

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: P1049191

Luminaire Tested: **GALN-SA5C-835-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049191
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5C-835-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE
80CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22692.2 lumens
Efficiency: N/A
Efficacy: 96.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

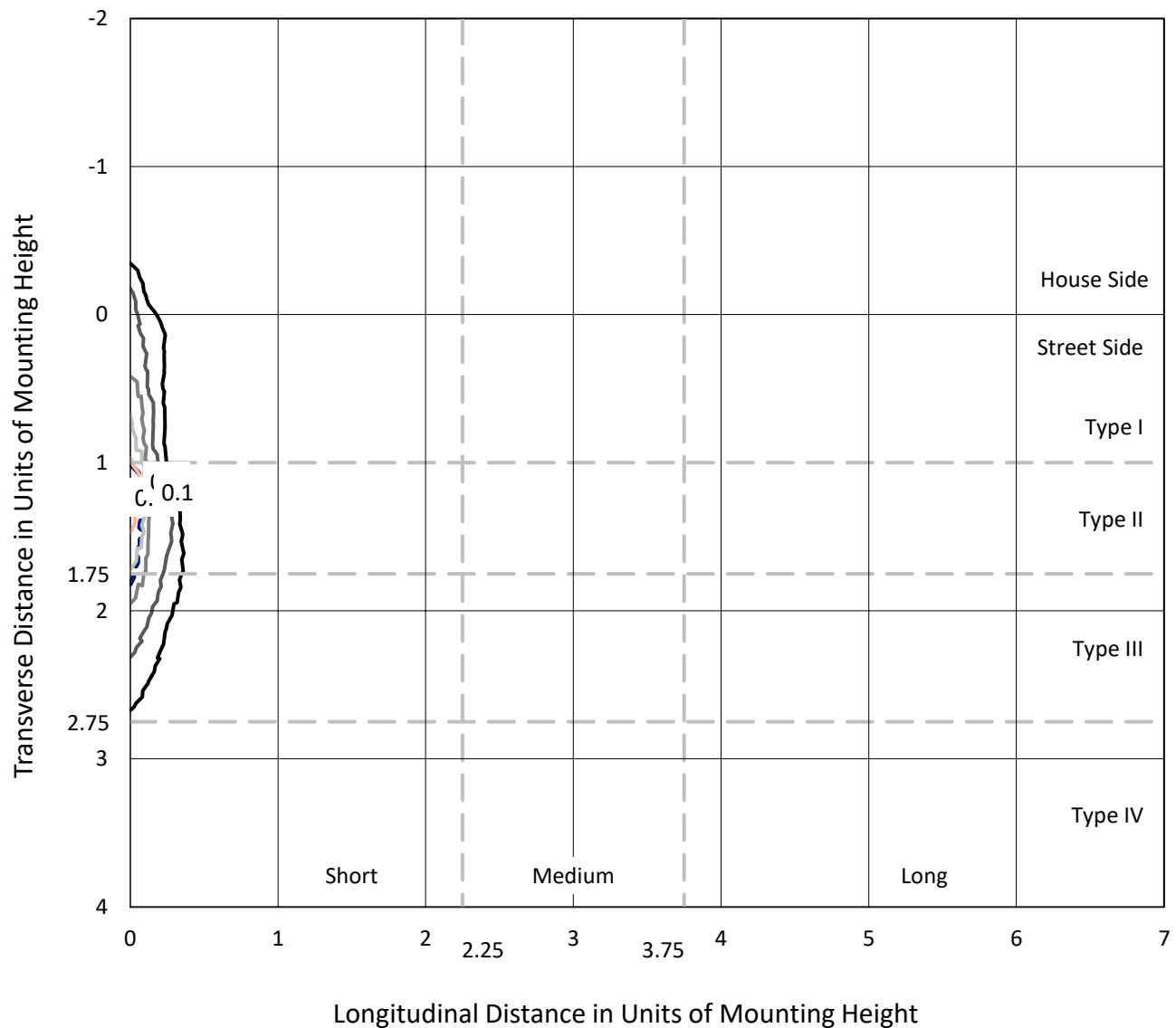
Input Watts (W): 236
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

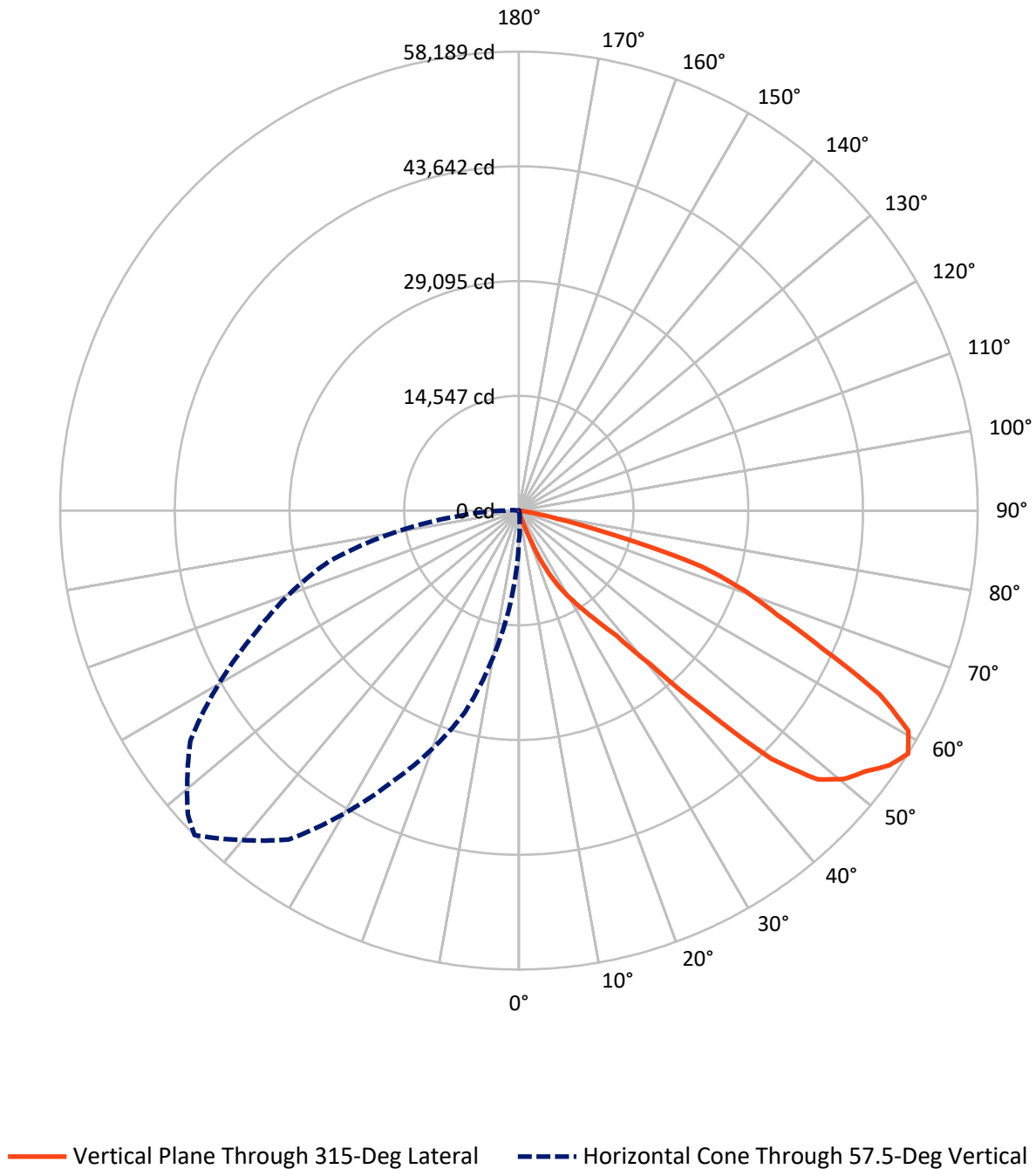
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 3.3 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	113.6	0.0	113.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	22578.6	0.0	22578.6
	% Fixture	99.5	0.0	99.5
Total	Lumens	22692.2	0.0	22692.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.9	0.0
10°-20°	49.9	0.2
20°-30°	537.8	2.4
30°-40°	1590.3	7.0
40°-50°	4739.5	20.9
50°-60°	7515.1	33.1
60°-70°	6273.3	27.6
70°-80°	1934.5	8.5
80°-90°	43.0	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°	22692.2	100.0
0°-180°	22692.2	100.0



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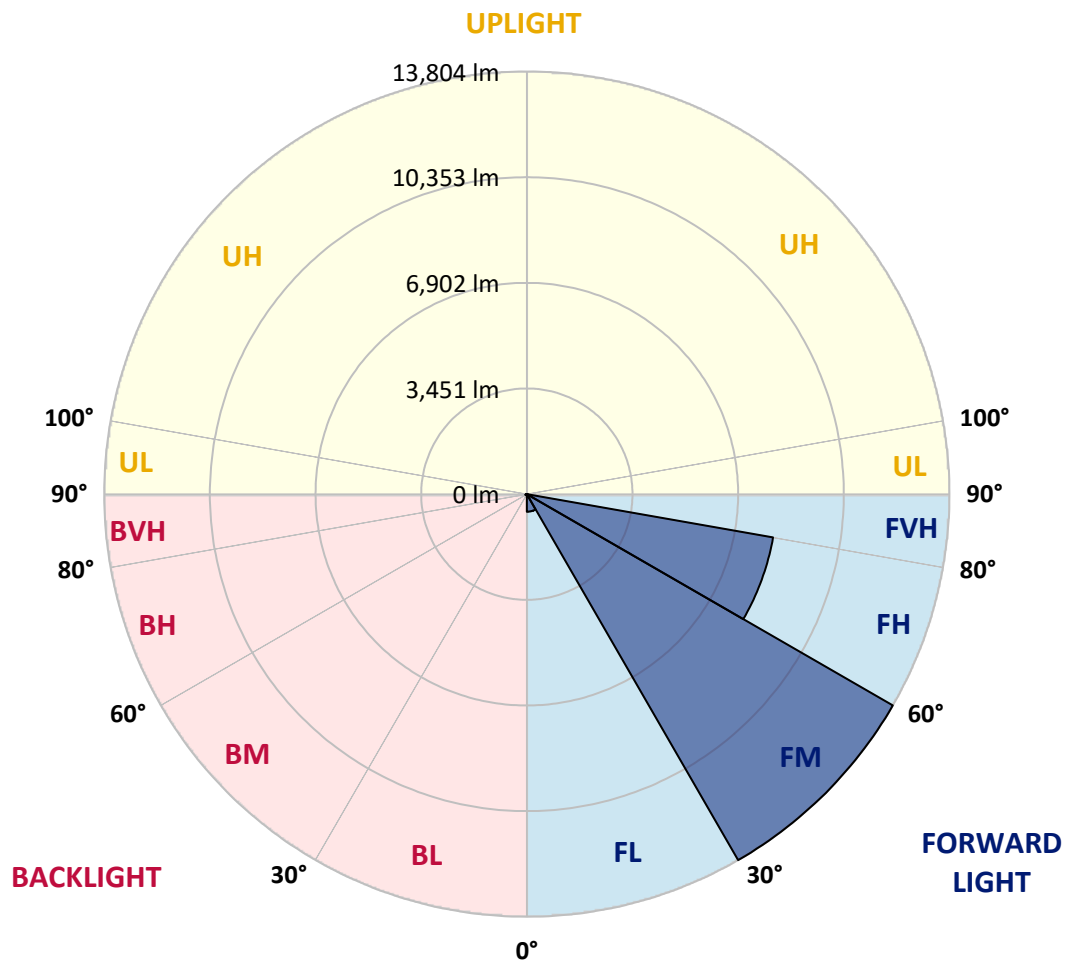
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	575.7	2.5			
FM	(30°-60°)	13804.3	60.8			
FH	(60°-80°)	8165.4	36.0			G4/12000
FVH	(80°-90°)	33.3	0.1			G1/100
BL	(0°-30°)	20.9	0.1	B0/110		
BM	(30°-60°)	40.6	0.2	B0/220		
BH	(60°-80°)	42.4	0.2	B0/110		G0/110
BVH	(80°-90°)	9.8	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-G4

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2.5°	90.9	90.9	90.9	90.9	89.2	89.2	87.5	87.5	85.7	85.7
5°	96.0	96.0	94.3	92.6	92.6	90.9	89.2	87.5	87.5	85.7
7.5°	104.6	102.9	101.2	99.5	96.0	94.3	90.9	89.2	87.5	84.0
10°	114.9	111.5	108.0	104.6	101.2	97.7	94.3	92.6	89.2	87.5
12.5°	128.6	123.5	116.6	111.5	108.0	102.9	99.5	96.0	90.9	87.5
15°	140.6	133.8	125.2	118.3	113.2	106.3	101.2	96.0	92.6	87.5
17.5°	157.8	145.8	132.0	123.5	116.6	108.0	99.5	94.3	89.2	82.3
20°	186.9	162.9	137.2	126.9	116.6	106.3	96.0	89.2	84.0	77.2
22.5°	233.2	192.1	150.9	135.5	121.8	106.3	92.6	85.7	78.9	72.0
25°	322.4	248.7	174.9	154.3	133.8	113.2	92.6	84.0	77.2	68.6
27.5°	428.7	319.0	207.5	178.3	150.9	121.8	92.6	82.3	73.7	63.4
30°	536.7	391.0	243.5	205.8	168.1	130.3	92.6	80.6	70.3	58.3
32.5°	639.6	457.9	274.4	229.8	185.2	138.9	94.3	80.6	66.9	53.2
35°	744.2	512.7	279.5	233.2	186.9	138.9	92.6	77.2	63.4	48.0
37.5°	878.0	574.5	269.2	222.9	178.3	132.0	87.5	73.7	60.0	44.6
40°	1080.3	677.4	274.4	226.4	178.3	130.3	82.3	68.6	56.6	42.9
42.5°	1454.2	876.3	296.7	241.8	186.9	130.3	75.5	63.4	53.2	41.2
45°	2513.9	1455.9	397.8	315.5	233.2	150.9	68.6	58.3	49.7	39.4
47.5°	4158.5	2436.8	715.1	552.2	391.0	228.1	66.9	58.3	49.7	39.4
50°	5307.4	3103.8	900.3	692.8	485.3	277.8	70.3	60.0	51.4	41.2
52.5°	5298.8	3151.9	1003.2	770.0	538.5	305.2	73.7	63.4	54.9	44.6
55°	4710.6	2867.2	1022.0	785.4	550.5	313.8	78.9	68.6	58.3	48.0
57.5°	3937.3	2435.1	932.9	721.9	512.7	301.8	90.9	78.9	68.6	56.6
60°	3114.1	1920.6	727.1	574.5	423.6	270.9	120.0	104.6	90.9	75.5
62.5°	2150.4	1392.4	634.5	509.3	385.8	260.7	137.2	121.8	108.0	92.6
65°	1521.1	1047.8	572.8	466.4	361.8	255.5	149.2	132.0	116.6	99.5
67.5°	1136.9	833.4	528.2	437.3	346.4	255.5	164.6	144.0	125.2	104.6
70°	871.1	684.2	495.6	421.8	349.8	276.1	202.4	173.2	145.8	116.6
72.5°	709.9	584.8	457.9	404.7	351.5	298.4	245.2	207.5	169.8	130.3
75°	588.2	500.7	413.3	368.7	325.8	281.2	236.6	202.4	169.8	135.5
77.5°	391.0	356.7	320.7	295.0	269.2	241.8	216.1	186.9	159.5	130.3
80°	137.2	132.0	126.9	137.2	147.5	157.8	168.1	147.5	128.6	108.0
82.5°	20.6	18.9	17.1	18.9	20.6	22.3	24.0	25.7	27.4	29.2
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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	84.0	84.0	82.3	82.3	82.3	80.6	80.6	78.9	78.9	78.9
0.0	5°	82.3	82.3	80.6	78.9	77.2	77.2	75.5	73.7	73.7	72.0
0.0	7.5°	80.6	78.9	77.2	75.5	73.7	72.0	70.3	68.6	68.6	66.9
0.0	10°	82.3	78.9	77.2	73.7	72.0	70.3	66.9	65.2	63.4	63.4
0.0	12.5°	78.9	77.2	73.7	70.3	68.6	65.2	63.4	60.0	58.3	58.3
0.0	15°	78.9	75.5	70.3	66.9	63.4	61.7	58.3	54.9	53.2	51.4
0.0	17.5°	73.7	70.3	65.2	61.7	58.3	54.9	51.4	48.0	46.3	44.6
0.0	20°	66.9	63.4	58.3	53.2	49.7	46.3	42.9	39.4	37.7	36.0
0.0	22.5°	60.0	56.6	51.4	46.3	42.9	39.4	34.3	30.9	29.2	25.7
0.0	25°	56.6	51.4	46.3	41.2	36.0	32.6	27.4	22.3	18.9	15.4
0.0	27.5°	48.0	42.9	37.7	32.6	27.4	22.3	17.1	12.0	8.6	6.9
0.0	30°	41.2	36.0	30.9	25.7	18.9	13.7	8.6	1.7	1.7	1.7
0.0	32.5°	34.3	29.2	22.3	17.1	13.7	8.6	5.1	0.0	0.0	0.0
0.0	35°	27.4	22.3	15.4	10.3	8.6	5.1	3.4	0.0	0.0	0.0
0.0	37.5°	24.0	18.9	12.0	5.1	3.4	3.4	1.7	0.0	0.0	0.0
0.0	40°	22.3	15.4	8.6	1.7	1.7	1.7	0.0	0.0	0.0	0.0
0.0	42.5°	22.3	15.4	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	22.3	15.4	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	22.3	15.4	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	24.0	17.1	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	27.4	20.6	13.7	6.9	5.1	3.4	1.7	0.0	0.0	0.0
0.0	55°	34.3	30.9	25.7	22.3	17.1	12.0	5.1	0.0	0.0	0.0
0.0	57.5°	44.6	44.6	42.9	41.2	30.9	20.6	10.3	0.0	0.0	0.0
0.0	60°	60.0	60.0	60.0	60.0	44.6	30.9	15.4	0.0	0.0	0.0
0.0	62.5°	73.7	70.3	65.2	61.7	46.3	30.9	15.4	0.0	0.0	0.0
0.0	65°	73.7	66.9	58.3	49.7	37.7	25.7	12.0	0.0	0.0	0.0
0.0	67.5°	68.6	54.9	39.4	25.7	18.9	13.7	6.9	0.0	0.0	0.0
	70°	68.6	48.0	27.4	6.9	5.1	3.4	1.7	0.0	0.0	0.0
	72.5°	68.6	46.3	22.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	75.5	51.4	25.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	75.5	51.4	25.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	66.9	44.6	22.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	22.3	15.4	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	77.2	77.2	77.2	75.5	75.5	75.5	75.5	73.7	73.7	73.7
0.0	5°	70.3	70.3	68.6	68.6	66.9	66.9	65.2	65.2	63.4	63.4
0.0	7.5°	65.2	63.4	63.4	61.7	60.0	60.0	58.3	58.3	56.6	54.9
0.0	10°	60.0	58.3	58.3	56.6	54.9	53.2	53.2	51.4	49.7	48.0
0.0	12.5°	54.9	53.2	51.4	49.7	48.0	46.3	46.3	44.6	42.9	41.2
0.0	15°	48.0	46.3	44.6	42.9	41.2	39.4	39.4	37.7	36.0	34.3
0.0	17.5°	41.2	39.4	39.4	37.7	36.0	34.3	32.6	29.2	27.4	25.7
0.0	20°	30.9	29.2	27.4	25.7	24.0	20.6	18.9	15.4	12.0	10.3
0.0	22.5°	20.6	17.1	15.4	12.0	8.6	6.9	5.1	1.7	0.0	0.0
0.0	25°	6.9	5.1	3.4	1.7	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



REPORT NUMBER: P1049191

CATALOG NUMBER: GALN-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049191

CATALOG NUMBER: GALN-SA5C-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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	72.0	72.0	72.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3
0.0	5°	61.7	61.7	61.7	60.0	60.0	58.3	58.3	58.3	56.6	56.6
0.0	7.5°	53.2	51.4	51.4	49.7	49.7	48.0	48.0	48.0	46.3	46.3
0.0	10°	44.6	42.9	42.9	41.2	41.2	39.4	39.4	37.7	37.7	36.0
0.0	12.5°	39.4	37.7	36.0	34.3	34.3	32.6	30.9	30.9	29.2	27.4
0.0	15°	30.9	29.2	27.4	25.7	24.0	22.3	20.6	20.6	18.9	17.1
0.0	17.5°	20.6	17.1	15.4	13.7	13.7	12.0	10.3	8.6	6.9	5.1
0.0	20°	5.1	3.4	1.7	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
	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: P1049191

CATALOG NUMBER: GALN-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049191

CATALOG NUMBER: GALN-SA5C-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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	70.3	68.6	68.6	68.6	70.3	70.3	70.3	70.3	70.3	70.3
0.0	5°	56.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
0.0	7.5°	46.3	44.6	44.6	44.6	44.6	42.9	42.9	42.9	42.9	42.9
0.0	10°	36.0	34.3	34.3	34.3	34.3	32.6	32.6	32.6	32.6	32.6
0.0	12.5°	25.7	25.7	24.0	24.0	24.0	22.3	22.3	22.3	22.3	20.6
0.0	15°	15.4	13.7	12.0	12.0	12.0	10.3	10.3	10.3	10.3	8.6
0.0	17.5°	3.4	3.4	1.7	1.7	1.7	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
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049191

CATALOG NUMBER: GALN-SA5C-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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	72.0	72.0	73.7	73.7	75.5	78.9	80.6	82.3	85.7	89.2
0.0	5°	56.6	58.3	58.3	60.0	61.7	63.4	65.2	66.9	70.3	73.7
0.0	7.5°	44.6	44.6	46.3	46.3	48.0	51.4	53.2	54.9	58.3	63.4
0.0	10°	34.3	34.3	36.0	36.0	37.7	41.2	42.9	44.6	48.0	53.2
0.0	12.5°	22.3	24.0	24.0	25.7	27.4	30.9	32.6	34.3	37.7	41.2
0.0	15°	10.3	12.0	12.0	13.7	15.4	18.9	20.6	22.3	25.7	30.9
0.0	17.5°	1.7	1.7	3.4	3.4	5.1	6.9	8.6	10.3	15.4	18.9
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	6.9
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
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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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049191

CATALOG NUMBER: GALN-SA5C-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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	94.3	97.7	101.2	104.6	108.0	111.5	113.2	116.6	118.3	120.0
0.0	5°	80.6	84.0	89.2	92.6	96.0	99.5	102.9	104.6	106.3	108.0
0.0	7.5°	70.3	73.7	78.9	82.3	85.7	89.2	92.6	96.0	97.7	99.5
0.0	10°	60.0	65.2	68.6	73.7	77.2	80.6	84.0	87.5	90.9	92.6
0.0	12.5°	48.0	53.2	58.3	61.7	66.9	72.0	75.5	78.9	82.3	85.7
0.0	15°	37.7	42.9	48.0	51.4	56.6	61.7	66.9	70.3	73.7	77.2
0.0	17.5°	27.4	32.6	37.7	41.2	46.3	51.4	54.9	60.0	63.4	66.9
0.0	20°	13.7	18.9	24.0	29.2	34.3	39.4	42.9	48.0	51.4	54.9
0.0	22.5°	1.7	6.9	12.0	15.4	20.6	25.7	29.2	34.3	37.7	41.2
0.0	25°	0.0	1.7	5.1	6.9	8.6	12.0	15.4	18.9	22.3	25.7
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.7	3.4	6.9	10.3	13.7
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
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	1.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7	3.4
	85°	0.0	0.0	0.0	0.0	0.0	3.4	5.1	8.6	10.3	12.0
	87.5°	0.0	1.7	3.4	5.1	6.9	10.3	13.7	17.1	18.9	20.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049191

CATALOG NUMBER: GALN-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
99.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.6	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
17.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.1	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											
1.7											
6.9											
15.4											
22.3											
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REPORT NUMBER: P1049191

CATALOG NUMBER: GALN-SA5C-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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	121.8	121.8	121.8	121.8	120.0	120.0	120.0	118.3	118.3	116.6
0.0	5°	111.5	113.2	113.2	113.2	113.2	113.2	113.2	113.2	111.5	111.5
0.0	7.5°	102.9	104.6	106.3	106.3	108.0	108.0	108.0	106.3	106.3	104.6
0.0	10°	97.7	99.5	99.5	101.2	101.2	101.2	101.2	101.2	101.2	101.2
0.0	12.5°	90.9	92.6	94.3	94.3	96.0	96.0	96.0	96.0	94.3	94.3
0.0	15°	82.3	85.7	87.5	89.2	89.2	90.9	90.9	90.9	90.9	90.9
0.0	17.5°	75.5	78.9	80.6	82.3	82.3	84.0	84.0	85.7	85.7	85.7
0.0	20°	61.7	65.2	66.9	70.3	72.0	73.7	75.5	77.2	77.2	78.9
0.0	22.5°	48.0	51.4	53.2	56.6	58.3	60.0	61.7	63.4	65.2	66.9
0.0	25°	34.3	37.7	39.4	42.9	44.6	46.3	48.0	49.7	49.7	51.4
0.0	27.5°	18.9	22.3	25.7	27.4	30.9	32.6	34.3	36.0	37.7	39.4
0.0	30°	8.6	10.3	12.0	15.4	17.1	18.9	20.6	24.0	25.7	27.4
0.0	32.5°	0.0	0.0	1.7	5.1	6.9	8.6	10.3	12.0	12.0	13.7
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.4	5.1	6.9
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	3.4	3.4	3.4	5.1	5.1	5.1	5.1	5.1	5.1	5.1
	82.5°	8.6	10.3	12.0	12.0	13.7	13.7	13.7	13.7	12.0	12.0
	85°	17.1	18.9	20.6	20.6	22.3	22.3	22.3	22.3	22.3	22.3
	87.5°	24.0	25.7	27.4	27.4	29.2	29.2	29.2	29.2	29.2	29.2
	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: P1049191

CATALOG NUMBER: GALN-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
99.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0										
0.0										
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0.0										
5.1										
12.0										
22.3										
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REPORT NUMBER: P1049191

CATALOG NUMBER: GALN-SA5C-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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	114.9	114.9	113.2	113.2	113.2	113.2	113.2	114.9	116.6	116.6
0.0	5°	109.7	109.7	108.0	108.0	108.0	109.7	109.7	111.5	113.2	114.9
0.0	7.5°	104.6	102.9	102.9	104.6	104.6	106.3	106.3	108.0	109.7	111.5
0.0	10°	101.2	99.5	99.5	99.5	101.2	101.2	102.9	104.6	106.3	108.0
0.0	12.5°	94.3	94.3	94.3	94.3	96.0	96.0	97.7	99.5	102.9	104.6
0.0	15°	90.9	89.2	89.2	89.2	89.2	90.9	90.9	94.3	97.7	99.5
0.0	17.5°	84.0	84.0	82.3	82.3	84.0	84.0	85.7	89.2	92.6	94.3
0.0	20°	77.2	75.5	73.7	73.7	75.5	75.5	77.2	80.6	84.0	85.7
0.0	22.5°	66.9	65.2	65.2	65.2	65.2	66.9	66.9	70.3	75.5	78.9
0.0	25°	53.2	54.9	54.9	56.6	56.6	58.3	60.0	63.4	68.6	72.0
0.0	27.5°	41.2	42.9	42.9	46.3	48.0	49.7	51.4	56.6	61.7	65.2
0.0	30°	30.9	32.6	34.3	36.0	39.4	42.9	46.3	51.4	56.6	60.0
0.0	32.5°	18.9	22.3	24.0	27.4	30.9	34.3	37.7	42.9	49.7	54.9
0.0	35°	13.7	15.4	18.9	20.6	24.0	27.4	30.9	37.7	42.9	49.7
0.0	37.5°	6.9	10.3	13.7	17.1	20.6	24.0	27.4	34.3	41.2	46.3
0.0	40°	5.1	8.6	10.3	13.7	18.9	22.3	25.7	32.6	39.4	46.3
0.0	42.5°	3.4	5.1	6.9	12.0	15.4	20.6	25.7	32.6	39.4	46.3
0.0	45°	3.4	3.4	5.1	10.3	15.4	22.3	27.4	34.3	39.4	46.3
0.0	47.5°	3.4	5.1	6.9	13.7	17.1	22.3	27.4	32.6	39.4	44.6
0.0	50°	5.1	6.9	8.6	15.4	18.9	24.0	27.4	34.3	39.4	46.3
0.0	52.5°	3.4	5.1	6.9	13.7	18.9	25.7	30.9	37.7	44.6	49.7
0.0	55°	1.7	1.7	1.7	10.3	20.6	29.2	39.4	44.6	51.4	56.6
0.0	57.5°	0.0	0.0	0.0	6.9	20.6	32.6	44.6	51.4	58.3	63.4
0.0	60°	0.0	0.0	0.0	6.9	20.6	32.6	44.6	53.2	61.7	70.3
0.0	62.5°	0.0	0.0	0.0	6.9	17.1	27.4	37.7	51.4	66.9	80.6
0.0	65°	0.0	0.0	0.0	5.1	13.7	22.3	30.9	51.4	72.0	90.9
0.0	67.5°	0.0	0.0	0.0	5.1	13.7	20.6	29.2	51.4	72.0	94.3
	70°	0.0	0.0	0.0	5.1	13.7	22.3	30.9	51.4	72.0	92.6
	72.5°	0.0	0.0	0.0	5.1	15.4	24.0	34.3	51.4	68.6	85.7
	75°	0.0	0.0	0.0	6.9	15.4	25.7	36.0	51.4	66.9	80.6
	77.5°	0.0	0.0	0.0	5.1	15.4	24.0	34.3	49.7	65.2	78.9
	80°	5.1	3.4	3.4	8.6	15.4	22.3	29.2	44.6	61.7	77.2
	82.5°	10.3	10.3	8.6	12.0	15.4	20.6	25.7	39.4	54.9	68.6
	85°	20.6	20.6	18.9	20.6	20.6	22.3	24.0	30.9	37.7	44.6
	87.5°	27.4	27.4	25.7	25.7	25.7	24.0	24.0	24.0	24.0	22.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049191

CATALOG NUMBER: GALN-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
99.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.2											
102.9											
96.0											
94.3											
92.6											
82.3											
51.4											
22.3											
0.0											
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REPORT NUMBER: P1049191

CATALOG NUMBER: GALN-SA5C-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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	120.0	121.8	121.8	123.5	125.2	126.9	126.9	128.6	128.6	128.6
0.0	5°	118.3	121.8	123.5	125.2	126.9	128.6	130.3	132.0	133.8	133.8
0.0	7.5°	116.6	118.3	121.8	123.5	126.9	128.6	132.0	133.8	135.5	137.2
0.0	10°	113.2	116.6	120.0	123.5	126.9	130.3	133.8	137.2	140.6	142.3
0.0	12.5°	109.7	114.9	118.3	121.8	126.9	132.0	135.5	140.6	144.0	147.5
0.0	15°	108.0	111.5	116.6	120.0	126.9	133.8	138.9	145.8	152.6	157.8
0.0	17.5°	102.9	109.7	114.9	120.0	126.9	135.5	142.3	149.2	159.5	169.8
0.0	20°	96.0	101.2	108.0	113.2	123.5	132.0	142.3	150.9	166.3	181.8
0.0	22.5°	89.2	96.0	101.2	108.0	120.0	130.3	142.3	152.6	178.3	202.4
0.0	25°	82.3	90.9	97.7	104.6	118.3	132.0	145.8	159.5	202.4	245.2
0.0	27.5°	78.9	85.7	94.3	101.2	118.3	137.2	154.3	171.5	240.1	307.0
0.0	30°	73.7	82.3	89.2	97.7	120.0	142.3	164.6	186.9	291.5	396.1
0.0	32.5°	68.6	77.2	85.7	94.3	123.5	152.6	180.1	209.2	346.4	481.9
0.0	35°	63.4	73.7	82.3	90.9	128.6	168.1	205.8	243.5	396.1	547.0
0.0	37.5°	61.7	72.0	80.6	89.2	130.3	169.8	210.9	250.4	401.3	552.2
0.0	40°	63.4	72.0	82.3	90.9	125.2	159.5	192.1	226.4	384.1	540.2
0.0	42.5°	63.4	73.7	84.0	94.3	121.8	149.2	176.6	204.1	379.0	553.9
0.0	45°	61.7	72.0	82.3	92.6	118.3	142.3	168.1	192.1	409.8	625.9
0.0	47.5°	60.0	70.3	80.6	90.9	116.6	142.3	168.1	193.8	529.9	864.3
0.0	50°	60.0	70.3	78.9	87.5	118.3	150.9	181.8	212.6	771.7	1329.0
0.0	52.5°	63.4	72.0	78.9	85.7	121.8	159.5	195.5	231.5	980.9	1728.5
0.0	55°	68.6	73.7	80.6	85.7	130.3	173.2	217.8	260.7	1044.3	1828.0
0.0	57.5°	75.5	80.6	85.7	90.9	145.8	200.6	253.8	308.7	1049.5	1788.6
0.0	60°	84.0	90.9	96.0	101.2	159.5	219.5	277.8	336.1	950.0	1562.2
0.0	62.5°	102.9	111.5	118.3	126.9	183.5	238.4	295.0	349.8	788.8	1227.8
0.0	65°	118.3	125.2	132.0	138.9	193.8	250.4	305.2	360.1	668.8	977.5
0.0	67.5°	121.8	128.6	133.8	140.6	197.2	253.8	308.7	365.3	572.8	778.5
	70°	123.5	132.0	142.3	150.9	209.2	267.5	324.1	382.4	507.6	632.8
	72.5°	118.3	135.5	150.9	166.3	221.2	274.4	329.2	382.4	471.6	560.7
	75°	118.3	142.3	164.6	186.9	228.1	267.5	308.7	348.1	416.7	485.3
	77.5°	125.2	156.0	186.9	217.8	241.8	264.1	288.1	310.4	355.0	399.6
	80°	125.2	157.8	188.6	221.2	231.5	243.5	253.8	264.1	269.2	274.4
	82.5°	108.0	133.8	159.5	185.2	173.2	161.2	149.2	137.2	128.6	118.3
	85°	54.9	60.0	63.4	66.9	61.7	56.6	51.4	46.3	42.9	37.7
	87.5°	22.3	22.3	20.6	20.6	20.6	20.6	18.9	18.9	18.9	18.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049191

CATALOG NUMBER: GALN-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
99.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
269.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
365.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
507.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
687.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
859.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
975.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1063.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1150.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1322.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1665.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2538.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3887.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4894.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5005.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4516.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3861.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3018.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2280.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1684.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1191.8											
886.6											
644.8											
485.3											
272.7											
123.5											
36.0											
17.1											
0.0											
0.0											
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REPORT NUMBER: P1049191

CATALOG NUMBER: GALN-SA5C-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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	128.6	126.9	126.9	125.2	123.5	121.8	120.0	118.3	116.6	114.9
0.0	5°	133.8	133.8	133.8	132.0	132.0	130.3	130.3	128.6	126.9	125.2
0.0	7.5°	138.9	140.6	140.6	142.3	142.3	142.3	142.3	140.6	140.6	140.6
0.0	10°	147.5	149.2	150.9	152.6	154.3	156.0	156.0	157.8	157.8	157.8
0.0	12.5°	157.8	162.9	166.3	171.5	174.9	180.1	183.5	188.6	192.1	195.5
0.0	15°	173.2	181.8	192.1	200.6	209.2	221.2	234.9	246.9	258.9	277.8
0.0	17.5°	195.5	222.9	250.4	276.1	303.5	363.5	423.6	481.9	541.9	629.3
0.0	20°	238.4	320.7	401.3	483.6	564.2	775.1	984.3	1195.2	1404.4	1629.1
0.0	22.5°	334.4	536.7	739.1	941.4	1143.8	1584.5	2023.5	2464.2	2903.2	3419.4
0.0	25°	485.3	857.4	1229.5	1599.9	1972.1	2661.4	3352.5	4041.9	4731.2	5401.7
0.0	27.5°	706.5	1275.8	1845.2	2412.8	2982.1	3916.7	4853.0	5787.6	6722.1	7480.1
0.0	30°	979.2	1750.8	2522.5	3294.2	4065.9	5129.1	6192.3	7253.7	8316.9	9145.2
0.0	32.5°	1236.4	2181.3	3126.1	4069.3	5014.2	6224.8	7437.2	8647.9	9858.6	10764.0
0.0	35°	1404.4	2546.5	3690.3	4832.4	5974.5	7284.6	8594.7	9903.2	11213.3	12247.3
0.0	37.5°	1572.5	2891.2	4208.2	5526.9	6843.9	8282.6	9721.4	11160.1	12598.9	13876.4
0.0	40°	1761.1	3307.9	4853.0	6399.8	7944.8	9649.4	11352.2	13056.7	14759.6	16561.8
0.0	42.5°	2088.7	3999.0	5911.0	7821.3	9731.7	11986.7	14241.7	16495.0	18750.0	21322.2
0.0	45°	2704.3	5396.6	8090.6	10782.9	13475.1	16462.4	19451.3	22438.6	25425.8	28848.6
0.0	47.5°	4211.6	7915.7	11618.0	15322.0	19024.3	22249.9	25473.8	28699.4	31923.3	35332.4
0.0	50°	6444.3	10755.4	15066.5	19375.9	23687.0	26605.6	29522.5	32441.2	35358.1	38600.9
0.0	52.5°	8059.7	12550.9	17043.7	21534.9	26026.0	28660.0	31295.7	33929.7	36563.6	39593.7
0.0	55°	8181.5	12646.9	17114.0	21579.4	26044.9	28690.8	31336.8	33982.8	36628.8	39840.7
0.0	57.5°	7243.4	11672.9	16100.6	20530.0	24957.7	27970.6	30981.9	33994.8	37006.1	40478.6
0.0	60°	6161.4	10592.5	15021.9	19453.0	23882.5	27353.3	30825.8	34296.6	37767.4	41020.5
0.0	62.5°	4806.7	9364.7	13924.4	18482.5	23040.5	26564.5	30088.4	33610.7	37134.7	39574.9
0.0	65°	3582.3	8008.3	12434.2	16858.5	21284.5	24107.1	26929.7	29750.6	32573.2	34084.0
0.0	67.5°	2589.4	6406.6	10222.1	14039.3	17854.8	19874.9	21895.0	23913.3	25933.4	27089.2
	70°	1750.8	4395.1	7037.7	9681.9	12324.5	13984.4	15646.1	17306.1	18966.0	20526.5
	72.5°	1212.4	2697.4	4184.2	5669.2	7154.3	8824.5	10493.1	12163.3	13831.8	15483.2
	75°	804.3	1479.9	2157.3	2832.9	3508.5	4744.9	5983.0	7219.4	8455.8	9440.1
	77.5°	571.0	773.4	977.5	1179.8	1382.2	1613.7	1846.9	2078.4	2309.9	2661.4
	80°	270.9	296.7	322.4	346.4	372.1	456.1	540.2	624.2	708.2	797.4
	82.5°	128.6	138.9	149.2	157.8	168.1	176.6	185.2	193.8	202.4	193.8
	85°	34.3	34.3	36.0	36.0	36.0	36.0	36.0	36.0	36.0	34.3
	87.5°	15.4	15.4	15.4	15.4	15.4	15.4	15.4	13.7	13.7	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
99.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
298.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
715.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1855.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3935.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6072.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8238.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9975.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11671.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13281.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15155.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18364.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23894.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32271.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38741.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41843.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42623.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43054.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43951.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44271.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42016.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35596.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28246.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22085.3											
17134.6											
10424.5											
3013.0											
886.6											
183.5											
32.6											
12.0											
0.0											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	111.5	109.7	108.0	106.3	104.6	101.2	101.2	99.5	99.5
0.0	5°	121.8	120.0	118.3	116.6	116.6	114.9	113.2	113.2	111.5
0.0	7.5°	138.9	137.2	135.5	133.8	133.8	132.0	132.0	130.3	130.3
0.0	10°	159.5	159.5	159.5	159.5	159.5	157.8	157.8	157.8	156.0
0.0	12.5°	200.6	202.4	205.8	209.2	214.4	214.4	214.4	212.6	212.6
0.0	15°	317.2	336.1	349.8	363.5	375.5	403.0	399.6	394.4	391.0
0.0	17.5°	802.5	888.3	934.6	979.2	1025.5	1152.4	1131.8	1111.2	1092.3
0.0	20°	2080.1	2304.7	2453.9	2603.1	2754.0	2992.4	2934.1	2875.8	2817.5
0.0	22.5°	4450.0	4966.2	5190.8	5415.4	5638.4	5926.5	5739.5	5552.6	5367.4
0.0	25°	6741.0	7411.5	7790.5	8169.5	8546.7	8711.3	8467.8	8222.6	7979.1
0.0	27.5°	8996.0	9754.0	10088.4	10421.0	10755.4	11100.1	10798.3	10494.8	10193.0
0.0	30°	10803.4	11631.7	11993.5	12353.6	12715.5	12955.6	12643.5	12329.6	12017.5
0.0	32.5°	12576.6	13482.0	13878.1	14274.3	14668.7	15013.3	14629.2	14243.4	13859.3
0.0	35°	14313.7	15347.7	15893.1	16438.4	16983.7	17304.4	16848.2	16390.4	15934.2
0.0	37.5°	16433.2	17710.8	18321.3	18931.7	19542.2	20127.0	19624.5	19120.4	18617.9
0.0	40°	20166.4	21968.7	22905.0	23843.0	24779.3	25533.8	24899.4	24264.9	23630.4
0.0	42.5°	26466.7	29039.0	30385.1	31729.5	33075.7	34253.8	33586.7	32919.6	32252.5
0.0	45°	35694.2	39117.0	40758.1	42397.5	44038.6	44899.4	43939.1	42977.1	42016.8
0.0	47.5°	42148.8	45557.9	47019.0	48480.0	49941.0	50923.6	49749.0	48574.3	47401.4
0.0	50°	45084.6	48327.4	49793.6	51258.0	52724.2	53504.5	52148.0	50789.9	49433.4
0.0	52.5°	45652.2	48682.3	50431.5	52182.3	53931.4	54974.1	53372.4	51769.0	50167.4
0.0	55°	46266.1	49478.0	51506.7	53537.0	55565.7	57009.6	55198.7	53386.1	51575.3
0.0	57.5°	47421.9	50894.5	52918.0	54939.8	56963.3	58189.4	56373.4	54555.6	52739.6
0.0	60°	47524.8	50776.2	52515.0	54255.5	55994.4	56766.1	55028.9	53290.1	51553.0
0.0	62.5°	44457.0	46897.2	48104.4	49311.7	50518.9	51357.5	49544.9	47730.6	45918.0
0.0	65°	37107.2	38618.0	39580.0	40542.0	41504.1	42503.8	40843.9	39183.9	37523.9
0.0	67.5°	29402.5	30558.3	31825.6	33092.8	34360.1	35428.4	34099.4	32768.7	31439.7
	70°	23645.8	25204.6	26629.6	28054.6	29479.7	30354.2	29020.1	27684.2	26350.1
	72.5°	18786.0	20437.4	21627.5	22815.8	24005.9	24220.3	23239.4	22258.5	21279.3
	75°	11407.1	12391.4	12415.4	12437.7	12461.7	12665.7	11852.9	11040.1	10229.0
	77.5°	3364.5	3716.0	4005.8	4293.9	4583.7	4933.6	4635.2	4335.1	4036.7
	80°	974.0	1063.2	1138.6	1212.4	1287.8	1243.3	1172.9	1102.6	1032.3
	82.5°	174.9	164.6	162.9	161.2	161.2	152.6	138.9	125.2	111.5
	85°	30.9	29.2	27.4	25.7	24.0	22.3	18.9	17.1	13.7
	87.5°	10.3	8.6	6.9	5.1	5.1	1.7	1.7	1.7	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-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049191

CATALOG NUMBER: GALN-SA5C-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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	0.0	2.5°	97.7	96.0	96.0	96.0	96.0	94.3	94.3	94.3	94.3
0.0	0.0	5°	108.0	108.0	106.3	106.3	104.6	104.6	102.9	102.9	101.2
0.0	0.0	7.5°	126.9	125.2	123.5	121.8	120.0	116.6	114.9	113.2	113.2
0.0	0.0	10°	152.6	149.2	147.5	144.0	142.3	138.9	135.5	132.0	128.6
0.0	0.0	12.5°	200.6	193.8	188.6	181.8	174.9	169.8	162.9	157.8	150.9
0.0	0.0	15°	348.1	331.0	312.1	289.8	265.8	243.5	219.5	205.8	190.3
0.0	0.0	17.5°	890.0	800.8	709.9	636.2	562.5	490.4	416.7	363.5	310.4
0.0	0.0	20°	2265.3	2018.4	1771.4	1527.9	1282.7	1039.2	794.0	670.5	547.0
0.0	0.0	22.5°	4263.1	3805.2	3345.6	2901.5	2455.6	2011.5	1567.4	1287.8	1010.0
0.0	0.0	25°	6579.8	6003.6	5427.4	4696.9	3964.7	3234.2	2503.7	2049.2	1594.8
0.0	0.0	27.5°	8562.2	7898.5	7234.9	6346.6	5458.3	4570.0	3681.7	3004.4	2328.7
0.0	0.0	30°	10278.7	9565.3	8852.0	7817.9	6783.9	5749.8	4715.8	3868.7	3021.5
0.0	0.0	32.5°	11767.2	10913.2	10059.2	8992.6	7926.0	6859.3	5792.7	4753.5	3714.3
0.0	0.0	35°	13483.7	12487.4	11489.4	10306.1	9121.2	7938.0	6754.7	5581.8	4407.1
0.0	0.0	37.5°	15665.0	14442.3	13217.9	11899.2	10580.5	9263.5	7944.8	6603.8	5262.8
0.0	0.0	40°	19840.6	18263.0	16685.3	15009.9	13332.8	11657.4	9982.0	8335.8	6689.6
0.0	0.0	42.5°	27322.4	25190.9	23059.3	20830.1	18599.1	16369.8	14138.8	11816.9	9493.3
0.0	0.0	45°	35766.2	33122.0	30476.0	27974.0	25470.4	22968.5	20466.5	17280.4	14094.2
0.0	0.0	47.5°	40514.6	37659.4	34804.2	32436.0	30067.9	27699.7	25331.5	21896.7	18461.9
0.0	0.0	50°	42262.0	39355.4	36448.7	34269.2	32087.9	29908.4	27727.1	24287.2	20845.5
0.0	0.0	52.5°	42634.1	39669.2	36704.2	34511.0	32317.7	30126.2	27932.9	24515.2	21097.6
0.0	0.0	55°	43399.0	40217.9	37035.2	34535.0	32034.8	29534.5	27034.3	23561.8	20089.2
0.0	0.0	57.5°	44398.7	41137.1	37875.5	35027.1	32178.8	29332.2	26483.9	22687.2	18890.6
0.0	0.0	60°	44136.3	41298.3	38458.5	35407.8	32355.4	29304.8	26252.4	22076.7	17899.4
0.0	0.0	62.5°	39581.7	37321.6	35059.7	32550.9	30040.4	27531.6	25022.8	20723.7	16424.7
0.0	0.0	65°	32562.9	30913.3	29263.6	27245.2	25225.2	23206.8	21188.5	17333.5	13480.3
0.0	0.0	67.5°	26391.3	24532.4	22671.8	21063.3	19453.0	17844.5	16234.3	13200.8	10167.2
		70°	20967.2	18945.5	16922.0	15351.2	13778.7	12207.9	10637.1	8620.5	6605.5
		72.5°	16651.0	14828.1	13005.3	11329.9	9652.8	7977.4	6300.3	5108.5	3916.7
		75°	7958.5	7229.7	6500.9	5624.6	4748.4	3872.1	2995.8	2476.2	1958.3
		77.5°	2949.5	2556.8	2162.4	1805.7	1449.0	1094.1	737.4	675.6	613.9
		80°	763.1	665.4	565.9	495.6	423.6	353.3	282.9	255.5	229.8
		82.5°	87.5	80.6	75.5	72.0	66.9	63.4	58.3	53.2	48.0
		85°	5.1	3.4	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



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CATALOG NUMBER: GALN-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049191

CATALOG NUMBER: GALN-SA5C-835-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	99.5	99.5
0.0	0.0	2.5°	92.6	90.9
0.0	0.0	5°	97.7	96.0
0.0	0.0	7.5°	108.0	104.6
0.0	0.0	10°	118.3	114.9
0.0	0.0	12.5°	133.8	128.6
0.0	0.0	15°	150.9	140.6
0.0	0.0	17.5°	180.1	157.8
0.0	0.0	20°	243.5	186.9
0.0	0.0	22.5°	343.0	233.2
0.0	0.0	25°	504.2	322.4
0.0	0.0	27.5°	701.4	428.7
0.0	0.0	30°	932.9	536.7
0.0	0.0	32.5°	1136.9	639.6
0.0	0.0	35°	1402.7	744.2
0.0	0.0	37.5°	1730.3	878.0
0.0	0.0	40°	2237.9	1080.3
0.0	0.0	42.5°	3151.9	1454.2
0.0	0.0	45°	5118.8	2513.9
0.0	0.0	47.5°	7876.2	4158.5
0.0	0.0	50°	9635.6	5307.4
0.0	0.0	52.5°	9779.7	5298.8
0.0	0.0	55°	8927.4	4710.6
0.0	0.0	57.5°	7617.3	3937.3
0.0	0.0	60°	6331.2	3114.1
0.0	0.0	62.5°	4988.4	2150.4
0.0	0.0	65°	3645.7	1521.1
0.0	0.0	67.5°	2618.5	1136.9
		70°	1721.7	871.1
		72.5°	1121.5	709.9
		75°	754.5	588.2
		77.5°	440.7	391.0
		80°	156.0	137.2
		82.5°	29.2	20.6
		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: P1049191

CATALOG NUMBER: GALN-SA5C-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

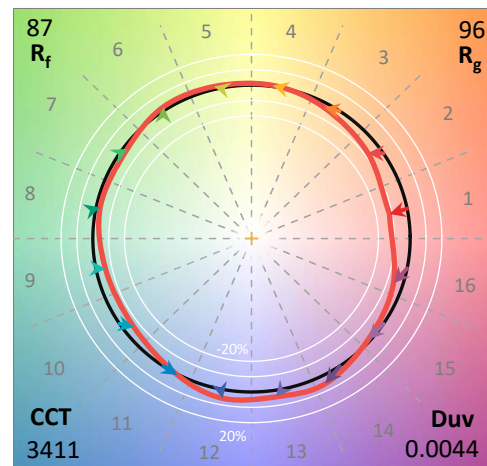
Test Information

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

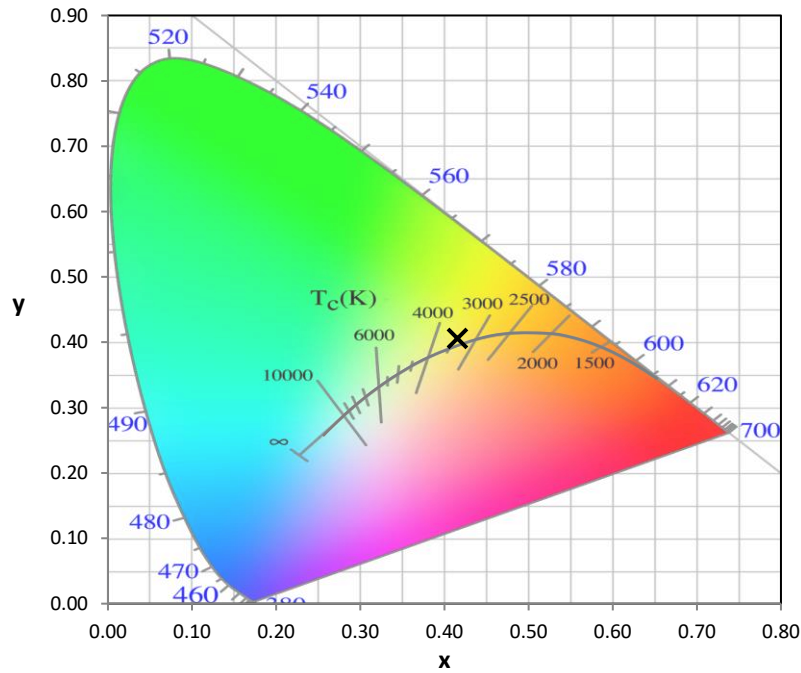
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-10

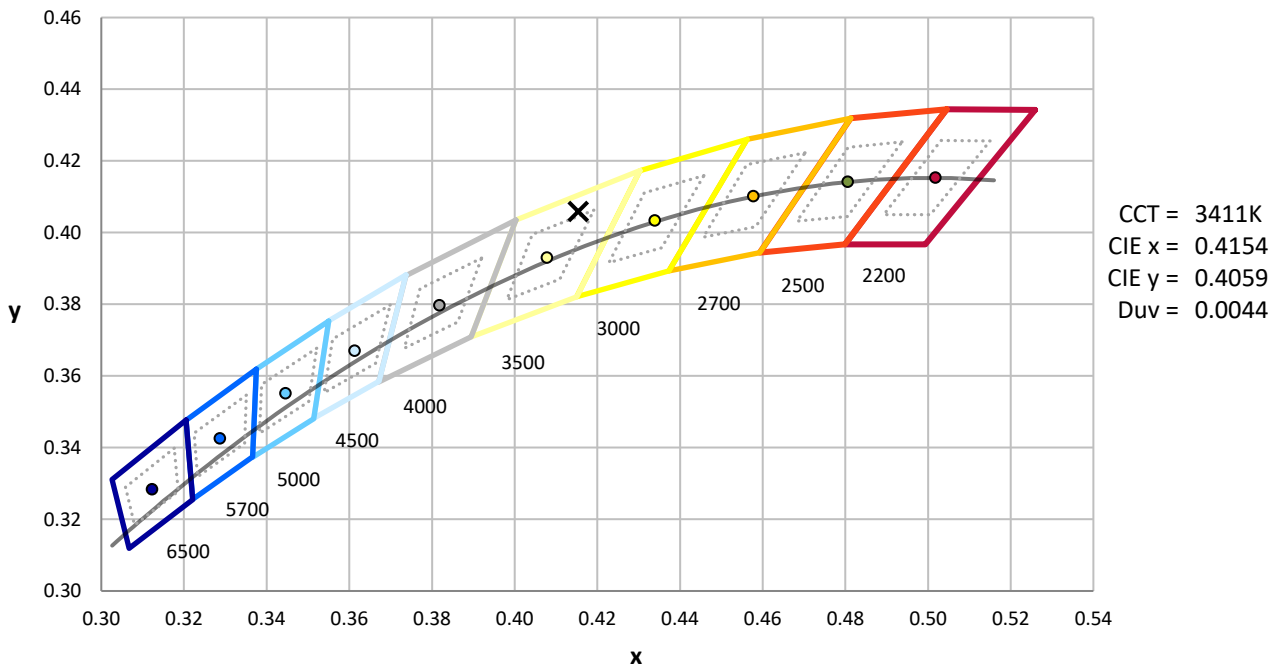
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



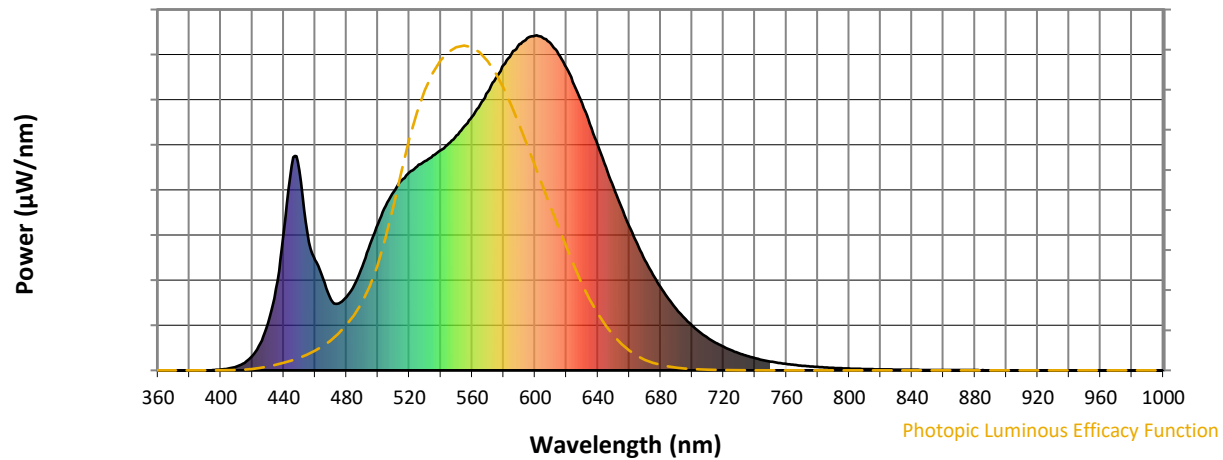
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

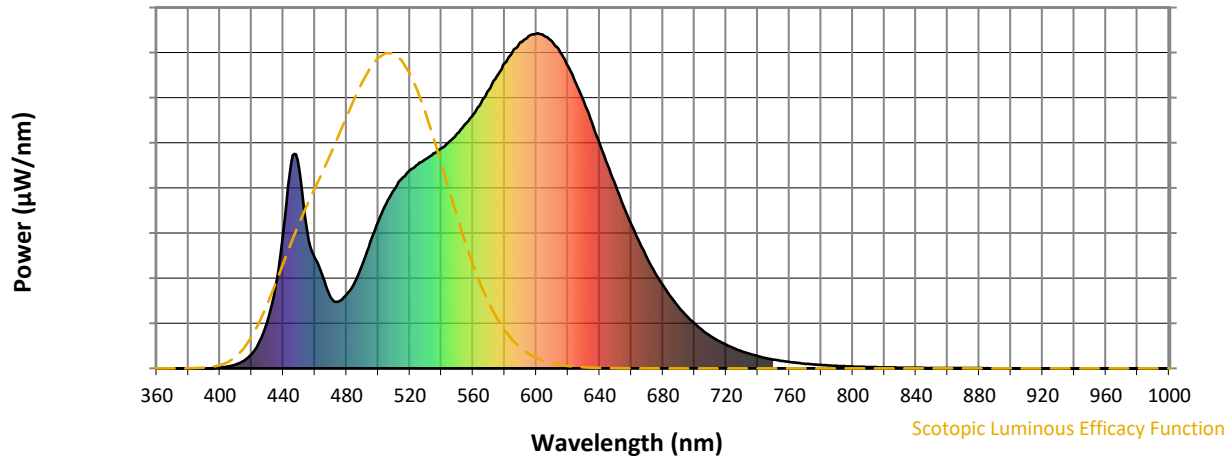


Photopic Lumens: NR

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	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



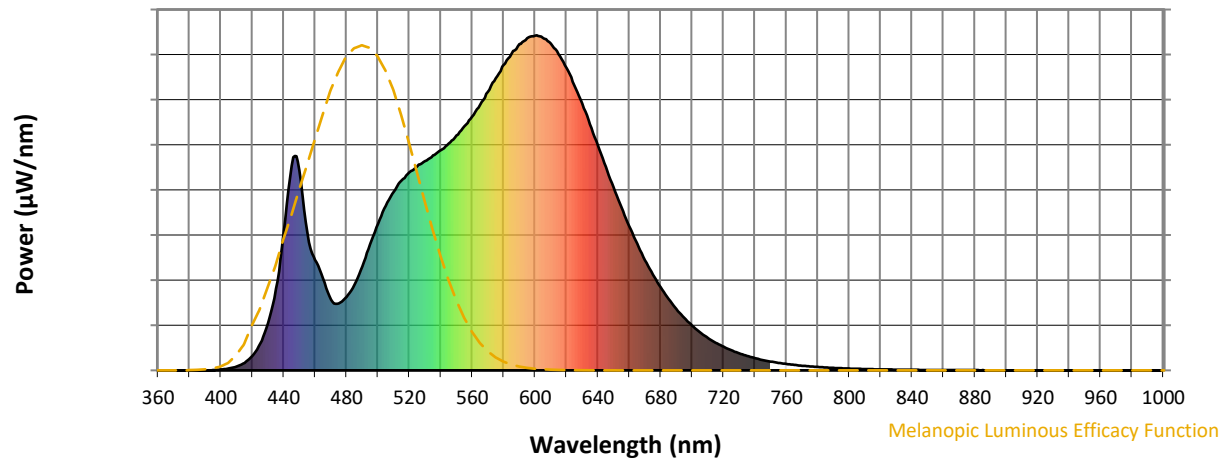
Scotopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.88

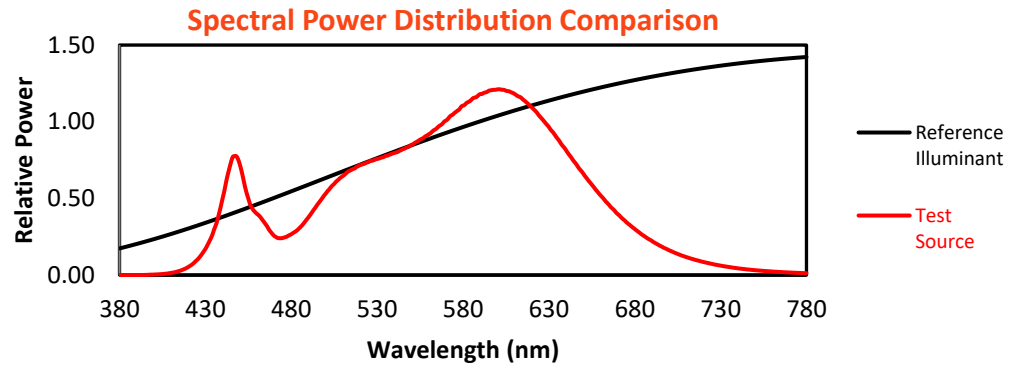
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	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			

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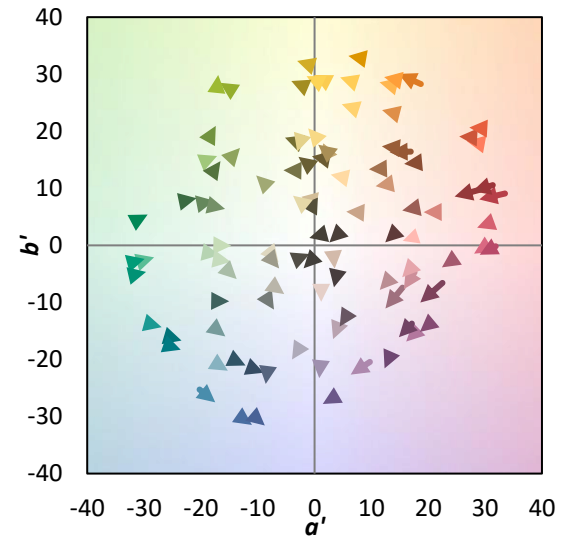
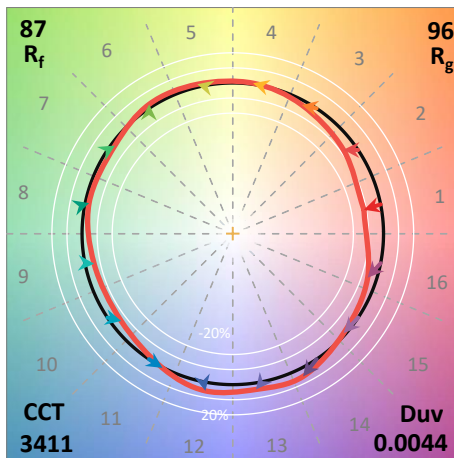
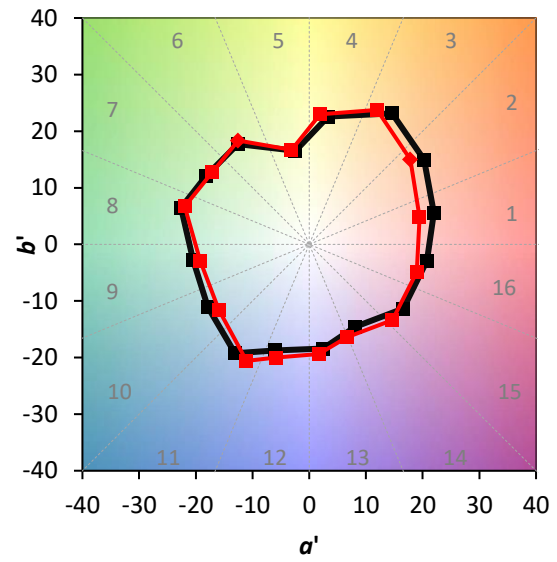
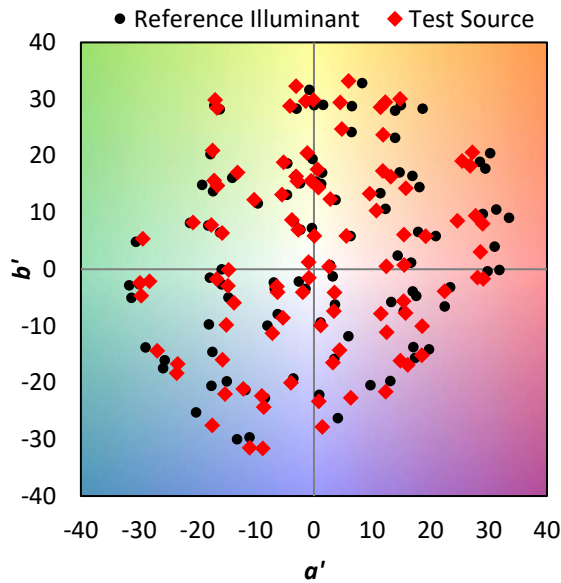
TM-30-18

Summary

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

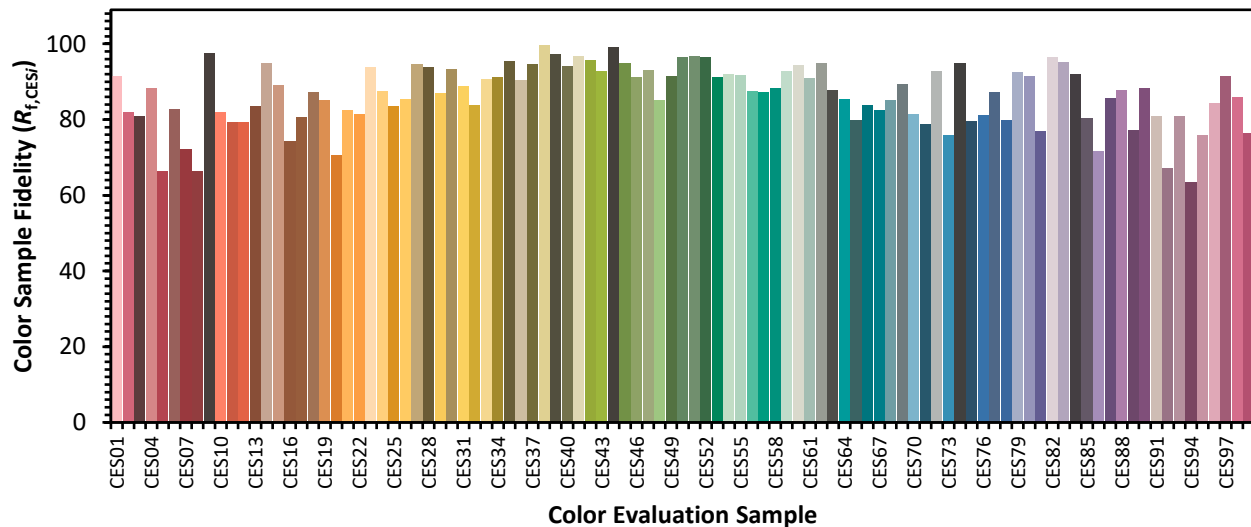


Color Vector Graphics

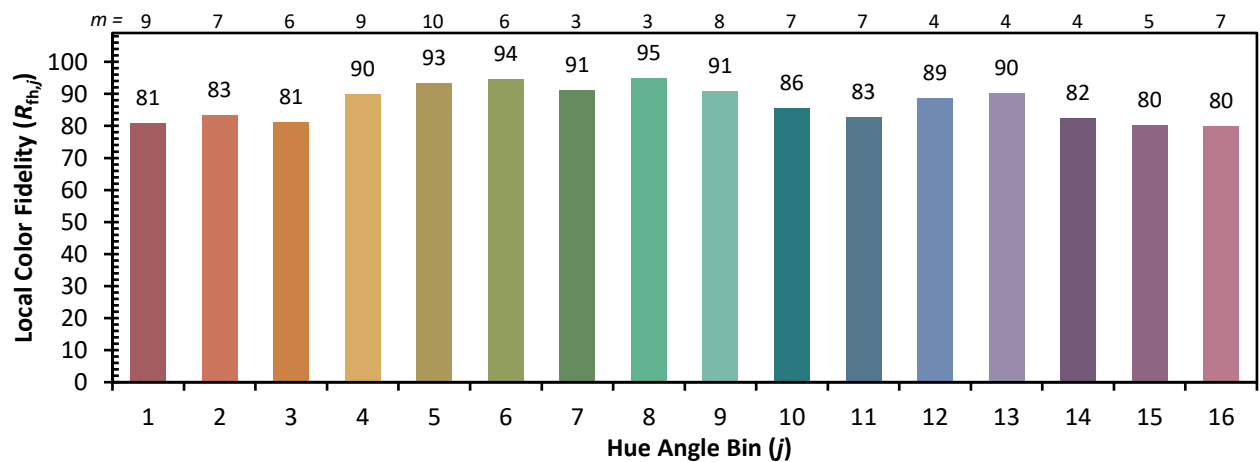
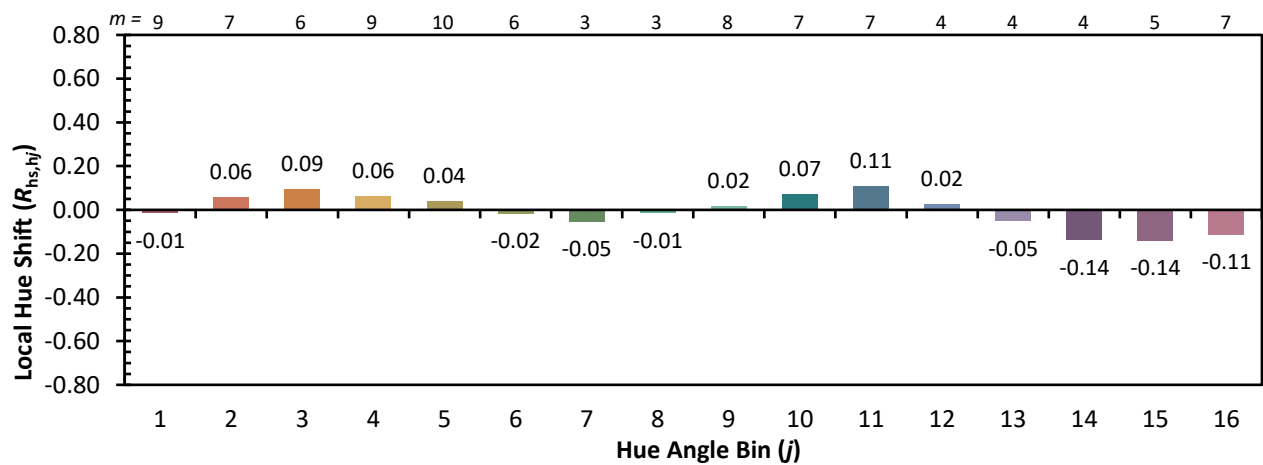
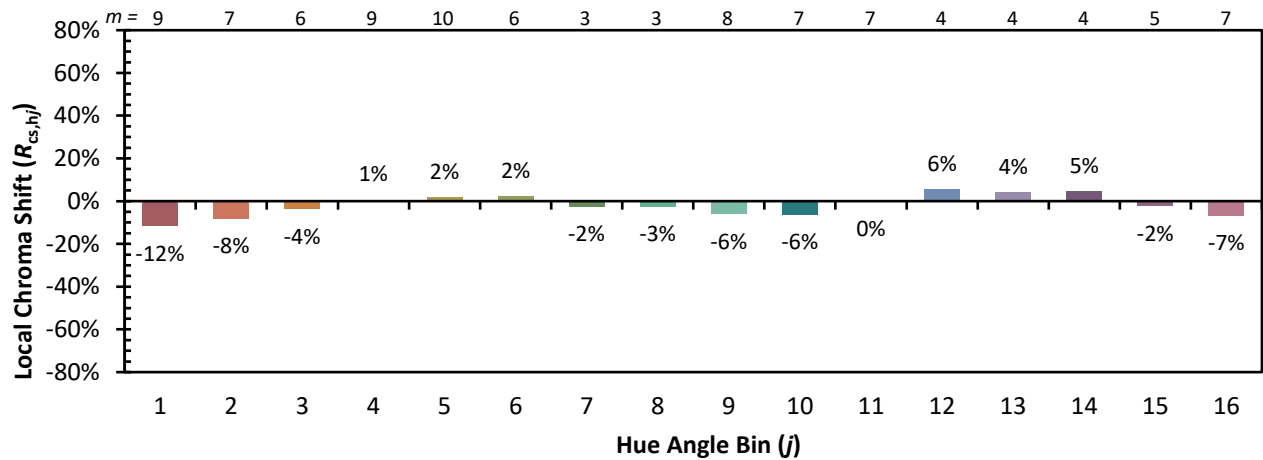


Individual Sample Fidelity Index ($R_{f,i}$)

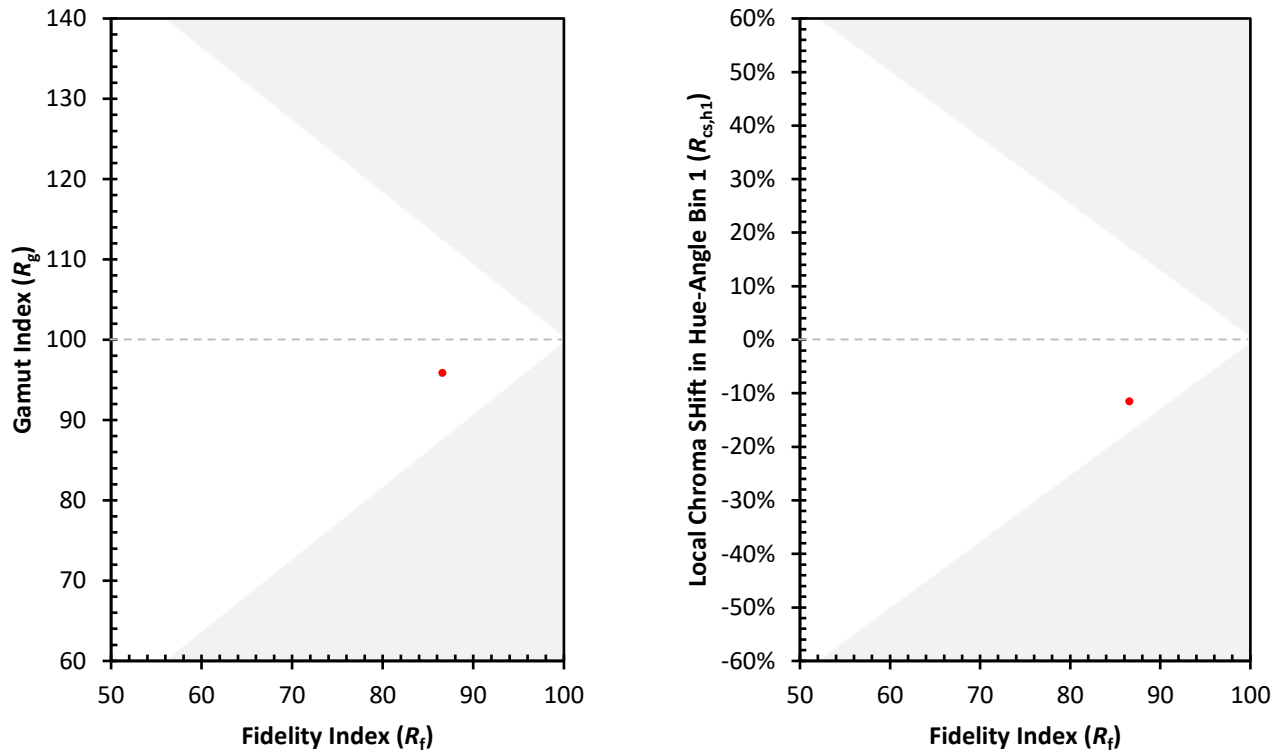
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82 = 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)