

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: P1049310

Luminaire Tested: **GALN-SA8B-927-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049310
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-927-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
90CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 20372 lumens
Efficiency: N/A
Efficacy: 72.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

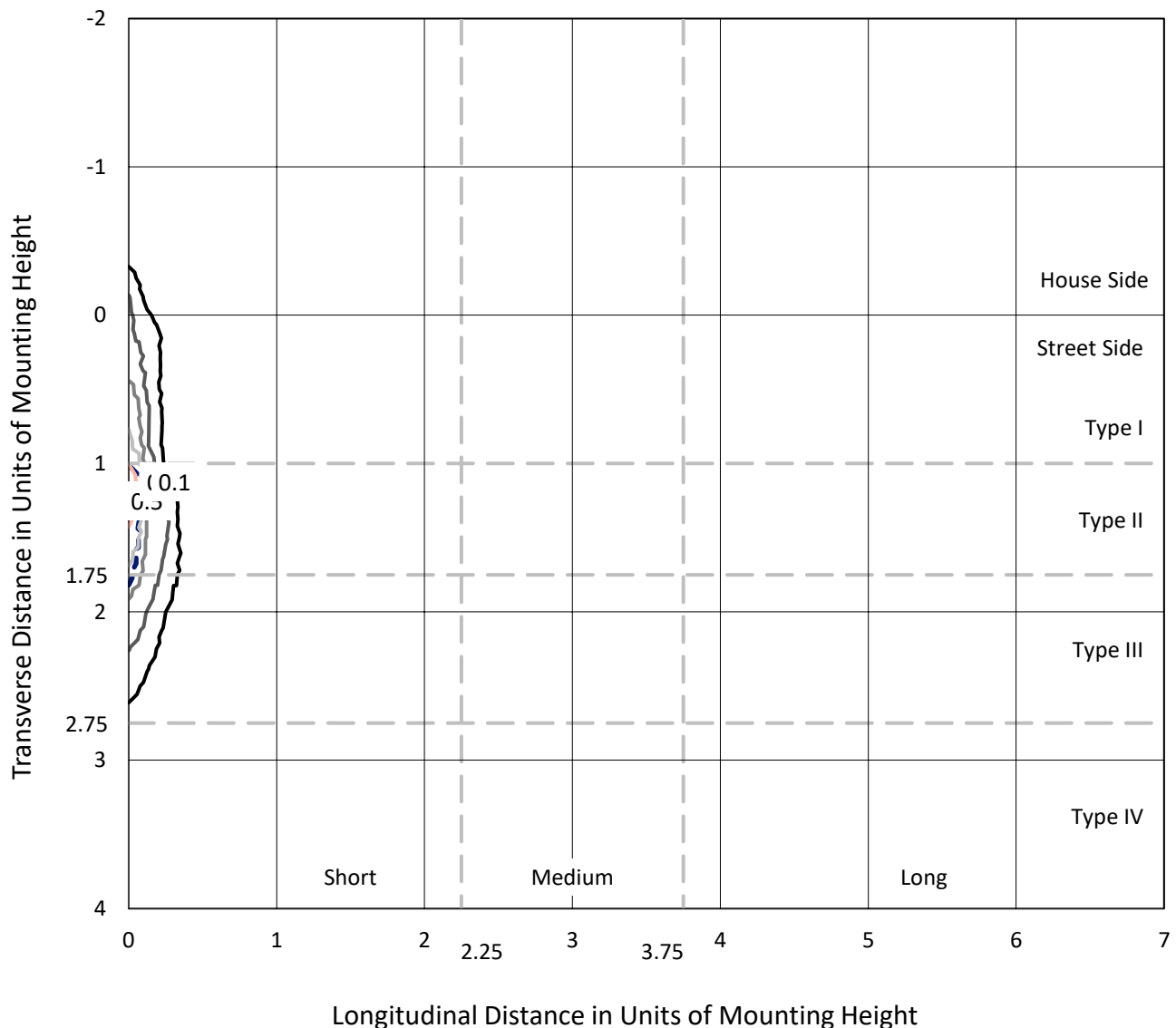
Input Watts (W): 282.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

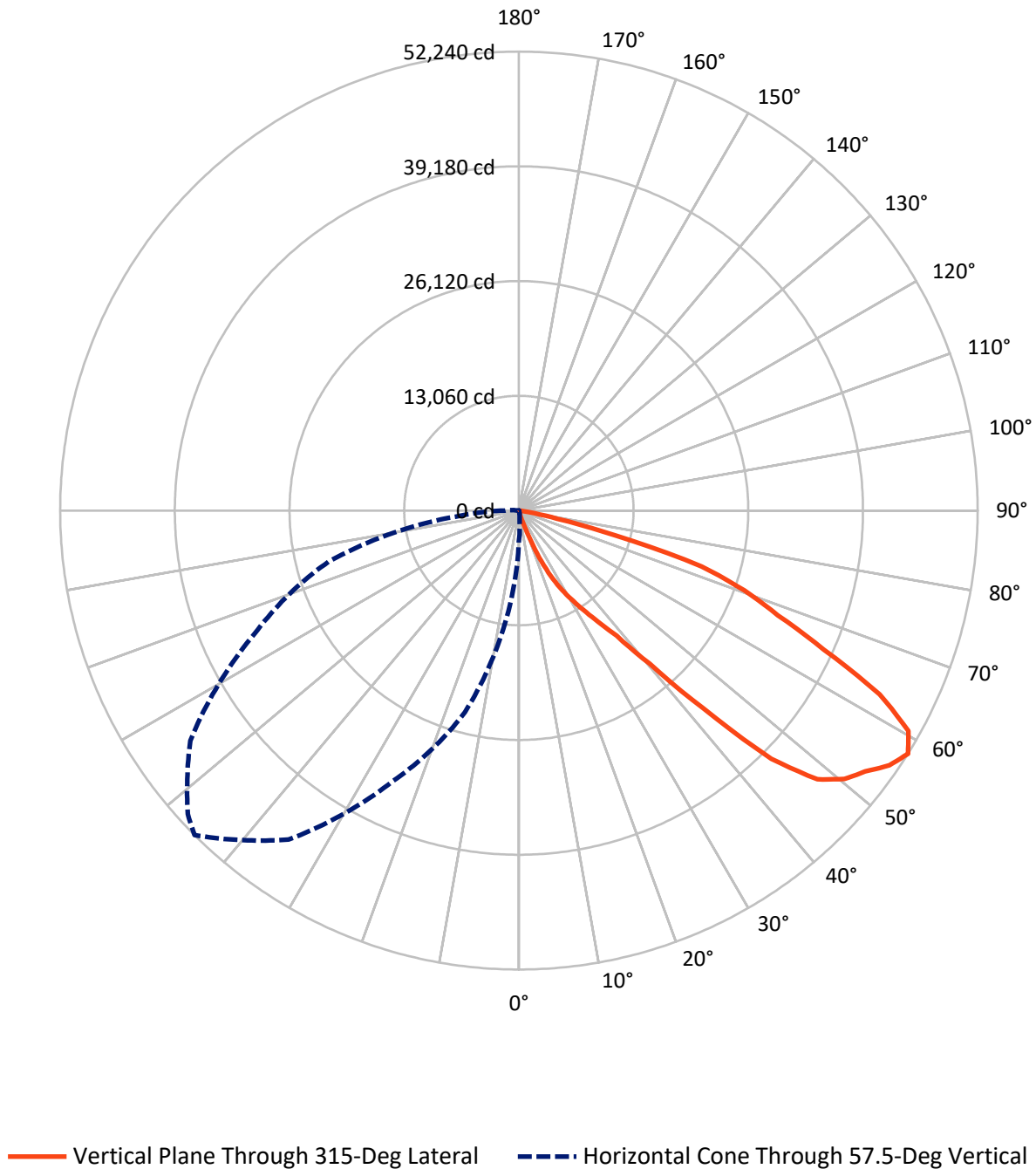


Based on 20 foot mounting height. Maximum calculated value = 3 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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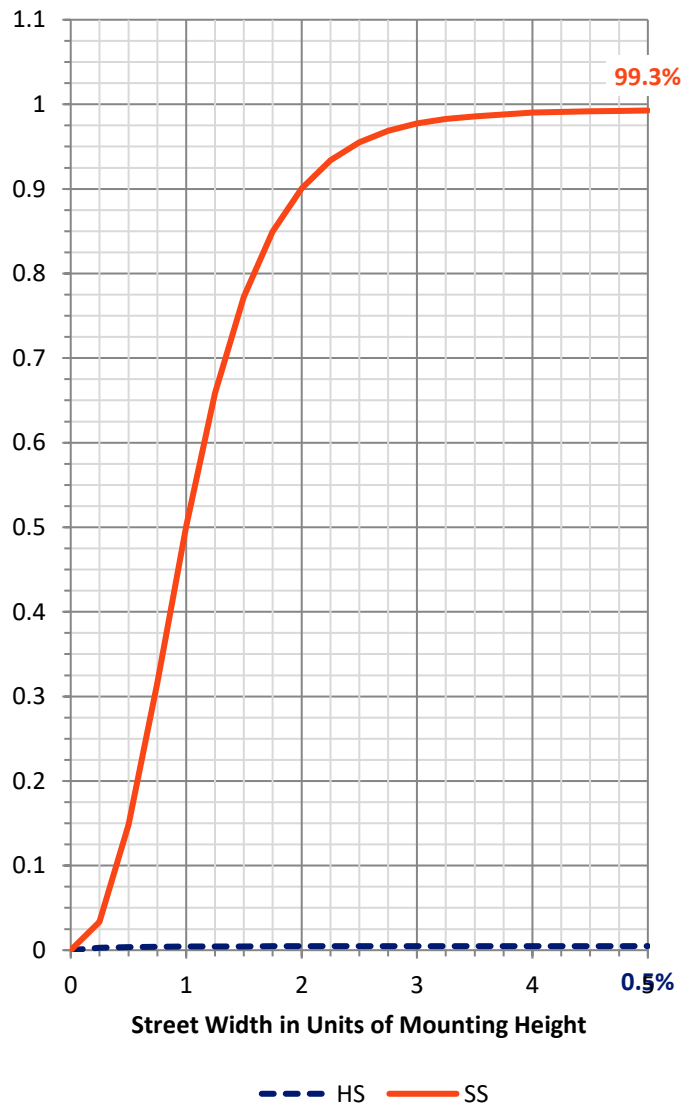
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	102.0	0.0	102.0
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	20270.0	0.0	20270.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	20372.0	0.0	20372.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.0	0.0
10°-20°	44.8	0.2
20°-30°	482.8	2.4
30°-40°	1427.7	7.0
40°-50°	4254.9	20.9
50°-60°	6746.7	33.1
60°-70°	5631.9	27.6
70°-80°	1736.7	8.5
80°-90°	38.6	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°	20372.0	100.0
0°-180°	20372.0	100.0



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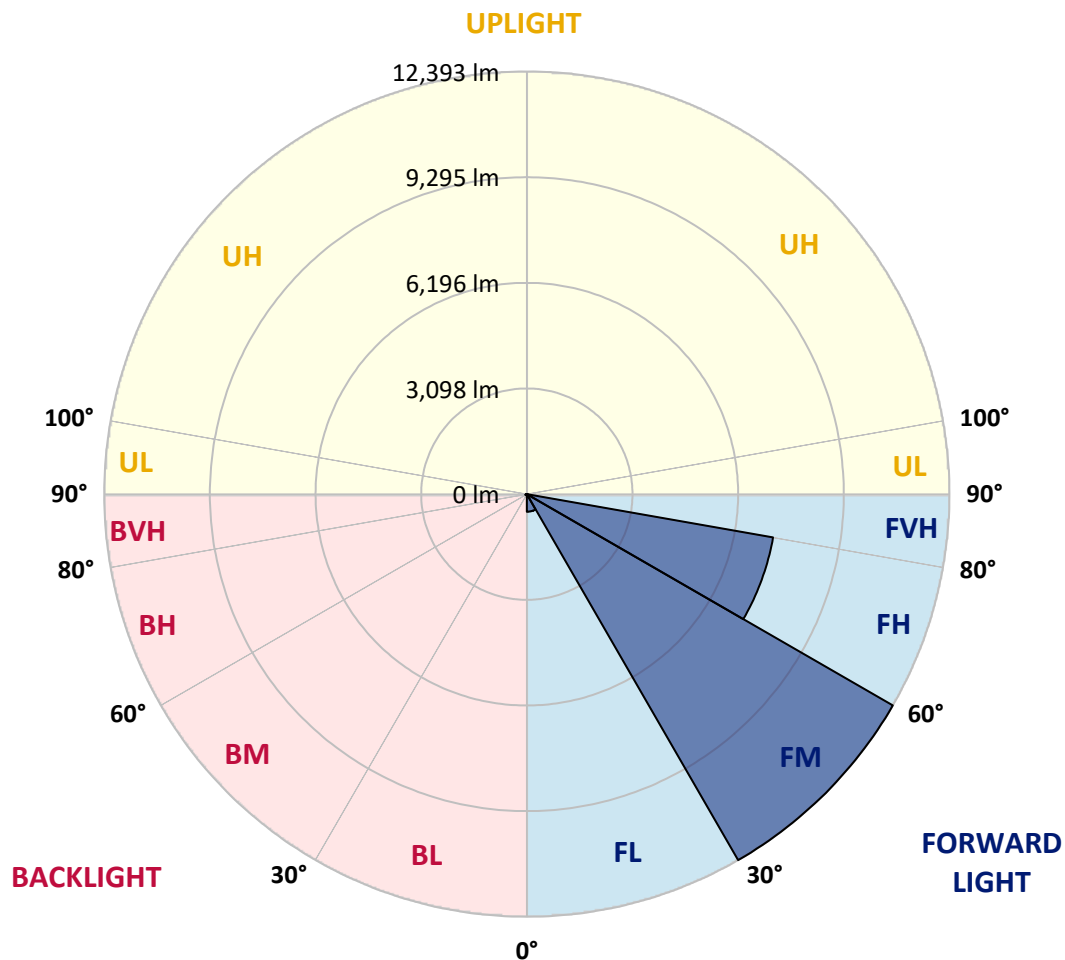
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	516.8	2.5			
FM	(30°-60°)	12392.9	60.8			
FH	(60°-80°)	7330.5	36.0			G3/7500
FVH	(80°-90°)	29.9	0.1			G1/100
BL	(0°-30°)	18.7	0.1	B0/110		
BM	(30°-60°)	36.5	0.2	B0/220		
BH	(60°-80°)	38.1	0.2	B0/110		G0/110
BVH	(80°-90°)	8.8	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
2.5°	81.6	81.6	81.6	81.6	80.1	80.1	78.5	78.5	77.0	77.0
5°	86.2	86.2	84.7	83.1	83.1	81.6	80.1	78.5	78.5	77.0
7.5°	93.9	92.4	90.8	89.3	86.2	84.7	81.6	80.1	78.5	75.4
10°	103.1	100.1	97.0	93.9	90.8	87.8	84.7	83.1	80.1	78.5
12.5°	115.5	110.8	104.7	100.1	97.0	92.4	89.3	86.2	81.6	78.5
15°	126.2	120.1	112.4	106.2	101.6	95.4	90.8	86.2	83.1	78.5
17.5°	141.6	130.9	118.5	110.8	104.7	97.0	89.3	84.7	80.1	73.9
20°	167.8	146.3	123.2	113.9	104.7	95.4	86.2	80.1	75.4	69.3
22.5°	209.4	172.4	135.5	121.6	109.3	95.4	83.1	77.0	70.8	64.7
25°	289.4	223.2	157.0	138.6	120.1	101.6	83.1	75.4	69.3	61.6
27.5°	384.9	286.3	186.3	160.1	135.5	109.3	83.1	73.9	66.2	57.0
30°	481.9	351.0	218.6	184.7	150.9	117.0	83.1	72.4	63.1	52.3
32.5°	574.2	411.0	246.3	206.3	166.3	124.7	84.7	72.4	60.0	47.7
35°	668.1	460.3	250.9	209.4	167.8	124.7	83.1	69.3	57.0	43.1
37.5°	788.2	515.7	241.7	200.1	160.1	118.5	78.5	66.2	53.9	40.0
40°	969.9	608.1	246.3	203.2	160.1	117.0	73.9	61.6	50.8	38.5
42.5°	1305.5	786.7	266.3	217.1	167.8	117.0	67.7	57.0	47.7	36.9
45°	2256.9	1307.0	357.2	283.3	209.4	135.5	61.6	52.3	44.6	35.4
47.5°	3733.3	2187.6	642.0	495.7	351.0	204.8	60.0	52.3	44.6	35.4
50°	4764.7	2786.5	808.2	622.0	435.7	249.4	63.1	53.9	46.2	36.9
52.5°	4757.0	2829.6	900.6	691.2	483.4	274.0	66.2	57.0	49.3	40.0
55°	4229.0	2574.0	917.5	705.1	494.2	281.7	70.8	61.6	52.3	43.1
57.5°	3534.7	2186.1	837.5	648.1	460.3	271.0	81.6	70.8	61.6	50.8
60°	2795.7	1724.2	652.7	515.7	380.3	243.2	107.8	93.9	81.6	67.7
62.5°	1930.5	1250.1	569.6	457.2	346.4	234.0	123.2	109.3	97.0	83.1
65°	1365.5	940.6	514.2	418.7	324.8	229.4	133.9	118.5	104.7	89.3
67.5°	1020.7	748.2	474.2	392.6	311.0	229.4	147.8	129.3	112.4	93.9
70°	782.1	614.3	444.9	378.7	314.1	247.9	181.7	155.5	130.9	104.7
72.5°	637.4	525.0	411.0	363.3	315.6	267.9	220.1	186.3	152.4	117.0
75°	528.0	449.5	371.0	331.0	292.5	252.5	212.5	181.7	152.4	121.6
77.5°	351.0	320.2	287.9	264.8	241.7	217.1	194.0	167.8	143.2	117.0
80°	123.2	118.5	113.9	123.2	132.4	141.6	150.9	132.4	115.5	97.0
82.5°	18.5	16.9	15.4	16.9	18.5	20.0	21.6	23.1	24.6	26.2
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°	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
0.0	2.5°	75.4	75.4	73.9	73.9	73.9	72.4	72.4	70.8	70.8	70.8
0.0	5°	73.9	73.9	72.4	70.8	69.3	69.3	67.7	66.2	66.2	64.7
0.0	7.5°	72.4	70.8	69.3	67.7	66.2	64.7	63.1	61.6	61.6	60.0
0.0	10°	73.9	70.8	69.3	66.2	64.7	63.1	60.0	58.5	57.0	57.0
0.0	12.5°	70.8	69.3	66.2	63.1	61.6	58.5	57.0	53.9	52.3	52.3
0.0	15°	70.8	67.7	63.1	60.0	57.0	55.4	52.3	49.3	47.7	46.2
0.0	17.5°	66.2	63.1	58.5	55.4	52.3	49.3	46.2	43.1	41.6	40.0
0.0	20°	60.0	57.0	52.3	47.7	44.6	41.6	38.5	35.4	33.9	32.3
0.0	22.5°	53.9	50.8	46.2	41.6	38.5	35.4	30.8	27.7	26.2	23.1
0.0	25°	50.8	46.2	41.6	36.9	32.3	29.3	24.6	20.0	16.9	13.9
0.0	27.5°	43.1	38.5	33.9	29.3	24.6	20.0	15.4	10.8	7.7	6.2
0.0	30°	36.9	32.3	27.7	23.1	16.9	12.3	7.7	1.5	1.5	1.5
0.0	32.5°	30.8	26.2	20.0	15.4	12.3	7.7	4.6	0.0	0.0	0.0
0.0	35°	24.6	20.0	13.9	9.2	7.7	4.6	3.1	0.0	0.0	0.0
0.0	37.5°	21.6	16.9	10.8	4.6	3.1	3.1	1.5	0.0	0.0	0.0
0.0	40°	20.0	13.9	7.7	1.5	1.5	1.5	0.0	0.0	0.0	0.0
0.0	42.5°	20.0	13.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	20.0	13.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	20.0	13.9	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	21.6	15.4	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	24.6	18.5	12.3	6.2	4.6	3.1	1.5	0.0	0.0	0.0
0.0	55°	30.8	27.7	23.1	20.0	15.4	10.8	4.6	0.0	0.0	0.0
0.0	57.5°	40.0	40.0	38.5	36.9	27.7	18.5	9.2	0.0	0.0	0.0
0.0	60°	53.9	53.9	53.9	53.9	40.0	27.7	13.9	0.0	0.0	0.0
0.0	62.5°	66.2	63.1	58.5	55.4	41.6	27.7	13.9	0.0	0.0	0.0
0.0	65°	66.2	60.0	52.3	44.6	33.9	23.1	10.8	0.0	0.0	0.0
0.0	67.5°	61.6	49.3	35.4	23.1	16.9	12.3	6.2	0.0	0.0	0.0
	70°	61.6	43.1	24.6	6.2	4.6	3.1	1.5	0.0	0.0	0.0
	72.5°	61.6	41.6	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	67.7	46.2	23.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	67.7	46.2	23.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	60.0	40.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	20.0	13.9	6.2	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):

[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°	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
0.0	2.5°	69.3	69.3	69.3	67.7	67.7	67.7	67.7	66.2	66.2	66.2
0.0	5°	63.1	63.1	61.6	61.6	60.0	60.0	58.5	58.5	57.0	57.0
0.0	7.5°	58.5	57.0	57.0	55.4	53.9	53.9	52.3	52.3	50.8	49.3
0.0	10°	53.9	52.3	52.3	50.8	49.3	47.7	47.7	46.2	44.6	43.1
0.0	12.5°	49.3	47.7	46.2	44.6	43.1	41.6	41.6	40.0	38.5	36.9
0.0	15°	43.1	41.6	40.0	38.5	36.9	35.4	35.4	33.9	32.3	30.8
0.0	17.5°	36.9	35.4	35.4	33.9	32.3	30.8	29.3	26.2	24.6	23.1
0.0	20°	27.7	26.2	24.6	23.1	21.6	18.5	16.9	13.9	10.8	9.2
0.0	22.5°	18.5	15.4	13.9	10.8	7.7	6.2	4.6	1.5	0.0	0.0
0.0	25°	6.2	4.6	3.1	1.5	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-SA8B-927-U-RBC

[illegible]

REPORT NUMBER: P1049310

CATALOG NUMBER: GALN-SA8B-927-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
0.0	2.5°	64.7	64.7	64.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1
0.0	5°	55.4	55.4	55.4	53.9	53.9	52.3	52.3	52.3	50.8	50.8
0.0	7.5°	47.7	46.2	46.2	44.6	44.6	43.1	43.1	43.1	41.6	41.6
0.0	10°	40.0	38.5	38.5	36.9	36.9	35.4	35.4	33.9	33.9	32.3
0.0	12.5°	35.4	33.9	32.3	30.8	30.8	29.3	27.7	27.7	26.2	24.6
0.0	15°	27.7	26.2	24.6	23.1	21.6	20.0	18.5	18.5	16.9	15.4
0.0	17.5°	18.5	15.4	13.9	12.3	12.3	10.8	9.2	7.7	6.2	4.6
0.0	20°	4.6	3.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049310

CATALOG NUMBER: GALN-SA8B-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049310

CATALOG NUMBER: GALN-SA8B-927-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°	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
0.0	2.5°	63.1	61.6	61.6	61.6	63.1	63.1	63.1	63.1	63.1	63.1
0.0	5°	50.8	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
0.0	7.5°	41.6	40.0	40.0	40.0	40.0	38.5	38.5	38.5	38.5	38.5
0.0	10°	32.3	30.8	30.8	30.8	30.8	29.3	29.3	29.3	29.3	29.3
0.0	12.5°	23.1	23.1	21.6	21.6	21.6	20.0	20.0	20.0	20.0	18.5
0.0	15°	13.9	12.3	10.8	10.8	10.8	9.2	9.2	9.2	9.2	7.7
0.0	17.5°	3.1	3.1	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA8B-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049310

CATALOG NUMBER: GALN-SA8B-927-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
0.0	2.5°	64.7	64.7	66.2	66.2	67.7	70.8	72.4	73.9	77.0	80.1
0.0	5°	50.8	52.3	52.3	53.9	55.4	57.0	58.5	60.0	63.1	66.2
0.0	7.5°	40.0	40.0	41.6	41.6	43.1	46.2	47.7	49.3	52.3	57.0
0.0	10°	30.8	30.8	32.3	32.3	33.9	36.9	38.5	40.0	43.1	47.7
0.0	12.5°	20.0	21.6	21.6	23.1	24.6	27.7	29.3	30.8	33.9	36.9
0.0	15°	9.2	10.8	10.8	12.3	13.9	16.9	18.5	20.0	23.1	27.7
0.0	17.5°	1.5	1.5	3.1	3.1	4.6	6.2	7.7	9.2	13.9	16.9
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	6.2
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
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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CATALOG NUMBER: GALN-SA8B-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049310

CATALOG NUMBER: GALN-SA8B-927-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°	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
0.0	2.5°	84.7	87.8	90.8	93.9	97.0	100.1	101.6	104.7	106.2	107.8
0.0	5°	72.4	75.4	80.1	83.1	86.2	89.3	92.4	93.9	95.4	97.0
0.0	7.5°	63.1	66.2	70.8	73.9	77.0	80.1	83.1	86.2	87.8	89.3
0.0	10°	53.9	58.5	61.6	66.2	69.3	72.4	75.4	78.5	81.6	83.1
0.0	12.5°	43.1	47.7	52.3	55.4	60.0	64.7	67.7	70.8	73.9	77.0
0.0	15°	33.9	38.5	43.1	46.2	50.8	55.4	60.0	63.1	66.2	69.3
0.0	17.5°	24.6	29.3	33.9	36.9	41.6	46.2	49.3	53.9	57.0	60.0
0.0	20°	12.3	16.9	21.6	26.2	30.8	35.4	38.5	43.1	46.2	49.3
0.0	22.5°	1.5	6.2	10.8	13.9	18.5	23.1	26.2	30.8	33.9	36.9
0.0	25°	0.0	1.5	4.6	6.2	7.7	10.8	13.9	16.9	20.0	23.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.5	3.1	6.2	9.2	12.3
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
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	1.5
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	3.1
	85°	0.0	0.0	0.0	0.0	0.0	3.1	4.6	7.7	9.2	10.8
	87.5°	0.0	1.5	3.1	4.6	6.2	9.2	12.3	15.4	16.9	18.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049310

CATALOG NUMBER: GALN-SA8B-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
89.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.5											
6.2											
13.9											
20.0											
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REPORT NUMBER: P1049310

CATALOG NUMBER: GALN-SA8B-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
0.0	2.5°	109.3	109.3	109.3	109.3	107.8	107.8	107.8	106.2	106.2	104.7
0.0	5°	100.1	101.6	101.6	101.6	101.6	101.6	101.6	101.6	100.1	100.1
0.0	7.5°	92.4	93.9	95.4	95.4	97.0	97.0	97.0	95.4	95.4	93.9
0.0	10°	87.8	89.3	89.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8
0.0	12.5°	81.6	83.1	84.7	84.7	86.2	86.2	86.2	86.2	84.7	84.7
0.0	15°	73.9	77.0	78.5	80.1	80.1	81.6	81.6	81.6	81.6	81.6
0.0	17.5°	67.7	70.8	72.4	73.9	73.9	75.4	75.4	77.0	77.0	77.0
0.0	20°	55.4	58.5	60.0	63.1	64.7	66.2	67.7	69.3	69.3	70.8
0.0	22.5°	43.1	46.2	47.7	50.8	52.3	53.9	55.4	57.0	58.5	60.0
0.0	25°	30.8	33.9	35.4	38.5	40.0	41.6	43.1	44.6	44.6	46.2
0.0	27.5°	16.9	20.0	23.1	24.6	27.7	29.3	30.8	32.3	33.9	35.4
0.0	30°	7.7	9.2	10.8	13.9	15.4	16.9	18.5	21.6	23.1	24.6
0.0	32.5°	0.0	0.0	1.5	4.6	6.2	7.7	9.2	10.8	10.8	12.3
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.1	4.6	6.2
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°	3.1	3.1	3.1	4.6	4.6	4.6	4.6	4.6	4.6	4.6
	82.5°	7.7	9.2	10.8	10.8	12.3	12.3	12.3	12.3	10.8	10.8
	85°	15.4	16.9	18.5	18.5	20.0	20.0	20.0	20.0	20.0	20.0
	87.5°	21.6	23.1	24.6	24.6	26.2	26.2	26.2	26.2	26.2	26.2
	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: P1049310

CATALOG NUMBER: GALN-SA8B-927-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
89.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
4.6											
10.8											
20.0											
26.2											
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REPORT NUMBER: P1049310

CATALOG NUMBER: GALN-SA8B-927-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°	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
0.0	2.5°	103.1	103.1	101.6	101.6	101.6	101.6	101.6	103.1	104.7	104.7
0.0	5°	98.5	98.5	97.0	97.0	97.0	98.5	98.5	100.1	101.6	103.1
0.0	7.5°	93.9	92.4	92.4	93.9	93.9	95.4	95.4	97.0	98.5	100.1
0.0	10°	90.8	89.3	89.3	89.3	90.8	90.8	92.4	93.9	95.4	97.0
0.0	12.5°	84.7	84.7	84.7	84.7	86.2	86.2	87.8	89.3	92.4	93.9
0.0	15°	81.6	80.1	80.1	80.1	80.1	81.6	81.6	84.7	87.8	89.3
0.0	17.5°	75.4	75.4	73.9	73.9	75.4	75.4	77.0	80.1	83.1	84.7
0.0	20°	69.3	67.7	66.2	66.2	67.7	67.7	69.3	72.4	75.4	77.0
0.0	22.5°	60.0	58.5	58.5	58.5	58.5	60.0	60.0	63.1	67.7	70.8
0.0	25°	47.7	49.3	49.3	50.8	50.8	52.3	53.9	57.0	61.6	64.7
0.0	27.5°	36.9	38.5	38.5	41.6	43.1	44.6	46.2	50.8	55.4	58.5
0.0	30°	27.7	29.3	30.8	32.3	35.4	38.5	41.6	46.2	50.8	53.9
0.0	32.5°	16.9	20.0	21.6	24.6	27.7	30.8	33.9	38.5	44.6	49.3
0.0	35°	12.3	13.9	16.9	18.5	21.6	24.6	27.7	33.9	38.5	44.6
0.0	37.5°	6.2	9.2	12.3	15.4	18.5	21.6	24.6	30.8	36.9	41.6
0.0	40°	4.6	7.7	9.2	12.3	16.9	20.0	23.1	29.3	35.4	41.6
0.0	42.5°	3.1	4.6	6.2	10.8	13.9	18.5	23.1	29.3	35.4	41.6
0.0	45°	3.1	3.1	4.6	9.2	13.9	20.0	24.6	30.8	35.4	41.6
0.0	47.5°	3.1	4.6	6.2	12.3	15.4	20.0	24.6	29.3	35.4	40.0
0.0	50°	4.6	6.2	7.7	13.9	16.9	21.6	24.6	30.8	35.4	41.6
0.0	52.5°	3.1	4.6	6.2	12.3	16.9	23.1	27.7	33.9	40.0	44.6
0.0	55°	1.5	1.5	1.5	9.2	18.5	26.2	35.4	40.0	46.2	50.8
0.0	57.5°	0.0	0.0	0.0	6.2	18.5	29.3	40.0	46.2	52.3	57.0
0.0	60°	0.0	0.0	0.0	6.2	18.5	29.3	40.0	47.7	55.4	63.1
0.0	62.5°	0.0	0.0	0.0	6.2	15.4	24.6	33.9	46.2	60.0	72.4
0.0	65°	0.0	0.0	0.0	4.6	12.3	20.0	27.7	46.2	64.7	81.6
0.0	67.5°	0.0	0.0	0.0	4.6	12.3	18.5	26.2	46.2	64.7	84.7
	70°	0.0	0.0	0.0	4.6	12.3	20.0	27.7	46.2	64.7	83.1
	72.5°	0.0	0.0	0.0	4.6	13.9	21.6	30.8	46.2	61.6	77.0
	75°	0.0	0.0	0.0	6.2	13.9	23.1	32.3	46.2	60.0	72.4
	77.5°	0.0	0.0	0.0	4.6	13.9	21.6	30.8	44.6	58.5	70.8
	80°	4.6	3.1	3.1	7.7	13.9	20.0	26.2	40.0	55.4	69.3
	82.5°	9.2	9.2	7.7	10.8	13.9	18.5	23.1	35.4	49.3	61.6
	85°	18.5	18.5	16.9	18.5	18.5	20.0	21.6	27.7	33.9	40.0
	87.5°	24.6	24.6	23.1	23.1	23.1	21.6	21.6	21.6	21.6	20.0
	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):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
89.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.6											
92.4											
86.2											
84.7											
83.1											
73.9											
46.2											
20.0											
0.0											
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REPORT NUMBER: P1049310

CATALOG NUMBER: GALN-SA8B-927-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
0.0	2.5°	107.8	109.3	109.3	110.8	112.4	113.9	113.9	115.5	115.5	115.5
0.0	5°	106.2	109.3	110.8	112.4	113.9	115.5	117.0	118.5	120.1	120.1
0.0	7.5°	104.7	106.2	109.3	110.8	113.9	115.5	118.5	120.1	121.6	123.2
0.0	10°	101.6	104.7	107.8	110.8	113.9	117.0	120.1	123.2	126.2	127.8
0.0	12.5°	98.5	103.1	106.2	109.3	113.9	118.5	121.6	126.2	129.3	132.4
0.0	15°	97.0	100.1	104.7	107.8	113.9	120.1	124.7	130.9	137.0	141.6
0.0	17.5°	92.4	98.5	103.1	107.8	113.9	121.6	127.8	133.9	143.2	152.4
0.0	20°	86.2	90.8	97.0	101.6	110.8	118.5	127.8	135.5	149.3	163.2
0.0	22.5°	80.1	86.2	90.8	97.0	107.8	117.0	127.8	137.0	160.1	181.7
0.0	25°	73.9	81.6	87.8	93.9	106.2	118.5	130.9	143.2	181.7	220.1
0.0	27.5°	70.8	77.0	84.7	90.8	106.2	123.2	138.6	153.9	215.5	275.6
0.0	30°	66.2	73.9	80.1	87.8	107.8	127.8	147.8	167.8	261.7	355.6
0.0	32.5°	61.6	69.3	77.0	84.7	110.8	137.0	161.6	187.8	311.0	432.6
0.0	35°	57.0	66.2	73.9	81.6	115.5	150.9	184.7	218.6	355.6	491.1
0.0	37.5°	55.4	64.7	72.4	80.1	117.0	152.4	189.4	224.8	360.2	495.7
0.0	40°	57.0	64.7	73.9	81.6	112.4	143.2	172.4	203.2	344.8	484.9
0.0	42.5°	57.0	66.2	75.4	84.7	109.3	133.9	158.6	183.2	340.2	497.3
0.0	45°	55.4	64.7	73.9	83.1	106.2	127.8	150.9	172.4	367.9	561.9
0.0	47.5°	53.9	63.1	72.4	81.6	104.7	127.8	150.9	174.0	475.7	775.9
0.0	50°	53.9	63.1	70.8	78.5	106.2	135.5	163.2	190.9	692.8	1193.1
0.0	52.5°	57.0	64.7	70.8	77.0	109.3	143.2	175.5	207.8	880.6	1551.8
0.0	55°	61.6	66.2	72.4	77.0	117.0	155.5	195.5	234.0	937.6	1641.1
0.0	57.5°	67.7	72.4	77.0	81.6	130.9	180.1	227.8	277.1	942.2	1605.7
0.0	60°	75.4	81.6	86.2	90.8	143.2	197.1	249.4	301.7	852.9	1402.5
0.0	62.5°	92.4	100.1	106.2	113.9	164.7	214.0	264.8	314.1	708.2	1102.3
0.0	65°	106.2	112.4	118.5	124.7	174.0	224.8	274.0	323.3	600.4	877.5
0.0	67.5°	109.3	115.5	120.1	126.2	177.0	227.8	277.1	327.9	514.2	698.9
	70°	110.8	118.5	127.8	135.5	187.8	240.2	291.0	343.3	455.7	568.1
	72.5°	106.2	121.6	135.5	149.3	198.6	246.3	295.6	343.3	423.4	503.4
	75°	106.2	127.8	147.8	167.8	204.8	240.2	277.1	312.5	374.1	435.7
	77.5°	112.4	140.1	167.8	195.5	217.1	237.1	258.6	278.6	318.7	358.7
	80°	112.4	141.6	169.3	198.6	207.8	218.6	227.8	237.1	241.7	246.3
	82.5°	97.0	120.1	143.2	166.3	155.5	144.7	133.9	123.2	115.5	106.2
	85°	49.3	53.9	57.0	60.0	55.4	50.8	46.2	41.6	38.5	33.9
	87.5°	20.0	20.0	18.5	18.5	18.5	18.5	16.9	16.9	16.9	16.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA8B-927-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
89.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
189.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
241.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
327.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
455.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
617.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
771.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
876.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
954.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1033.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1187.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1494.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2278.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3490.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4393.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4493.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4055.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3466.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2709.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2047.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1511.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1069.9											
795.9											
578.9											
435.7											
244.8											
110.8											
32.3											
15.4											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA8B-927-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°	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
0.0	2.5°	115.5	113.9	113.9	112.4	110.8	109.3	107.8	106.2	104.7	103.1
0.0	5°	120.1	120.1	120.1	118.5	118.5	117.0	117.0	115.5	113.9	112.4
0.0	7.5°	124.7	126.2	126.2	127.8	127.8	127.8	127.8	126.2	126.2	126.2
0.0	10°	132.4	133.9	135.5	137.0	138.6	140.1	140.1	141.6	141.6	141.6
0.0	12.5°	141.6	146.3	149.3	153.9	157.0	161.6	164.7	169.3	172.4	175.5
0.0	15°	155.5	163.2	172.4	180.1	187.8	198.6	210.9	221.7	232.5	249.4
0.0	17.5°	175.5	200.1	224.8	247.9	272.5	326.4	380.3	432.6	486.5	565.0
0.0	20°	214.0	287.9	360.2	434.1	506.5	695.9	883.7	1073.0	1260.8	1462.5
0.0	22.5°	300.2	481.9	663.5	845.2	1026.8	1422.5	1816.6	2212.3	2606.4	3069.8
0.0	25°	435.7	769.7	1103.8	1436.3	1770.4	2389.3	3009.7	3628.6	4247.5	4849.4
0.0	27.5°	634.3	1145.4	1656.5	2166.1	2677.2	3516.2	4356.8	5195.8	6034.8	6715.3
0.0	30°	879.1	1571.8	2264.6	2957.4	3650.1	4604.6	5559.1	6512.1	7466.5	8210.1
0.0	32.5°	1110.0	1958.2	2806.5	3653.2	4501.5	5588.4	6676.8	7763.7	8850.6	9663.4
0.0	35°	1260.8	2286.1	3313.0	4338.3	5363.6	6539.8	7715.9	8890.6	10066.8	10995.1
0.0	37.5°	1411.7	2595.6	3777.9	4961.8	6144.1	7435.8	8727.4	10019.0	11310.7	12457.6
0.0	40°	1581.1	2969.7	4356.8	5745.4	7132.5	8662.7	10191.5	11721.7	13250.4	14868.4
0.0	42.5°	1875.1	3590.1	5306.6	7021.6	8736.6	10761.1	12785.5	14808.4	16832.8	19142.1
0.0	45°	2427.8	4844.8	7263.3	9680.3	12097.3	14779.1	17462.5	20144.3	22826.1	25898.9
0.0	47.5°	3781.0	7106.3	10430.1	13755.4	17079.2	19974.9	22869.2	25765.0	28659.2	31719.7
0.0	50°	5785.4	9655.7	13526.0	17394.8	21265.0	23885.3	26503.9	29124.2	31742.8	34654.0
0.0	52.5°	7235.6	11267.6	15301.0	19333.0	23364.9	25729.6	28095.8	30460.4	32825.1	35545.4
0.0	55°	7344.9	11353.8	15364.2	19373.0	23381.8	25757.3	28132.7	30508.2	32883.6	35767.1
0.0	57.5°	6502.8	10479.3	14454.3	18430.8	22405.8	25110.7	27814.1	30518.9	33222.3	36339.8
0.0	60°	5531.4	9509.5	13486.0	17464.0	21440.5	24556.5	27674.0	30789.9	33905.8	36826.3
0.0	62.5°	4315.2	8407.2	12500.7	16592.7	20684.7	23848.3	27012.0	30174.1	33337.8	35528.5
0.0	65°	3216.0	7189.4	11162.9	15134.8	19108.2	21642.2	24176.2	26708.7	29242.7	30599.0
0.0	67.5°	2324.6	5751.6	9176.9	12603.8	16029.2	17842.7	19656.3	21468.3	23281.8	24319.4
	70°	1571.8	3945.7	6318.1	8692.0	11064.3	12554.6	14046.4	15536.6	17026.8	18427.8
	72.5°	1088.4	2421.6	3756.4	5089.6	6422.8	7922.2	9420.2	10919.6	12417.6	13900.1
	75°	722.0	1328.6	1936.7	2543.2	3149.8	4259.8	5371.3	6481.3	7591.2	8474.9
	77.5°	512.7	694.3	877.5	1059.2	1240.8	1448.7	1658.0	1865.9	2073.7	2389.3
	80°	243.2	266.3	289.4	311.0	334.1	409.5	484.9	560.4	635.8	715.9
	82.5°	115.5	124.7	133.9	141.6	150.9	158.6	166.3	174.0	181.7	174.0
	85°	30.8	30.8	32.3	32.3	32.3	32.3	32.3	32.3	32.3	30.8
	87.5°	13.9	13.9	13.9	13.9	13.9	13.9	13.9	12.3	12.3	10.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
89.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
267.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
642.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1665.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3533.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5451.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7395.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8955.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10477.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11923.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13606.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16486.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21451.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28971.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34780.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37565.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38265.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38652.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39457.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39745.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37720.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31956.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25358.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19827.2											
15382.6											
9358.6											
2704.9											
795.9											
164.7											
29.3											
10.8											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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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°	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
0.0	2.5°	100.1	98.5	97.0	95.4	93.9	90.8	90.8	89.3	89.3
0.0	5°	109.3	107.8	106.2	104.7	104.7	103.1	101.6	101.6	100.1
0.0	7.5°	124.7	123.2	121.6	120.1	120.1	118.5	118.5	117.0	117.0
0.0	10°	143.2	143.2	143.2	143.2	143.2	141.6	141.6	141.6	140.1
0.0	12.5°	180.1	181.7	184.7	187.8	192.4	192.4	192.4	190.9	190.9
0.0	15°	284.8	301.7	314.1	326.4	337.1	361.8	358.7	354.1	351.0
0.0	17.5°	720.5	797.5	839.0	879.1	920.6	1034.5	1016.1	997.6	980.7
0.0	20°	1867.4	2069.1	2203.0	2337.0	2472.4	2686.4	2634.1	2581.7	2529.4
0.0	22.5°	3995.0	4458.4	4660.1	4861.7	5061.9	5320.5	5152.7	4984.9	4818.6
0.0	25°	6051.8	6653.7	6993.9	7334.2	7672.8	7820.6	7602.0	7381.9	7163.3
0.0	27.5°	8076.2	8756.6	9056.8	9355.5	9655.7	9965.1	9694.2	9421.7	9150.8
0.0	30°	9698.8	10442.4	10767.2	11090.5	11415.4	11630.9	11350.7	11069.0	10788.8
0.0	32.5°	11290.7	12103.5	12459.1	12814.8	13168.8	13478.3	13133.4	12787.0	12442.2
0.0	35°	12850.2	13778.5	14268.0	14757.6	15247.2	15535.0	15125.5	14714.5	14305.0
0.0	37.5°	14753.0	15899.9	16448.0	16996.0	17544.1	18069.0	17618.0	17165.4	16714.3
0.0	40°	18104.5	19722.5	20563.0	21405.1	22245.7	22923.1	22353.5	21783.9	21214.2
0.0	42.5°	23760.6	26069.8	27278.3	28485.3	29693.8	30751.4	30152.5	29553.7	28954.8
0.0	45°	32044.6	35117.4	36590.7	38062.5	39535.8	40308.6	39446.5	38582.8	37720.7
0.0	47.5°	37839.2	40899.8	42211.4	43523.1	44834.7	45716.8	44662.3	43607.7	42554.7
0.0	50°	40474.9	43386.0	44702.3	46017.0	47333.3	48033.8	46816.0	45596.8	44379.0
0.0	52.5°	40984.4	43704.7	45275.0	46846.8	48417.1	49353.1	47915.2	46475.8	45037.9
0.0	55°	41535.6	44419.0	46240.3	48063.0	49884.2	51180.5	49554.8	47927.6	46301.8
0.0	57.5°	42573.2	45690.7	47507.3	49322.3	51138.9	52239.7	50609.4	48977.5	47347.2
0.0	60°	42665.6	45584.4	47145.5	48708.1	50269.1	50961.9	49402.4	47841.3	46281.8
0.0	62.5°	39911.4	42102.1	43185.9	44269.7	45353.5	46106.3	44479.1	42850.3	41223.1
0.0	65°	33313.1	34669.4	35533.1	36396.7	37260.4	38157.9	36667.7	35177.5	33687.2
0.0	67.5°	26396.2	27433.8	28571.5	29709.2	30846.9	31806.0	30612.9	29418.2	28225.1
	70°	21228.1	22627.5	23906.8	25186.1	26465.5	27250.6	26052.9	24853.6	23655.9
	72.5°	16865.2	18347.7	19416.1	20483.0	21551.4	21743.8	20863.2	19982.6	19103.6
	75°	10240.7	11124.4	11145.9	11166.0	11187.5	11370.7	10641.0	9911.3	9183.1
	77.5°	3020.5	3336.1	3596.3	3854.9	4115.1	4429.1	4161.3	3891.8	3624.0
	80°	874.4	954.5	1022.2	1088.4	1156.2	1116.1	1053.0	989.9	926.8
	82.5°	157.0	147.8	146.3	144.7	144.7	137.0	124.7	112.4	100.1
	85°	27.7	26.2	24.6	23.1	21.6	20.0	16.9	15.4	12.3
	87.5°	9.2	7.7	6.2	4.6	4.6	1.5	1.5	1.5	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]



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CATALOG NUMBER: GALN-SA8B-927-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°	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
0.0	0.0	2.5°	87.8	86.2	86.2	86.2	86.2	84.7	84.7	84.7	84.7
0.0	0.0	5°	97.0	97.0	95.4	95.4	93.9	93.9	92.4	92.4	90.8
0.0	0.0	7.5°	113.9	112.4	110.8	109.3	107.8	104.7	103.1	101.6	101.6
0.0	0.0	10°	137.0	133.9	132.4	129.3	127.8	124.7	121.6	118.5	115.5
0.0	0.0	12.5°	180.1	174.0	169.3	163.2	157.0	152.4	146.3	141.6	135.5
0.0	0.0	15°	312.5	297.1	280.2	260.2	238.6	218.6	197.1	184.7	170.9
0.0	0.0	17.5°	799.0	718.9	637.4	571.2	505.0	440.3	374.1	326.4	278.6
0.0	0.0	20°	2033.7	1812.0	1590.3	1371.7	1151.5	932.9	712.8	601.9	491.1
0.0	0.0	22.5°	3827.2	3416.1	3003.6	2604.8	2204.6	1805.8	1407.1	1156.2	906.8
0.0	0.0	25°	5907.0	5389.8	4872.5	4216.7	3559.3	2903.5	2247.7	1839.7	1431.7
0.0	0.0	27.5°	7686.7	7090.9	6495.1	5697.7	4900.2	4102.8	3305.3	2697.2	2090.6
0.0	0.0	30°	9227.7	8587.3	7946.9	7018.6	6090.2	5161.9	4233.6	3473.1	2712.6
0.0	0.0	32.5°	10564.0	9797.3	9030.7	8073.1	7115.5	6158.0	5200.4	4267.5	3334.5
0.0	0.0	35°	12105.0	11210.6	10314.6	9252.4	8188.6	7126.3	6064.1	5011.1	3956.5
0.0	0.0	37.5°	14063.3	12965.6	11866.4	10682.6	9498.7	8316.4	7132.5	5928.6	4724.7
0.0	0.0	40°	17812.0	16395.6	14979.3	13475.2	11969.6	10465.5	8961.4	7483.5	6005.6
0.0	0.0	42.5°	24528.8	22615.2	20701.6	18700.2	16697.4	14696.0	12693.1	10608.7	8522.6
0.0	0.0	45°	32109.2	29735.3	27359.9	25113.8	22866.1	20620.0	18373.9	15513.5	12653.1
0.0	0.0	47.5°	36372.1	33808.8	31245.6	29119.5	26993.5	24867.5	22741.4	19657.8	16574.2
0.0	0.0	50°	37940.8	35331.4	32722.0	30765.3	28807.0	26850.3	24892.1	21803.9	18714.1
0.0	0.0	52.5°	38274.9	35613.1	32951.3	30982.3	29013.3	27045.8	25076.8	22008.6	18940.4
0.0	0.0	55°	38961.5	36105.8	33248.5	31003.9	28759.3	26514.7	24270.1	21152.7	18035.2
0.0	0.0	57.5°	39859.1	36930.9	34002.8	31445.7	28888.6	26333.1	23776.0	20367.5	16959.1
0.0	0.0	60°	39623.5	37075.7	34526.2	31787.5	29047.2	26308.4	23568.1	19819.5	16069.2
0.0	0.0	62.5°	35534.6	33505.6	31475.0	29222.7	26968.9	24716.6	22464.3	18604.8	14745.3
0.0	0.0	65°	29233.5	27752.5	26271.5	24459.5	22646.0	20834.0	19022.0	15561.2	12102.0
0.0	0.0	67.5°	23692.8	22024.0	20353.7	18909.6	17464.0	16020.0	14574.4	11851.0	9127.7
		70°	18823.4	17008.3	15191.7	13781.6	12369.8	10959.7	9549.5	7739.0	5930.1
		72.5°	14948.5	13312.0	11675.5	10171.4	8665.8	7161.7	5656.1	4586.2	3516.2
		75°	7144.8	6490.5	5836.2	5049.5	4262.9	3476.2	2689.5	2223.0	1758.1
		77.5°	2647.9	2295.4	1941.3	1621.1	1300.9	982.2	662.0	606.6	551.1
		80°	685.1	597.3	508.0	444.9	380.3	317.1	254.0	229.4	206.3
		82.5°	78.5	72.4	67.7	64.7	60.0	57.0	52.3	47.7	43.1
		85°	4.6	3.1	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: P1049310

CATALOG NUMBER: GALN-SA8B-927-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	89.3	89.3
0.0	0.0	2.5°	83.1	81.6
0.0	0.0	5°	87.8	86.2
0.0	0.0	7.5°	97.0	93.9
0.0	0.0	10°	106.2	103.1
0.0	0.0	12.5°	120.1	115.5
0.0	0.0	15°	135.5	126.2
0.0	0.0	17.5°	161.6	141.6
0.0	0.0	20°	218.6	167.8
0.0	0.0	22.5°	307.9	209.4
0.0	0.0	25°	452.6	289.4
0.0	0.0	27.5°	629.7	384.9
0.0	0.0	30°	837.5	481.9
0.0	0.0	32.5°	1020.7	574.2
0.0	0.0	35°	1259.3	668.1
0.0	0.0	37.5°	1553.4	788.2
0.0	0.0	40°	2009.0	969.9
0.0	0.0	42.5°	2829.6	1305.5
0.0	0.0	45°	4595.4	2256.9
0.0	0.0	47.5°	7070.9	3733.3
0.0	0.0	50°	8650.4	4764.7
0.0	0.0	52.5°	8779.7	4757.0
0.0	0.0	55°	8014.6	4229.0
0.0	0.0	57.5°	6838.4	3534.7
0.0	0.0	60°	5683.8	2795.7
0.0	0.0	62.5°	4478.4	1930.5
0.0	0.0	65°	3273.0	1365.5
0.0	0.0	67.5°	2350.8	1020.7
		70°	1545.7	782.1
		72.5°	1006.8	637.4
		75°	677.4	528.0
		77.5°	395.7	351.0
		80°	140.1	123.2
		82.5°	26.2	18.5
		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: P1049310

CATALOG NUMBER: GALN-SA8B-927-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: SP1-2407-184-13

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-927-U-5WQ

Data in this report applies to families of products including GSS-SB1A-927-U-5WQ

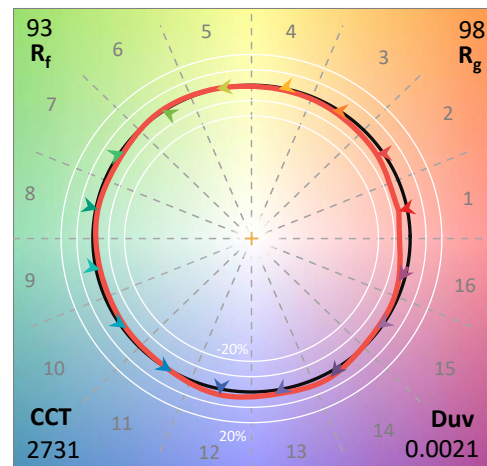
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-13
 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-927-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2731
 CIE u' : 0.2605
 CIE v' : 0.5298
 Duv: 0.0021
 CIE x: 0.4610
 CIE y: 0.4166
 CIE z: 0.1224
 Peak Wavelength (nm): 622
 Dominant Wavelength (nm): 583
 Purity: 63.43685
 R_f: 92.6
 R_g: 98

CRI (Ra): 91.8
 R1: 91.4
 R2: 95.1
 R3: 97.6
 R4: 92.3
 R5: 91.1
 R6: 94.7
 R7: 92.3
 R8: 80.0
 R9: 54.7
 R10: 87.7
 R11: 92.9
 R12: 84.0
 R13: 92.2
 R14: 97.8
 R15: 86.8



Test Conditions

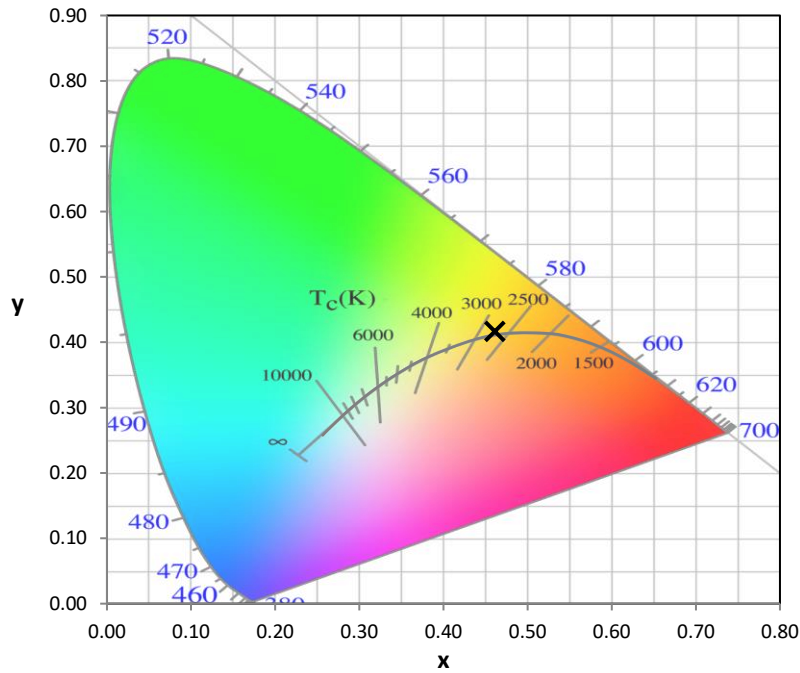
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-13

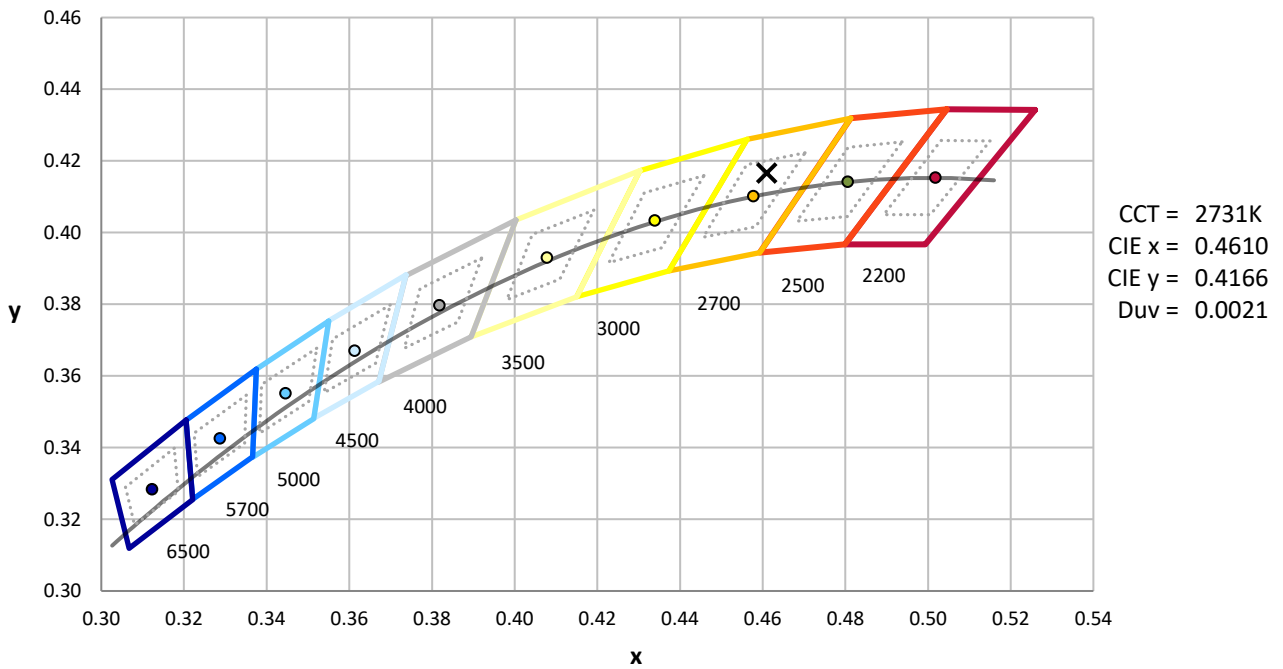
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-13

CIE 1931 Chromaticity Diagram



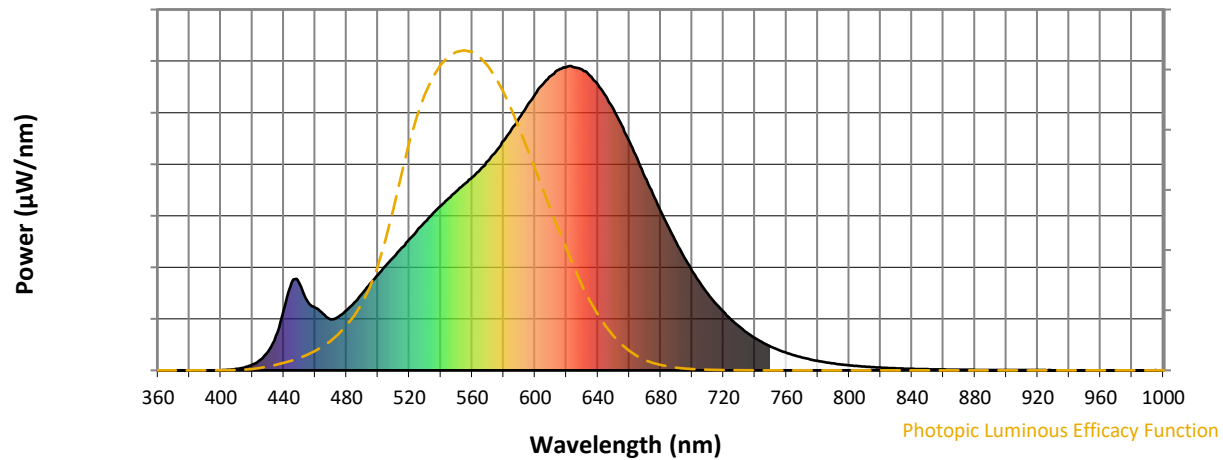
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-13

Photopic Flux vs. Wavelength

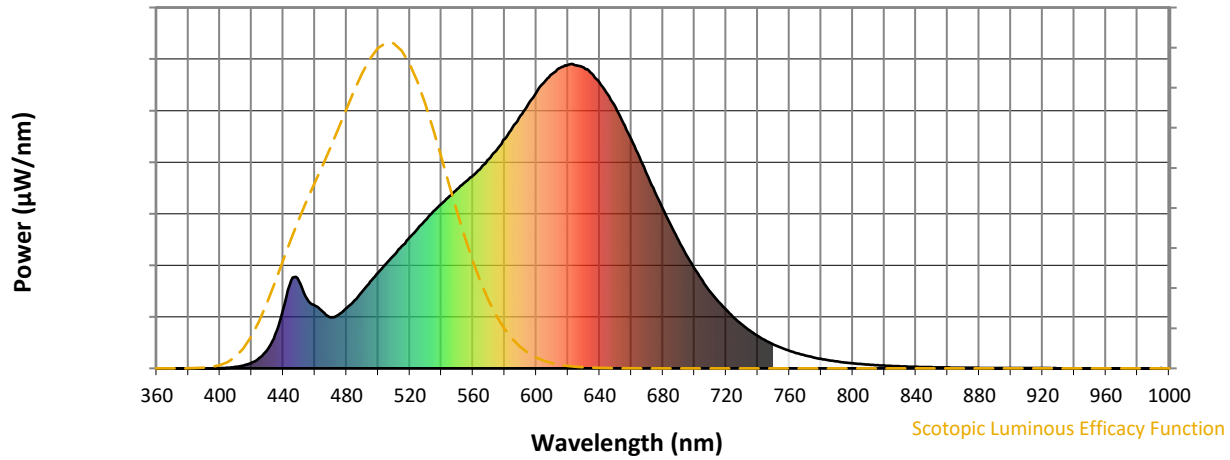


Photopic Lumens: NR

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-13

Scotopic Flux vs. Wavelength



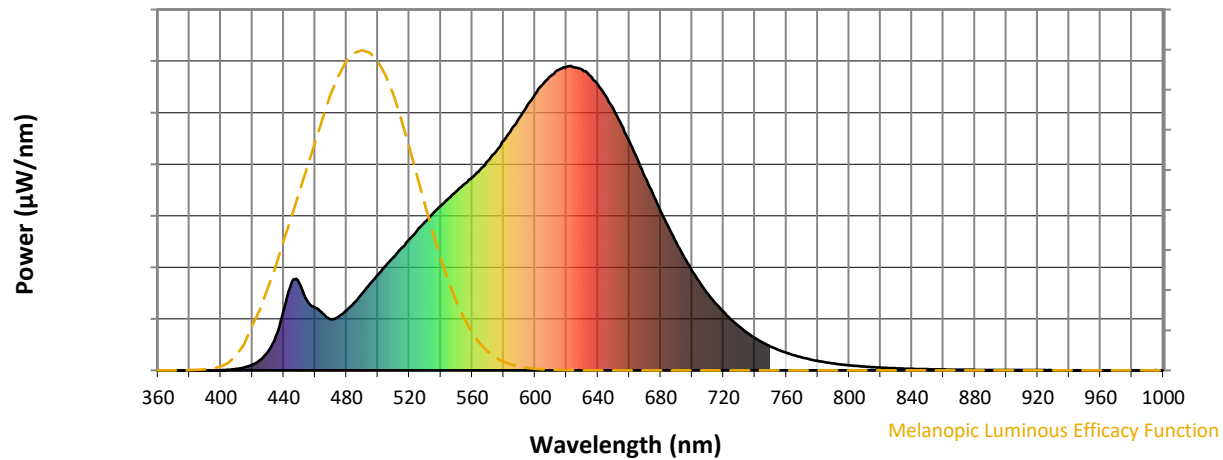
Scotopic Lumens: NR

S/P: 1.27

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.38

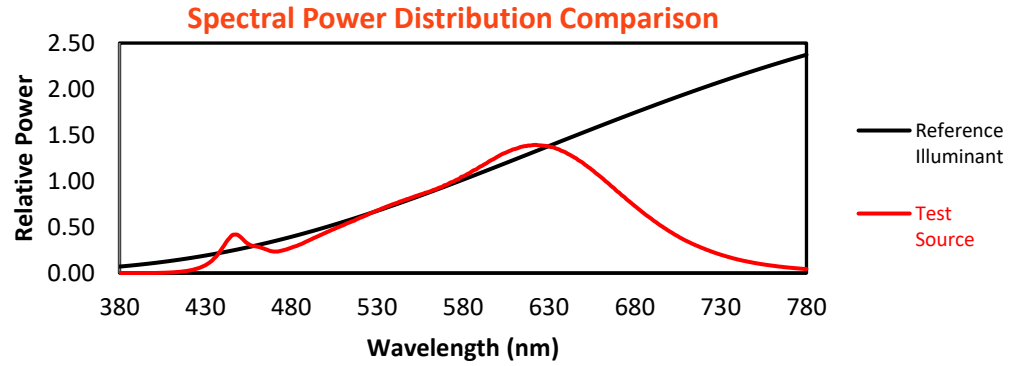
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-13

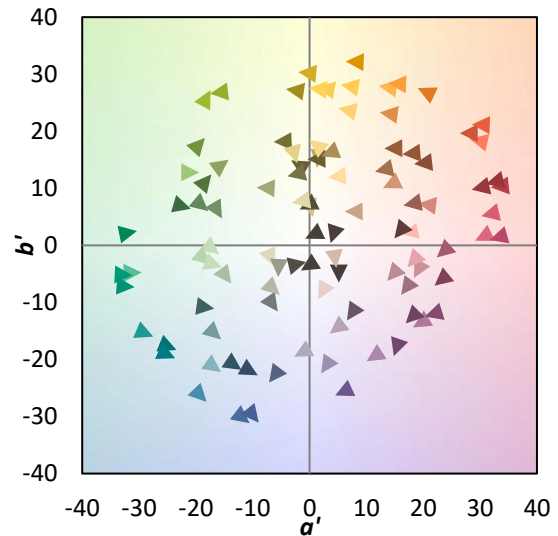
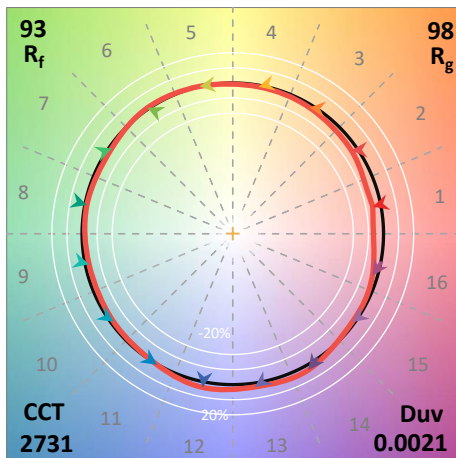
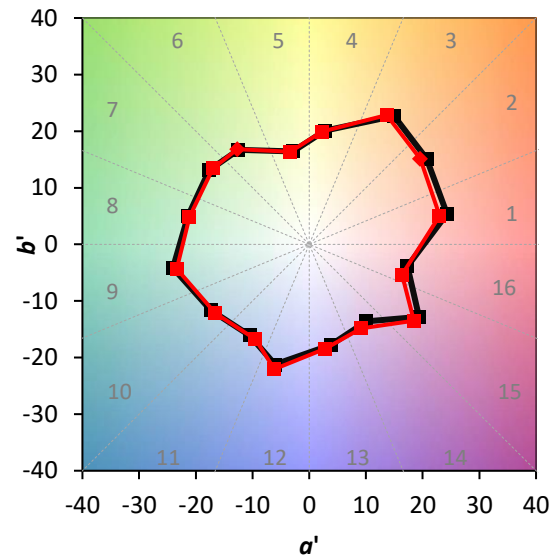
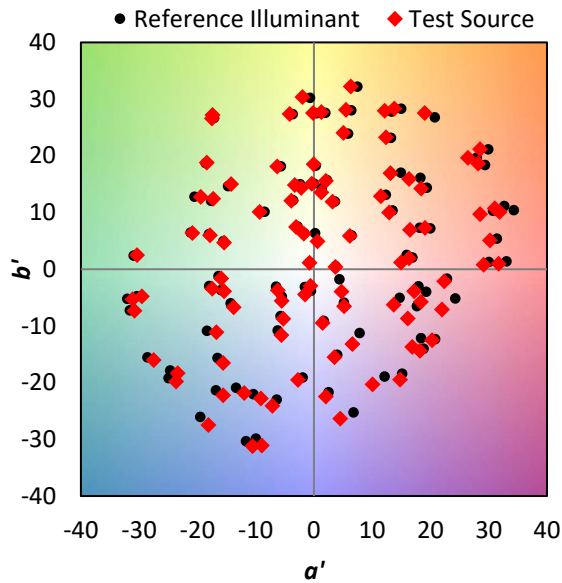
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98$
 $CIE R_a = 91.8$
 $R_9 = 54.7$

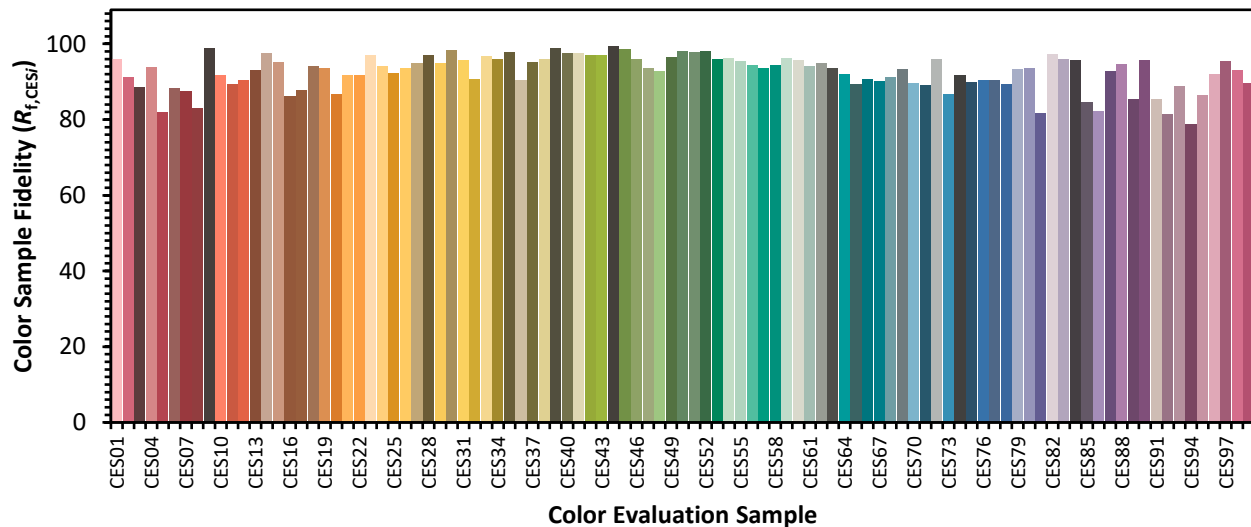


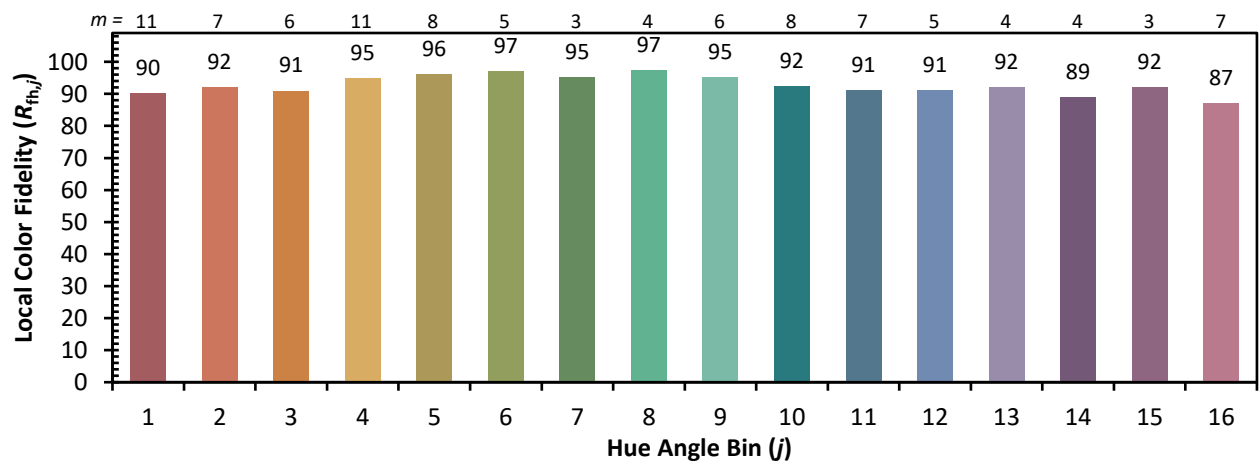
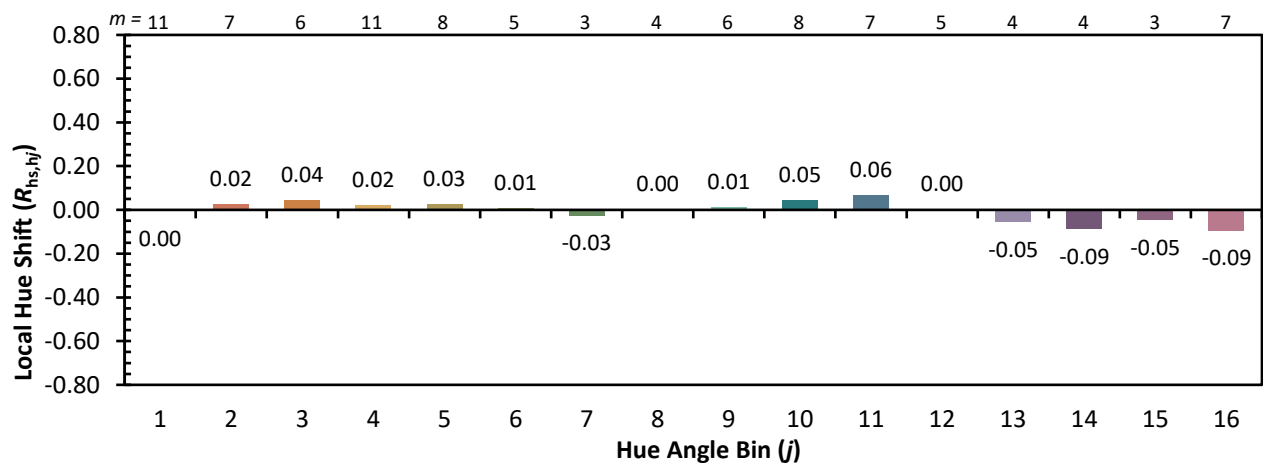
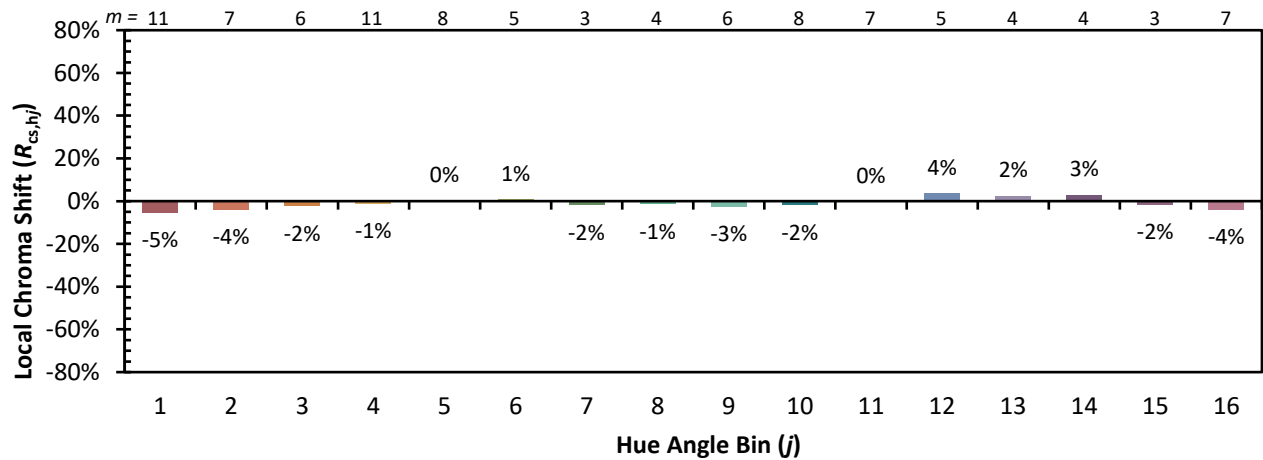
Color Vector Graphics



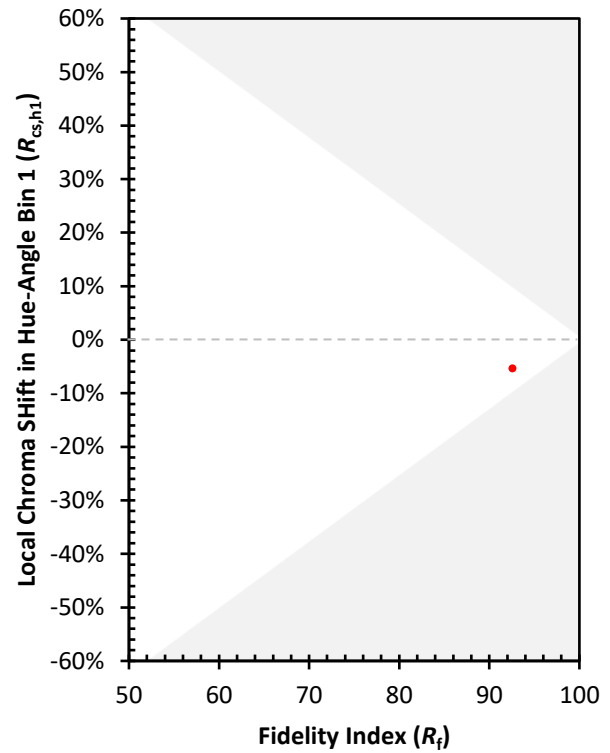
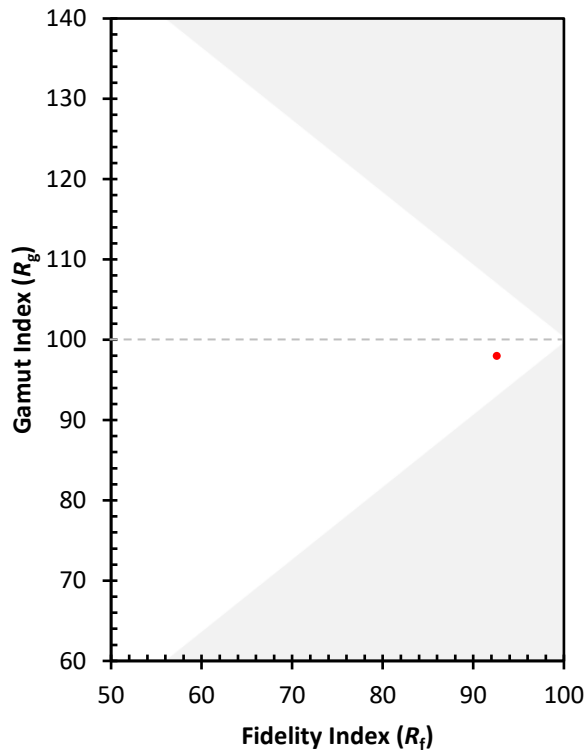
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 43	CES33 = 97	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 96	CES59 = 96	CES84 = 96
CES10 = 77	CES35 = 98	CES60 = 96	CES85 = 85
CES11 = 59	CES36 = 90	CES61 = 94	CES86 = 82
CES12 = 66	CES37 = 95	CES62 = 95	CES87 = 93
CES13 = 44	CES38 = 96	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 91	CES91 = 85
CES17 = 50	CES42 = 97	CES67 = 90	CES92 = 82
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 79
CES20 = 68	CES45 = 99	CES70 = 90	CES95 = 87
CES21 = 87	CES46 = 96	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 94	CES72 = 96	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 87	CES98 = 93
CES24 = 91	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 72	CES50 = 98	CES75 = 90	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)