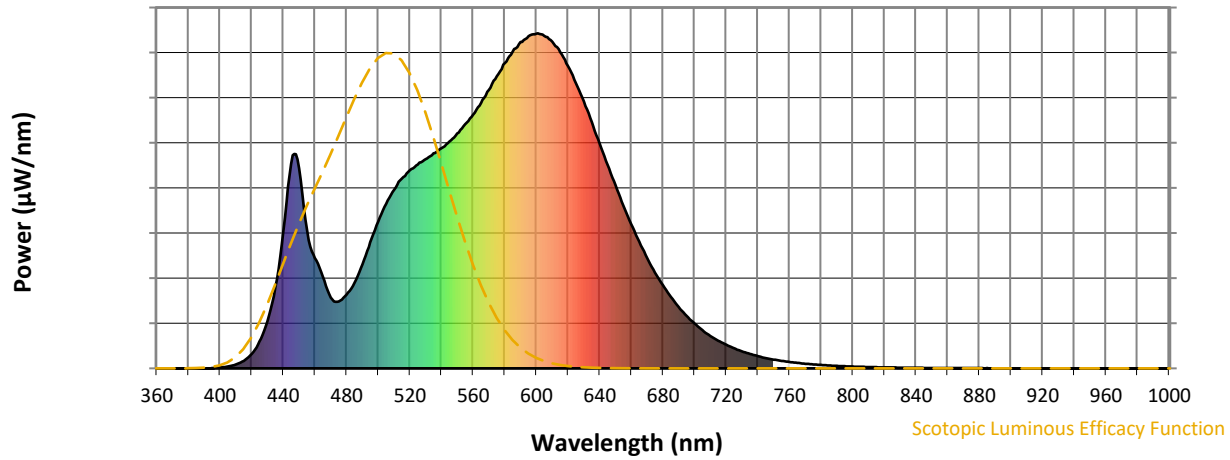


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Scotopic Flux vs. Wavelength



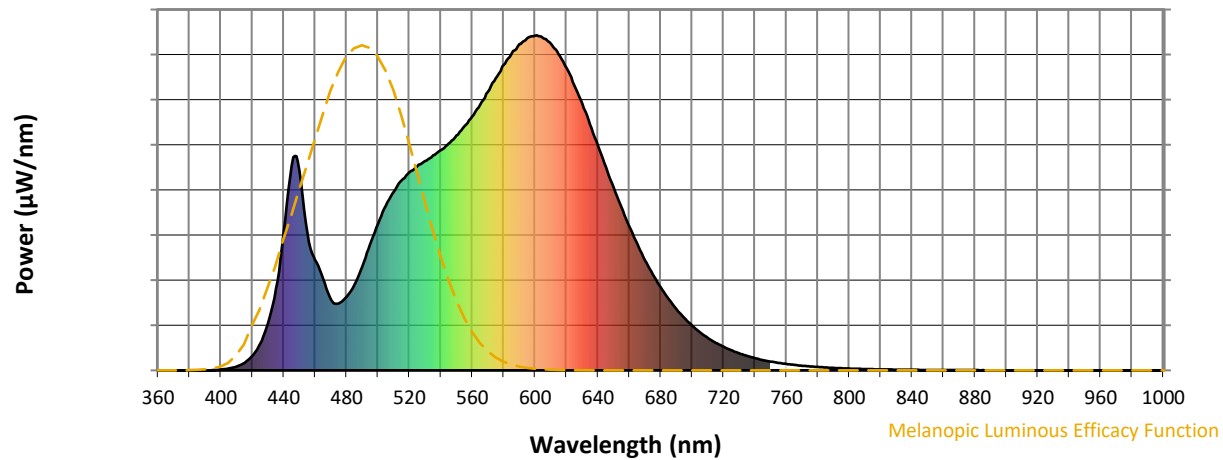
Scotopic Lumens: NR

S/P: 1.48

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	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.88

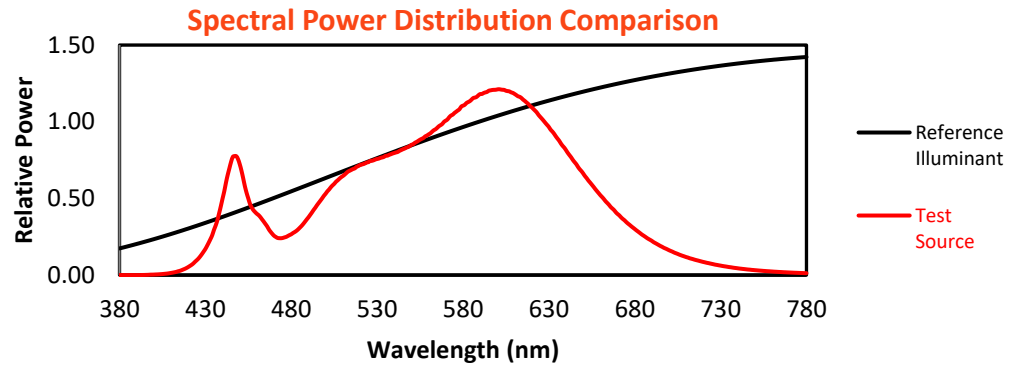
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903	NR	750	26	NR	880	1	NR
365	0	NR	495	376	NR	625	851	NR	755	22	NR	885	1	NR
370	0	NR	500	438	NR	630	797	NR	760	19	NR	890	0	NR
375	0	NR	505	491	NR	635	735	NR	765	16	NR	895	0	NR
380	0	NR	510	533	NR	640	672	NR	770	14	NR	900	0	NR
385	0	NR	515	566	NR	645	607	NR	775	12	NR	905	0	NR
390	0	NR	520	592	NR	650	546	NR	780	10	NR	910	0	NR
395	1	NR	525	608	NR	655	487	NR	785	9	NR	915	0	NR
400	3	NR	530	625	NR	660	429	NR	790	7	NR	920	0	NR
405	6	NR	535	642	NR	665	378	NR	795	6	NR	925	0	NR
410	12	NR	540	657	NR	670	329	NR	800	5	NR	930	0	NR
415	22	NR	545	677	NR	675	286	NR	805	5	NR	935	0	NR
420	43	NR	550	701	NR	680	248	NR	810	4	NR	940	0	NR
425	80	NR	555	728	NR	685	213	NR	815	3	NR	945	0	NR
430	140	NR	560	757	NR	690	184	NR	820	3	NR	950	0	NR
435	243	NR	565	793	NR	695	156	NR	825	3	NR	955	0	NR
440	412	NR	570	831	NR	700	134	NR	830	2	NR	960	0	NR
445	610	NR	575	872	NR	705	114	NR	835	2	NR	965	0	NR
450	597	NR	580	911	NR	710	97	NR	840	2	NR	970	0	NR
455	412	NR	585	944	NR	715	83	NR	845	1	NR	975	0	NR
460	330	NR	590	974	NR	720	70	NR	850	1	NR	980	0	NR
465	274	NR	595	992	NR	725	60	NR	855	1	NR	985	0	NR
470	211	NR	600	999	NR	730	51	NR	860	1	NR	990	0	NR
475	200	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	220	NR	610	975	NR	740	36	NR	870	1	NR	1000	0	NR
485	255	NR	615	944	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-10

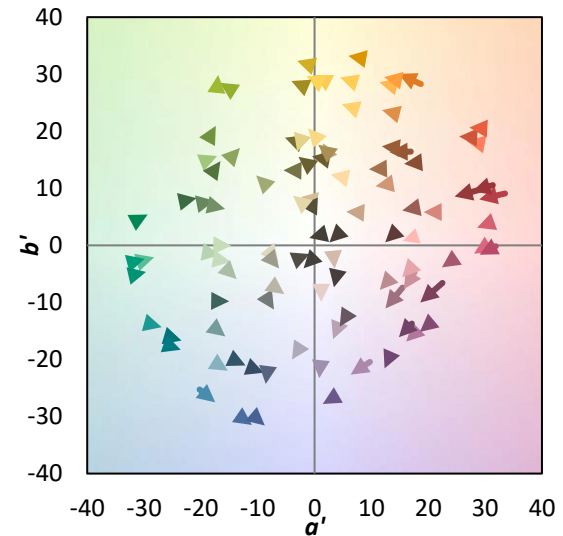
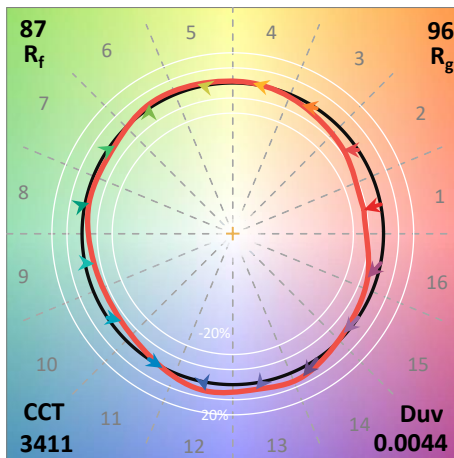
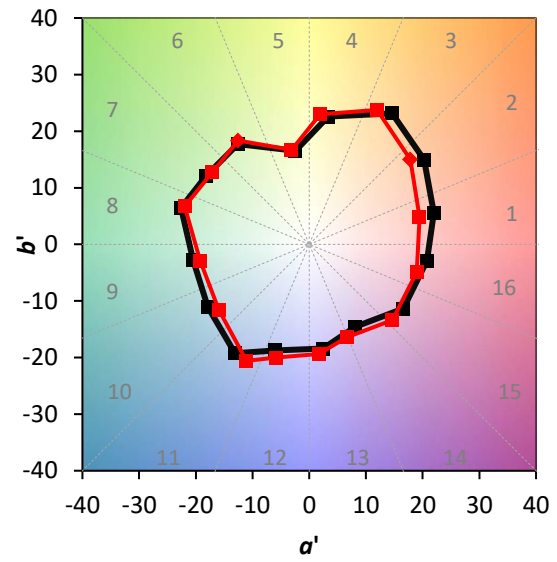
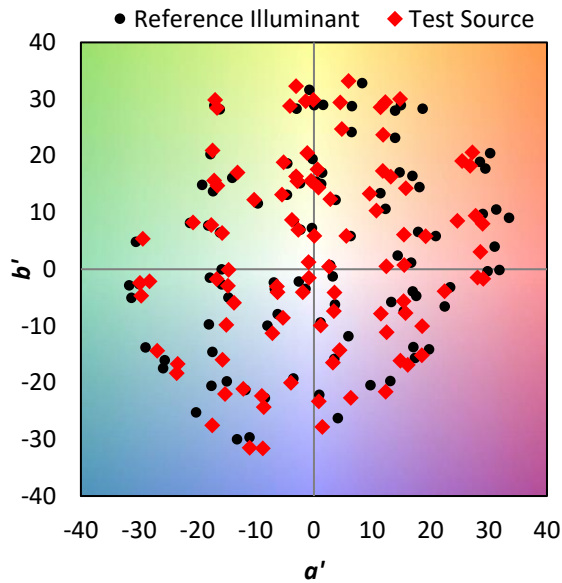
TM-30-18

Summary

$R_f = 86.6$
 $R_g = 95.9$
 $\text{CIE } R_a = 83.5$
 $R_9 = 6.3$

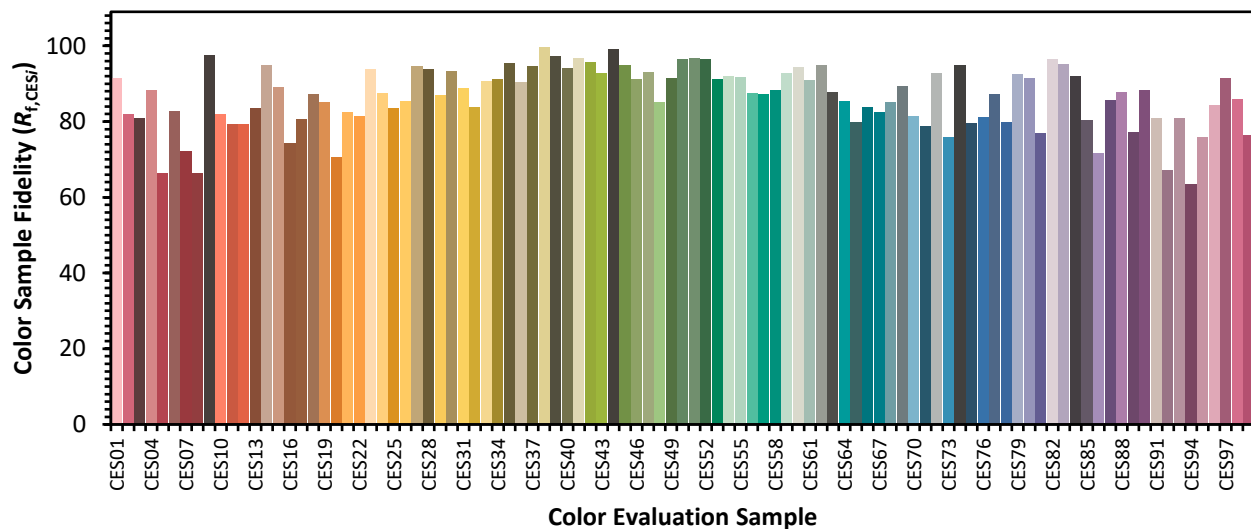


Color Vector Graphics

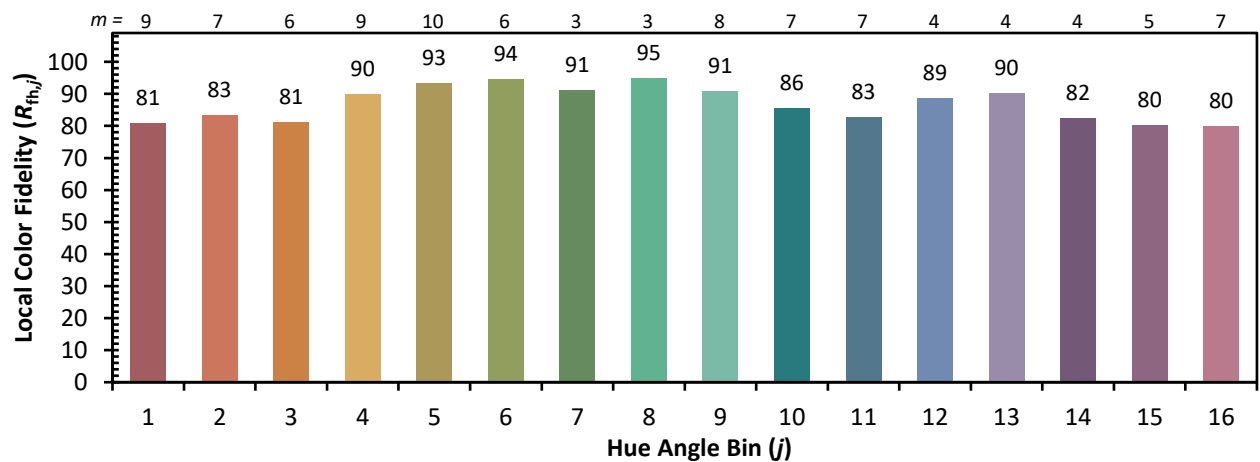
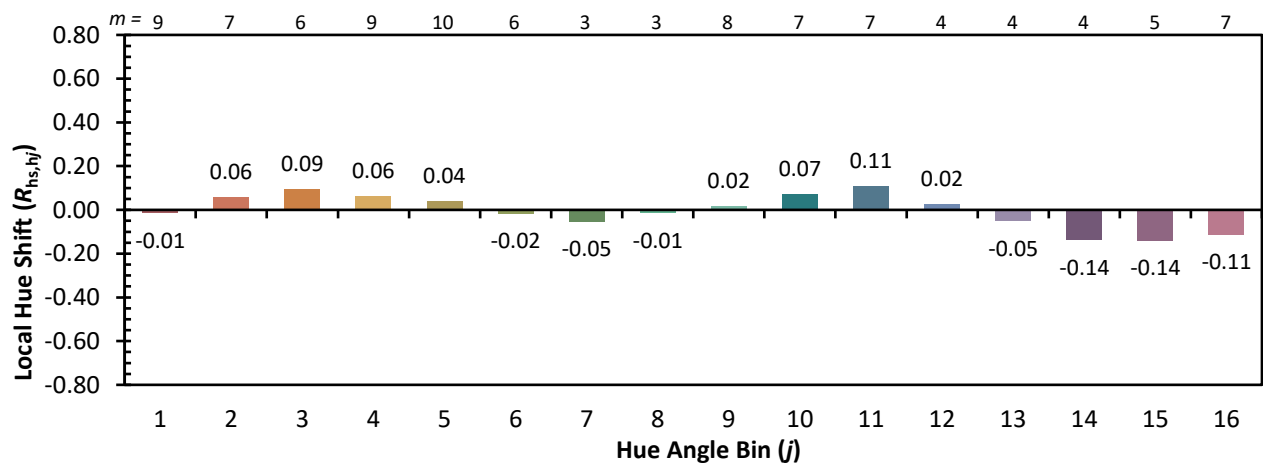
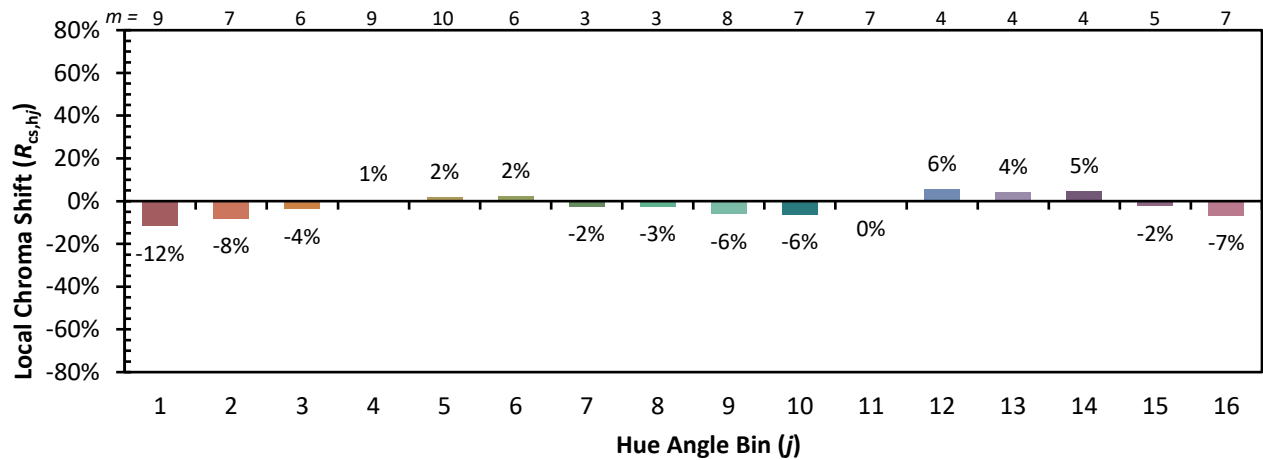


Individual Sample Fidelity Index ($R_{f,i}$)

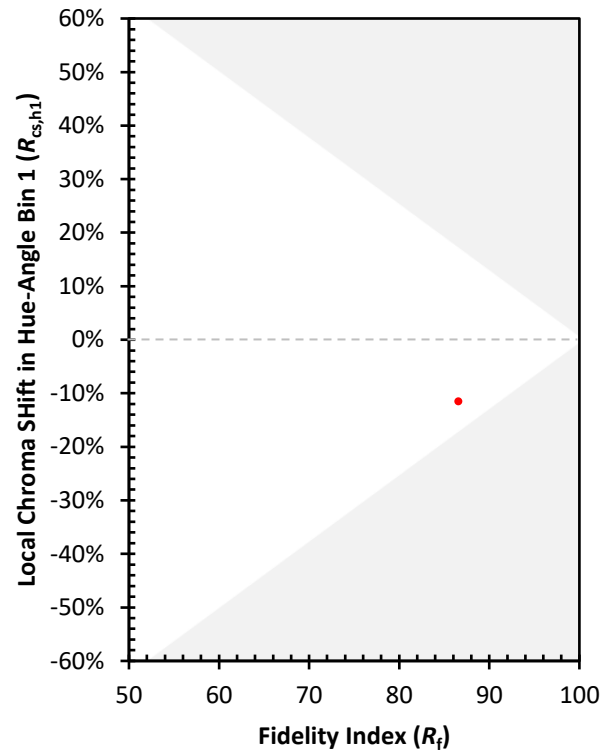
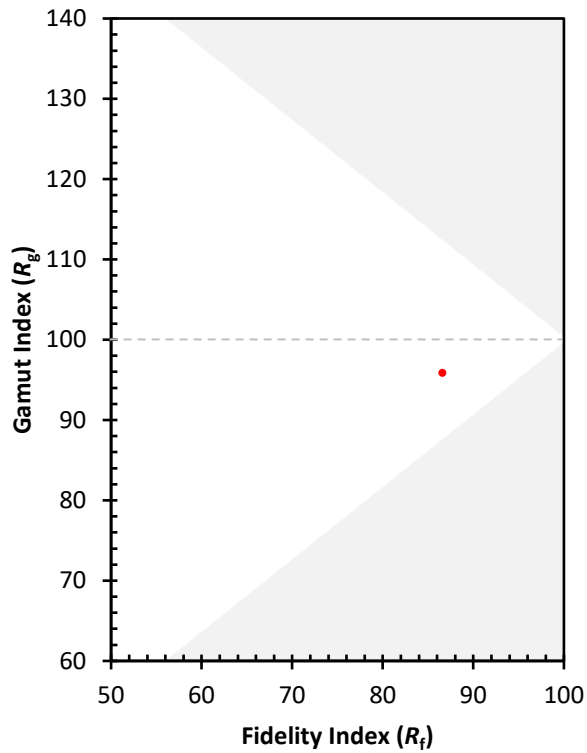
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 96
CES08 = 40	CES33 = 91	CES58 = 88	CES83 = 95
CES09 = 29	CES34 = 91	CES59 = 93	CES84 = 92
CES10 = 75	CES35 = 95	CES60 = 94	CES85 = 80
CES11 = 58	CES36 = 90	CES61 = 91	CES86 = 72
CES12 = 64	CES37 = 95	CES62 = 95	CES87 = 86
CES13 = 43	CES38 = 100	CES63 = 88	CES88 = 88
CES14 = 74	CES39 = 97	CES64 = 85	CES89 = 77
CES15 = 71	CES40 = 94	CES65 = 80	CES90 = 88
CES16 = 47	CES41 = 97	CES66 = 84	CES91 = 81
CES17 = 49	CES42 = 96	CES67 = 82	CES92 = 67
CES18 = 56	CES43 = 93	CES68 = 85	CES93 = 81
CES19 = 72	CES44 = 99	CES69 = 89	CES94 = 63
CES20 = 66	CES45 = 95	CES70 = 81	CES95 = 76
CES21 = 86	CES46 = 91	CES71 = 79	CES96 = 84
CES22 = 78	CES47 = 93	CES72 = 93	CES97 = 92
CES23 = 91	CES48 = 85	CES73 = 76	CES98 = 86
CES24 = 90	CES49 = 92	CES74 = 95	CES99 = 77
CES25 = 72	CES50 = 96	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)