

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: P1049022

Luminaire Tested: **GALN-SA8B-735-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049022
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-735-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
70CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 32068.6 lumens
Efficiency: N/A
Efficacy: 113.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

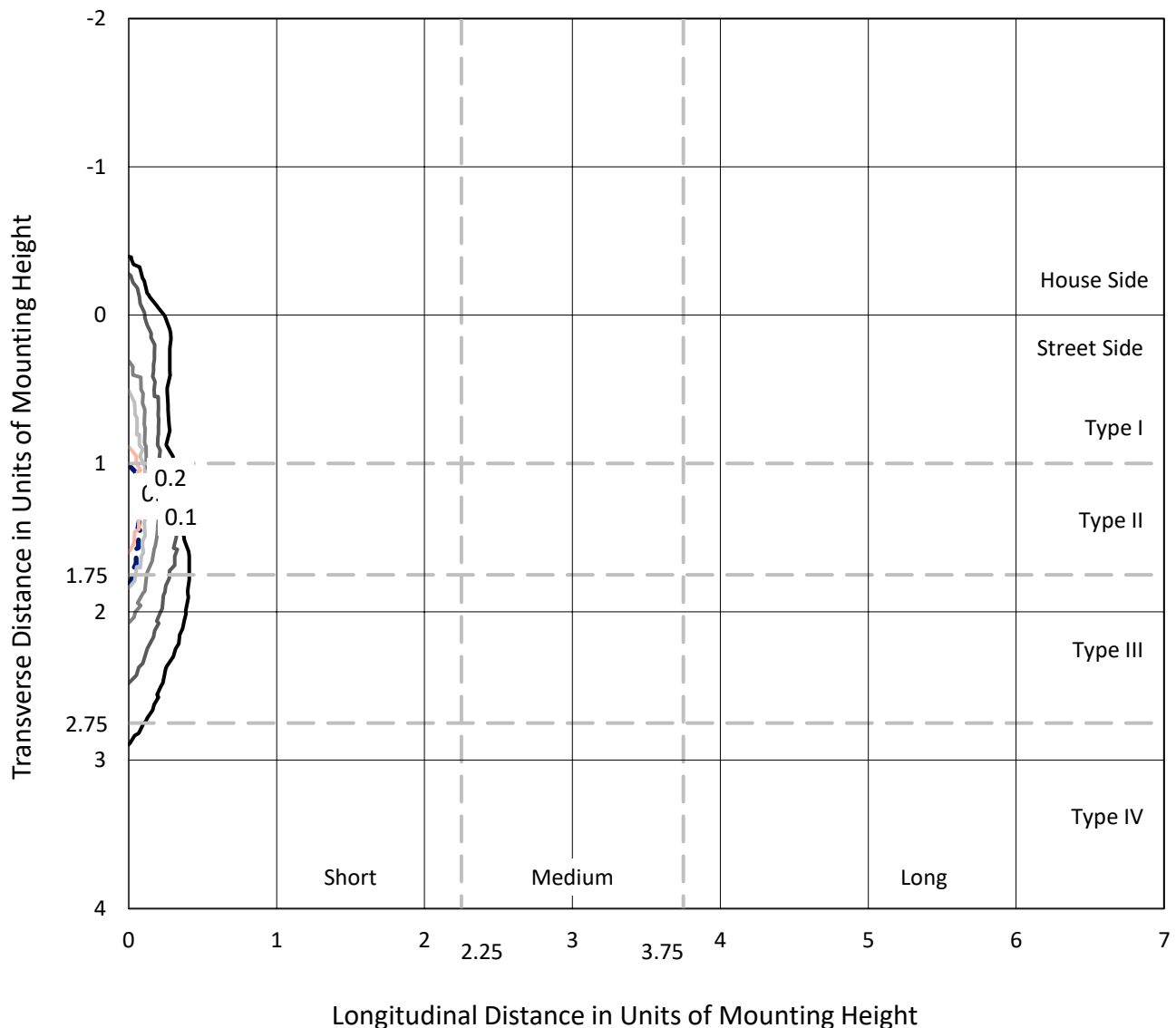
Input Watts (W): 282.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

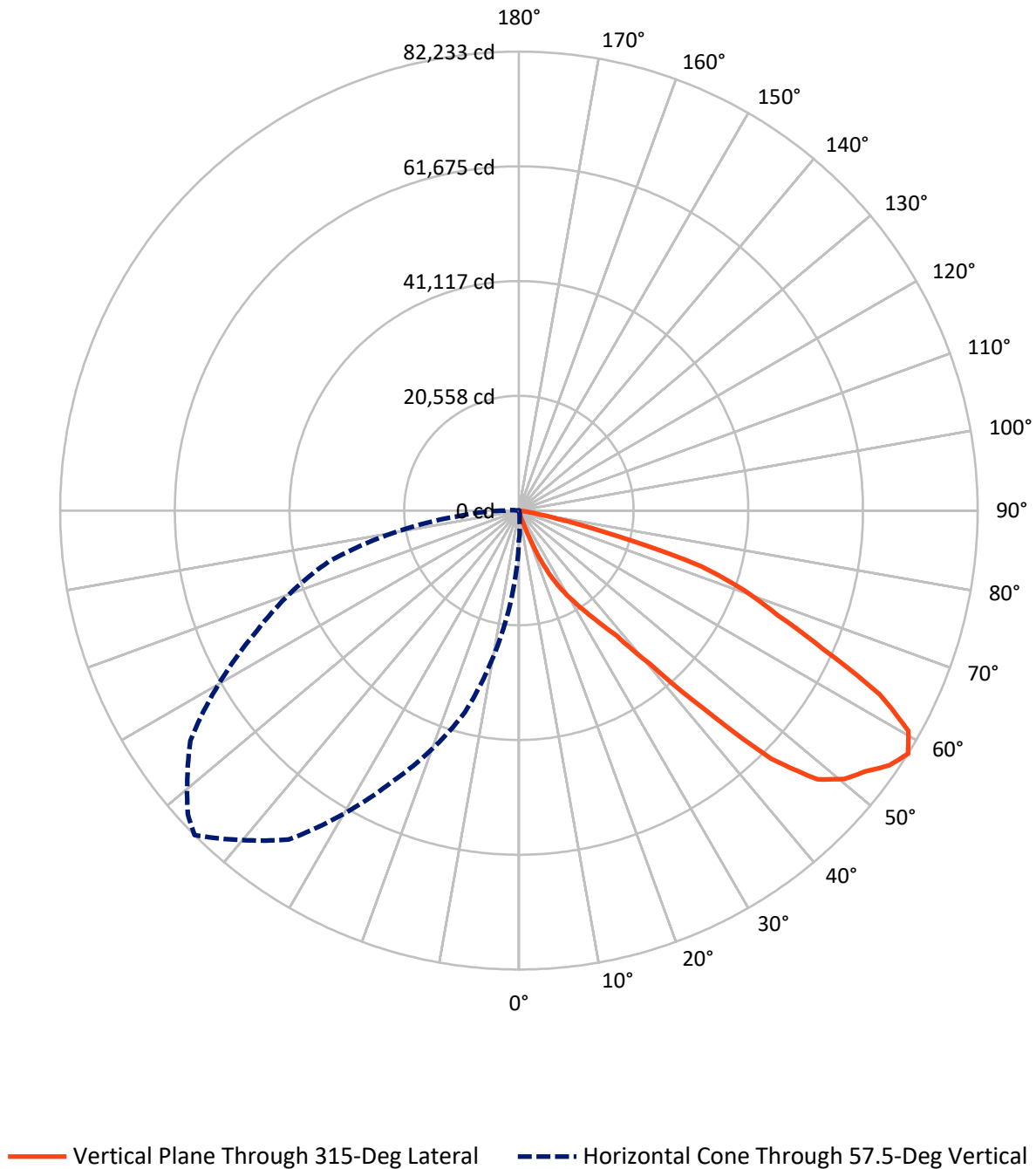
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.7 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	160.6	0.0	160.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	31908.0	0.0	31908.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	32068.6	0.0	32068.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.6	0.0
10°-20°	70.5	0.2
20°-30°	760.0	2.4
30°-40°	2247.4	7.0
40°-50°	6697.8	20.9
50°-60°	10620.3	33.1
60°-70°	8865.4	27.6
70°-80°	2733.8	8.5
80°-90°	60.8	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	32068.6	100.0
0°-180°	32068.6	100.0



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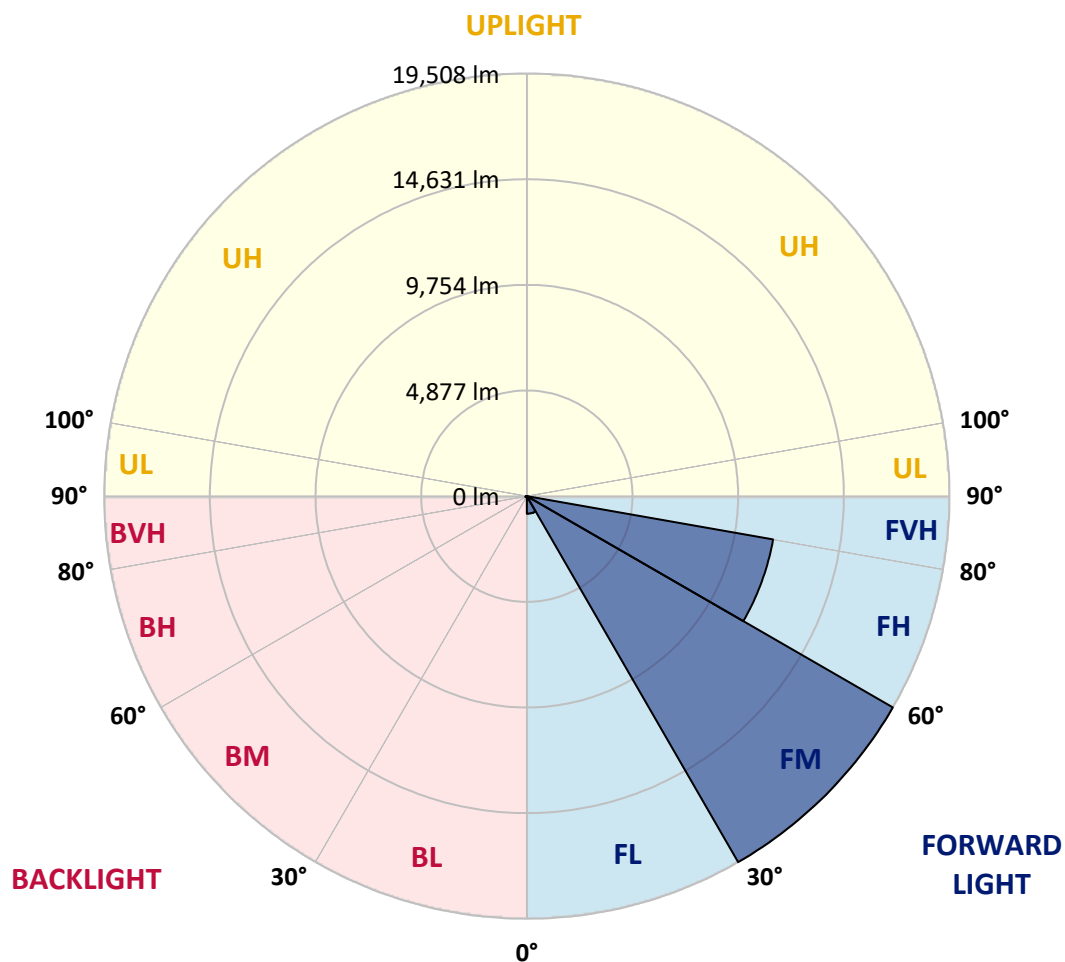
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	813.5	2.5			
FM	(30°-60°)	19508.2	60.8			
FH	(60°-80°)	11539.3	36.0			G4/12000
FVH	(80°-90°)	47.0	0.1			G1/100
BL	(0°-30°)	29.5	0.1	B0/110		
BM	(30°-60°)	57.4	0.2	B0/220		
BH	(60°-80°)	59.9	0.2	B0/110		G0/110
BVH	(80°-90°)	13.8	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°	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6
2.5°	128.4	128.4	128.4	128.4	126.0	126.0	123.6	123.6	121.2	121.2
5°	135.7	135.7	133.3	130.9	130.9	128.4	126.0	123.6	123.6	121.2
7.5°	147.8	145.4	143.0	140.6	135.7	133.3	128.4	126.0	123.6	118.7
10°	162.4	157.5	152.7	147.8	143.0	138.1	133.3	130.9	126.0	123.6
12.5°	181.8	174.5	164.8	157.5	152.7	145.4	140.6	135.7	128.4	123.6
15°	198.7	189.0	176.9	167.2	159.9	150.3	143.0	135.7	130.9	123.6
17.5°	223.0	206.0	186.6	174.5	164.8	152.7	140.6	133.3	126.0	116.3
20°	264.1	230.2	193.9	179.3	164.8	150.3	135.7	126.0	118.7	109.1
22.5°	329.6	271.4	213.3	191.4	172.1	150.3	130.9	121.2	111.5	101.8
25°	455.6	351.4	247.2	218.1	189.0	159.9	130.9	118.7	109.1	96.9
27.5°	605.8	450.8	293.2	252.0	213.3	172.1	130.9	116.3	104.2	89.7
30°	758.5	552.5	344.1	290.8	237.5	184.2	130.9	113.9	99.4	82.4
32.5°	903.9	647.0	387.7	324.7	261.7	196.3	133.3	113.9	94.5	75.1
35°	1051.8	724.6	395.0	329.6	264.1	196.3	130.9	109.1	89.7	67.9
37.5°	1240.8	811.8	380.5	315.0	252.0	186.6	123.6	104.2	84.8	63.0
40°	1526.7	957.2	387.7	319.9	252.0	184.2	116.3	96.9	80.0	60.6
42.5°	2055.0	1238.4	419.2	341.7	264.1	184.2	106.6	89.7	75.1	58.2
45°	3552.7	2057.5	562.2	445.9	329.6	213.3	96.9	82.4	70.3	55.7
47.5°	5876.7	3443.6	1010.6	780.3	552.5	322.3	94.5	82.4	70.3	55.7
50°	7500.4	4386.3	1272.3	979.1	685.8	392.6	99.4	84.8	72.7	58.2
52.5°	7488.3	4454.2	1417.7	1088.1	760.9	431.4	104.2	89.7	77.5	63.0
55°	6657.1	4051.9	1444.3	1109.9	777.9	443.5	111.5	96.9	82.4	67.9
57.5°	5564.1	3441.2	1318.3	1020.2	724.6	426.5	128.4	111.5	96.9	80.0
60°	4400.9	2714.2	1027.5	811.8	598.6	382.9	169.6	147.8	128.4	106.6
62.5°	3038.9	1967.8	896.7	719.7	545.3	368.4	193.9	172.1	152.7	130.9
65°	2149.5	1480.7	809.4	659.2	511.3	361.1	210.8	186.6	164.8	140.6
67.5°	1606.7	1177.8	746.4	618.0	489.5	361.1	232.6	203.6	176.9	147.8
70°	1231.1	966.9	700.4	596.2	494.4	390.2	286.0	244.8	206.0	164.8
72.5°	1003.3	826.4	647.0	571.9	496.8	421.7	346.5	293.2	239.9	184.2
75°	831.2	707.6	584.0	521.0	460.4	397.4	334.4	286.0	239.9	191.4
77.5°	552.5	504.1	453.2	416.8	380.5	341.7	305.3	264.1	225.4	184.2
80°	193.9	186.6	179.3	193.9	208.4	223.0	237.5	208.4	181.8	152.7
82.5°	29.1	26.7	24.2	26.7	29.1	31.5	33.9	36.4	38.8	41.2
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°	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6
0.0	2.5°	118.7	118.7	116.3	116.3	116.3	113.9	113.9	111.5	111.5	111.5
0.0	5°	116.3	116.3	113.9	111.5	109.1	109.1	106.6	104.2	104.2	101.8
0.0	7.5°	113.9	111.5	109.1	106.6	104.2	101.8	99.4	96.9	96.9	94.5
0.0	10°	116.3	111.5	109.1	104.2	101.8	99.4	94.5	92.1	89.7	89.7
0.0	12.5°	111.5	109.1	104.2	99.4	96.9	92.1	89.7	84.8	82.4	82.4
0.0	15°	111.5	106.6	99.4	94.5	89.7	87.2	82.4	77.5	75.1	72.7
0.0	17.5°	104.2	99.4	92.1	87.2	82.4	77.5	72.7	67.9	65.4	63.0
0.0	20°	94.5	89.7	82.4	75.1	70.3	65.4	60.6	55.7	53.3	50.9
0.0	22.5°	84.8	80.0	72.7	65.4	60.6	55.7	48.5	43.6	41.2	36.4
0.0	25°	80.0	72.7	65.4	58.2	50.9	46.0	38.8	31.5	26.7	21.8
0.0	27.5°	67.9	60.6	53.3	46.0	38.8	31.5	24.2	17.0	12.1	9.7
0.0	30°	58.2	50.9	43.6	36.4	26.7	19.4	12.1	2.4	2.4	2.4
0.0	32.5°	48.5	41.2	31.5	24.2	19.4	12.1	7.3	0.0	0.0	0.0
0.0	35°	38.8	31.5	21.8	14.5	12.1	7.3	4.8	0.0	0.0	0.0
0.0	37.5°	33.9	26.7	17.0	7.3	4.8	4.8	2.4	0.0	0.0	0.0
0.0	40°	31.5	21.8	12.1	2.4	2.4	2.4	0.0	0.0	0.0	0.0
0.0	42.5°	31.5	21.8	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	31.5	21.8	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	31.5	21.8	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	33.9	24.2	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	38.8	29.1	19.4	9.7	7.3	4.8	2.4	0.0	0.0	0.0
0.0	55°	48.5	43.6	36.4	31.5	24.2	17.0	7.3	0.0	0.0	0.0
0.0	57.5°	63.0	63.0	60.6	58.2	43.6	29.1	14.5	0.0	0.0	0.0
0.0	60°	84.8	84.8	84.8	84.8	63.0	43.6	21.8	0.0	0.0	0.0
0.0	62.5°	104.2	99.4	92.1	87.2	65.4	43.6	21.8	0.0	0.0	0.0
0.0	65°	104.2	94.5	82.4	70.3	53.3	36.4	17.0	0.0	0.0	0.0
0.0	67.5°	96.9	77.5	55.7	36.4	26.7	19.4	9.7	0.0	0.0	0.0
	70°	96.9	67.9	38.8	9.7	7.3	4.8	2.4	0.0	0.0	0.0
	72.5°	96.9	65.4	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	106.6	72.7	36.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	106.6	72.7	36.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	94.5	63.0	31.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	31.5	21.8	9.7	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°	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6
0.0	2.5°	109.1	109.1	109.1	106.6	106.6	106.6	106.6	104.2	104.2	104.2
0.0	5°	99.4	99.4	96.9	96.9	94.5	94.5	92.1	92.1	89.7	89.7
0.0	7.5°	92.1	89.7	89.7	87.2	84.8	84.8	82.4	82.4	80.0	77.5
0.0	10°	84.8	82.4	82.4	80.0	77.5	75.1	75.1	72.7	70.3	67.9
0.0	12.5°	77.5	75.1	72.7	70.3	67.9	65.4	65.4	63.0	60.6	58.2
0.0	15°	67.9	65.4	63.0	60.6	58.2	55.7	55.7	53.3	50.9	48.5
0.0	17.5°	58.2	55.7	55.7	53.3	50.9	48.5	46.0	41.2	38.8	36.4
0.0	20°	43.6	41.2	38.8	36.4	33.9	29.1	26.7	21.8	17.0	14.5
0.0	22.5°	29.1	24.2	21.8	17.0	12.1	9.7	7.3	2.4	0.0	0.0
0.0	25°	9.7	7.3	4.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049022

CATALOG NUMBER: GALN-SA8B-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049022

CATALOG NUMBER: GALN-SA8B-735-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6
0.0	2.5°	101.8	101.8	101.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0.0	5°	87.2	87.2	87.2	84.8	84.8	82.4	82.4	82.4	80.0	80.0
0.0	7.5°	75.1	72.7	72.7	70.3	70.3	67.9	67.9	67.9	65.4	65.4
0.0	10°	63.0	60.6	60.6	58.2	58.2	55.7	55.7	53.3	53.3	50.9
0.0	12.5°	55.7	53.3	50.9	48.5	48.5	46.0	43.6	43.6	41.2	38.8
0.0	15°	43.6	41.2	38.8	36.4	33.9	31.5	29.1	29.1	26.7	24.2
0.0	17.5°	29.1	24.2	21.8	19.4	19.4	17.0	14.5	12.1	9.7	7.3
0.0	20°	7.3	4.8	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049022

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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049022

CATALOG NUMBER: GALN-SA8B-735-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°	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6
0.0	2.5°	99.4	96.9	96.9	96.9	99.4	99.4	99.4	99.4	99.4	99.4
0.0	5°	80.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
0.0	7.5°	65.4	63.0	63.0	63.0	63.0	60.6	60.6	60.6	60.6	60.6
0.0	10°	50.9	48.5	48.5	48.5	48.5	46.0	46.0	46.0	46.0	46.0
0.0	12.5°	36.4	36.4	33.9	33.9	33.9	31.5	31.5	31.5	31.5	29.1
0.0	15°	21.8	19.4	17.0	17.0	17.0	14.5	14.5	14.5	14.5	12.1
0.0	17.5°	4.8	4.8	2.4	2.4	2.4	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P1049022

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6
0.0	2.5°	101.8	101.8	104.2	104.2	106.6	111.5	113.9	116.3	121.2	126.0
0.0	5°	80.0	82.4	82.4	84.8	87.2	89.7	92.1	94.5	99.4	104.2
0.0	7.5°	63.0	63.0	65.4	65.4	67.9	72.7	75.1	77.5	82.4	89.7
0.0	10°	48.5	48.5	50.9	50.9	53.3	58.2	60.6	63.0	67.9	75.1
0.0	12.5°	31.5	33.9	33.9	36.4	38.8	43.6	46.0	48.5	53.3	58.2
0.0	15°	14.5	17.0	17.0	19.4	21.8	26.7	29.1	31.5	36.4	43.6
0.0	17.5°	2.4	2.4	4.8	4.8	7.3	9.7	12.1	14.5	21.8	26.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	9.7
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P1049022

CATALOG NUMBER: GALN-SA8B-735-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°	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6
0.0	2.5°	133.3	138.1	143.0	147.8	152.7	157.5	159.9	164.8	167.2	169.6
0.0	5°	113.9	118.7	126.0	130.9	135.7	140.6	145.4	147.8	150.3	152.7
0.0	7.5°	99.4	104.2	111.5	116.3	121.2	126.0	130.9	135.7	138.1	140.6
0.0	10°	84.8	92.1	96.9	104.2	109.1	113.9	118.7	123.6	128.4	130.9
0.0	12.5°	67.9	75.1	82.4	87.2	94.5	101.8	106.6	111.5	116.3	121.2
0.0	15°	53.3	60.6	67.9	72.7	80.0	87.2	94.5	99.4	104.2	109.1
0.0	17.5°	38.8	46.0	53.3	58.2	65.4	72.7	77.5	84.8	89.7	94.5
0.0	20°	19.4	26.7	33.9	41.2	48.5	55.7	60.6	67.9	72.7	77.5
0.0	22.5°	2.4	9.7	17.0	21.8	29.1	36.4	41.2	48.5	53.3	58.2
0.0	25°	0.0	2.4	7.3	9.7	12.1	17.0	21.8	26.7	31.5	36.4
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.4	4.8	9.7	14.5	19.4
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8
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	2.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	4.8
	85°	0.0	0.0	0.0	0.0	0.0	4.8	7.3	12.1	14.5	17.0
	87.5°	0.0	2.4	4.8	7.3	9.7	14.5	19.4	24.2	26.7	29.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049022

CATALOG NUMBER: GALN-SA8B-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
140.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.3	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											
2.4											
9.7											
21.8											
31.5											
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REPORT NUMBER: P1049022

CATALOG NUMBER: GALN-SA8B-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6
0.0	2.5°	172.1	172.1	172.1	172.1	169.6	169.6	169.6	167.2	167.2	164.8
0.0	5°	157.5	159.9	159.9	159.9	159.9	159.9	159.9	159.9	157.5	157.5
0.0	7.5°	145.4	147.8	150.3	150.3	152.7	152.7	152.7	150.3	150.3	147.8
0.0	10°	138.1	140.6	140.6	143.0	143.0	143.0	143.0	143.0	143.0	143.0
0.0	12.5°	128.4	130.9	133.3	133.3	135.7	135.7	135.7	135.7	133.3	133.3
0.0	15°	116.3	121.2	123.6	126.0	126.0	128.4	128.4	128.4	128.4	128.4
0.0	17.5°	106.6	111.5	113.9	116.3	116.3	118.7	118.7	121.2	121.2	121.2
0.0	20°	87.2	92.1	94.5	99.4	101.8	104.2	106.6	109.1	109.1	111.5
0.0	22.5°	67.9	72.7	75.1	80.0	82.4	84.8	87.2	89.7	92.1	94.5
0.0	25°	48.5	53.3	55.7	60.6	63.0	65.4	67.9	70.3	70.3	72.7
0.0	27.5°	26.7	31.5	36.4	38.8	43.6	46.0	48.5	50.9	53.3	55.7
0.0	30°	12.1	14.5	17.0	21.8	24.2	26.7	29.1	33.9	36.4	38.8
0.0	32.5°	0.0	0.0	2.4	7.3	9.7	12.1	14.5	17.0	17.0	19.4
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.8	7.3	9.7
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°	4.8	4.8	4.8	7.3	7.3	7.3	7.3	7.3	7.3	7.3
	82.5°	12.1	14.5	17.0	17.0	19.4	19.4	19.4	19.4	17.0	17.0
	85°	24.2	26.7	29.1	29.1	31.5	31.5	31.5	31.5	31.5	31.5
	87.5°	33.9	36.4	38.8	38.8	41.2	41.2	41.2	41.2	41.2	41.2
	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: P1049022

CATALOG NUMBER: GALN-SA8B-735-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
140.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
7.3											
17.0											
31.5											
41.2											
0.0											
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REPORT NUMBER: P1049022

CATALOG NUMBER: GALN-SA8B-735-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°	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6
0.0	2.5°	162.4	162.4	159.9	159.9	159.9	159.9	159.9	162.4	164.8	164.8
0.0	5°	155.1	155.1	152.7	152.7	152.7	155.1	155.1	157.5	159.9	162.4
0.0	7.5°	147.8	145.4	145.4	147.8	147.8	150.3	150.3	152.7	155.1	157.5
0.0	10°	143.0	140.6	140.6	140.6	143.0	143.0	145.4	147.8	150.3	152.7
0.0	12.5°	133.3	133.3	133.3	133.3	135.7	135.7	138.1	140.6	145.4	147.8
0.0	15°	128.4	126.0	126.0	126.0	126.0	128.4	128.4	133.3	138.1	140.6
0.0	17.5°	118.7	118.7	116.3	116.3	118.7	118.7	121.2	126.0	130.9	133.3
0.0	20°	109.1	106.6	104.2	104.2	106.6	106.6	109.1	113.9	118.7	121.2
0.0	22.5°	94.5	92.1	92.1	92.1	92.1	94.5	94.5	99.4	106.6	111.5
0.0	25°	75.1	77.5	77.5	80.0	80.0	82.4	84.8	89.7	96.9	101.8
0.0	27.5°	58.2	60.6	60.6	65.4	67.9	70.3	72.7	80.0	87.2	92.1
0.0	30°	43.6	46.0	48.5	50.9	55.7	60.6	65.4	72.7	80.0	84.8
0.0	32.5°	26.7	31.5	33.9	38.8	43.6	48.5	53.3	60.6	70.3	77.5
0.0	35°	19.4	21.8	26.7	29.1	33.9	38.8	43.6	53.3	60.6	70.3
0.0	37.5°	9.7	14.5	19.4	24.2	29.1	33.9	38.8	48.5	58.2	65.4
0.0	40°	7.3	12.1	14.5	19.4	26.7	31.5	36.4	46.0	55.7	65.4
0.0	42.5°	4.8	7.3	9.7	17.0	21.8	29.1	36.4	46.0	55.7	65.4
0.0	45°	4.8	4.8	7.3	14.5	21.8	31.5	38.8	48.5	55.7	65.4
0.0	47.5°	4.8	7.3	9.7	19.4	24.2	31.5	38.8	46.0	55.7	63.0
0.0	50°	7.3	9.7	12.1	21.8	26.7	33.9	38.8	48.5	55.7	65.4
0.0	52.5°	4.8	7.3	9.7	19.4	26.7	36.4	43.6	53.3	63.0	70.3
0.0	55°	2.4	2.4	2.4	14.5	29.1	41.2	55.7	63.0	72.7	80.0
0.0	57.5°	0.0	0.0	0.0	9.7	29.1	46.0	63.0	72.7	82.4	89.7
0.0	60°	0.0	0.0	0.0	9.7	29.1	46.0	63.0	75.1	87.2	99.4
0.0	62.5°	0.0	0.0	0.0	9.7	24.2	38.8	53.3	72.7	94.5	113.9
0.0	65°	0.0	0.0	0.0	7.3	19.4	31.5	43.6	72.7	101.8	128.4
0.0	67.5°	0.0	0.0	0.0	7.3	19.4	29.1	41.2	72.7	101.8	133.3
	70°	0.0	0.0	0.0	7.3	19.4	31.5	43.6	72.7	101.8	130.9
	72.5°	0.0	0.0	0.0	7.3	21.8	33.9	48.5	72.7	96.9	121.2
	75°	0.0	0.0	0.0	9.7	21.8	36.4	50.9	72.7	94.5	113.9
	77.5°	0.0	0.0	0.0	7.3	21.8	33.9	48.5	70.3	92.1	111.5
	80°	7.3	4.8	4.8	12.1	21.8	31.5	41.2	63.0	87.2	109.1
	82.5°	14.5	14.5	12.1	17.0	21.8	29.1	36.4	55.7	77.5	96.9
	85°	29.1	29.1	26.7	29.1	29.1	31.5	33.9	43.6	53.3	63.0
	87.5°	38.8	38.8	36.4	36.4	36.4	33.9	33.9	33.9	33.9	31.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
140.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.9											
145.4											
135.7											
133.3											
130.9											
116.3											
72.7											
31.5											
0.0											
0.0											
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REPORT NUMBER: P1049022

CATALOG NUMBER: GALN-SA8B-735-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6
0.0	2.5°	169.6	172.1	172.1	174.5	176.9	179.3	179.3	181.8	181.8	181.8
0.0	5°	167.2	172.1	174.5	176.9	179.3	181.8	184.2	186.6	189.0	189.0
0.0	7.5°	164.8	167.2	172.1	174.5	179.3	181.8	186.6	189.0	191.4	193.9
0.0	10°	159.9	164.8	169.6	174.5	179.3	184.2	189.0	193.9	198.7	201.1
0.0	12.5°	155.1	162.4	167.2	172.1	179.3	186.6	191.4	198.7	203.6	208.4
0.0	15°	152.7	157.5	164.8	169.6	179.3	189.0	196.3	206.0	215.7	223.0
0.0	17.5°	145.4	155.1	162.4	169.6	179.3	191.4	201.1	210.8	225.4	239.9
0.0	20°	135.7	143.0	152.7	159.9	174.5	186.6	201.1	213.3	235.1	256.9
0.0	22.5°	126.0	135.7	143.0	152.7	169.6	184.2	201.1	215.7	252.0	286.0
0.0	25°	116.3	128.4	138.1	147.8	167.2	186.6	206.0	225.4	286.0	346.5
0.0	27.5°	111.5	121.2	133.3	143.0	167.2	193.9	218.1	242.3	339.3	433.8
0.0	30°	104.2	116.3	126.0	138.1	169.6	201.1	232.6	264.1	412.0	559.8
0.0	32.5°	96.9	109.1	121.2	133.3	174.5	215.7	254.5	295.7	489.5	681.0
0.0	35°	89.7	104.2	116.3	128.4	181.8	237.5	290.8	344.1	559.8	773.1
0.0	37.5°	87.2	101.8	113.9	126.0	184.2	239.9	298.1	353.8	567.1	780.3
0.0	40°	89.7	101.8	116.3	128.4	176.9	225.4	271.4	319.9	542.8	763.4
0.0	42.5°	89.7	104.2	118.7	133.3	172.1	210.8	249.6	288.4	535.6	782.8
0.0	45°	87.2	101.8	116.3	130.9	167.2	201.1	237.5	271.4	579.2	884.5
0.0	47.5°	84.8	99.4	113.9	128.4	164.8	201.1	237.5	273.8	748.8	1221.4
0.0	50°	84.8	99.4	111.5	123.6	167.2	213.3	256.9	300.5	1090.5	1878.1
0.0	52.5°	89.7	101.8	111.5	121.2	172.1	225.4	276.3	327.2	1386.2	2442.8
0.0	55°	96.9	104.2	113.9	121.2	184.2	244.8	307.8	368.4	1475.8	2583.3
0.0	57.5°	106.6	113.9	121.2	128.4	206.0	283.5	358.7	436.2	1483.1	2527.6
0.0	60°	118.7	128.4	135.7	143.0	225.4	310.2	392.6	475.0	1342.6	2207.7
0.0	62.5°	145.4	157.5	167.2	179.3	259.3	336.9	416.8	494.4	1114.8	1735.1
0.0	65°	167.2	176.9	186.6	196.3	273.8	353.8	431.4	508.9	945.1	1381.3
0.0	67.5°	172.1	181.8	189.0	198.7	278.7	358.7	436.2	516.2	809.4	1100.2
	70°	174.5	186.6	201.1	213.3	295.7	378.0	458.0	540.4	717.3	894.2
	72.5°	167.2	191.4	213.3	235.1	312.6	387.7	465.3	540.4	666.4	792.4
	75°	167.2	201.1	232.6	264.1	322.3	378.0	436.2	491.9	588.9	685.8
	77.5°	176.9	220.5	264.1	307.8	341.7	373.2	407.1	438.6	501.6	564.7
	80°	176.9	223.0	266.6	312.6	327.2	344.1	358.7	373.2	380.5	387.7
	82.5°	152.7	189.0	225.4	261.7	244.8	227.8	210.8	193.9	181.8	167.2
	85°	77.5	84.8	89.7	94.5	87.2	80.0	72.7	65.4	60.6	53.3
	87.5°	31.5	31.5	29.1	29.1	29.1	29.1	26.7	26.7	26.7	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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CATALOG NUMBER: GALN-SA8B-735-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
140.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
181.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
189.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
196.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
215.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
235.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
259.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
298.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
516.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
717.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
971.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1214.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1378.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1502.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1626.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1868.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2353.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3586.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5493.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6916.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7073.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6383.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5457.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4265.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3223.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2379.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1684.3											
1252.9											
911.2											
685.8											
385.3											
174.5											
50.9											
24.2											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1049022

CATALOG NUMBER: GALN-SA8B-735-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°	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6
0.0	2.5°	181.8	179.3	179.3	176.9	174.5	172.1	169.6	167.2	164.8	162.4
0.0	5°	189.0	189.0	189.0	186.6	186.6	184.2	184.2	181.8	179.3	176.9
0.0	7.5°	196.3	198.7	198.7	201.1	201.1	201.1	201.1	198.7	198.7	198.7
0.0	10°	208.4	210.8	213.3	215.7	218.1	220.5	220.5	223.0	223.0	223.0
0.0	12.5°	223.0	230.2	235.1	242.3	247.2	254.5	259.3	266.6	271.4	276.3
0.0	15°	244.8	256.9	271.4	283.5	295.7	312.6	332.0	349.0	365.9	392.6
0.0	17.5°	276.3	315.0	353.8	390.2	428.9	513.8	598.6	681.0	765.8	889.4
0.0	20°	336.9	453.2	567.1	683.4	797.3	1095.4	1391.0	1689.1	1984.8	2302.2
0.0	22.5°	472.6	758.5	1044.5	1330.4	1616.4	2239.2	2859.6	3482.4	4102.8	4832.2
0.0	25°	685.8	1211.7	1737.6	2261.0	2786.9	3761.1	4737.7	5711.9	6686.1	7633.7
0.0	27.5°	998.4	1803.0	2607.6	3409.7	4214.3	5535.0	6858.2	8179.0	9499.7	10570.8
0.0	30°	1383.8	2474.3	3564.8	4655.3	5745.9	7248.4	8750.9	10251.0	11753.5	12924.0
0.0	32.5°	1747.3	3082.6	4417.8	5750.7	7086.0	8796.9	10510.3	12221.2	13932.1	15211.6
0.0	35°	1984.8	3598.7	5215.1	6829.1	8443.1	10294.6	12146.0	13995.1	15846.6	17307.9
0.0	37.5°	2222.3	4085.8	5947.0	7810.6	9671.8	11705.0	13738.2	15771.4	17804.7	19610.1
0.0	40°	2488.8	4674.7	6858.2	9044.1	11227.6	13636.4	16042.9	18451.7	20858.1	23405.1
0.0	42.5°	2951.7	5651.4	8353.4	11053.1	13752.8	16939.5	20126.3	23310.6	26497.4	30132.5
0.0	45°	3821.7	7626.4	11433.6	15238.3	19043.0	23264.6	27488.5	31710.1	35931.6	40768.7
0.0	47.5°	5951.9	11186.4	16418.5	21653.0	26885.1	31443.5	35999.5	40557.9	45113.9	49931.6
0.0	50°	9107.1	15199.5	21291.9	27381.9	33474.3	37598.9	41721.1	45845.7	49967.9	54550.6
0.0	52.5°	11389.9	17736.8	24086.1	30433.0	36779.8	40502.2	44226.9	47949.2	51671.6	55953.7
0.0	55°	11562.0	17872.5	24185.5	30496.0	36806.5	40545.8	44285.1	48024.4	51763.7	56302.7
0.0	57.5°	10236.4	16496.0	22753.2	29012.9	35270.1	39528.0	43783.4	48041.3	52296.8	57204.2
0.0	60°	8707.3	14969.3	21228.9	27491.0	33750.6	38655.5	43562.9	48467.9	53372.8	57970.0
0.0	62.5°	6792.8	13234.1	19677.9	26119.3	32560.7	37540.8	42520.8	47498.5	52478.6	55927.1
0.0	65°	5062.5	11317.2	17572.0	23824.4	30079.2	34068.1	38057.0	42043.4	46032.3	48167.4
0.0	67.5°	3659.3	9053.8	14445.8	19840.3	25232.4	28087.1	30941.9	33794.2	36649.0	38282.3
	70°	2474.3	6211.2	9945.6	13682.5	17416.9	19762.8	22111.0	24456.9	26802.7	29008.0
	72.5°	1713.3	3812.0	5913.1	8011.7	10110.4	12470.8	14828.7	17189.1	19547.1	21880.8
	75°	1136.6	2091.4	3048.6	4003.4	4958.3	6705.5	8455.2	10202.5	11949.7	13340.8
	77.5°	807.0	1093.0	1381.3	1667.3	1953.3	2280.4	2610.0	2937.2	3264.3	3761.1
	80°	382.9	419.2	455.6	489.5	525.9	644.6	763.4	882.1	1000.9	1126.9
	82.5°	181.8	196.3	210.8	223.0	237.5	249.6	261.7	273.8	286.0	273.8
	85°	48.5	48.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	48.5
	87.5°	21.8	21.8	21.8	21.8	21.8	21.8	21.8	19.4	19.4	17.0
	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°
140.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
196.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
225.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
278.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
421.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1010.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2622.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5561.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8581.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11642.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14096.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16493.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18769.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21417.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25952.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33767.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45605.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54749.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59133.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60235.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60844.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62111.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62564.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59378.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50304.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39918.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31210.9											
24214.5											
14731.8											
4257.9											
1252.9											
259.3											
46.0											
17.0											
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°	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6
0.0	2.5°	157.5	155.1	152.7	150.3	147.8	143.0	143.0	140.6	140.6
0.0	5°	172.1	169.6	167.2	164.8	164.8	162.4	159.9	159.9	157.5
0.0	7.5°	196.3	193.9	191.4	189.0	189.0	186.6	186.6	184.2	184.2
0.0	10°	225.4	225.4	225.4	225.4	225.4	223.0	223.0	223.0	220.5
0.0	12.5°	283.5	286.0	290.8	295.7	302.9	302.9	302.9	300.5	300.5
0.0	15°	448.3	475.0	494.4	513.8	530.7	569.5	564.7	557.4	552.5
0.0	17.5°	1134.1	1255.3	1320.7	1383.8	1449.2	1628.5	1599.4	1570.4	1543.7
0.0	20°	2939.6	3257.0	3467.9	3678.7	3892.0	4228.8	4146.4	4064.0	3981.6
0.0	22.5°	6288.7	7018.1	7335.6	7653.1	7968.1	8375.2	8111.1	7846.9	7585.2
0.0	25°	9526.4	10473.9	11009.5	11545.0	12078.2	12310.8	11966.7	11620.2	11276.0
0.0	27.5°	12713.1	13784.3	14256.8	14727.0	15199.5	15686.6	15260.1	14831.2	14404.6
0.0	30°	15267.4	16437.9	16949.2	17458.1	17969.5	18308.7	17867.7	17424.2	16983.1
0.0	32.5°	17773.2	19052.7	19612.5	20172.3	20729.7	21216.8	20674.0	20128.7	19585.9
0.0	35°	20228.1	21689.4	22460.0	23230.6	24001.3	24454.5	23809.8	23162.8	22518.2
0.0	37.5°	23223.4	25028.8	25891.5	26754.3	27617.0	28443.4	27733.3	27020.8	26310.8
0.0	40°	28499.1	31046.1	32369.3	33694.9	35018.0	36084.3	35187.7	34291.0	33394.4
0.0	42.5°	37402.6	41037.7	42940.1	44840.0	46742.4	48407.3	47464.6	46521.9	45579.2
0.0	45°	50442.9	55280.0	57599.2	59916.0	62235.2	63451.7	62094.6	60735.1	59378.0
0.0	47.5°	59564.6	64382.3	66447.0	68511.7	70576.5	71965.1	70305.0	68645.0	66987.4
0.0	50°	63713.4	68296.1	70368.1	72437.6	74509.6	75612.3	73695.4	71776.0	69859.1
0.0	52.5°	64515.6	68797.7	71269.6	73743.8	76215.7	77689.1	75425.7	73159.8	70896.4
0.0	55°	65383.1	69922.2	72789.0	75658.3	78525.2	80565.7	78006.6	75445.1	72886.0
0.0	57.5°	67016.5	71923.9	74783.5	77640.7	80500.3	82233.0	79666.6	77097.8	74531.4
0.0	60°	67161.9	71756.7	74214.0	76673.7	79131.0	80221.6	77766.7	75309.4	72854.5
0.0	62.5°	62826.5	66274.9	67981.0	69687.1	71393.2	72578.2	70016.7	67452.7	64891.2
0.0	65°	52439.8	54574.8	55934.3	57293.9	58653.4	60066.2	57720.4	55374.5	53028.7
0.0	67.5°	41551.5	43184.9	44975.7	46766.6	48557.5	50067.3	48189.2	46308.6	44430.5
	70°	33416.2	35619.0	37632.9	39646.7	41660.5	42896.5	41011.1	39123.3	37237.9
	72.5°	26548.3	28882.0	30563.8	32243.2	33925.1	34228.0	32841.8	31455.6	30071.9
	75°	16120.4	17511.4	17545.4	17576.9	17610.8	17899.2	16750.5	15601.8	14455.5
	77.5°	4754.7	5251.5	5661.0	6068.2	6477.7	6972.1	6550.4	6126.3	5704.7
	80°	1376.5	1502.5	1609.1	1713.3	1820.0	1757.0	1657.6	1558.2	1458.9
	82.5°	247.2	232.6	230.2	227.8	227.8	215.7	196.3	176.9	157.5
	85°	43.6	41.2	38.8	36.4	33.9	31.5	26.7	24.2	19.4
	87.5°	14.5	12.1	9.7	7.3	7.3	2.4	2.4	2.4	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049022

CATALOG NUMBER: GALN-SA8B-735-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°	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6	140.6
0.0	0.0	2.5°	138.1	135.7	135.7	135.7	135.7	133.3	133.3	133.3	133.3
0.0	0.0	5°	152.7	152.7	150.3	150.3	147.8	147.8	145.4	145.4	143.0
0.0	0.0	7.5°	179.3	176.9	174.5	172.1	169.6	164.8	162.4	159.9	159.9
0.0	0.0	10°	215.7	210.8	208.4	203.6	201.1	196.3	191.4	186.6	181.8
0.0	0.0	12.5°	283.5	273.8	266.6	256.9	247.2	239.9	230.2	223.0	213.3
0.0	0.0	15°	491.9	467.7	441.1	409.6	375.6	344.1	310.2	290.8	269.0
0.0	0.0	17.5°	1257.7	1131.7	1003.3	899.1	794.9	693.1	588.9	513.8	438.6
0.0	0.0	20°	3201.3	2852.3	2503.4	2159.2	1812.7	1468.6	1122.0	947.5	773.1
0.0	0.0	22.5°	6024.6	5377.5	4728.0	4100.4	3470.3	2842.6	2215.0	1820.0	1427.4
0.0	0.0	25°	9298.6	8484.3	7670.0	6637.7	5602.9	4570.5	3538.2	2896.0	2253.8
0.0	0.0	27.5°	12100.0	11162.1	10224.3	8969.0	7713.7	6458.3	5203.0	4245.8	3291.0
0.0	0.0	30°	14525.8	13517.7	12509.6	11048.2	9586.9	8125.6	6664.3	5467.2	4270.0
0.0	0.0	32.5°	16629.3	15422.5	14215.6	12708.3	11200.9	9693.6	8186.2	6717.6	5249.1
0.0	0.0	35°	19055.1	17647.1	16236.7	14564.6	12890.0	11217.9	9545.7	7888.1	6228.1
0.0	0.0	37.5°	22137.7	20409.8	18679.5	16815.9	14952.3	13091.2	11227.6	9332.5	7437.4
0.0	0.0	40°	28038.7	25809.1	23579.6	21212.0	18841.9	16474.2	14106.6	11780.1	9453.7
0.0	0.0	42.5°	38611.9	35599.6	32587.4	29437.0	26284.1	23133.7	19980.9	16699.6	13415.9
0.0	0.0	45°	50544.7	46807.8	43068.5	39532.8	35994.7	32458.9	28923.2	24420.5	19917.9
0.0	0.0	47.5°	57255.1	53220.1	49185.2	45838.5	42491.8	39145.1	35798.4	30944.3	26090.2
0.0	0.0	50°	59724.5	55616.9	51509.2	48429.1	45346.5	42266.4	39183.8	34322.5	29458.8
0.0	0.0	52.5°	60250.4	56060.3	51870.3	48770.8	45671.3	42574.2	39474.6	34644.8	29815.0
0.0	0.0	55°	61331.2	56835.8	52338.0	48804.7	45271.4	41738.1	38204.8	33297.4	28390.0
0.0	0.0	57.5°	62744.1	58134.8	53525.5	49500.2	45475.0	41452.1	37426.9	32061.5	26696.1
0.0	0.0	60°	62373.3	58362.6	54349.4	50038.2	45724.6	41413.4	37099.7	31198.8	25295.4
0.0	0.0	62.5°	55936.8	52742.7	49546.3	46000.8	42453.0	38907.6	35362.1	29286.7	23211.3
0.0	0.0	65°	46017.8	43686.5	41355.2	38502.9	35648.1	32795.8	29943.4	24495.7	19050.3
0.0	0.0	67.5°	37296.0	34669.1	32039.7	29766.5	27491.0	25217.8	22942.3	18655.3	14368.3
		70°	29630.8	26773.6	23914.0	21694.2	19472.0	17252.1	15032.3	12182.4	9334.9
		72.5°	23531.1	20955.1	18379.0	16011.4	13641.3	11273.6	8903.5	7219.3	5535.0
		75°	11247.0	10217.0	9187.1	7948.7	6710.4	5472.0	4233.7	3499.4	2767.5
		77.5°	4168.2	3613.3	3055.9	2551.8	2047.8	1546.1	1042.1	954.8	867.6
		80°	1078.4	940.3	799.7	700.4	598.6	499.2	399.9	361.1	324.7
		82.5°	123.6	113.9	106.6	101.8	94.5	89.7	82.4	75.1	67.9
		85°	7.3	4.8	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-SA8B-735-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049022

CATALOG NUMBER: GALN-SA8B-735-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	140.6	140.6
0.0	0.0	2.5°	130.9	128.4
0.0	0.0	5°	138.1	135.7
0.0	0.0	7.5°	152.7	147.8
0.0	0.0	10°	167.2	162.4
0.0	0.0	12.5°	189.0	181.8
0.0	0.0	15°	213.3	198.7
0.0	0.0	17.5°	254.5	223.0
0.0	0.0	20°	344.1	264.1
0.0	0.0	22.5°	484.7	329.6
0.0	0.0	25°	712.5	455.6
0.0	0.0	27.5°	991.2	605.8
0.0	0.0	30°	1318.3	758.5
0.0	0.0	32.5°	1606.7	903.9
0.0	0.0	35°	1982.3	1051.8
0.0	0.0	37.5°	2445.2	1240.8
0.0	0.0	40°	3162.5	1526.7
0.0	0.0	42.5°	4454.2	2055.0
0.0	0.0	45°	7233.8	3552.7
0.0	0.0	47.5°	11130.6	5876.7
0.0	0.0	50°	13617.0	7500.4
0.0	0.0	52.5°	13820.6	7488.3
0.0	0.0	55°	12616.2	6657.1
0.0	0.0	57.5°	10764.7	5564.1
0.0	0.0	60°	8947.2	4400.9
0.0	0.0	62.5°	7049.6	3038.9
0.0	0.0	65°	5152.1	2149.5
0.0	0.0	67.5°	3700.5	1606.7
		70°	2433.1	1231.1
		72.5°	1584.9	1003.3
		75°	1066.3	831.2
		77.5°	622.8	552.5
		80°	220.5	193.9
		82.5°	41.2	29.1
		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: P1049022

CATALOG NUMBER: GALN-SA8B-735-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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

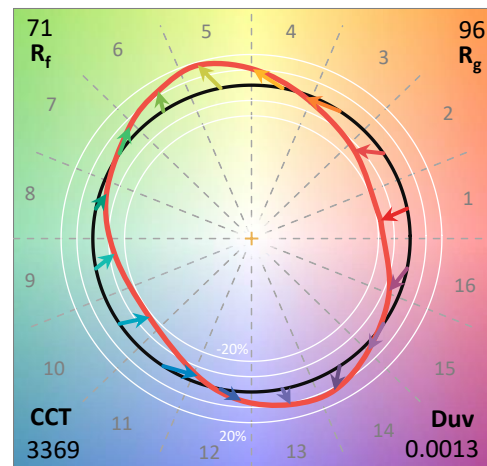
Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K):	3369	CRI (Ra):	70.1		
CIE u':	0.2386	R1:	66.6	R9:	-40.2
CIE v':	0.5156	R2:	77.6	R10:	49.1
Duv:	0.0013	R3:	88.5	R11:	66.3
CIE x:	0.4143	R4:	69.5	R12:	45.7
CIE y:	0.3980	R5:	66.4	R13:	68.0
CIE z:	0.1877	R6:	69.6	R14:	93.4
Peak Wavelength (nm):	590	R7:	77.5	R15:	57.6
Dominant Wavelength (nm):	580	R8:	44.9		
Purity:	43.80166				
Rf:	71.4				
Rg:	96				



Test Conditions

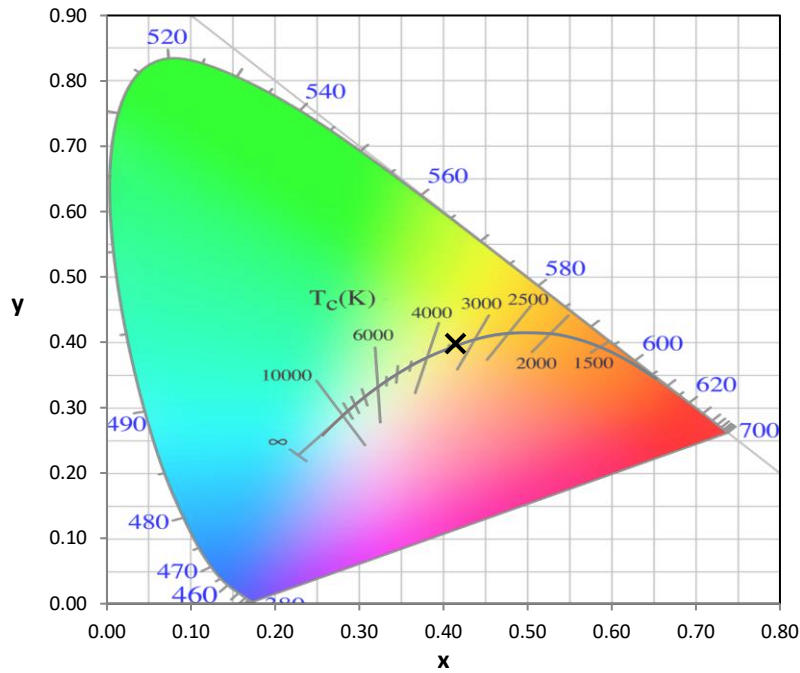
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

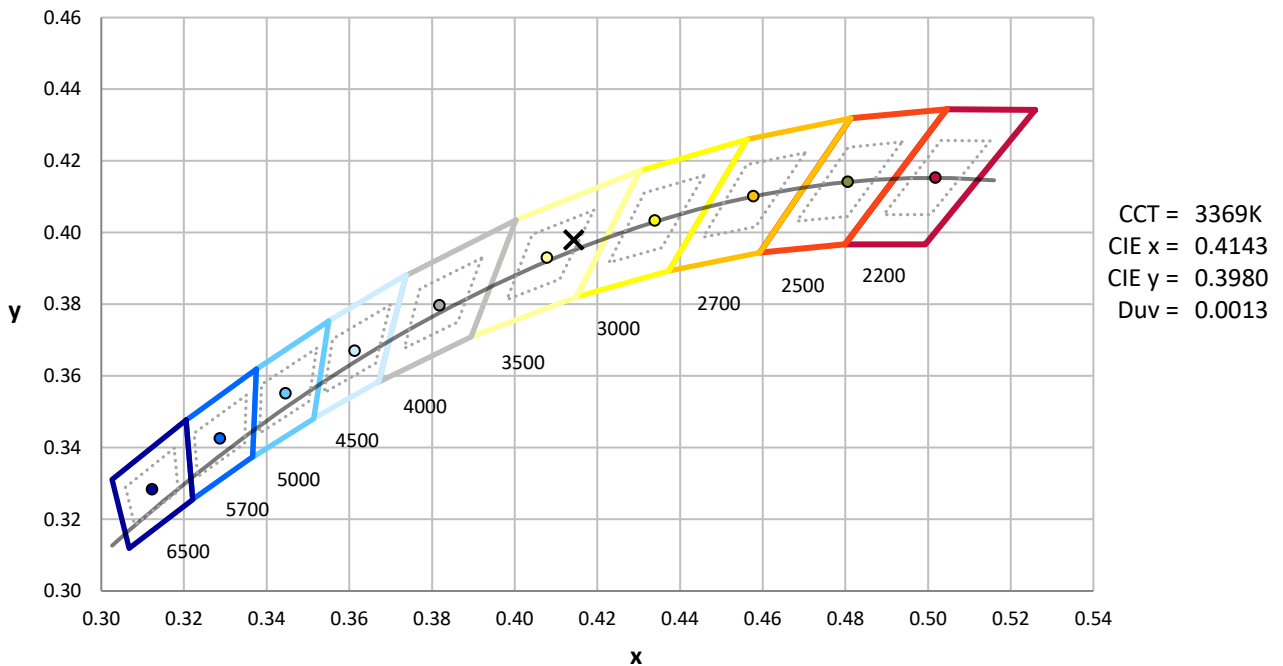
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-5

CIE 1931 Chromaticity Diagram



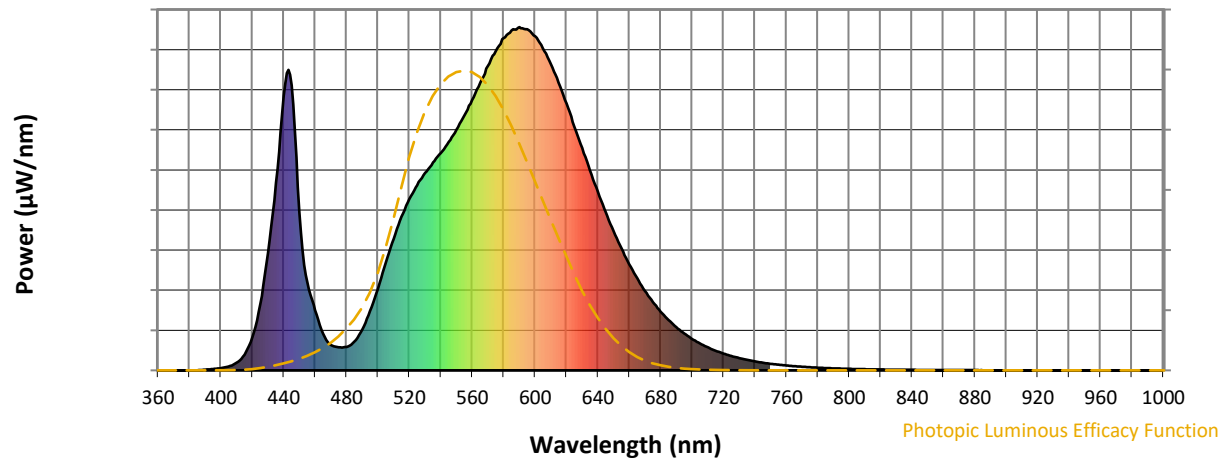
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

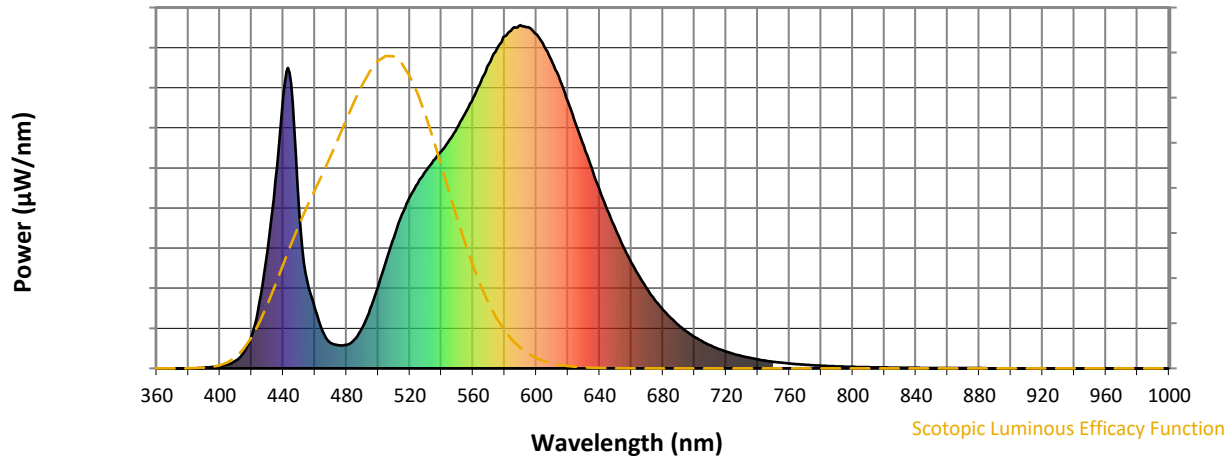


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength



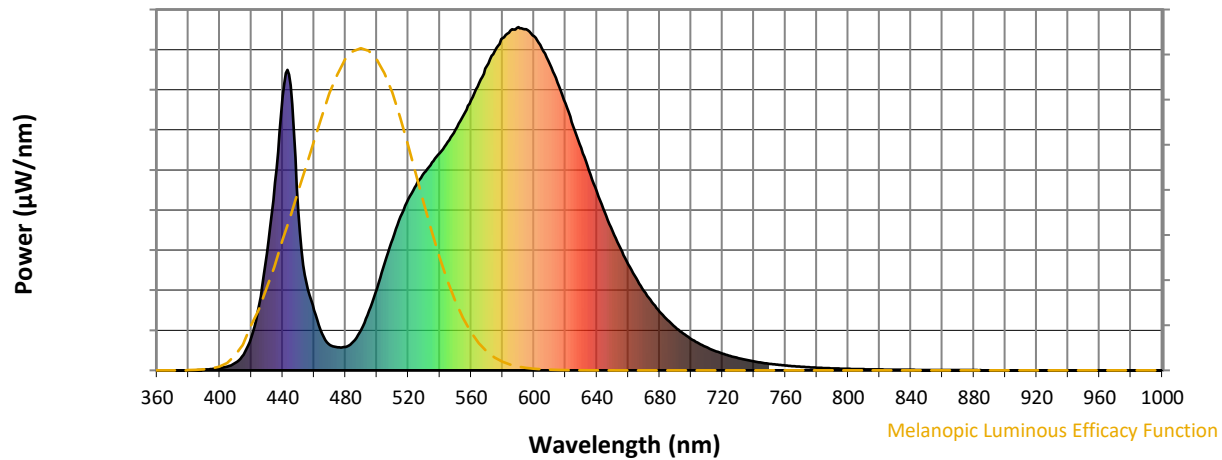
Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

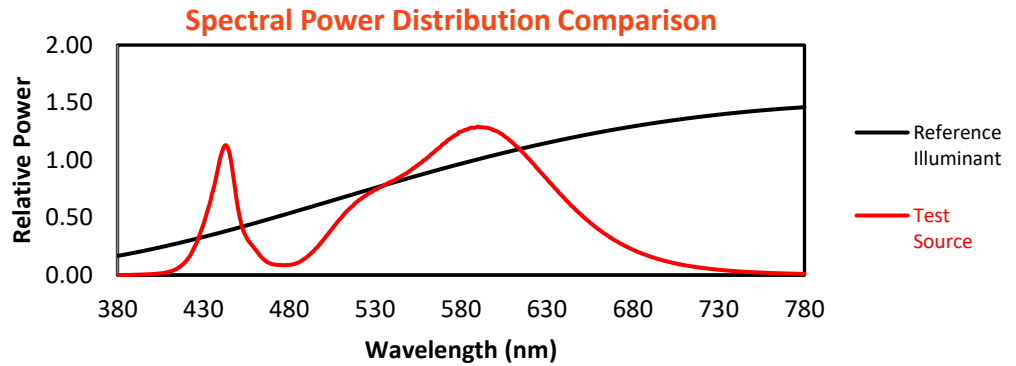
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

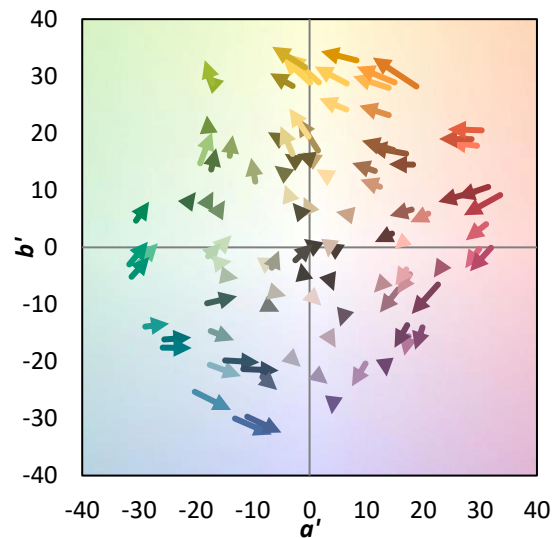
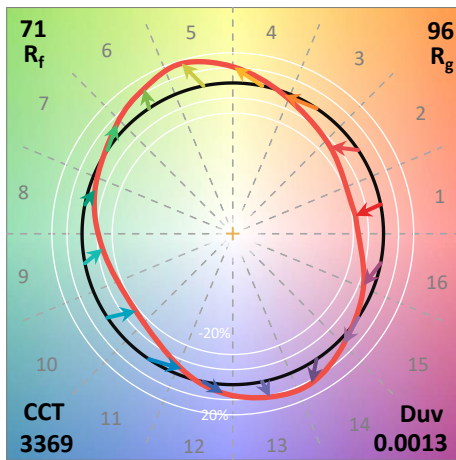
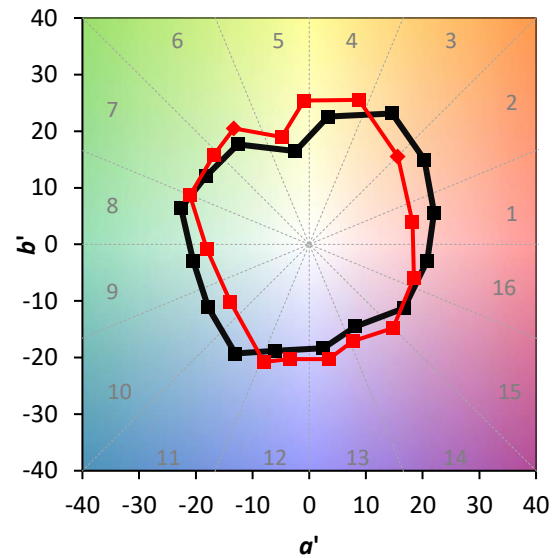
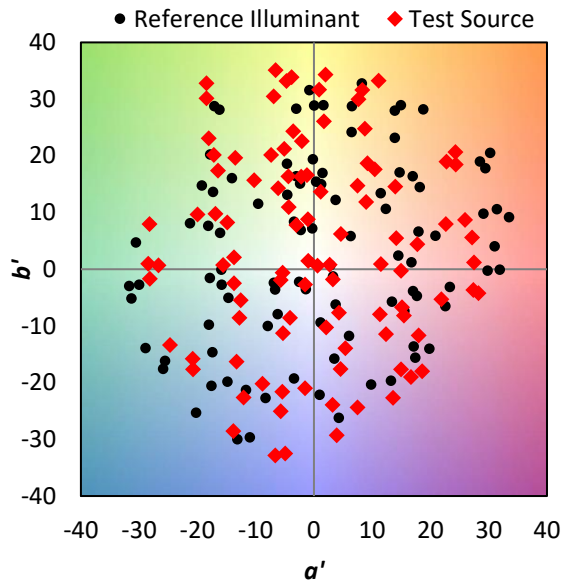
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 $CIE R_a = 70.1$
 $R_g = -40.2$

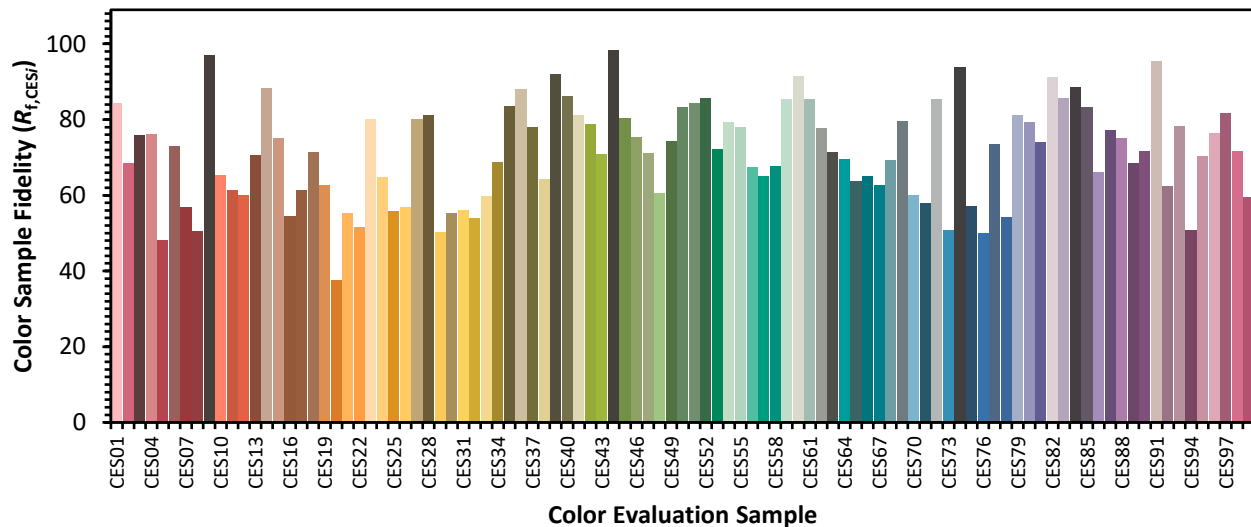


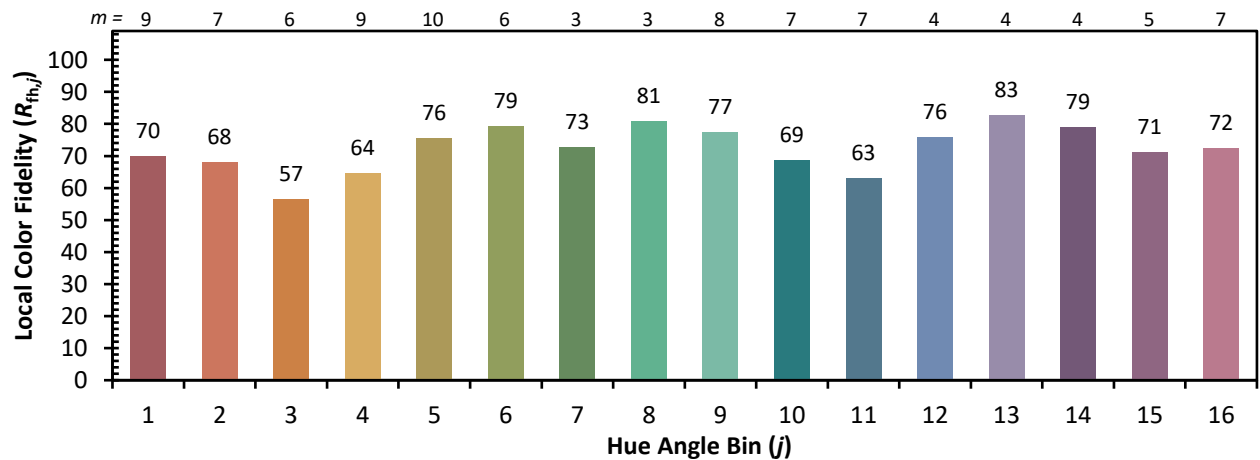
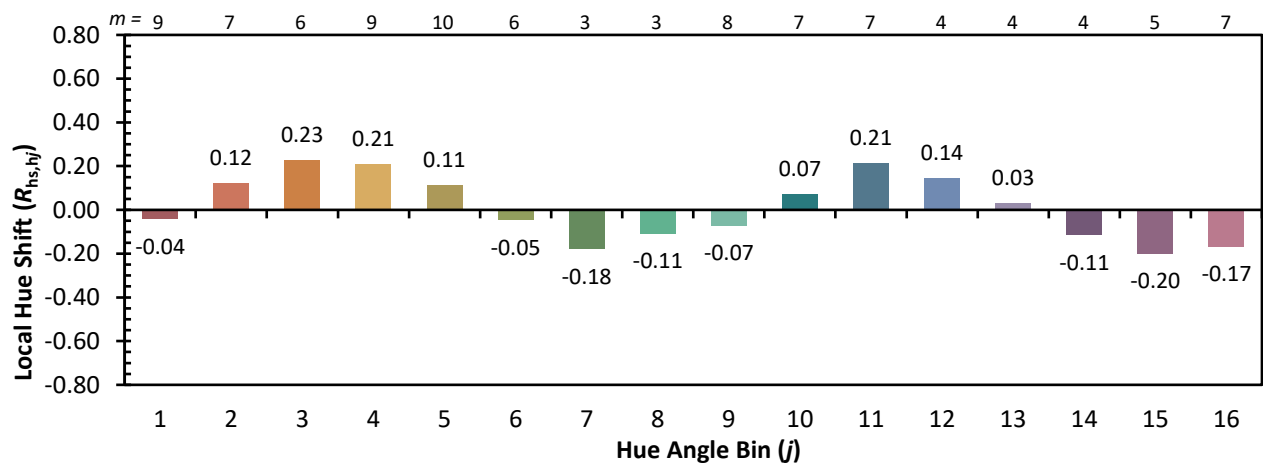
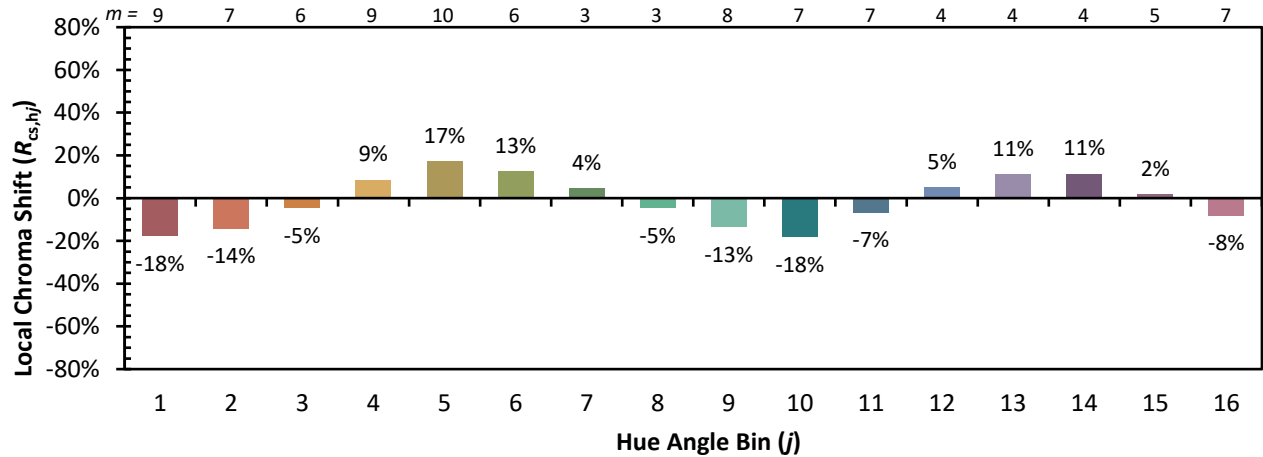
Color Vector Graphics



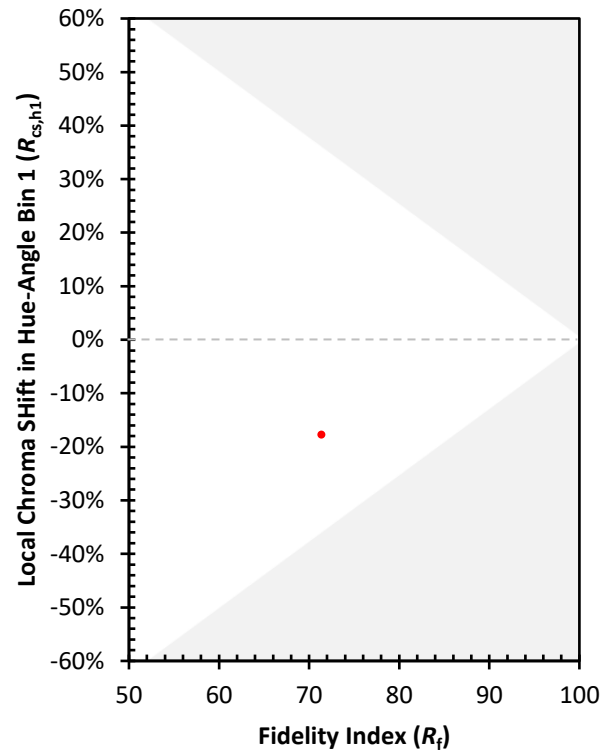
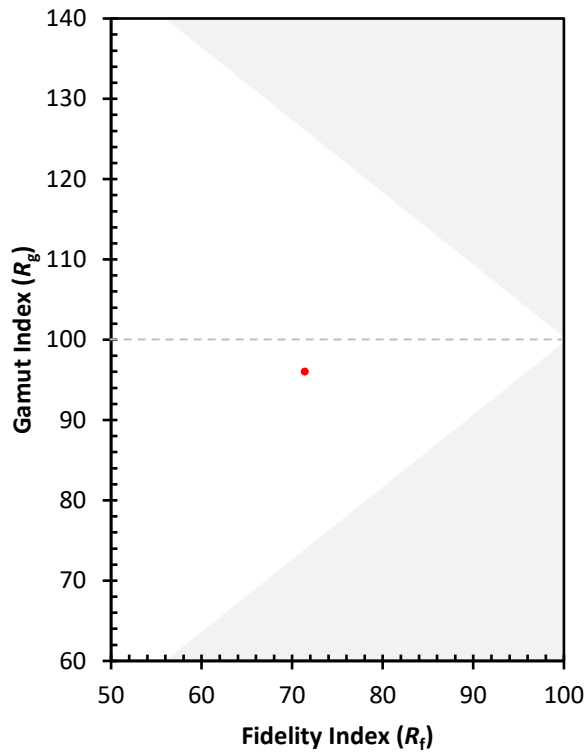
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)