

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: P1049195

Luminaire Tested: **GALN-SA6C-835-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049195
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6C-835-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 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: 27193.9 lumens
Efficiency: N/A
Efficacy: 96.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

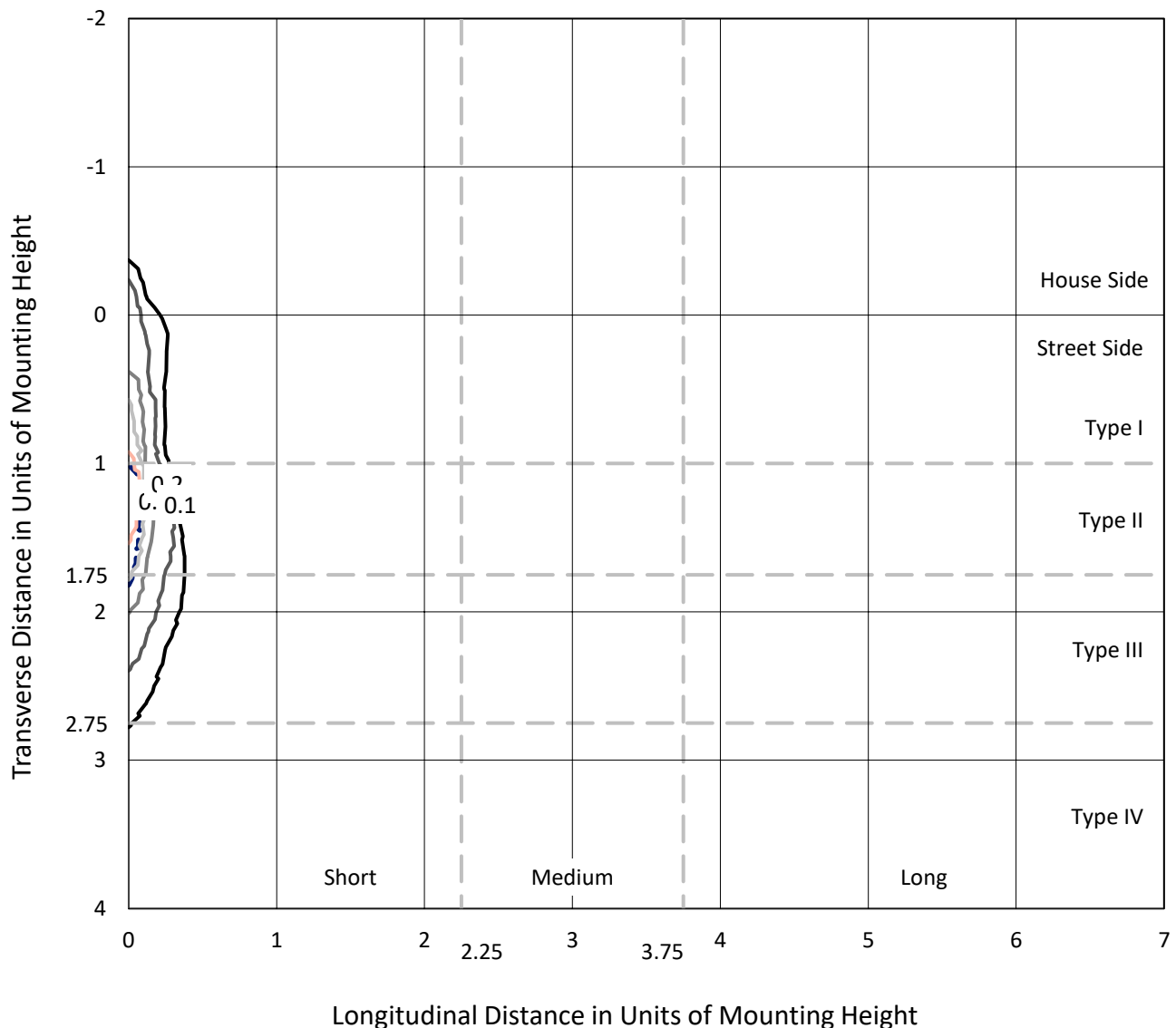
Input Watts (W): 282.5
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

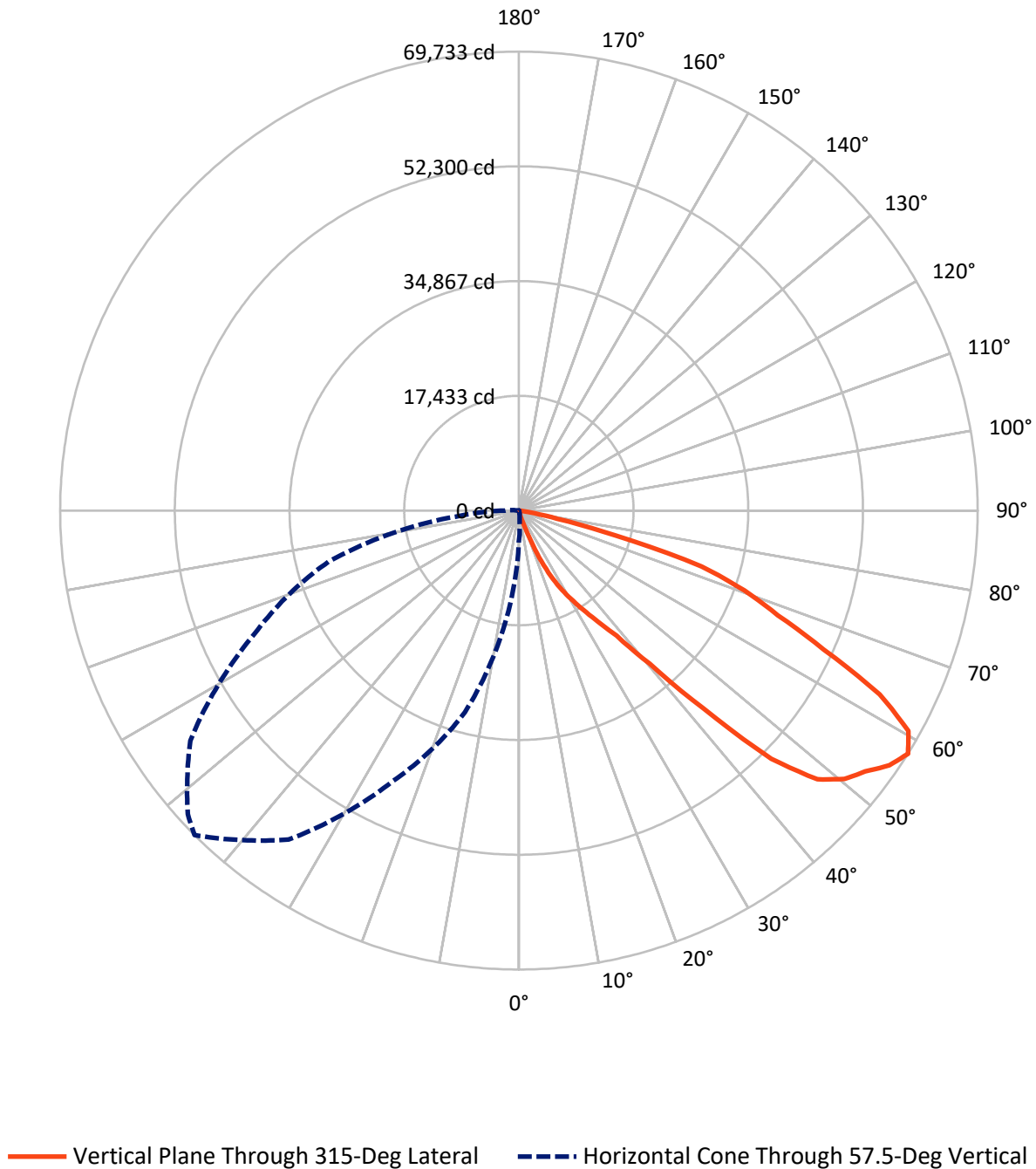
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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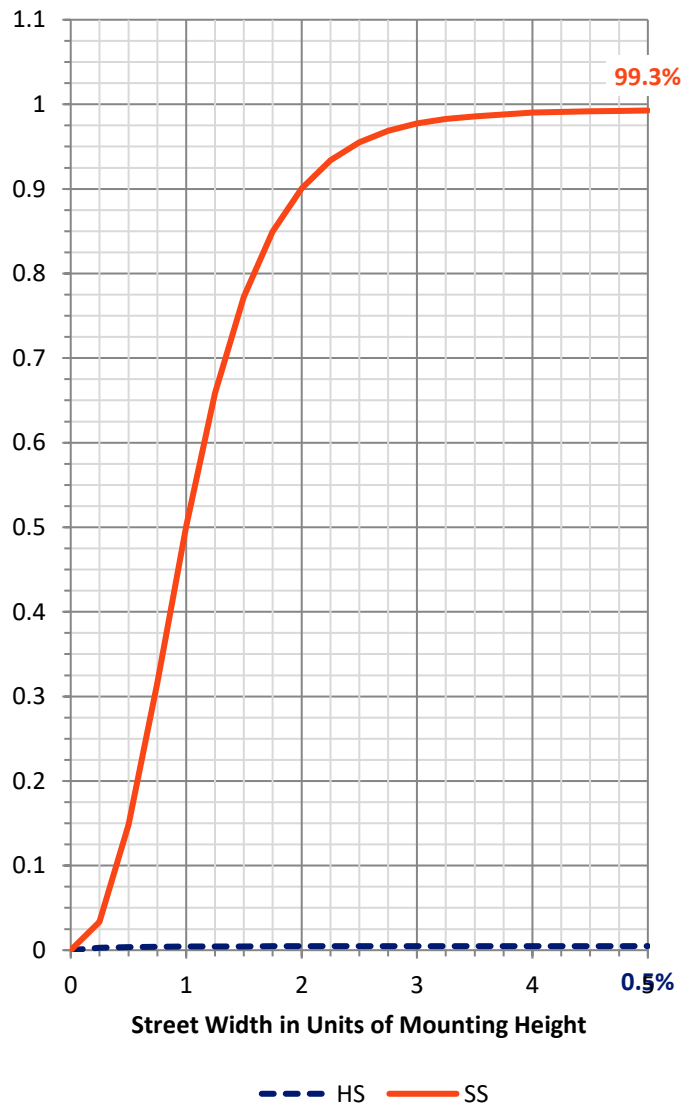
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	136.2	0.0	136.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	27057.7	0.0	27057.7
	% Fixture	99.5	0.0	99.5
Total	Lumens	27193.9	0.0	27193.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.7	0.0
10°-20°	59.7	0.2
20°-30°	644.5	2.4
30°-40°	1905.8	7.0
40°-50°	5679.7	20.9
50°-60°	9006.0	33.1
60°-70°	7517.8	27.6
70°-80°	2318.2	8.5
80°-90°	51.6	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	27193.9	100.0
0°-180°	27193.9	100.0



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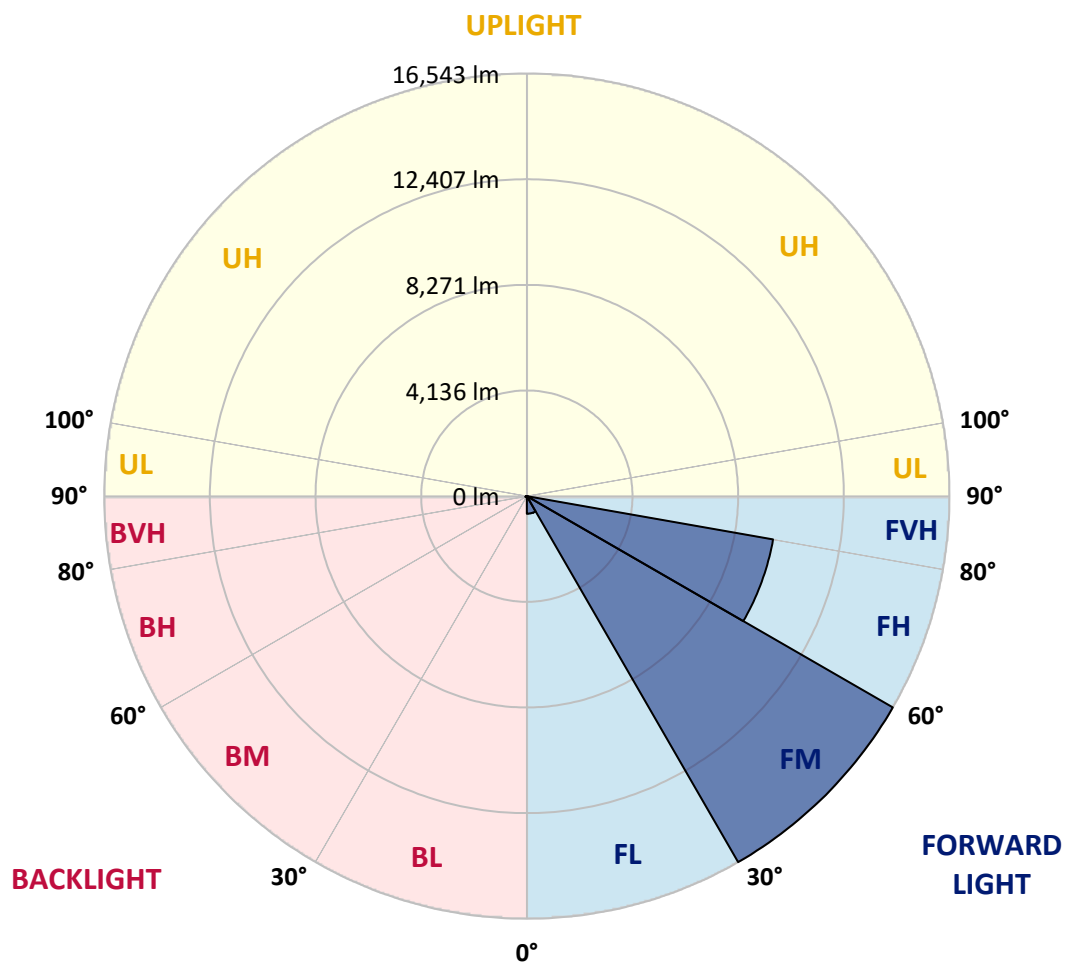
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	689.9	2.5			
FM	(30°-60°)	16542.8	60.8			
FH	(60°-80°)	9785.2	36.0			G4/12000
FVH	(80°-90°)	39.9	0.1			G1/100
BL	(0°-30°)	25.0	0.1	B0/110		
BM	(30°-60°)	48.7	0.2	B0/220		
BH	(60°-80°)	50.8	0.2	B0/110		G0/110
BVH	(80°-90°)	11.7	0.0			G1/100
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°	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2
2.5°	108.9	108.9	108.9	108.9	106.9	106.9	104.8	104.8	102.8	102.8
5°	115.1	115.1	113.0	111.0	111.0	108.9	106.9	104.8	104.8	102.8
7.5°	125.4	123.3	121.2	119.2	115.1	113.0	108.9	106.9	104.8	100.7
10°	137.7	133.6	129.5	125.4	121.2	117.1	113.0	111.0	106.9	104.8
12.5°	154.1	148.0	139.7	133.6	129.5	123.3	119.2	115.1	108.9	104.8
15°	168.5	160.3	150.0	141.8	135.6	127.4	121.2	115.1	111.0	104.8
17.5°	189.1	174.7	158.2	148.0	139.7	129.5	119.2	113.0	106.9	98.6
20°	224.0	195.2	164.4	152.1	139.7	127.4	115.1	106.9	100.7	92.5
22.5°	279.5	230.2	180.8	162.3	145.9	127.4	111.0	102.8	94.5	86.3
25°	386.3	298.0	209.6	185.0	160.3	135.6	111.0	100.7	92.5	82.2
27.5°	513.8	382.2	248.7	213.7	180.8	145.9	111.0	98.6	88.4	76.0
30°	643.2	468.5	291.8	246.6	201.4	156.2	111.0	96.6	84.3	69.9
32.5°	766.5	548.7	328.8	275.4	221.9	166.5	113.0	96.6	80.1	63.7
35°	891.9	614.5	335.0	279.5	224.0	166.5	111.0	92.5	76.0	57.5
37.5°	1052.2	688.4	322.6	267.2	213.7	158.2	104.8	88.4	71.9	53.4
40°	1294.7	811.7	328.8	271.3	213.7	156.2	98.6	82.2	67.8	51.4
42.5°	1742.7	1050.1	355.5	289.8	224.0	156.2	90.4	76.0	63.7	49.3
45°	3012.7	1744.7	476.8	378.1	279.5	180.8	82.2	69.9	59.6	47.3
47.5°	4983.4	2920.2	856.9	661.7	468.5	273.3	80.1	69.9	59.6	47.3
50°	6360.3	3719.6	1078.9	830.2	581.6	332.9	84.3	71.9	61.7	49.3
52.5°	6350.0	3777.1	1202.2	922.7	645.3	365.8	88.4	76.0	65.8	53.4
55°	5645.1	3436.0	1224.8	941.2	659.7	376.1	94.5	82.2	69.9	57.5
57.5°	4718.3	2918.1	1117.9	865.2	614.5	361.7	108.9	94.5	82.2	67.8
60°	3731.9	2301.6	871.3	688.4	507.6	324.7	143.9	125.4	108.9	90.4
62.5°	2577.0	1668.7	760.4	610.3	462.4	312.4	164.4	145.9	129.5	111.0
65°	1822.8	1255.6	686.4	559.0	433.6	306.2	178.8	158.2	139.7	119.2
67.5°	1362.5	998.7	632.9	524.0	415.1	306.2	197.3	172.6	150.0	125.4
70°	1044.0	820.0	593.9	505.5	419.2	330.9	242.5	207.6	174.7	139.7
72.5°	850.8	700.8	548.7	485.0	421.3	357.6	293.9	248.7	203.4	156.2
75°	704.9	600.1	495.3	441.8	390.5	337.0	283.6	242.5	203.4	162.3
77.5°	468.5	427.4	384.3	353.5	322.6	289.8	258.9	224.0	191.1	156.2
80°	164.4	158.2	152.1	164.4	176.7	189.1	201.4	176.7	154.1	129.5
82.5°	24.7	22.6	20.6	22.6	24.7	26.7	28.8	30.8	32.9	34.9
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°	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2
0.0	2.5°	100.7	100.7	98.6	98.6	98.6	96.6	96.6	94.5	94.5	94.5
0.0	5°	98.6	98.6	96.6	94.5	92.5	92.5	90.4	88.4	88.4	86.3
0.0	7.5°	96.6	94.5	92.5	90.4	88.4	86.3	84.3	82.2	82.2	80.1
0.0	10°	98.6	94.5	92.5	88.4	86.3	84.3	80.1	78.1	76.0	76.0
0.0	12.5°	94.5	92.5	88.4	84.3	82.2	78.1	76.0	71.9	69.9	69.9
0.0	15°	94.5	90.4	84.3	80.1	76.0	74.0	69.9	65.8	63.7	61.7
0.0	17.5°	88.4	84.3	78.1	74.0	69.9	65.8	61.7	57.5	55.5	53.4
0.0	20°	80.1	76.0	69.9	63.7	59.6	55.5	51.4	47.3	45.2	43.2
0.0	22.5°	71.9	67.8	61.7	55.5	51.4	47.3	41.1	37.0	34.9	30.8
0.0	25°	67.8	61.7	55.5	49.3	43.2	39.0	32.9	26.7	22.6	18.5
0.0	27.5°	57.5	51.4	45.2	39.0	32.9	26.7	20.6	14.4	10.3	8.2
0.0	30°	49.3	43.2	37.0	30.8	22.6	16.4	10.3	2.1	2.1	2.1
0.0	32.5°	41.1	34.9	26.7	20.6	16.4	10.3	6.2	0.0	0.0	0.0
0.0	35°	32.9	26.7	18.5	12.3	10.3	6.2	4.1	0.0	0.0	0.0
0.0	37.5°	28.8	22.6	14.4	6.2	4.1	4.1	2.1	0.0	0.0	0.0
0.0	40°	26.7	18.5	10.3	2.1	2.1	2.1	0.0	0.0	0.0	0.0
0.0	42.5°	26.7	18.5	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	26.7	18.5	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	26.7	18.5	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	28.8	20.6	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	32.9	24.7	16.4	8.2	6.2	4.1	2.1	0.0	0.0	0.0
0.0	55°	41.1	37.0	30.8	26.7	20.6	14.4	6.2	0.0	0.0	0.0
0.0	57.5°	53.4	53.4	51.4	49.3	37.0	24.7	12.3	0.0	0.0	0.0
0.0	60°	71.9	71.9	71.9	71.9	53.4	37.0	18.5	0.0	0.0	0.0
0.0	62.5°	88.4	84.3	78.1	74.0	55.5	37.0	18.5	0.0	0.0	0.0
0.0	65°	88.4	80.1	69.9	59.6	45.2	30.8	14.4	0.0	0.0	0.0
0.0	67.5°	82.2	65.8	47.3	30.8	22.6	16.4	8.2	0.0	0.0	0.0
	70°	82.2	57.5	32.9	8.2	6.2	4.1	2.1	0.0	0.0	0.0
	72.5°	82.2	55.5	26.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	90.4	61.7	30.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	90.4	61.7	30.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	80.1	53.4	26.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	26.7	18.5	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2
0.0	2.5°	92.5	92.5	92.5	90.4	90.4	90.4	90.4	88.4	88.4	88.4
0.0	5°	84.3	84.3	82.2	82.2	80.1	80.1	78.1	78.1	76.0	76.0
0.0	7.5°	78.1	76.0	76.0	74.0	71.9	71.9	69.9	69.9	67.8	65.8
0.0	10°	71.9	69.9	69.9	67.8	65.8	63.7	63.7	61.7	59.6	57.5
0.0	12.5°	65.8	63.7	61.7	59.6	57.5	55.5	55.5	53.4	51.4	49.3
0.0	15°	57.5	55.5	53.4	51.4	49.3	47.3	47.3	45.2	43.2	41.1
0.0	17.5°	49.3	47.3	47.3	45.2	43.2	41.1	39.0	34.9	32.9	30.8
0.0	20°	37.0	34.9	32.9	30.8	28.8	24.7	22.6	18.5	14.4	12.3
0.0	22.5°	24.7	20.6	18.5	14.4	10.3	8.2	6.2	2.1	0.0	0.0
0.0	25°	8.2	6.2	4.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049195

CATALOG NUMBER: GALN-SA6C-835-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049195

CATALOG NUMBER: GALN-SA6C-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°	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2
0.0	2.5°	86.3	86.3	86.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
0.0	5°	74.0	74.0	74.0	71.9	71.9	69.9	69.9	69.9	67.8	67.8
0.0	7.5°	63.7	61.7	61.7	59.6	59.6	57.5	57.5	57.5	55.5	55.5
0.0	10°	53.4	51.4	51.4	49.3	49.3	47.3	47.3	45.2	45.2	43.2
0.0	12.5°	47.3	45.2	43.2	41.1	41.1	39.0	37.0	37.0	34.9	32.9
0.0	15°	37.0	34.9	32.9	30.8	28.8	26.7	24.7	24.7	22.6	20.6
0.0	17.5°	24.7	20.6	18.5	16.4	16.4	14.4	12.3	10.3	8.2	6.2
0.0	20°	6.2	4.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P1049195

CATALOG NUMBER: GALN-SA6C-835-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049195

CATALOG NUMBER: GALN-SA6C-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°	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2
0.0	2.5°	84.3	82.2	82.2	82.2	84.3	84.3	84.3	84.3	84.3	84.3
0.0	5°	67.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
0.0	7.5°	55.5	53.4	53.4	53.4	53.4	51.4	51.4	51.4	51.4	51.4
0.0	10°	43.2	41.1	41.1	41.1	41.1	39.0	39.0	39.0	39.0	39.0
0.0	12.5°	30.8	30.8	28.8	28.8	28.8	26.7	26.7	26.7	26.7	24.7
0.0	15°	18.5	16.4	14.4	14.4	14.4	12.3	12.3	12.3	12.3	10.3
0.0	17.5°	4.1	4.1	2.1	2.1	2.1	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA6C-835-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA6C-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°	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2
0.0	2.5°	86.3	86.3	88.4	88.4	90.4	94.5	96.6	98.6	102.8	106.9
0.0	5°	67.8	69.9	69.9	71.9	74.0	76.0	78.1	80.1	84.3	88.4
0.0	7.5°	53.4	53.4	55.5	55.5	57.5	61.7	63.7	65.8	69.9	76.0
0.0	10°	41.1	41.1	43.2	43.2	45.2	49.3	51.4	53.4	57.5	63.7
0.0	12.5°	26.7	28.8	28.8	30.8	32.9	37.0	39.0	41.1	45.2	49.3
0.0	15°	12.3	14.4	14.4	16.4	18.5	22.6	24.7	26.7	30.8	37.0
0.0	17.5°	2.1	2.1	4.1	4.1	6.2	8.2	10.3	12.3	18.5	22.6
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	8.2
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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):

[illegible]

REPORT NUMBER: P1049195

CATALOG NUMBER: GALN-SA6C-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°	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2
0.0	2.5°	113.0	117.1	121.2	125.4	129.5	133.6	135.6	139.7	141.8	143.9
0.0	5°	96.6	100.7	106.9	111.0	115.1	119.2	123.3	125.4	127.4	129.5
0.0	7.5°	84.3	88.4	94.5	98.6	102.8	106.9	111.0	115.1	117.1	119.2
0.0	10°	71.9	78.1	82.2	88.4	92.5	96.6	100.7	104.8	108.9	111.0
0.0	12.5°	57.5	63.7	69.9	74.0	80.1	86.3	90.4	94.5	98.6	102.8
0.0	15°	45.2	51.4	57.5	61.7	67.8	74.0	80.1	84.3	88.4	92.5
0.0	17.5°	32.9	39.0	45.2	49.3	55.5	61.7	65.8	71.9	76.0	80.1
0.0	20°	16.4	22.6	28.8	34.9	41.1	47.3	51.4	57.5	61.7	65.8
0.0	22.5°	2.1	8.2	14.4	18.5	24.7	30.8	34.9	41.1	45.2	49.3
0.0	25°	0.0	2.1	6.2	8.2	10.3	14.4	18.5	22.6	26.7	30.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.1	4.1	8.2	12.3	16.4
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.1	4.1
	85°	0.0	0.0	0.0	0.0	0.0	4.1	6.2	10.3	12.3	14.4
	87.5°	0.0	2.1	4.1	6.2	8.2	12.3	16.4	20.6	22.6	24.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049195

CATALOG NUMBER: GALN-SA6C-835-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
119.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
2.1											
8.2											
18.5											
26.7											
0.0											
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REPORT NUMBER: P1049195

CATALOG NUMBER: GALN-SA6C-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°	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2
0.0	2.5°	145.9	145.9	145.9	145.9	143.9	143.9	143.9	141.8	141.8	139.7
0.0	5°	133.6	135.6	135.6	135.6	135.6	135.6	135.6	135.6	133.6	133.6
0.0	7.5°	123.3	125.4	127.4	127.4	129.5	129.5	129.5	127.4	127.4	125.4
0.0	10°	117.1	119.2	119.2	121.2	121.2	121.2	121.2	121.2	121.2	121.2
0.0	12.5°	108.9	111.0	113.0	113.0	115.1	115.1	115.1	115.1	113.0	113.0
0.0	15°	98.6	102.8	104.8	106.9	106.9	108.9	108.9	108.9	108.9	108.9
0.0	17.5°	90.4	94.5	96.6	98.6	98.6	100.7	100.7	102.8	102.8	102.8
0.0	20°	74.0	78.1	80.1	84.3	86.3	88.4	90.4	92.5	92.5	94.5
0.0	22.5°	57.5	61.7	63.7	67.8	69.9	71.9	74.0	76.0	78.1	80.1
0.0	25°	41.1	45.2	47.3	51.4	53.4	55.5	57.5	59.6	59.6	61.7
0.0	27.5°	22.6	26.7	30.8	32.9	37.0	39.0	41.1	43.2	45.2	47.3
0.0	30°	10.3	12.3	14.4	18.5	20.6	22.6	24.7	28.8	30.8	32.9
0.0	32.5°	0.0	0.0	2.1	6.2	8.2	10.3	12.3	14.4	14.4	16.4
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.1	4.1	6.2	8.2
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	4.1	4.1	4.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2
	82.5°	10.3	12.3	14.4	14.4	16.4	16.4	16.4	16.4	14.4	14.4
	85°	20.6	22.6	24.7	24.7	26.7	26.7	26.7	26.7	26.7	26.7
	87.5°	28.8	30.8	32.9	32.9	34.9	34.9	34.9	34.9	34.9	34.9
	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: P1049195

CATALOG NUMBER: GALN-SA6C-835-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
119.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
6.2											
14.4											
26.7											
34.9											
0.0											
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REPORT NUMBER: P1049195

CATALOG NUMBER: GALN-SA6C-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°	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2
0.0	2.5°	137.7	137.7	135.6	135.6	135.6	135.6	135.6	137.7	139.7	139.7
0.0	5°	131.5	131.5	129.5	129.5	129.5	131.5	131.5	133.6	135.6	137.7
0.0	7.5°	125.4	123.3	123.3	125.4	125.4	127.4	127.4	129.5	131.5	133.6
0.0	10°	121.2	119.2	119.2	119.2	121.2	121.2	123.3	125.4	127.4	129.5
0.0	12.5°	113.0	113.0	113.0	113.0	115.1	115.1	117.1	119.2	123.3	125.4
0.0	15°	108.9	106.9	106.9	106.9	106.9	108.9	108.9	113.0	117.1	119.2
0.0	17.5°	100.7	100.7	98.6	98.6	100.7	100.7	102.8	106.9	111.0	113.0
0.0	20°	92.5	90.4	88.4	88.4	90.4	90.4	92.5	96.6	100.7	102.8
0.0	22.5°	80.1	78.1	78.1	78.1	78.1	80.1	80.1	84.3	90.4	94.5
0.0	25°	63.7	65.8	65.8	67.8	67.8	69.9	71.9	76.0	82.2	86.3
0.0	27.5°	49.3	51.4	51.4	55.5	57.5	59.6	61.7	67.8	74.0	78.1
0.0	30°	37.0	39.0	41.1	43.2	47.3	51.4	55.5	61.7	67.8	71.9
0.0	32.5°	22.6	26.7	28.8	32.9	37.0	41.1	45.2	51.4	59.6	65.8
0.0	35°	16.4	18.5	22.6	24.7	28.8	32.9	37.0	45.2	51.4	59.6
0.0	37.5°	8.2	12.3	16.4	20.6	24.7	28.8	32.9	41.1	49.3	55.5
0.0	40°	6.2	10.3	12.3	16.4	22.6	26.7	30.8	39.0	47.3	55.5
0.0	42.5°	4.1	6.2	8.2	14.4	18.5	24.7	30.8	39.0	47.3	55.5
0.0	45°	4.1	4.1	6.2	12.3	18.5	26.7	32.9	41.1	47.3	55.5
0.0	47.5°	4.1	6.2	8.2	16.4	20.6	26.7	32.9	39.0	47.3	53.4
0.0	50°	6.2	8.2	10.3	18.5	22.6	28.8	32.9	41.1	47.3	55.5
0.0	52.5°	4.1	6.2	8.2	16.4	22.6	30.8	37.0	45.2	53.4	59.6
0.0	55°	2.1	2.1	2.1	12.3	24.7	34.9	47.3	53.4	61.7	67.8
0.0	57.5°	0.0	0.0	0.0	8.2	24.7	39.0	53.4	61.7	69.9	76.0
0.0	60°	0.0	0.0	0.0	8.2	24.7	39.0	53.4	63.7	74.0	84.3
0.0	62.5°	0.0	0.0	0.0	8.2	20.6	32.9	45.2	61.7	80.1	96.6
0.0	65°	0.0	0.0	0.0	6.2	16.4	26.7	37.0	61.7	86.3	108.9
0.0	67.5°	0.0	0.0	0.0	6.2	16.4	24.7	34.9	61.7	86.3	113.0
	70°	0.0	0.0	0.0	6.2	16.4	26.7	37.0	61.7	86.3	111.0
	72.5°	0.0	0.0	0.0	6.2	18.5	28.8	41.1	61.7	82.2	102.8
	75°	0.0	0.0	0.0	8.2	18.5	30.8	43.2	61.7	80.1	96.6
	77.5°	0.0	0.0	0.0	6.2	18.5	28.8	41.1	59.6	78.1	94.5
	80°	6.2	4.1	4.1	10.3	18.5	26.7	34.9	53.4	74.0	92.5
	82.5°	12.3	12.3	10.3	14.4	18.5	24.7	30.8	47.3	65.8	82.2
	85°	24.7	24.7	22.6	24.7	24.7	26.7	28.8	37.0	45.2	53.4
	87.5°	32.9	32.9	30.8	30.8	30.8	28.8	28.8	28.8	28.8	26.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
119.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.6											
123.3											
115.1											
113.0											
111.0											
98.6											
61.7											
26.7											
0.0											
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REPORT NUMBER: P1049195

CATALOG NUMBER: GALN-SA6C-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°	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2
0.0	2.5°	143.9	145.9	145.9	148.0	150.0	152.1	152.1	154.1	154.1	154.1
0.0	5°	141.8	145.9	148.0	150.0	152.1	154.1	156.2	158.2	160.3	160.3
0.0	7.5°	139.7	141.8	145.9	148.0	152.1	154.1	158.2	160.3	162.3	164.4
0.0	10°	135.6	139.7	143.9	148.0	152.1	156.2	160.3	164.4	168.5	170.6
0.0	12.5°	131.5	137.7	141.8	145.9	152.1	158.2	162.3	168.5	172.6	176.7
0.0	15°	129.5	133.6	139.7	143.9	152.1	160.3	166.5	174.7	182.9	189.1
0.0	17.5°	123.3	131.5	137.7	143.9	152.1	162.3	170.6	178.8	191.1	203.4
0.0	20°	115.1	121.2	129.5	135.6	148.0	158.2	170.6	180.8	199.3	217.8
0.0	22.5°	106.9	115.1	121.2	129.5	143.9	156.2	170.6	182.9	213.7	242.5
0.0	25°	98.6	108.9	117.1	125.4	141.8	158.2	174.7	191.1	242.5	293.9
0.0	27.5°	94.5	102.8	113.0	121.2	141.8	164.4	185.0	205.5	287.7	367.8
0.0	30°	88.4	98.6	106.9	117.1	143.9	170.6	197.3	224.0	349.4	474.7
0.0	32.5°	82.2	92.5	102.8	113.0	148.0	182.9	215.8	250.7	415.1	577.5
0.0	35°	76.0	88.4	98.6	108.9	154.1	201.4	246.6	291.8	474.7	655.6
0.0	37.5°	74.0	86.3	96.6	106.9	156.2	203.4	252.8	300.0	480.9	661.7
0.0	40°	76.0	86.3	98.6	108.9	150.0	191.1	230.2	271.3	460.3	647.3
0.0	42.5°	76.0	88.4	100.7	113.0	145.9	178.8	211.7	244.5	454.2	663.8
0.0	45°	74.0	86.3	98.6	111.0	141.8	170.6	201.4	230.2	491.1	750.1
0.0	47.5°	71.9	84.3	96.6	108.9	139.7	170.6	201.4	232.2	635.0	1035.7
0.0	50°	71.9	84.3	94.5	104.8	141.8	180.8	217.8	254.8	924.8	1592.6
0.0	52.5°	76.0	86.3	94.5	102.8	145.9	191.1	234.3	277.4	1175.5	2071.5
0.0	55°	82.2	88.4	96.6	102.8	156.2	207.6	261.0	312.4	1251.5	2190.7
0.0	57.5°	90.4	96.6	102.8	108.9	174.7	240.4	304.1	369.9	1257.7	2143.4
0.0	60°	100.7	108.9	115.1	121.2	191.1	263.0	332.9	402.8	1138.5	1872.1
0.0	62.5°	123.3	133.6	141.8	152.1	219.9	285.6	353.5	419.2	945.3	1471.4
0.0	65°	141.8	150.0	158.2	166.5	232.2	300.0	365.8	431.6	801.5	1171.4
0.0	67.5°	145.9	154.1	160.3	168.5	236.3	304.1	369.9	437.7	686.4	933.0
	70°	148.0	158.2	170.6	180.8	250.7	320.6	388.4	458.3	608.3	758.3
	72.5°	141.8	162.3	180.8	199.3	265.1	328.8	394.6	458.3	565.1	672.0
	75°	141.8	170.6	197.3	224.0	273.3	320.6	369.9	417.2	499.4	581.6
	77.5°	150.0	187.0	224.0	261.0	289.8	316.5	345.2	372.0	425.4	478.8
	80°	150.0	189.1	226.1	265.1	277.4	291.8	304.1	316.5	322.6	328.8
	82.5°	129.5	160.3	191.1	221.9	207.6	193.2	178.8	164.4	154.1	141.8
	85°	65.8	71.9	76.0	80.1	74.0	67.8	61.7	55.5	51.4	45.2
	87.5°	26.7	26.7	24.7	24.7	24.7	24.7	22.6	22.6	22.6	22.6
	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

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CATALOG NUMBER: GALN-SA6C-835-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
119.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
199.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
219.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
252.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
322.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
437.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
608.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
824.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1029.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1169.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1274.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1378.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1584.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1995.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3041.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4658.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5865.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5998.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5412.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4627.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3616.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2733.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1428.2											
1062.4											
772.7											
581.6											
326.7											
148.0											
43.2											
20.6											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA6C-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°	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2
0.0	2.5°	154.1	152.1	152.1	150.0	148.0	145.9	143.9	141.8	139.7	137.7
0.0	5°	160.3	160.3	160.3	158.2	158.2	156.2	156.2	154.1	152.1	150.0
0.0	7.5°	166.5	168.5	168.5	170.6	170.6	170.6	170.6	168.5	168.5	168.5
0.0	10°	176.7	178.8	180.8	182.9	185.0	187.0	187.0	189.1	189.1	189.1
0.0	12.5°	189.1	195.2	199.3	205.5	209.6	215.8	219.9	226.1	230.2	234.3
0.0	15°	207.6	217.8	230.2	240.4	250.7	265.1	281.5	295.9	310.3	332.9
0.0	17.5°	234.3	267.2	300.0	330.9	363.7	435.7	507.6	577.5	649.4	754.2
0.0	20°	285.6	384.3	480.9	579.5	676.1	928.9	1179.6	1432.3	1683.1	1952.3
0.0	22.5°	400.7	643.2	885.7	1128.2	1370.7	1898.8	2424.9	2953.1	3479.1	4097.7
0.0	25°	581.6	1027.5	1473.4	1917.3	2363.3	3189.4	4017.6	4843.7	5669.8	6473.3
0.0	27.5°	846.7	1528.9	2211.2	2891.4	3573.7	4693.7	5815.7	6935.7	8055.7	8964.0
0.0	30°	1173.4	2098.2	3022.9	3947.7	4872.5	6146.6	7420.7	8692.7	9966.8	10959.4
0.0	32.5°	1481.7	2614.0	3746.3	4876.6	6008.9	7459.7	8912.6	10363.5	11814.3	12899.4
0.0	35°	1683.1	3051.7	4422.4	5791.0	7159.7	8729.7	10299.8	11867.7	13437.8	14677.0
0.0	37.5°	1884.5	3464.8	5043.0	6623.3	8201.6	9925.7	11649.9	13374.1	15098.2	16629.2
0.0	40°	2110.5	3964.1	5815.7	7669.3	9520.9	11563.6	13604.2	15646.9	17687.6	19847.4
0.0	42.5°	2503.0	4792.3	7083.7	9372.9	11662.2	14364.6	17066.9	19767.2	22469.6	25552.1
0.0	45°	3240.8	6467.1	9695.6	12922.0	16148.3	19728.2	23310.1	26889.9	30469.8	34571.6
0.0	47.5°	5047.1	9486.0	13922.8	18361.6	22798.4	26663.9	30527.3	34392.8	38256.3	42341.6
0.0	50°	7722.8	12889.1	18055.4	23219.7	28386.0	31883.6	35379.2	38876.9	42372.5	46258.5
0.0	52.5°	9658.6	15040.7	20424.8	25806.9	31189.0	34345.6	37504.1	40660.6	43817.1	47448.4
0.0	55°	9804.5	15155.8	20509.1	25860.4	31211.6	34382.5	37553.4	40724.3	43895.2	47744.3
0.0	57.5°	8680.4	13988.5	19294.6	24602.7	29908.8	33519.4	37128.1	40738.7	44347.3	48508.8
0.0	60°	7383.7	12693.9	18002.0	23312.2	28620.3	32779.6	36941.0	41100.4	45259.8	49158.1
0.0	62.5°	5760.2	11222.5	16686.8	22149.0	27611.3	31834.3	36057.4	40278.4	44501.5	47425.8
0.0	65°	4292.9	9596.9	14901.0	20202.9	25506.9	28889.5	32272.0	35652.5	39035.1	40845.6
0.0	67.5°	3103.1	7677.6	12250.0	16824.5	21396.9	23817.7	26238.5	28657.3	31078.1	32463.2
	70°	2098.2	5267.0	8433.8	11602.6	14769.4	16758.7	18750.0	20739.3	22728.5	24598.6
	72.5°	1452.9	3232.5	5014.2	6793.9	8573.5	10575.1	12574.7	14576.3	16575.8	18554.8
	75°	963.8	1773.5	2585.2	3394.9	4204.6	5686.2	7170.0	8651.6	10133.3	11312.9
	77.5°	684.3	926.8	1171.4	1413.9	1656.3	1933.8	2213.3	2490.7	2768.1	3189.4
	80°	324.7	355.5	386.3	415.1	445.9	546.6	647.3	748.0	848.7	955.6
	82.5°	154.1	166.5	178.8	189.1	201.4	211.7	221.9	232.2	242.5	232.2
	85°	41.1	41.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	41.1
	87.5°	18.5	18.5	18.5	18.5	18.5	18.5	18.5	16.4	16.4	14.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
119.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
236.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
357.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
856.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2223.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4716.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7276.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9872.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11954.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13986.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15916.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18162.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22007.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28634.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38673.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46427.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50144.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51079.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51595.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52670.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53054.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50352.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42658.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33850.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26466.6											
20533.8											
12492.5											
3610.7											
1062.4											
219.9											
39.0											
14.4											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2
0.0	2.5°	133.6	131.5	129.5	127.4	125.4	121.2	121.2	119.2	119.2
0.0	5°	145.9	143.9	141.8	139.7	139.7	137.7	135.6	135.6	133.6
0.0	7.5°	166.5	164.4	162.3	160.3	160.3	158.2	158.2	156.2	156.2
0.0	10°	191.1	191.1	191.1	191.1	191.1	189.1	189.1	189.1	187.0
0.0	12.5°	240.4	242.5	246.6	250.7	256.9	256.9	256.9	254.8	254.8
0.0	15°	380.2	402.8	419.2	435.7	450.0	482.9	478.8	472.7	468.5
0.0	17.5°	961.7	1064.5	1120.0	1173.4	1228.9	1381.0	1356.3	1331.7	1309.0
0.0	20°	2492.7	2761.9	2940.7	3119.5	3300.4	3586.0	3516.1	3446.3	3376.4
0.0	22.5°	5332.8	5951.3	6220.5	6489.8	6756.9	7102.2	6878.2	6654.2	6432.2
0.0	25°	8078.3	8881.8	9336.0	9790.1	10242.2	10439.5	10147.7	9853.8	9562.0
0.0	27.5°	10780.6	11689.0	12089.7	12488.4	12889.1	13302.1	12940.5	12576.7	12215.0
0.0	30°	12946.6	13939.2	14372.8	14804.4	15238.0	15525.7	15151.7	14775.6	14401.6
0.0	32.5°	15071.5	16156.6	16631.3	17106.0	17578.6	17991.7	17531.4	17069.0	16608.7
0.0	35°	17153.3	18392.4	19045.9	19699.4	20352.9	20737.2	20190.6	19641.9	19095.2
0.0	37.5°	19693.3	21224.2	21955.8	22687.4	23419.0	24119.8	23517.7	22913.5	22311.4
0.0	40°	24167.0	26326.9	27448.9	28573.0	29695.0	30599.3	29838.9	29078.5	28318.2
0.0	42.5°	31717.2	34799.7	36412.9	38024.0	39637.2	41049.0	40249.6	39450.2	38650.8
0.0	45°	42775.2	46877.1	48843.7	50808.3	52775.0	53806.6	52655.8	51502.9	50352.1
0.0	47.5°	50510.3	54595.7	56346.6	58097.5	59848.4	61025.9	59618.2	58210.5	56804.9
0.0	50°	54028.5	57914.6	59671.6	61426.6	63183.7	64118.7	62493.2	60865.6	59240.1
0.0	52.5°	54708.8	58340.0	60436.1	62534.3	64630.4	65879.8	63960.5	62039.0	60119.6
0.0	55°	55444.4	59293.5	61724.6	64157.7	66588.8	68319.2	66149.0	63976.9	61806.8
0.0	57.5°	56829.5	60990.9	63415.9	65838.7	68263.7	69733.0	67556.7	65378.4	63202.1
0.0	60°	56952.8	60849.2	62932.9	65018.8	67102.6	68027.3	65945.6	63861.8	61780.1
0.0	62.5°	53276.4	56200.7	57647.4	59094.2	60540.9	61545.8	59373.6	57199.4	55027.3
0.0	65°	44468.6	46279.1	47431.9	48584.8	49737.7	50935.7	48946.5	46957.2	44968.0
0.0	67.5°	35235.4	36620.5	38139.1	39657.8	41176.4	42456.7	40864.1	39269.4	37676.7
	70°	28336.7	30204.7	31912.4	33620.1	35327.9	36375.9	34777.1	33176.2	31577.4
	72.5°	22512.7	24491.7	25917.9	27342.0	28768.2	29025.1	27849.6	26674.2	25500.7
	75°	13670.0	14849.6	14878.3	14905.1	14933.8	15178.4	14204.3	13230.2	12258.2
	77.5°	4031.9	4453.2	4800.5	5145.8	5493.1	5912.3	5554.7	5195.1	4837.5
	80°	1167.3	1274.1	1364.5	1452.9	1543.3	1489.9	1405.6	1321.4	1237.1
	82.5°	209.6	197.3	195.2	193.2	193.2	182.9	166.5	150.0	133.6
	85°	37.0	34.9	32.9	30.8	28.8	26.7	22.6	20.6	16.4
	87.5°	12.3	10.3	8.2	6.2	6.2	2.1	2.1	2.1	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049195

CATALOG NUMBER: GALN-SA6C-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°	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2	119.2
0.0	0.0	2.5°	117.1	115.1	115.1	115.1	115.1	113.0	113.0	113.0	113.0
0.0	0.0	5°	129.5	129.5	127.4	127.4	125.4	125.4	123.3	123.3	121.2
0.0	0.0	7.5°	152.1	150.0	148.0	145.9	143.9	139.7	137.7	135.6	135.6
0.0	0.0	10°	182.9	178.8	176.7	172.6	170.6	166.5	162.3	158.2	154.1
0.0	0.0	12.5°	240.4	232.2	226.1	217.8	209.6	203.4	195.2	189.1	180.8
0.0	0.0	15°	417.2	396.6	374.0	347.3	318.5	291.8	263.0	246.6	228.1
0.0	0.0	17.5°	1066.6	959.7	850.8	762.4	674.0	587.7	499.4	435.7	372.0
0.0	0.0	20°	2714.7	2418.8	2122.8	1831.0	1537.2	1245.3	951.5	803.5	655.6
0.0	0.0	22.5°	5108.8	4560.1	4009.3	3477.1	2942.8	2410.5	1878.3	1543.3	1210.4
0.0	0.0	25°	7885.1	7194.6	6504.1	5628.7	4751.2	3875.8	3000.3	2455.7	1911.2
0.0	0.0	27.5°	10260.7	9465.4	8670.1	7605.6	6541.1	5476.6	4412.1	3600.4	2790.7
0.0	0.0	30°	12317.8	11462.9	10608.0	9368.8	8129.7	6890.5	5651.3	4636.1	3620.9
0.0	0.0	32.5°	14101.5	13078.1	12054.7	10776.5	9498.3	8220.1	6941.9	5696.5	4451.2
0.0	0.0	35°	16158.6	14964.7	13768.6	12350.7	10930.7	9512.7	8094.7	6689.1	5281.4
0.0	0.0	37.5°	18772.6	17307.4	15840.1	14259.8	12679.5	11101.2	9520.9	7913.9	6306.9
0.0	0.0	40°	23776.6	21886.0	19995.3	17987.6	15977.8	13970.0	11962.3	9989.5	8016.6
0.0	0.0	42.5°	32742.6	30188.2	27633.9	24962.3	22288.8	19617.2	16943.6	14161.1	11376.6
0.0	0.0	45°	42861.6	39692.7	36521.8	33523.5	30523.2	27524.9	24526.7	20708.4	16890.2
0.0	0.0	47.5°	48551.9	45130.3	41708.7	38870.7	36032.7	33194.7	30356.8	26240.6	22124.3
0.0	0.0	50°	50646.0	47162.7	43679.5	41067.5	38453.5	35841.6	33227.6	29105.3	24980.8
0.0	0.0	52.5°	51091.9	47538.8	43985.7	41357.3	38728.9	36102.6	33474.2	29378.6	25282.9
0.0	0.0	55°	52008.5	48196.4	44382.3	41386.1	38389.8	35393.6	32397.4	28236.0	24074.6
0.0	0.0	57.5°	53206.5	49297.9	45389.2	41975.8	38562.5	35151.1	31737.7	27187.9	22638.1
0.0	0.0	60°	52892.1	49491.1	46087.9	42432.1	38774.1	35118.2	31460.3	26456.3	21450.3
0.0	0.0	62.5°	47434.0	44725.5	42014.9	39008.4	35999.8	32993.4	29986.9	24834.9	19683.0
0.0	0.0	65°	39022.8	37045.9	35068.9	32650.2	30229.3	27810.6	25391.8	20772.1	16154.5
0.0	0.0	67.5°	31626.8	29399.1	27169.4	25241.8	23312.2	21384.5	19454.9	15819.5	12184.2
		70°	25126.7	22703.9	20278.9	18396.5	16512.1	14629.7	12747.3	10330.6	7915.9
		72.5°	19954.2	17769.8	15585.3	13577.5	11567.7	9560.0	7550.1	6121.9	4693.7
		75°	9537.3	8664.0	7790.6	6740.5	5690.4	4640.2	3590.1	2967.4	2346.8
		77.5°	3534.6	3064.0	2591.4	2163.9	1736.5	1311.1	883.7	809.7	735.7
		80°	914.5	797.3	678.2	593.9	507.6	423.3	339.1	306.2	275.4
		82.5°	104.8	96.6	90.4	86.3	80.1	76.0	69.9	63.7	57.5
		85°	6.2	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049195

CATALOG NUMBER: GALN-SA6C-835-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	119.2	119.2
0.0	0.0	2.5°	111.0	108.9
0.0	0.0	5°	117.1	115.1
0.0	0.0	7.5°	129.5	125.4
0.0	0.0	10°	141.8	137.7
0.0	0.0	12.5°	160.3	154.1
0.0	0.0	15°	180.8	168.5
0.0	0.0	17.5°	215.8	189.1
0.0	0.0	20°	291.8	224.0
0.0	0.0	22.5°	411.0	279.5
0.0	0.0	25°	604.2	386.3
0.0	0.0	27.5°	840.5	513.8
0.0	0.0	30°	1117.9	643.2
0.0	0.0	32.5°	1362.5	766.5
0.0	0.0	35°	1681.0	891.9
0.0	0.0	37.5°	2073.5	1052.2
0.0	0.0	40°	2681.8	1294.7
0.0	0.0	42.5°	3777.1	1742.7
0.0	0.0	45°	6134.2	3012.7
0.0	0.0	47.5°	9438.7	4983.4
0.0	0.0	50°	11547.2	6360.3
0.0	0.0	52.5°	11719.8	6350.0
0.0	0.0	55°	10698.4	5645.1
0.0	0.0	57.5°	9128.4	4718.3
0.0	0.0	60°	7587.1	3731.9
0.0	0.0	62.5°	5978.1	2577.0
0.0	0.0	65°	4369.0	1822.8
0.0	0.0	67.5°	3138.0	1362.5
		70°	2063.2	1044.0
		72.5°	1344.0	850.8
		75°	904.2	704.9
		77.5°	528.1	468.5
		80°	187.0	164.4
		82.5°	34.9	24.7
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049195

CATALOG NUMBER: GALN-SA6C-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

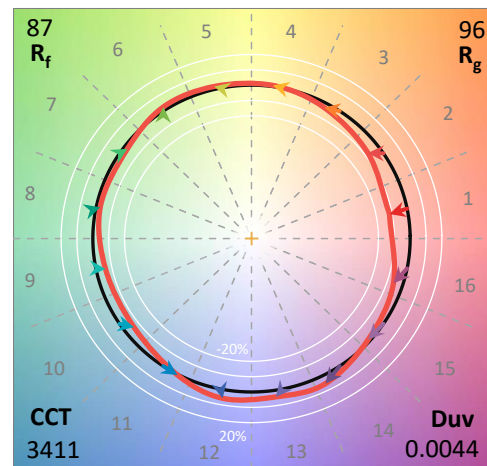
Test Information

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

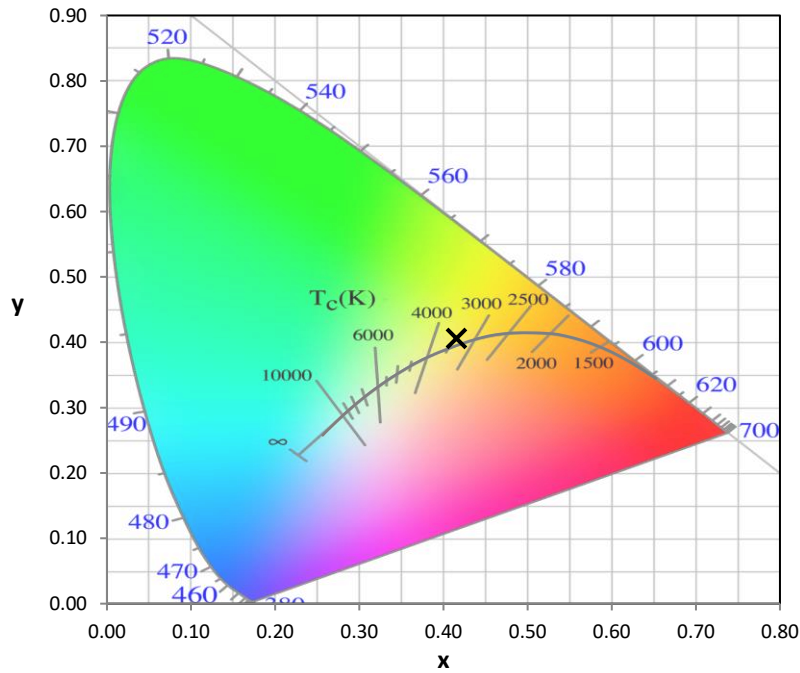
Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-10

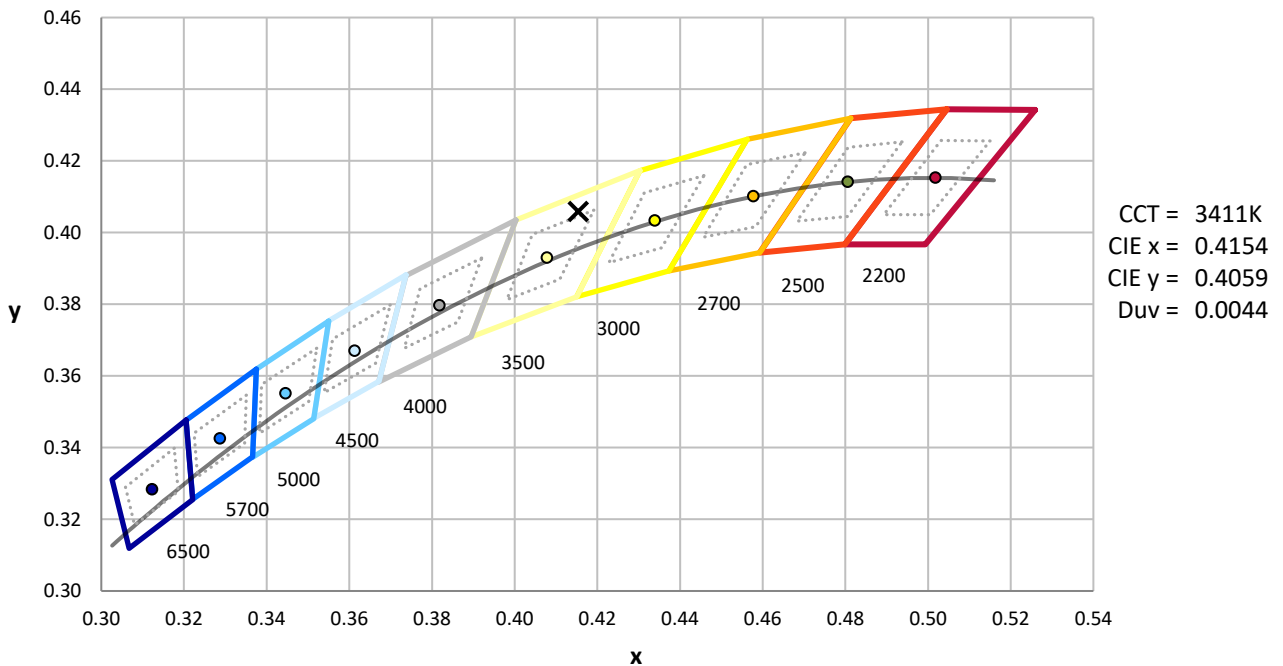
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



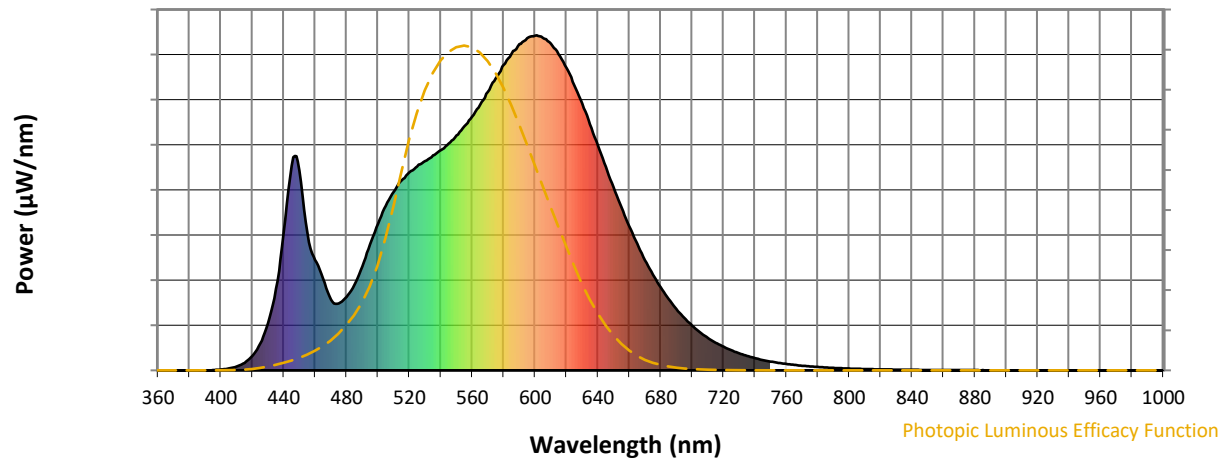
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-10

Photopic Flux vs. Wavelength

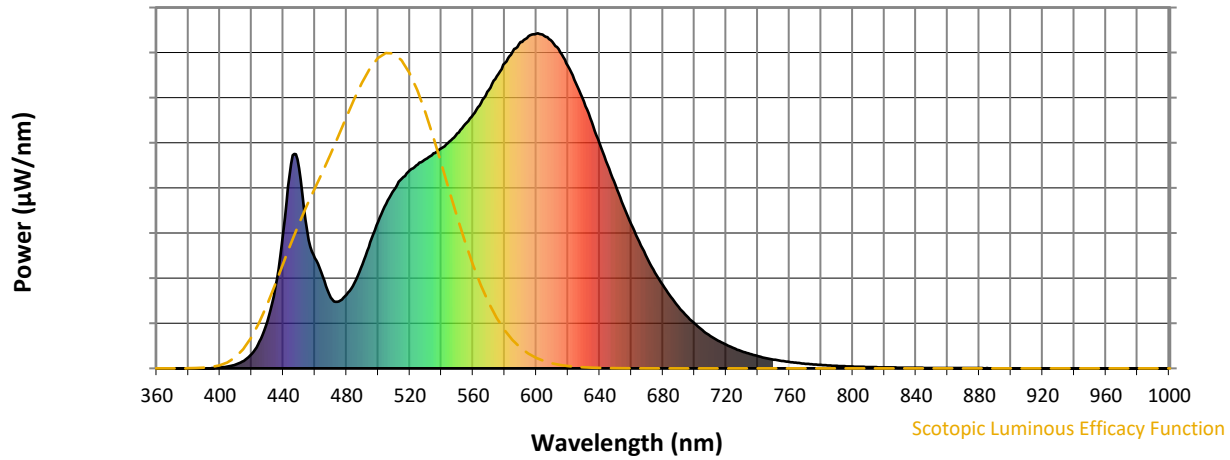


Photopic Lumens: NR

λ (nm)	Power 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

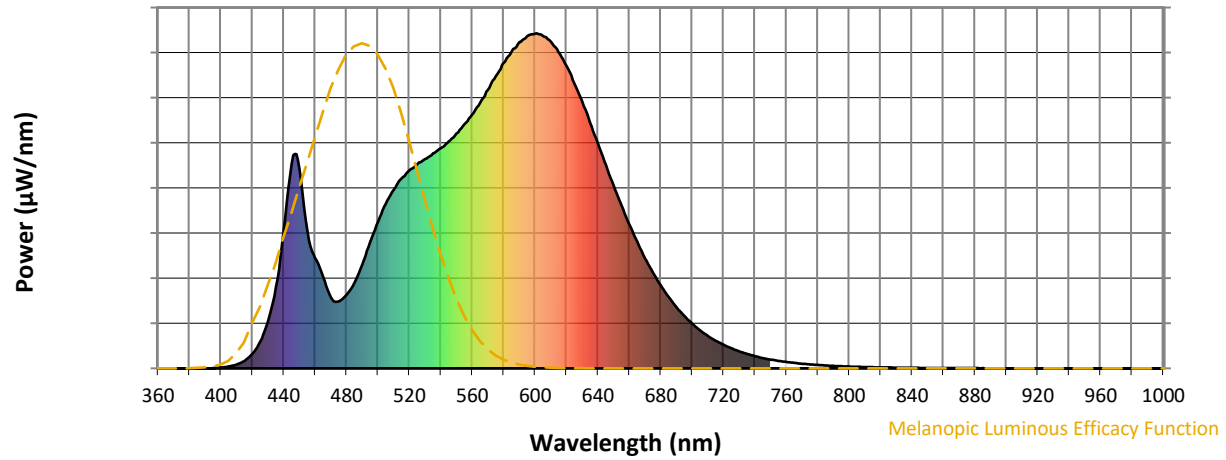


Scotopic Lumens: NR

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

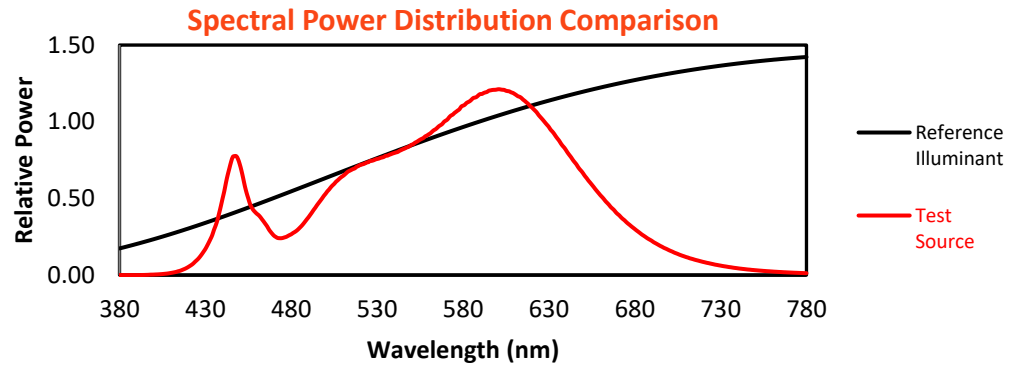
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	311	NR	620	903	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			

REPORT NUMBER: SP1-2407-184-10

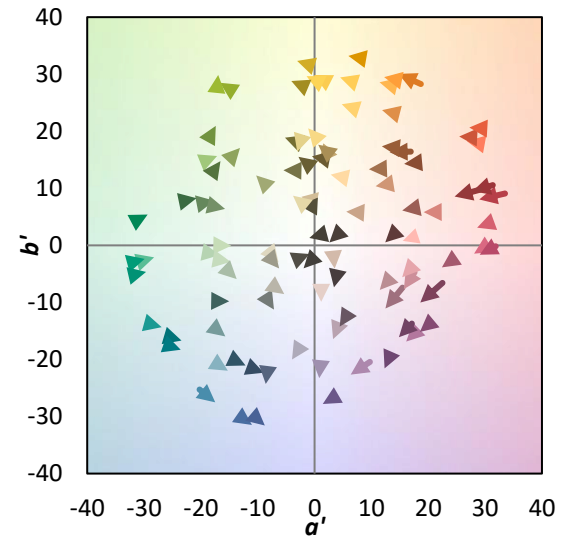
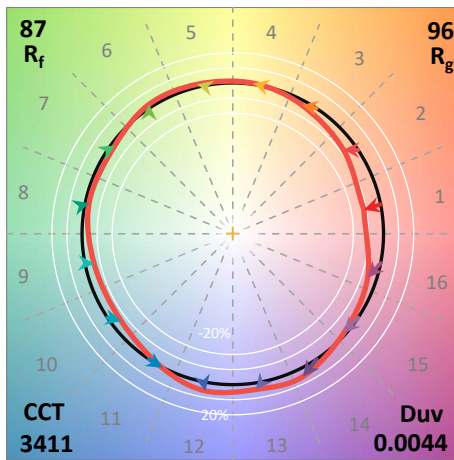
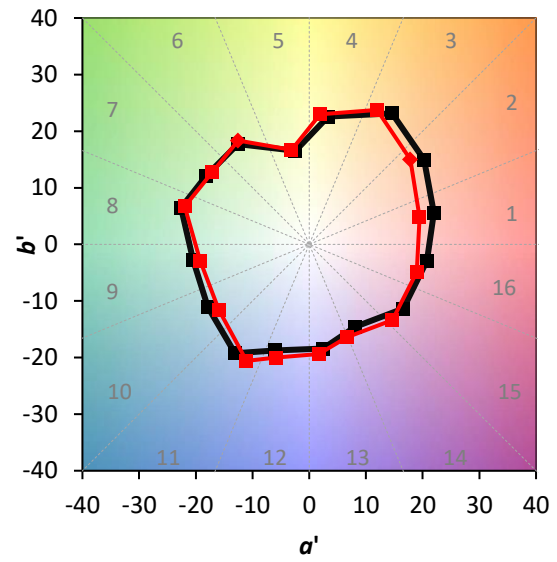
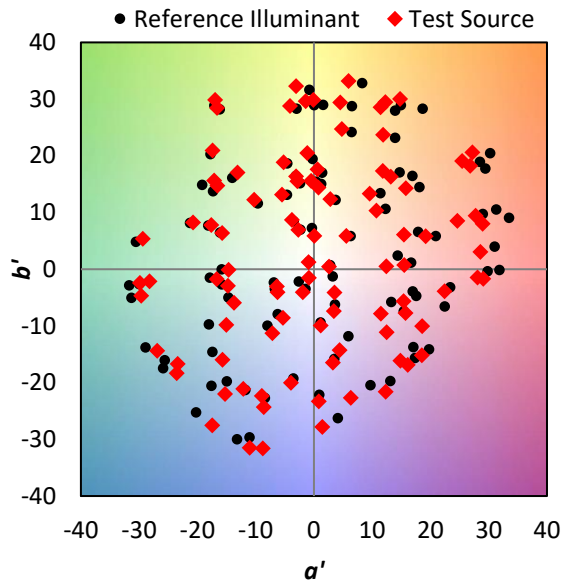
TM-30-18

Summary

$R_f = 86.6$
 $R_g = 95.9$
 $CIE R_a = 83.5$
 $R_9 = 6.3$

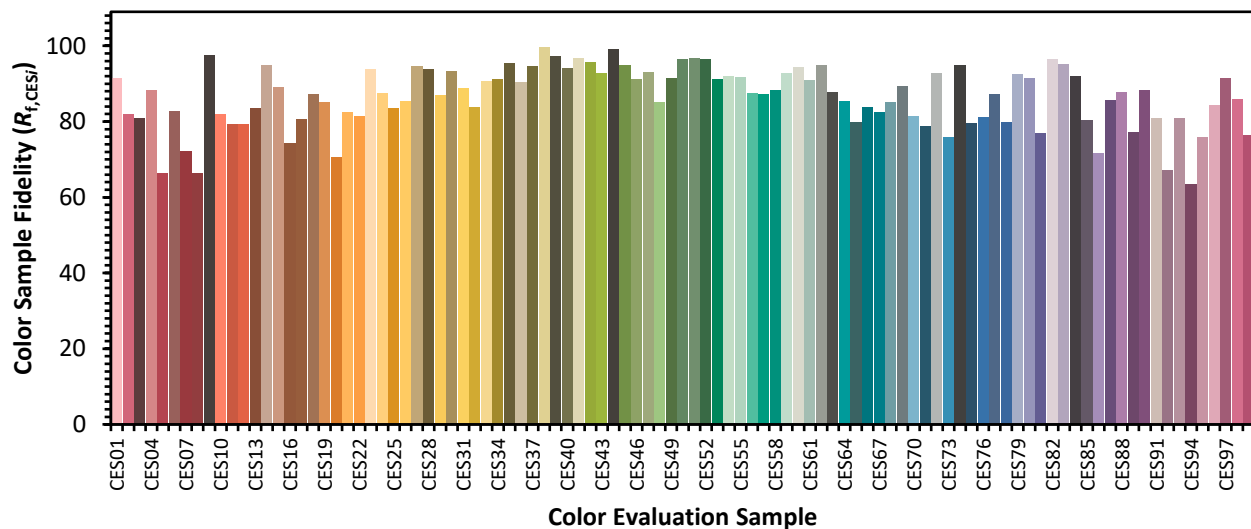


Color Vector Graphics

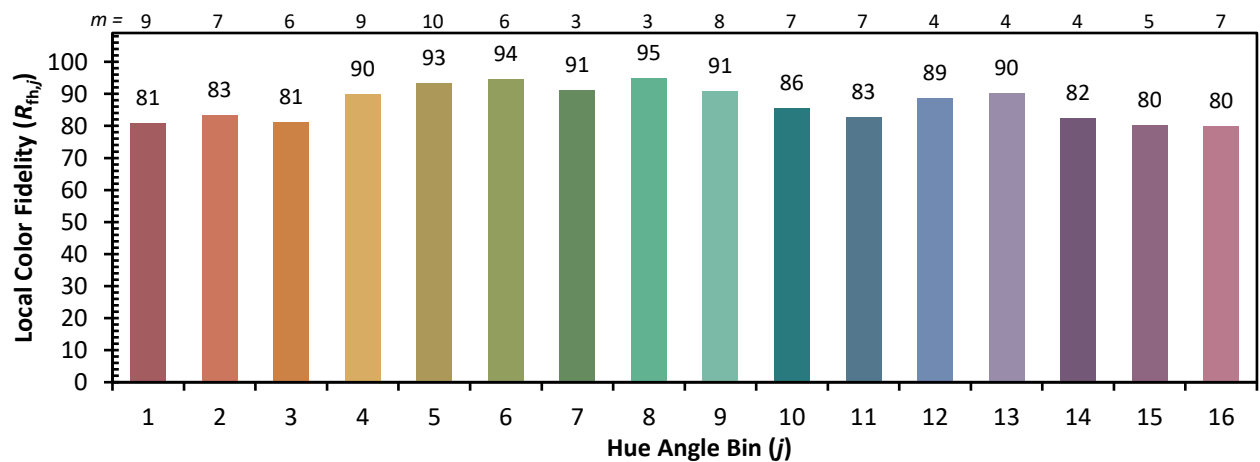
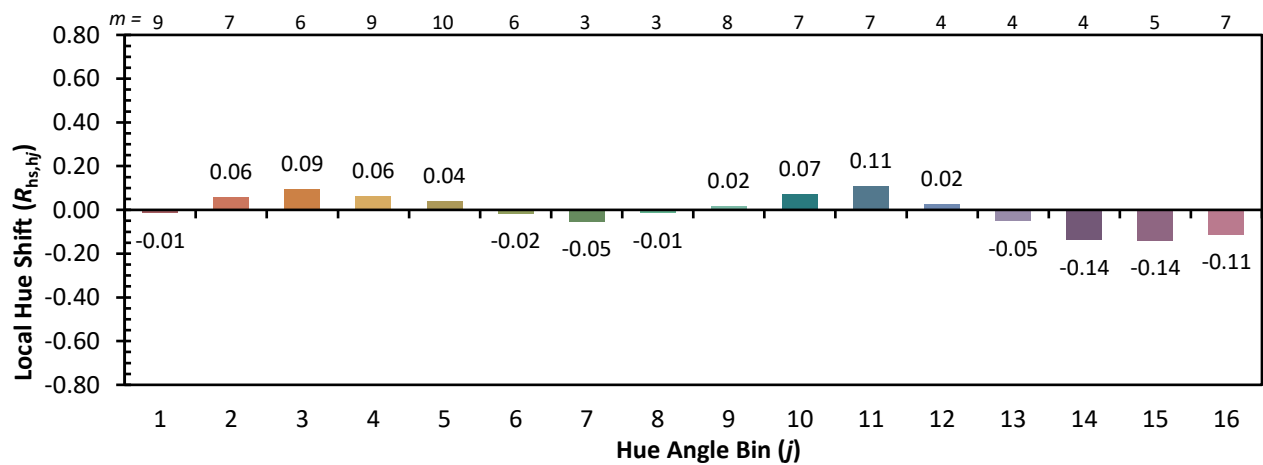
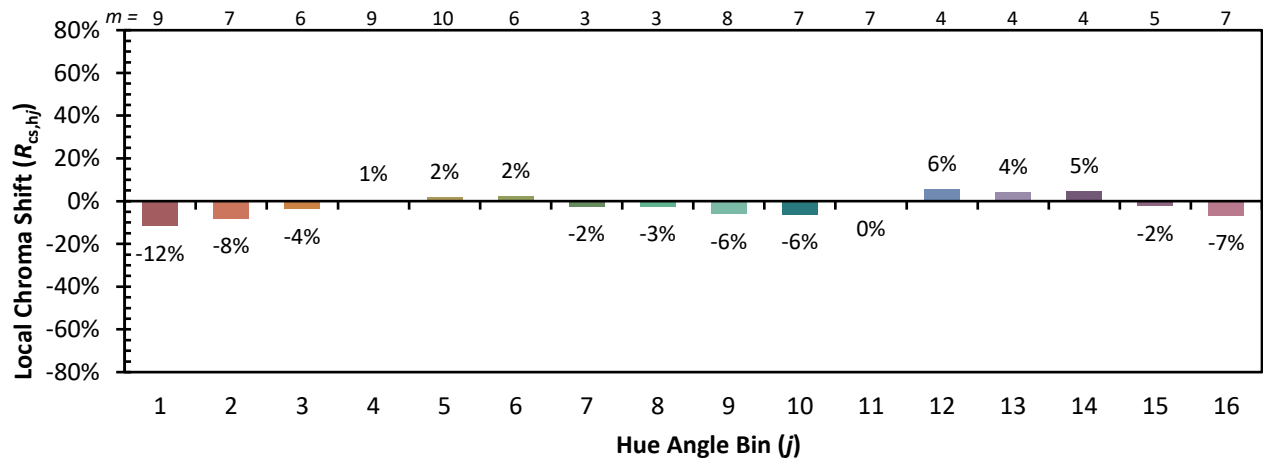


Individual Sample Fidelity Index ($R_{f,i}$)

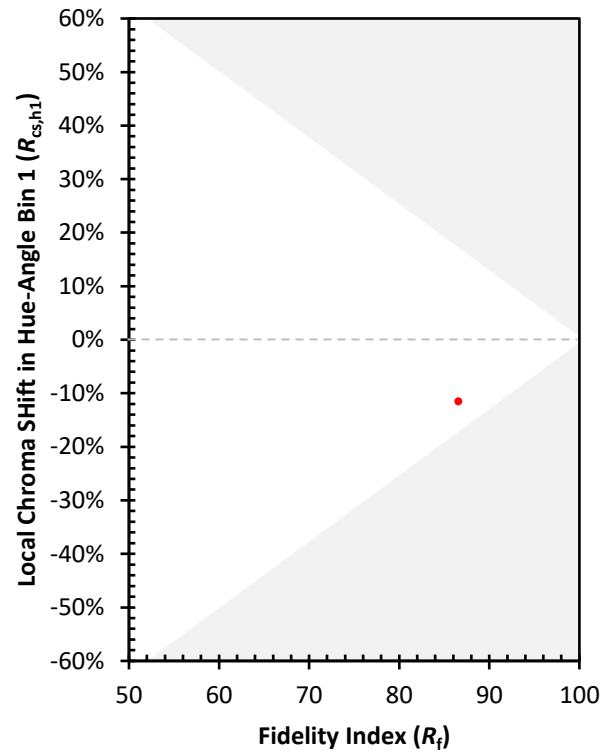
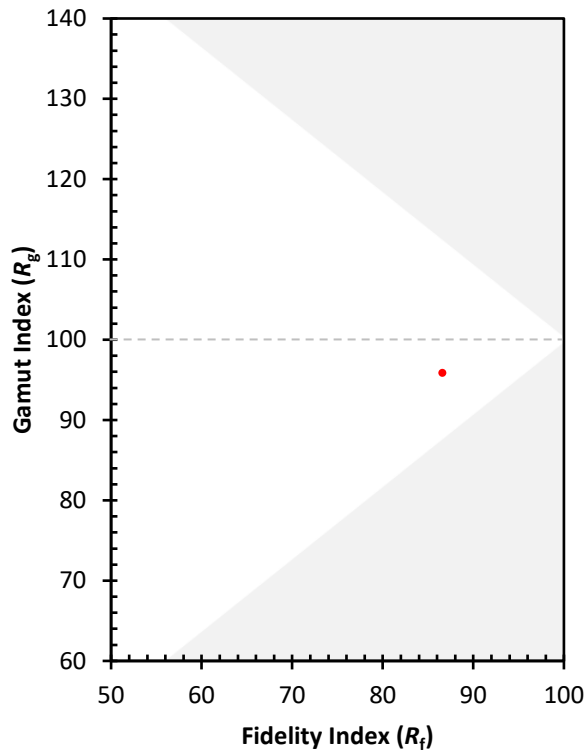
CES01 = 86	CES26 = 85	CES51 = 97	CES76 = 81
CES02 = 62	CES27 = 95	CES52 = 96	CES77 = 87
CES03 = 31	CES28 = 94	CES53 = 91	CES78 = 80
CES04 = 70	CES29 = 87	CES54 = 92	CES79 = 93
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 89	CES56 = 88	CES81 = 77
CES07 = 41	CES32 = 84	CES57 = 87	CES82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