

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: P1049422

Luminaire Tested: **GALN-SA9B-940-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049422
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9B-940-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE
90CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (126) 4000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 26437.4 lumens
Efficiency: N/A
Efficacy: 84.5 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

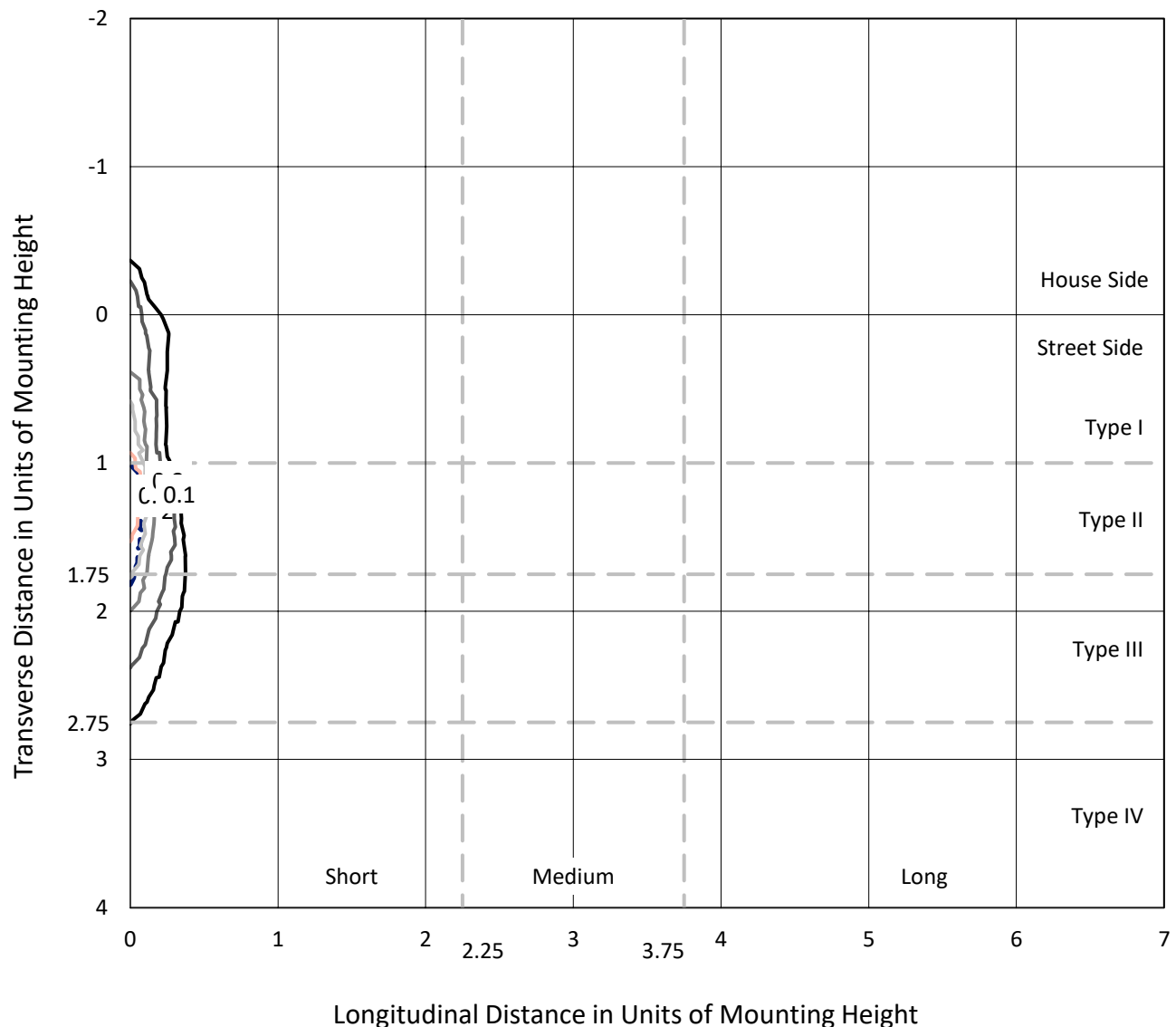
Input Watts (W): 312.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

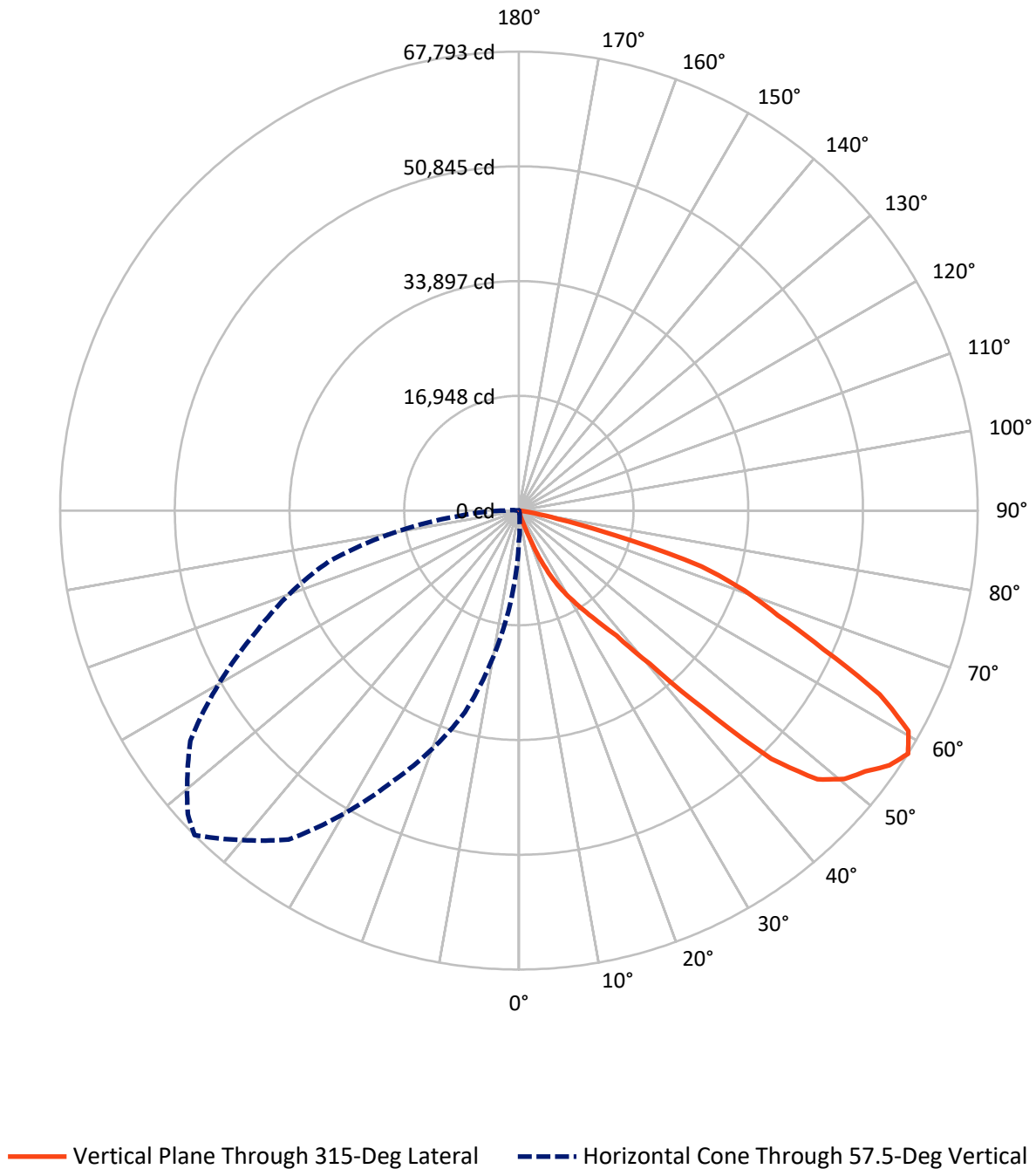
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 3.9 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	132.4	0.0	132.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	26305.0	0.0	26305.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	26437.4	0.0	26437.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.4	0.0
10°-20°	58.1	0.2
20°-30°	626.5	2.4
30°-40°	1852.8	7.0
40°-50°	5521.7	20.9
50°-60°	8755.4	33.1
60°-70°	7308.7	27.6
70°-80°	2253.7	8.5
80°-90°	50.1	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	26437.4	100.0
0°-180°	26437.4	100.0

Coefficient of Utilization



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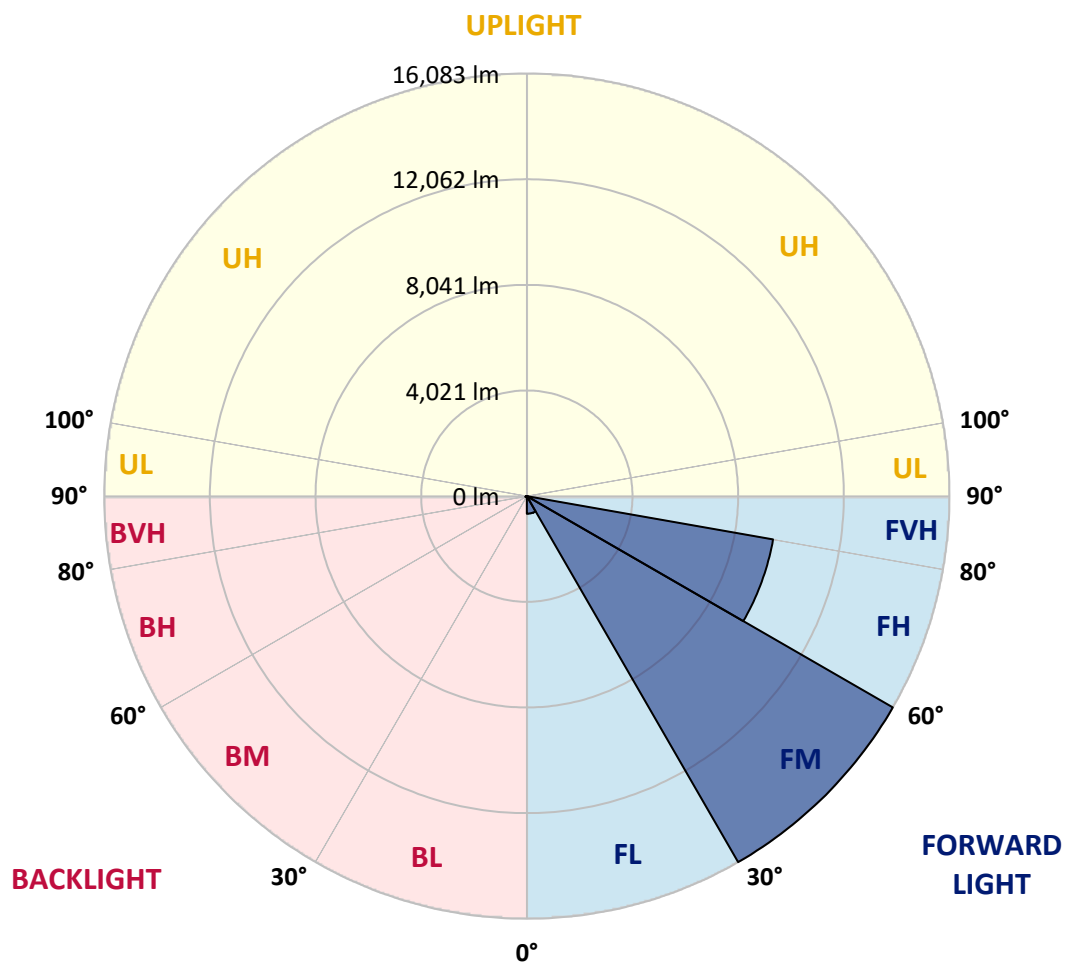
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	670.7	2.5			
FM	(30°-60°)	16082.6	60.8			
FH	(60°-80°)	9513.0	36.0			G4/12000
FVH	(80°-90°)	38.7	0.1			G1/100
BL	(0°-30°)	24.3	0.1	B0/110		
BM	(30°-60°)	47.3	0.2	B0/220		
BH	(60°-80°)	49.4	0.2	B0/110		G0/110
BVH	(80°-90°)	11.4	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°	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9
2.5°	105.9	105.9	105.9	105.9	103.9	103.9	101.9	101.9	99.9	99.9
5°	111.9	111.9	109.9	107.9	107.9	105.9	103.9	101.9	101.9	99.9
7.5°	121.9	119.9	117.9	115.9	111.9	109.9	105.9	103.9	101.9	97.9
10°	133.9	129.9	125.9	121.9	117.9	113.9	109.9	107.9	103.9	101.9
12.5°	149.8	143.8	135.9	129.9	125.9	119.9	115.9	111.9	105.9	101.9
15°	163.8	155.8	145.8	137.9	131.9	123.9	117.9	111.9	107.9	101.9
17.5°	183.8	169.8	153.8	143.8	135.9	125.9	115.9	109.9	103.9	95.9
20°	217.8	189.8	159.8	147.8	135.9	123.9	111.9	103.9	97.9	89.9
22.5°	271.7	223.8	175.8	157.8	141.8	123.9	107.9	99.9	91.9	83.9
25°	375.6	289.7	203.8	179.8	155.8	131.9	107.9	97.9	89.9	79.9
27.5°	499.5	371.6	241.7	207.8	175.8	141.8	107.9	95.9	85.9	73.9
30°	625.3	455.5	283.7	239.7	195.8	151.8	107.9	93.9	81.9	67.9
32.5°	745.2	533.4	319.7	267.7	215.8	161.8	109.9	93.9	77.9	61.9
35°	867.1	597.4	325.6	271.7	217.8	161.8	107.9	89.9	73.9	55.9
37.5°	1022.9	669.3	313.7	259.7	207.8	153.8	101.9	85.9	69.9	51.9
40°	1258.6	789.2	319.7	263.7	207.8	151.8	95.9	79.9	65.9	49.9
42.5°	1694.2	1020.9	345.6	281.7	217.8	151.8	87.9	73.9	61.9	47.9
45°	2928.8	1696.2	463.5	367.6	271.7	175.8	79.9	67.9	57.9	46.0
47.5°	4844.8	2838.9	833.1	643.3	455.5	265.7	77.9	67.9	57.9	46.0
50°	6183.3	3616.1	1048.9	807.1	565.4	323.7	81.9	69.9	59.9	47.9
52.5°	6173.4	3672.0	1168.7	897.0	627.3	355.6	85.9	73.9	63.9	51.9
55°	5488.1	3340.4	1190.7	915.0	641.3	365.6	91.9	79.9	67.9	55.9
57.5°	4587.1	2836.9	1086.8	841.1	597.4	351.6	105.9	91.9	79.9	65.9
60°	3628.1	2237.6	847.1	669.3	493.5	315.7	139.8	121.9	105.9	87.9
62.5°	2505.3	1622.3	739.2	593.4	449.5	303.7	159.8	141.8	125.9	107.9
65°	1772.1	1220.7	667.3	543.4	421.5	297.7	173.8	153.8	135.9	115.9
67.5°	1324.6	971.0	615.3	509.5	403.6	297.7	191.8	167.8	145.8	121.9
70°	1014.9	797.1	577.4	491.5	407.6	321.7	235.7	201.8	169.8	135.9
72.5°	827.1	681.3	533.4	471.5	409.6	347.6	285.7	241.7	197.8	151.8
75°	685.3	583.4	481.5	429.5	379.6	327.6	275.7	235.7	197.8	157.8
77.5°	455.5	415.6	373.6	343.6	313.7	281.7	251.7	217.8	185.8	151.8
80°	159.8	153.8	147.8	159.8	171.8	183.8	195.8	171.8	149.8	125.9
82.5°	24.0	22.0	20.0	22.0	24.0	26.0	28.0	30.0	32.0	34.0
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):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9
0.0	2.5°	97.9	97.9	95.9	95.9	95.9	93.9	93.9	91.9	91.9	91.9
0.0	5°	95.9	95.9	93.9	91.9	89.9	89.9	87.9	85.9	85.9	83.9
0.0	7.5°	93.9	91.9	89.9	87.9	85.9	83.9	81.9	79.9	79.9	77.9
0.0	10°	95.9	91.9	89.9	85.9	83.9	81.9	77.9	75.9	73.9	73.9
0.0	12.5°	91.9	89.9	85.9	81.9	79.9	75.9	73.9	69.9	67.9	67.9
0.0	15°	91.9	87.9	81.9	77.9	73.9	71.9	67.9	63.9	61.9	59.9
0.0	17.5°	85.9	81.9	75.9	71.9	67.9	63.9	59.9	55.9	53.9	51.9
0.0	20°	77.9	73.9	67.9	61.9	57.9	53.9	49.9	46.0	44.0	42.0
0.0	22.5°	69.9	65.9	59.9	53.9	49.9	46.0	40.0	36.0	34.0	30.0
0.0	25°	65.9	59.9	53.9	47.9	42.0	38.0	32.0	26.0	22.0	18.0
0.0	27.5°	55.9	49.9	44.0	38.0	32.0	26.0	20.0	14.0	10.0	8.0
0.0	30°	47.9	42.0	36.0	30.0	22.0	16.0	10.0	2.0	2.0	2.0
0.0	32.5°	40.0	34.0	26.0	20.0	16.0	10.0	6.0	0.0	0.0	0.0
0.0	35°	32.0	26.0	18.0	12.0	10.0	6.0	4.0	0.0	0.0	0.0
0.0	37.5°	28.0	22.0	14.0	6.0	4.0	4.0	2.0	0.0	0.0	0.0
0.0	40°	26.0	18.0	10.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0
0.0	42.5°	26.0	18.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	26.0	18.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	26.0	18.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	28.0	20.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	32.0	24.0	16.0	8.0	6.0	4.0	2.0	0.0	0.0	0.0
0.0	55°	40.0	36.0	30.0	26.0	20.0	14.0	6.0	0.0	0.0	0.0
0.0	57.5°	51.9	51.9	49.9	47.9	36.0	24.0	12.0	0.0	0.0	0.0
0.0	60°	69.9	69.9	69.9	69.9	51.9	36.0	18.0	0.0	0.0	0.0
0.0	62.5°	85.9	81.9	75.9	71.9	53.9	36.0	18.0	0.0	0.0	0.0
0.0	65°	85.9	77.9	67.9	57.9	44.0	30.0	14.0	0.0	0.0	0.0
0.0	67.5°	79.9	63.9	46.0	30.0	22.0	16.0	8.0	0.0	0.0	0.0
	70°	79.9	55.9	32.0	8.0	6.0	4.0	2.0	0.0	0.0	0.0
	72.5°	79.9	53.9	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	87.9	59.9	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	87.9	59.9	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	77.9	51.9	26.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	26.0	18.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

[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°	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9
0.0	2.5°	89.9	89.9	89.9	87.9	87.9	87.9	87.9	85.9	85.9	85.9
0.0	5°	81.9	81.9	79.9	79.9	77.9	77.9	75.9	75.9	73.9	73.9
0.0	7.5°	75.9	73.9	73.9	71.9	69.9	69.9	67.9	67.9	65.9	63.9
0.0	10°	69.9	67.9	67.9	65.9	63.9	61.9	61.9	59.9	57.9	55.9
0.0	12.5°	63.9	61.9	59.9	57.9	55.9	53.9	53.9	51.9	49.9	47.9
0.0	15°	55.9	53.9	51.9	49.9	47.9	46.0	46.0	44.0	42.0	40.0
0.0	17.5°	47.9	46.0	46.0	44.0	42.0	40.0	38.0	34.0	32.0	30.0
0.0	20°	36.0	34.0	32.0	30.0	28.0	24.0	22.0	18.0	14.0	12.0
0.0	22.5°	24.0	20.0	18.0	14.0	10.0	8.0	6.0	2.0	0.0	0.0
0.0	25°	8.0	6.0	4.0	2.0	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: P1049422

CATALOG NUMBER: GALN-SA9B-940-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049422

CATALOG NUMBER: GALN-SA9B-940-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9
0.0	2.5°	83.9	83.9	83.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
0.0	5°	71.9	71.9	71.9	69.9	69.9	67.9	67.9	67.9	65.9	65.9
0.0	7.5°	61.9	59.9	59.9	57.9	57.9	55.9	55.9	55.9	53.9	53.9
0.0	10°	51.9	49.9	49.9	47.9	47.9	46.0	46.0	44.0	44.0	42.0
0.0	12.5°	46.0	44.0	42.0	40.0	40.0	38.0	36.0	36.0	34.0	32.0
0.0	15°	36.0	34.0	32.0	30.0	28.0	26.0	24.0	24.0	22.0	20.0
0.0	17.5°	24.0	20.0	18.0	16.0	16.0	14.0	12.0	10.0	8.0	6.0
0.0	20°	6.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA9B-940-U-RBC

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CATALOG NUMBER: GALN-SA9B-940-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°	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9
0.0	2.5°	81.9	79.9	79.9	79.9	81.9	81.9	81.9	81.9	81.9	81.9
0.0	5°	65.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
0.0	7.5°	53.9	51.9	51.9	51.9	51.9	49.9	49.9	49.9	49.9	49.9
0.0	10°	42.0	40.0	40.0	40.0	40.0	38.0	38.0	38.0	38.0	38.0
0.0	12.5°	30.0	30.0	28.0	28.0	28.0	26.0	26.0	26.0	26.0	24.0
0.0	15°	18.0	16.0	14.0	14.0	14.0	12.0	12.0	12.0	12.0	10.0
0.0	17.5°	4.0	4.0	2.0	2.0	2.0	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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CATALOG NUMBER: GALN-SA9B-940-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9
0.0	2.5°	83.9	83.9	85.9	85.9	87.9	91.9	93.9	95.9	99.9	103.9
0.0	5°	65.9	67.9	67.9	69.9	71.9	73.9	75.9	77.9	81.9	85.9
0.0	7.5°	51.9	51.9	53.9	53.9	55.9	59.9	61.9	63.9	67.9	73.9
0.0	10°	40.0	40.0	42.0	42.0	44.0	47.9	49.9	51.9	55.9	61.9
0.0	12.5°	26.0	28.0	28.0	30.0	32.0	36.0	38.0	40.0	44.0	47.9
0.0	15°	12.0	14.0	14.0	16.0	18.0	22.0	24.0	26.0	30.0	36.0
0.0	17.5°	2.0	2.0	4.0	4.0	6.0	8.0	10.0	12.0	18.0	22.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	8.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
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: P1049422

CATALOG NUMBER: GALN-SA9B-940-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°	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9
0.0	2.5°	109.9	113.9	117.9	121.9	125.9	129.9	131.9	135.9	137.9	139.8
0.0	5°	93.9	97.9	103.9	107.9	111.9	115.9	119.9	121.9	123.9	125.9
0.0	7.5°	81.9	85.9	91.9	95.9	99.9	103.9	107.9	111.9	113.9	115.9
0.0	10°	69.9	75.9	79.9	85.9	89.9	93.9	97.9	101.9	105.9	107.9
0.0	12.5°	55.9	61.9	67.9	71.9	77.9	83.9	87.9	91.9	95.9	99.9
0.0	15°	44.0	49.9	55.9	59.9	65.9	71.9	77.9	81.9	85.9	89.9
0.0	17.5°	32.0	38.0	44.0	47.9	53.9	59.9	63.9	69.9	73.9	77.9
0.0	20°	16.0	22.0	28.0	34.0	40.0	46.0	49.9	55.9	59.9	63.9
0.0	22.5°	2.0	8.0	14.0	18.0	24.0	30.0	34.0	40.0	44.0	47.9
0.0	25°	0.0	2.0	6.0	8.0	10.0	14.0	18.0	22.0	26.0	30.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.0	4.0	8.0	12.0	16.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0
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	2.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	4.0
	85°	0.0	0.0	0.0	0.0	0.0	4.0	6.0	10.0	12.0	14.0
	87.5°	0.0	2.0	4.0	6.0	8.0	12.0	16.0	20.0	22.0	24.0
	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: P1049422

CATALOG NUMBER: GALN-SA9B-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
115.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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REPORT NUMBER: P1049422

CATALOG NUMBER: GALN-SA9B-940-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9
0.0	2.5°	141.8	141.8	141.8	141.8	139.8	139.8	139.8	137.9	137.9	135.9
0.0	5°	129.9	131.9	131.9	131.9	131.9	131.9	131.9	131.9	129.9	129.9
0.0	7.5°	119.9	121.9	123.9	123.9	125.9	125.9	125.9	123.9	123.9	121.9
0.0	10°	113.9	115.9	115.9	117.9	117.9	117.9	117.9	117.9	117.9	117.9
0.0	12.5°	105.9	107.9	109.9	109.9	111.9	111.9	111.9	111.9	109.9	109.9
0.0	15°	95.9	99.9	101.9	103.9	103.9	105.9	105.9	105.9	105.9	105.9
0.0	17.5°	87.9	91.9	93.9	95.9	95.9	97.9	97.9	99.9	99.9	99.9
0.0	20°	71.9	75.9	77.9	81.9	83.9	85.9	87.9	89.9	89.9	91.9
0.0	22.5°	55.9	59.9	61.9	65.9	67.9	69.9	71.9	73.9	75.9	77.9
0.0	25°	40.0	44.0	46.0	49.9	51.9	53.9	55.9	57.9	57.9	59.9
0.0	27.5°	22.0	26.0	30.0	32.0	36.0	38.0	40.0	42.0	44.0	46.0
0.0	30°	10.0	12.0	14.0	18.0	20.0	22.0	24.0	28.0	30.0	32.0
0.0	32.5°	0.0	0.0	2.0	6.0	8.0	10.0	12.0	14.0	14.0	16.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.0	4.0	6.0	8.0
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°	4.0	4.0	4.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
	82.5°	10.0	12.0	14.0	14.0	16.0	16.0	16.0	16.0	14.0	14.0
	85°	20.0	22.0	24.0	24.0	26.0	26.0	26.0	26.0	26.0	26.0
	87.5°	28.0	30.0	32.0	32.0	34.0	34.0	34.0	34.0	34.0	34.0
	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: P1049422

CATALOG NUMBER: GALN-SA9B-940-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
115.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	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
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REPORT NUMBER: P1049422

CATALOG NUMBER: GALN-SA9B-940-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°	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9
0.0	2.5°	133.9	133.9	131.9	131.9	131.9	131.9	131.9	133.9	135.9	135.9
0.0	5°	127.9	127.9	125.9	125.9	125.9	127.9	127.9	129.9	131.9	133.9
0.0	7.5°	121.9	119.9	119.9	121.9	121.9	123.9	123.9	125.9	127.9	129.9
0.0	10°	117.9	115.9	115.9	115.9	117.9	117.9	119.9	121.9	123.9	125.9
0.0	12.5°	109.9	109.9	109.9	109.9	111.9	111.9	113.9	115.9	119.9	121.9
0.0	15°	105.9	103.9	103.9	103.9	103.9	105.9	105.9	109.9	113.9	115.9
0.0	17.5°	97.9	97.9	95.9	95.9	97.9	97.9	99.9	103.9	107.9	109.9
0.0	20°	89.9	87.9	85.9	85.9	87.9	87.9	89.9	93.9	97.9	99.9
0.0	22.5°	77.9	75.9	75.9	75.9	75.9	77.9	77.9	81.9	87.9	91.9
0.0	25°	61.9	63.9	63.9	65.9	65.9	67.9	69.9	73.9	79.9	83.9
0.0	27.5°	47.9	49.9	49.9	53.9	55.9	57.9	59.9	65.9	71.9	75.9
0.0	30°	36.0	38.0	40.0	42.0	46.0	49.9	53.9	59.9	65.9	69.9
0.0	32.5°	22.0	26.0	28.0	32.0	36.0	40.0	44.0	49.9	57.9	63.9
0.0	35°	16.0	18.0	22.0	24.0	28.0	32.0	36.0	44.0	49.9	57.9
0.0	37.5°	8.0	12.0	16.0	20.0	24.0	28.0	32.0	40.0	47.9	53.9
0.0	40°	6.0	10.0	12.0	16.0	22.0	26.0	30.0	38.0	46.0	53.9
0.0	42.5°	4.0	6.0	8.0	14.0	18.0	24.0	30.0	38.0	46.0	53.9
0.0	45°	4.0	4.0	6.0	12.0	18.0	26.0	32.0	40.0	46.0	53.9
0.0	47.5°	4.0	6.0	8.0	16.0	20.0	26.0	32.0	38.0	46.0	51.9
0.0	50°	6.0	8.0	10.0	18.0	22.0	28.0	32.0	40.0	46.0	53.9
0.0	52.5°	4.0	6.0	8.0	16.0	22.0	30.0	36.0	44.0	51.9	57.9
0.0	55°	2.0	2.0	2.0	12.0	24.0	34.0	46.0	51.9	59.9	65.9
0.0	57.5°	0.0	0.0	0.0	8.0	24.0	38.0	51.9	59.9	67.9	73.9
0.0	60°	0.0	0.0	0.0	8.0	24.0	38.0	51.9	61.9	71.9	81.9
0.0	62.5°	0.0	0.0	0.0	8.0	20.0	32.0	44.0	59.9	77.9	93.9
0.0	65°	0.0	0.0	0.0	6.0	16.0	26.0	36.0	59.9	83.9	105.9
0.0	67.5°	0.0	0.0	0.0	6.0	16.0	24.0	34.0	59.9	83.9	109.9
	70°	0.0	0.0	0.0	6.0	16.0	26.0	36.0	59.9	83.9	107.9
	72.5°	0.0	0.0	0.0	6.0	18.0	28.0	40.0	59.9	79.9	99.9
	75°	0.0	0.0	0.0	8.0	18.0	30.0	42.0	59.9	77.9	93.9
	77.5°	0.0	0.0	0.0	6.0	18.0	28.0	40.0	57.9	75.9	91.9
	80°	6.0	4.0	4.0	10.0	18.0	26.0	34.0	51.9	71.9	89.9
	82.5°	12.0	12.0	10.0	14.0	18.0	24.0	30.0	46.0	63.9	79.9
	85°	24.0	24.0	22.0	24.0	24.0	26.0	28.0	36.0	44.0	51.9
	87.5°	32.0	32.0	30.0	30.0	30.0	28.0	28.0	28.0	28.0	26.0
	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: P1049422

CATALOG NUMBER: GALN-SA9B-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
115.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.9											
119.9											
111.9											
109.9											
107.9											
95.9											
59.9											
26.0											
0.0											
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REPORT NUMBER: P1049422

CATALOG NUMBER: GALN-SA9B-940-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9
0.0	2.5°	139.8	141.8	141.8	143.8	145.8	147.8	147.8	149.8	149.8	149.8
0.0	5°	137.9	141.8	143.8	145.8	147.8	149.8	151.8	153.8	155.8	155.8
0.0	7.5°	135.9	137.9	141.8	143.8	147.8	149.8	153.8	155.8	157.8	159.8
0.0	10°	131.9	135.9	139.8	143.8	147.8	151.8	155.8	159.8	163.8	165.8
0.0	12.5°	127.9	133.9	137.9	141.8	147.8	153.8	157.8	163.8	167.8	171.8
0.0	15°	125.9	129.9	135.9	139.8	147.8	155.8	161.8	169.8	177.8	183.8
0.0	17.5°	119.9	127.9	133.9	139.8	147.8	157.8	165.8	173.8	185.8	197.8
0.0	20°	111.9	117.9	125.9	131.9	143.8	153.8	165.8	175.8	193.8	211.8
0.0	22.5°	103.9	111.9	117.9	125.9	139.8	151.8	165.8	177.8	207.8	235.7
0.0	25°	95.9	105.9	113.9	121.9	137.9	153.8	169.8	185.8	235.7	285.7
0.0	27.5°	91.9	99.9	109.9	117.9	137.9	159.8	179.8	199.8	279.7	357.6
0.0	30°	85.9	95.9	103.9	113.9	139.8	165.8	191.8	217.8	339.6	461.5
0.0	32.5°	79.9	89.9	99.9	109.9	143.8	177.8	209.8	243.7	403.6	561.4
0.0	35°	73.9	85.9	95.9	105.9	149.8	195.8	239.7	283.7	461.5	637.3
0.0	37.5°	71.9	83.9	93.9	103.9	151.8	197.8	245.7	291.7	467.5	643.3
0.0	40°	73.9	83.9	95.9	105.9	145.8	185.8	223.8	263.7	447.5	629.3
0.0	42.5°	73.9	85.9	97.9	109.9	141.8	173.8	205.8	237.7	441.5	645.3
0.0	45°	71.9	83.9	95.9	107.9	137.9	165.8	195.8	223.8	477.5	729.2
0.0	47.5°	69.9	81.9	93.9	105.9	135.9	165.8	195.8	225.8	617.3	1006.9
0.0	50°	69.9	81.9	91.9	101.9	137.9	175.8	211.8	247.7	899.0	1548.3
0.0	52.5°	73.9	83.9	91.9	99.9	141.8	185.8	227.8	269.7	1142.8	2013.8
0.0	55°	79.9	85.9	93.9	99.9	151.8	201.8	253.7	303.7	1216.7	2129.7
0.0	57.5°	87.9	93.9	99.9	105.9	169.8	233.7	295.7	359.6	1222.7	2083.8
0.0	60°	97.9	105.9	111.9	117.9	185.8	255.7	323.7	391.6	1106.8	1820.0
0.0	62.5°	119.9	129.9	137.9	147.8	213.8	277.7	343.6	407.6	919.0	1430.5
0.0	65°	137.9	145.8	153.8	161.8	225.8	291.7	355.6	419.5	779.2	1138.8
0.0	67.5°	141.8	149.8	155.8	163.8	229.8	295.7	359.6	425.5	667.3	907.0
	70°	143.8	153.8	165.8	175.8	243.7	311.7	377.6	445.5	591.4	737.2
	72.5°	137.9	157.8	175.8	193.8	257.7	319.7	383.6	445.5	549.4	653.3
	75°	137.9	165.8	191.8	217.8	265.7	311.7	359.6	405.6	485.5	565.4
	77.5°	145.8	181.8	217.8	253.7	281.7	307.7	335.6	361.6	413.6	465.5
	80°	145.8	183.8	219.8	257.7	269.7	283.7	295.7	307.7	313.7	319.7
	82.5°	125.9	155.8	185.8	215.8	201.8	187.8	173.8	159.8	149.8	137.9
	85°	63.9	69.9	73.9	77.9	71.9	65.9	59.9	53.9	49.9	44.0
	87.5°	26.0	26.0	24.0	24.0	24.0	24.0	22.0	22.0	22.0	22.0
	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: P1049422

CATALOG NUMBER: GALN-SA9B-940-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
115.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
213.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
245.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
313.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
425.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
591.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
801.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1136.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1238.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1340.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1540.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1939.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2956.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4529.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5701.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5831.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5262.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4499.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3516.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2657.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1388.5											
1032.9											
751.2											
565.4											
317.7											
143.8											
42.0											
20.0											
0.0											
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REPORT NUMBER: P1049422

CATALOG NUMBER: GALN-SA9B-940-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°	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9
0.0	2.5°	149.8	147.8	147.8	145.8	143.8	141.8	139.8	137.9	135.9	133.9
0.0	5°	155.8	155.8	155.8	153.8	153.8	151.8	151.8	149.8	147.8	145.8
0.0	7.5°	161.8	163.8	163.8	165.8	165.8	165.8	165.8	163.8	163.8	163.8
0.0	10°	171.8	173.8	175.8	177.8	179.8	181.8	181.8	183.8	183.8	183.8
0.0	12.5°	183.8	189.8	193.8	199.8	203.8	209.8	213.8	219.8	223.8	227.8
0.0	15°	201.8	211.8	223.8	233.7	243.7	257.7	273.7	287.7	301.7	323.7
0.0	17.5°	227.8	259.7	291.7	321.7	353.6	423.5	493.5	561.4	631.3	733.2
0.0	20°	277.7	373.6	467.5	563.4	657.3	903.0	1146.8	1392.5	1636.2	1898.0
0.0	22.5°	389.6	625.3	861.1	1096.8	1332.6	1846.0	2357.5	2870.9	3382.4	3983.7
0.0	25°	565.4	998.9	1432.5	1864.0	2297.5	3100.7	3905.8	4708.9	5512.1	6293.2
0.0	27.5°	823.1	1486.4	2149.7	2811.0	3474.3	4563.1	5653.9	6742.7	7831.6	8714.6
0.0	30°	1140.8	2039.8	2938.8	3837.9	4736.9	5975.6	7214.2	8450.9	9689.6	10654.5
0.0	32.5°	1440.4	2541.3	3642.1	4740.9	5841.7	7252.2	8664.7	10075.2	11485.6	12540.5
0.0	35°	1636.2	2966.8	4299.4	5629.9	6960.5	8486.9	10013.2	11537.6	13063.9	14268.6
0.0	37.5°	1832.0	3368.4	4902.7	6439.1	7973.4	9649.6	11325.8	13002.0	14678.2	16166.6
0.0	40°	2051.8	3853.9	5653.9	7456.0	9256.0	11241.9	13225.8	15211.6	17195.5	19295.2
0.0	42.5°	2433.4	4659.0	6886.6	9112.2	11337.8	13965.0	16592.1	19217.3	21844.5	24841.3
0.0	45°	3150.6	6287.2	9425.9	12562.5	15699.1	19179.4	22661.6	26141.9	29622.1	33609.8
0.0	47.5°	4906.7	9222.1	13535.4	17850.8	22164.1	25922.1	29678.0	33436.0	37192.0	41163.7
0.0	50°	7507.9	12530.5	17553.1	22573.7	27596.3	30996.6	34395.0	37795.3	41193.6	44971.6
0.0	52.5°	9389.9	14622.3	19856.6	25089.0	30321.4	33390.1	36460.7	39529.4	42598.1	46128.3
0.0	55°	9531.7	14734.1	19938.5	25140.9	30343.3	33426.0	36508.7	39591.4	42674.1	46416.0
0.0	57.5°	8438.9	13599.4	18757.8	23918.2	29076.7	32586.9	36095.1	39605.4	43113.6	47159.2
0.0	60°	7178.3	12340.7	17501.2	22663.6	27824.0	31867.7	35913.3	39957.0	44000.6	47790.5
0.0	62.5°	5600.0	10910.3	16222.5	21532.8	26843.1	30948.7	35054.3	39157.8	43263.4	46106.4
0.0	65°	4173.5	9330.0	14486.4	19640.9	24797.3	28085.8	31374.2	34660.7	37949.1	39709.2
0.0	67.5°	3016.8	7464.0	11909.2	16356.4	20801.6	23155.1	25508.5	27860.0	30213.5	31560.0
	70°	2039.8	5120.5	8199.2	11279.9	14358.5	16292.5	18228.4	20162.3	22096.2	23914.3
	72.5°	1412.5	3142.6	4874.8	6604.9	8335.0	10280.9	12224.8	14170.7	16114.7	18038.6
	75°	937.0	1724.1	2513.3	3300.4	4087.6	5528.0	6970.5	8410.9	9851.4	10998.2
	77.5°	665.3	901.0	1138.8	1374.5	1610.3	1880.0	2151.7	2421.4	2691.1	3100.7
	80°	315.7	345.6	375.6	403.6	433.5	531.4	629.3	727.2	825.1	929.0
	82.5°	149.8	161.8	173.8	183.8	195.8	205.8	215.8	225.8	235.7	225.8
	85°	40.0	40.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	40.0
	87.5°	18.0	18.0	18.0	18.0	18.0	18.0	18.0	16.0	16.0	14.0
	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°
115.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
229.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
347.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
833.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2161.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4585.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7074.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9597.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11621.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13597.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15473.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17657.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21395.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27838.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37597.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45135.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48749.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49658.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50160.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51204.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51578.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48951.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41471.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32908.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25730.3											
19962.5											
12144.9											
3510.2											
1032.9											
213.8											
38.0											
14.0											
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°	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9
0.0	2.5°	129.9	127.9	125.9	123.9	121.9	117.9	117.9	115.9	115.9
0.0	5°	141.8	139.8	137.9	135.9	135.9	133.9	131.9	131.9	129.9
0.0	7.5°	161.8	159.8	157.8	155.8	155.8	153.8	153.8	151.8	151.8
0.0	10°	185.8	185.8	185.8	185.8	185.8	183.8	183.8	183.8	181.8
0.0	12.5°	233.7	235.7	239.7	243.7	249.7	249.7	249.7	247.7	247.7
0.0	15°	369.6	391.6	407.6	423.5	437.5	469.5	465.5	459.5	455.5
0.0	17.5°	935.0	1034.9	1088.8	1140.8	1194.7	1342.6	1318.6	1294.6	1272.6
0.0	20°	2423.4	2685.1	2858.9	3032.7	3208.5	3486.2	3418.3	3350.4	3282.5
0.0	22.5°	5184.4	5785.8	6047.5	6309.2	6568.9	6904.6	6686.8	6469.0	6253.3
0.0	25°	7853.5	8634.7	9076.2	9517.8	9957.3	10149.1	9865.4	9579.7	9296.0
0.0	27.5°	10480.7	11363.8	11753.3	12140.9	12530.5	12932.1	12580.5	12226.8	11875.2
0.0	30°	12586.4	13551.4	13973.0	14392.5	14814.1	15093.7	14730.1	14364.5	14000.9
0.0	32.5°	14652.2	15707.1	16168.6	16630.1	17089.6	17491.2	17043.7	16594.1	16146.6
0.0	35°	16676.0	17880.7	18516.1	19151.4	19786.7	20160.3	19628.9	19095.4	18564.0
0.0	37.5°	19145.4	20633.8	21345.0	22056.3	22767.5	23448.8	22863.4	22276.0	21690.6
0.0	40°	23494.7	25594.4	26685.3	27778.1	28868.9	29748.0	29008.8	28269.6	27530.4
0.0	42.5°	30834.8	33831.6	35399.9	36966.2	38534.5	39907.0	39129.9	38352.7	37575.5
0.0	45°	41585.2	45572.9	47484.9	49394.8	51306.8	52309.7	51190.9	50070.1	48951.3
0.0	47.5°	49105.1	53076.9	54779.0	56481.2	58183.4	59328.1	57959.6	56591.1	55224.5
0.0	50°	52525.4	56303.4	58011.5	59717.7	61425.9	62334.9	60754.6	59172.3	57592.0
0.0	52.5°	53186.7	56716.9	58754.7	60794.5	62832.4	64047.0	62181.1	60313.1	58447.1
0.0	55°	53902.0	57643.9	60007.4	62372.8	64736.3	66418.5	64308.8	62197.0	60087.3
0.0	57.5°	55248.5	59294.2	61651.6	64007.1	66364.5	67793.0	65677.3	63559.6	61443.8
0.0	60°	55368.4	59156.3	61182.1	63209.9	65235.8	66134.8	64111.0	62085.2	60061.3
0.0	62.5°	51794.2	54637.2	56043.7	57450.1	58856.6	59833.6	57721.9	55608.1	53496.4
0.0	65°	43231.5	44991.6	46112.4	47233.1	48353.9	49518.7	47584.8	45650.9	43716.9
0.0	67.5°	34255.1	35601.7	37078.1	38554.5	40030.9	41275.6	39727.2	38176.9	36628.6
	70°	27548.3	29364.4	31024.6	32684.8	34345.0	35363.9	33809.6	32253.3	30698.9
	72.5°	21886.4	23810.4	25196.9	26581.4	27967.9	28217.6	27074.9	25932.1	24791.3
	75°	13289.7	14436.5	14464.4	14490.4	14518.4	14756.1	13809.1	12862.2	11917.2
	77.5°	3919.8	4329.3	4667.0	5002.6	5340.3	5747.8	5400.2	5050.6	4702.9
	80°	1134.8	1238.7	1326.6	1412.5	1500.4	1448.4	1366.5	1284.6	1202.7
	82.5°	203.8	191.8	189.8	187.8	187.8	177.8	161.8	145.8	129.9
	85°	36.0	34.0	32.0	30.0	28.0	26.0	22.0	20.0	16.0
	87.5°	12.0	10.0	8.0	6.0	6.0	2.0	2.0	2.0	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):

[illegible]

REPORT NUMBER: P1049422

CATALOG NUMBER: GALN-SA9B-940-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°	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9	115.9
0.0	0.0	2.5°	113.9	111.9	111.9	111.9	111.9	109.9	109.9	109.9	109.9
0.0	0.0	5°	125.9	125.9	123.9	123.9	121.9	121.9	119.9	119.9	117.9
0.0	0.0	7.5°	147.8	145.8	143.8	141.8	139.8	135.9	133.9	131.9	131.9
0.0	0.0	10°	177.8	173.8	171.8	167.8	165.8	161.8	157.8	153.8	149.8
0.0	0.0	12.5°	233.7	225.8	219.8	211.8	203.8	197.8	189.8	183.8	175.8
0.0	0.0	15°	405.6	385.6	363.6	337.6	309.7	283.7	255.7	239.7	221.8
0.0	0.0	17.5°	1036.9	933.0	827.1	741.2	655.3	571.4	485.5	423.5	361.6
0.0	0.0	20°	2639.2	2351.5	2063.8	1780.1	1494.4	1210.7	925.0	781.2	637.3
0.0	0.0	22.5°	4966.7	4433.2	3897.8	3380.4	2860.9	2343.5	1826.0	1500.4	1176.7
0.0	0.0	25°	7665.7	6994.5	6323.2	5472.1	4619.0	3767.9	2916.9	2387.4	1858.0
0.0	0.0	27.5°	9975.3	9202.1	8428.9	7394.0	6359.2	5324.3	4289.4	3500.2	2713.1
0.0	0.0	30°	11975.1	11144.0	10312.9	9108.2	7903.5	6698.8	5494.1	4507.1	3520.2
0.0	0.0	32.5°	13709.2	12714.3	11719.4	10476.7	9234.1	7991.4	6748.7	5538.0	4327.3
0.0	0.0	35°	15709.1	14548.3	13385.6	12007.1	10626.6	9248.0	7869.5	6503.0	5134.5
0.0	0.0	37.5°	18250.4	16825.9	15399.4	13863.1	12326.7	10792.4	9256.0	7693.7	6131.4
0.0	0.0	40°	23115.1	21277.1	19439.1	17487.2	15533.3	13581.4	11629.5	9711.5	7793.6
0.0	0.0	42.5°	31831.7	29348.4	26865.1	24267.9	21668.7	19071.5	16472.3	13767.2	11060.1
0.0	0.0	45°	41669.1	38588.5	35505.8	32590.9	29674.1	26759.2	23844.3	20132.3	16420.3
0.0	0.0	47.5°	47201.2	43874.8	40548.3	37789.3	35030.3	32271.3	29512.2	25510.5	21508.8
0.0	0.0	50°	49237.0	45850.6	42464.3	39925.0	37383.8	34844.5	32303.2	28295.5	24285.9
0.0	0.0	52.5°	49670.5	46216.2	42762.0	40206.7	37651.5	35098.2	32543.0	28561.3	24579.5
0.0	0.0	55°	50561.6	46855.6	43147.5	40234.7	37321.8	34409.0	31496.1	27450.4	23404.8
0.0	0.0	57.5°	51726.3	47926.4	44126.5	40808.1	37489.6	34173.2	30854.8	26431.5	22008.3
0.0	0.0	60°	51420.6	48114.2	44805.8	41251.6	37695.4	34141.2	30585.1	25720.3	20853.5
0.0	0.0	62.5°	46114.4	43481.2	40846.0	37923.2	34998.3	32075.5	29152.6	24144.0	19135.4
0.0	0.0	65°	37937.2	36015.2	34093.3	31741.8	29388.4	27036.9	24685.4	20194.3	15705.1
0.0	0.0	67.5°	30746.9	28581.2	26413.6	24539.6	22663.6	20789.6	18913.6	15379.4	11845.2
		70°	24427.7	22072.2	19714.8	17884.7	16052.7	14222.7	12392.7	10043.2	7695.7
		72.5°	19399.1	17275.4	15151.7	13199.8	11245.9	9294.0	7340.1	5951.6	4563.1
		75°	9272.0	8422.9	7573.8	6552.9	5532.0	4511.1	3490.2	2884.9	2281.5
		77.5°	3436.3	2978.8	2519.3	2103.7	1688.2	1274.6	859.1	787.2	715.2
		80°	889.0	775.2	659.3	577.4	493.5	411.6	329.6	297.7	267.7
		82.5°	101.9	93.9	87.9	83.9	77.9	73.9	67.9	61.9	55.9
		85°	6.0	4.0	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
		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: P1049422

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	115.9	115.9
0.0	0.0	2.5°	107.9	105.9
0.0	0.0	5°	113.9	111.9
0.0	0.0	7.5°	125.9	121.9
0.0	0.0	10°	137.9	133.9
0.0	0.0	12.5°	155.8	149.8
0.0	0.0	15°	175.8	163.8
0.0	0.0	17.5°	209.8	183.8
0.0	0.0	20°	283.7	217.8
0.0	0.0	22.5°	399.6	271.7
0.0	0.0	25°	587.4	375.6
0.0	0.0	27.5°	817.1	499.5
0.0	0.0	30°	1086.8	625.3
0.0	0.0	32.5°	1324.6	745.2
0.0	0.0	35°	1634.2	867.1
0.0	0.0	37.5°	2015.8	1022.9
0.0	0.0	40°	2607.2	1258.6
0.0	0.0	42.5°	3672.0	1694.2
0.0	0.0	45°	5963.6	2928.8
0.0	0.0	47.5°	9176.1	4844.8
0.0	0.0	50°	11225.9	6183.3
0.0	0.0	52.5°	11393.7	6173.4
0.0	0.0	55°	10400.8	5488.1
0.0	0.0	57.5°	8874.4	4587.1
0.0	0.0	60°	7376.1	3628.1
0.0	0.0	62.5°	5811.7	2505.3
0.0	0.0	65°	4247.4	1772.1
0.0	0.0	67.5°	3050.7	1324.6
		70°	2005.8	1014.9
		72.5°	1306.6	827.1
		75°	879.1	685.3
		77.5°	513.4	455.5
		80°	181.8	159.8
		82.5°	34.0	24.0
		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: P1049422
CATALOG NUMBER: GALN-SA9B-940-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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-16

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-940-U-5WQ

Data in this report applies to families of products including GSS-SB1A-940-U-5WQ

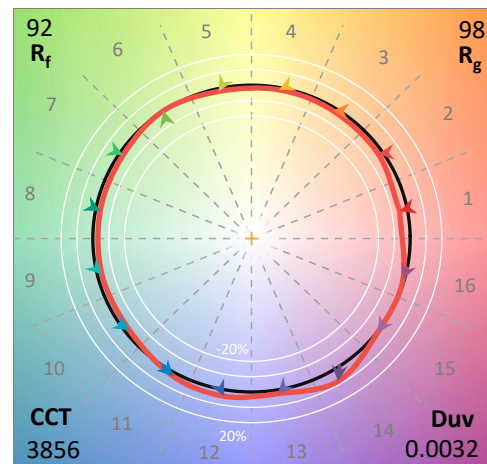
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-16
 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-940-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3856
 CIE u' : 0.2261
 CIE v' : 0.5084
 Duv: 0.0032
 CIE x: 0.3896
 CIE y: 0.3894
 CIE z: 0.2211
 Peak Wavelength (nm): 614
 Dominant Wavelength (nm): 578
 Purity: 33.77304
 R_f: 91.8
 R_g: 98.4

CRI (Ra): 92.1
 R1: 91.8
 R2: 94.1
 R3: 95.3
 R4: 92.8
 R5: 91.0
 R6: 91.6
 R7: 95.0
 R8: 85.2
 R9: 60.7
 R10: 85.2
 R11: 92.4
 R12: 74.5
 R13: 92.3
 R14: 97.0
 R15: 88.5



Test Conditions

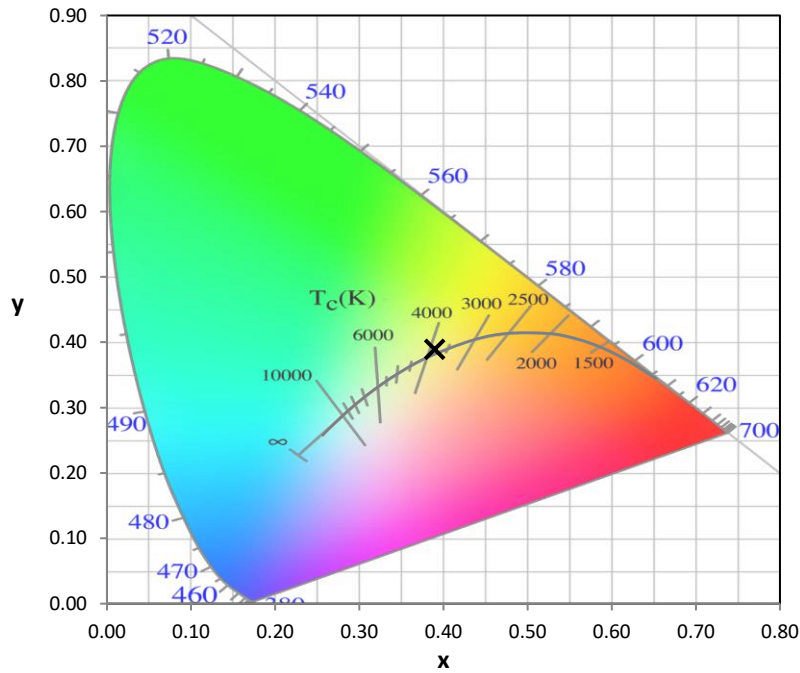
Stabilization Time: 23M
 Operation Time: 1H 23M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-16

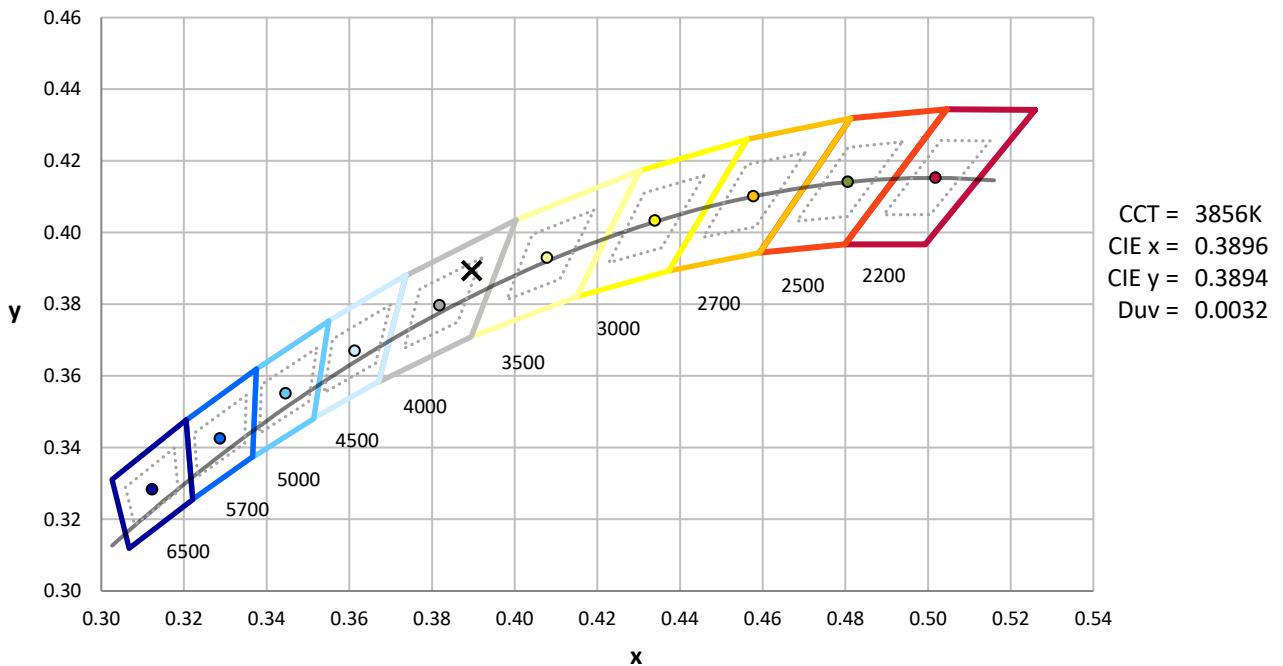
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-16

CIE 1931 Chromaticity Diagram



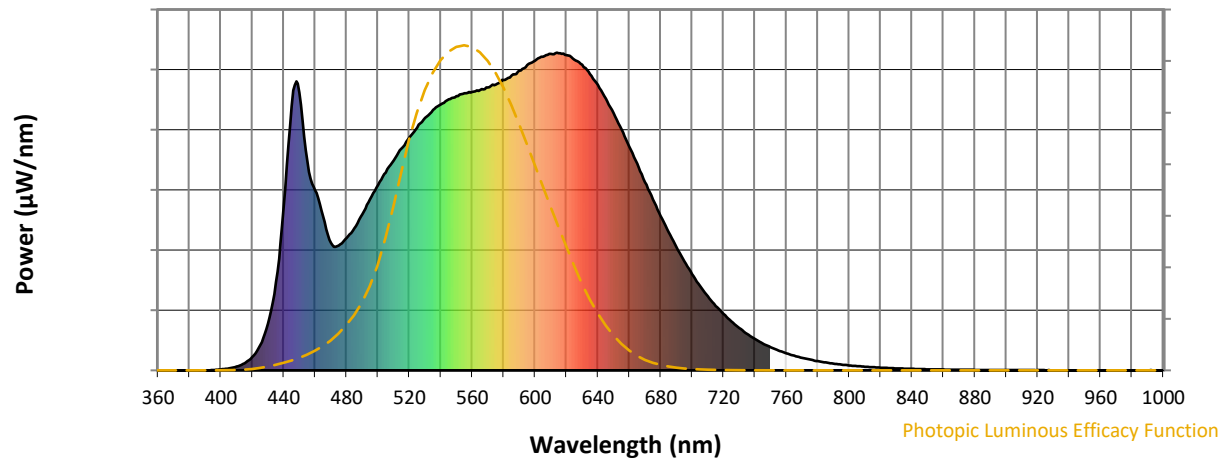
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-16

Photopic Flux vs. Wavelength

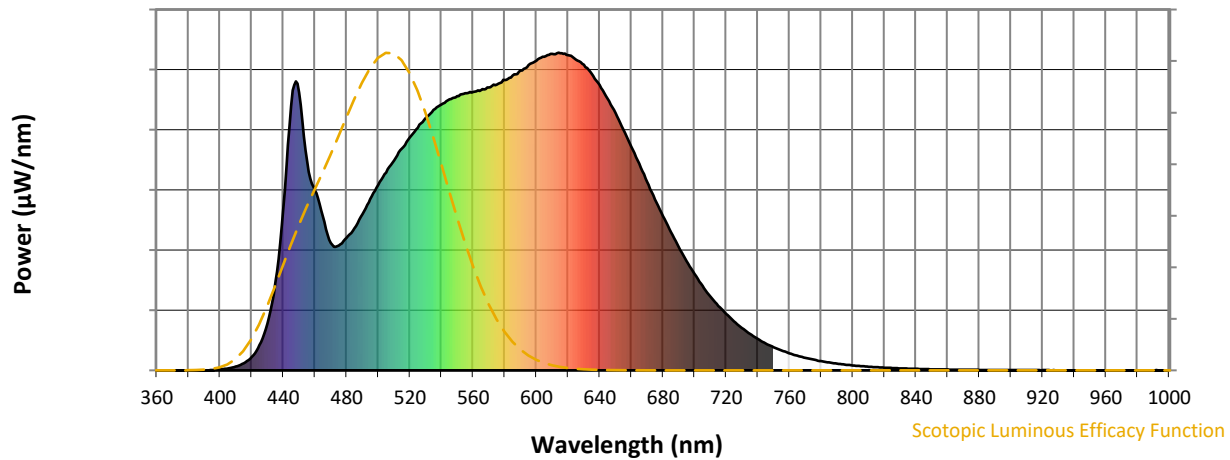


Photopic Lumens: NR

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

Scotopic Flux vs. Wavelength



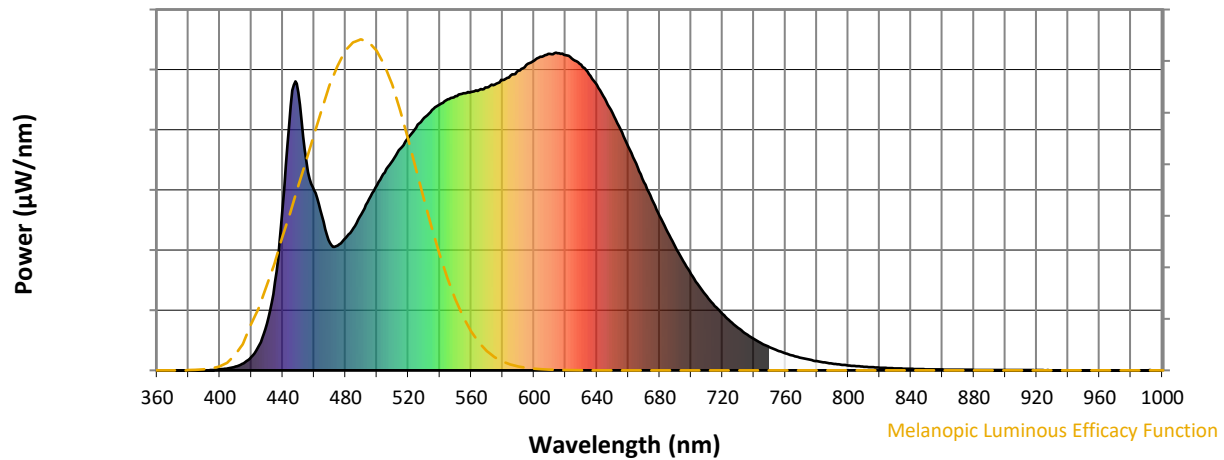
Scotopic Lumens: NR

S/P: 1.72

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	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.52

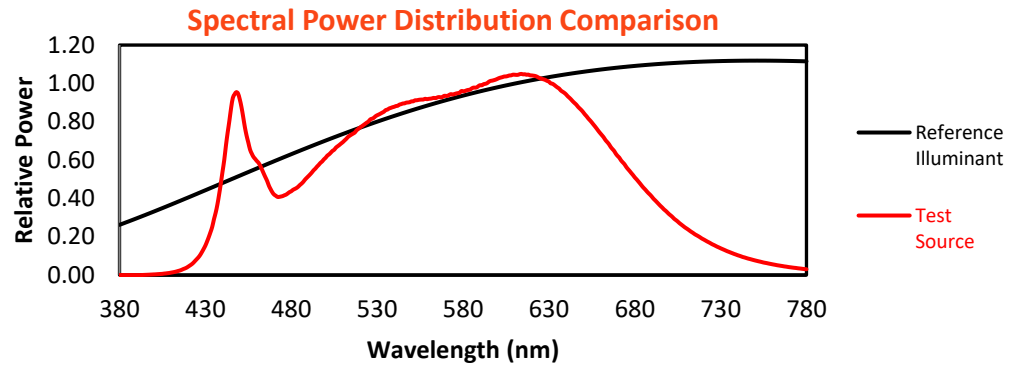
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	492	NR	620	993	NR	750	73	NR	880	1	NR
365	0	NR	495	539	NR	625	978	NR	755	62	NR	885	1	NR
370	0	NR	500	583	NR	630	962	NR	760	54	NR	890	1	NR
375	0	NR	505	623	NR	635	933	NR	765	46	NR	895	1	NR
380	0	NR	510	661	NR	640	898	NR	770	39	NR	900	1	NR
385	0	NR	515	698	NR	645	855	NR	775	34	NR	905	1	NR
390	0	NR	520	733	NR	650	810	NR	780	29	NR	910	1	NR
395	1	NR	525	764	NR	655	759	NR	785	25	NR	915	1	NR
400	3	NR	530	794	NR	660	704	NR	790	21	NR	920	1	NR
405	6	NR	535	820	NR	665	651	NR	795	18	NR	925	1	NR
410	12	NR	540	837	NR	670	592	NR	800	16	NR	930	1	NR
415	22	NR	545	853	NR	675	538	NR	805	13	NR	935	0	NR
420	42	NR	550	864	NR	680	486	NR	810	12	NR	940	0	NR
425	79	NR	555	872	NR	685	435	NR	815	10	NR	945	0	NR
430	147	NR	560	876	NR	690	389	NR	820	9	NR	950	0	NR
435	278	NR	565	883	NR	695	344	NR	825	7	NR	955	0	NR
440	515	NR	570	891	NR	700	303	NR	830	6	NR	960	0	NR
445	832	NR	575	900	NR	705	266	NR	835	5	NR	965	0	NR
450	874	NR	580	914	NR	710	233	NR	840	5	NR	970	0	NR
455	659	NR	585	927	NR	715	203	NR	845	4	NR	975	0	NR
460	567	NR	590	944	NR	720	178	NR	850	4	NR	980	0	NR
465	485	NR	595	961	NR	725	154	NR	855	3	NR	985	0	NR
470	401	NR	600	975	NR	730	133	NR	860	3	NR	990	0	NR
475	393	NR	605	988	NR	735	115	NR	865	2	NR	995	1	NR
480	417	NR	610	996	NR	740	98	NR	870	2	NR	1000	0	NR
485	448	NR	615	998	NR	745	85	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-16

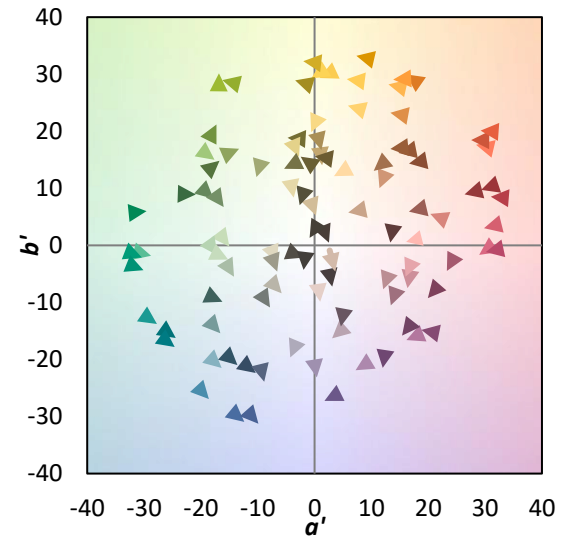
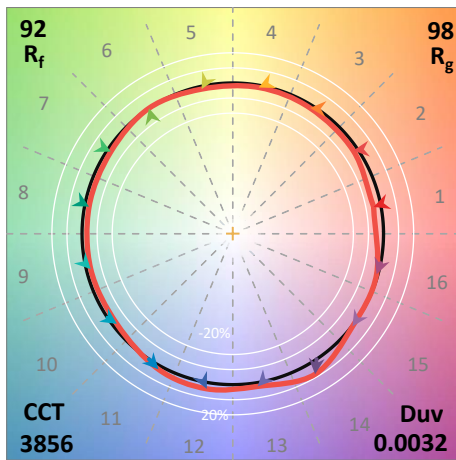
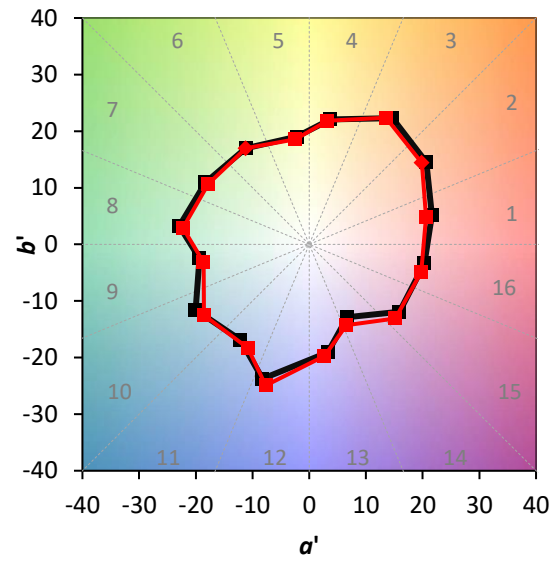
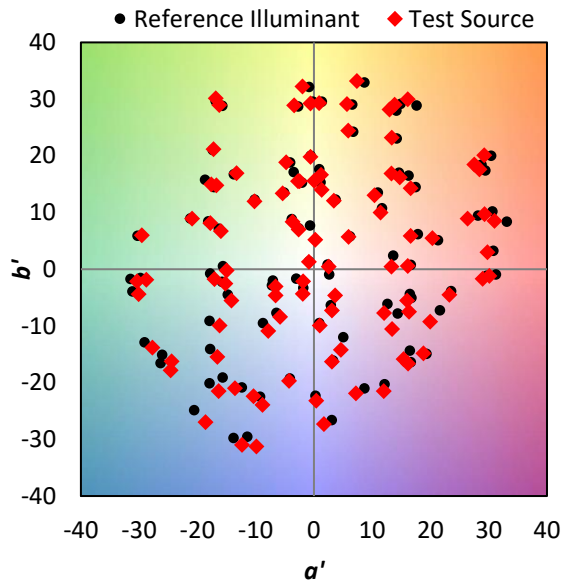
TM-30-18

Summary

$R_f = 91.8$
 $R_g = 98.4$
 $CIE R_a = 92.1$
 $R_9 = 60.7$

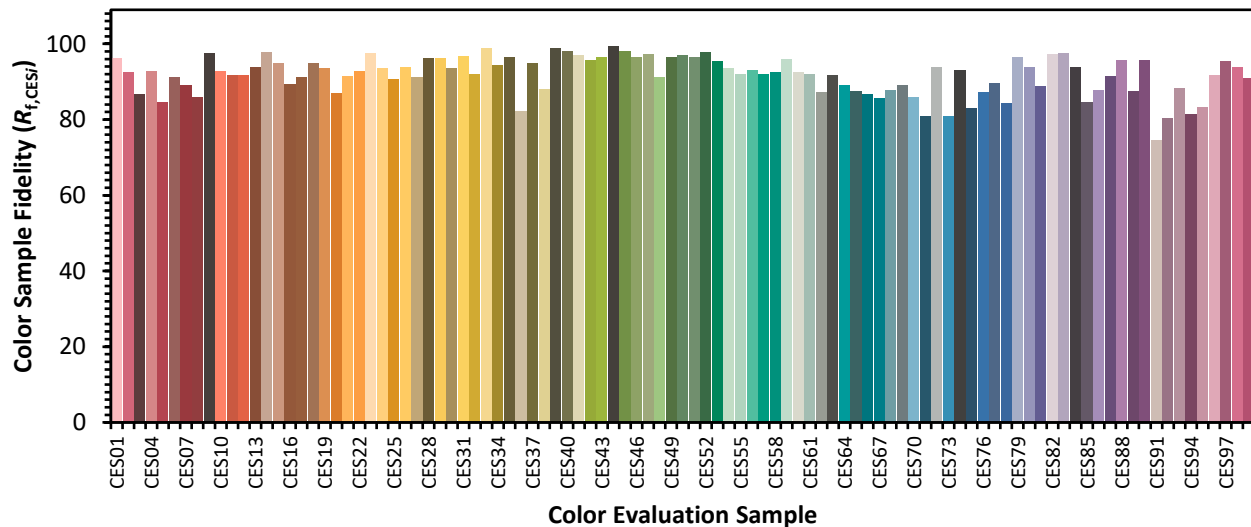


Color Vector Graphics

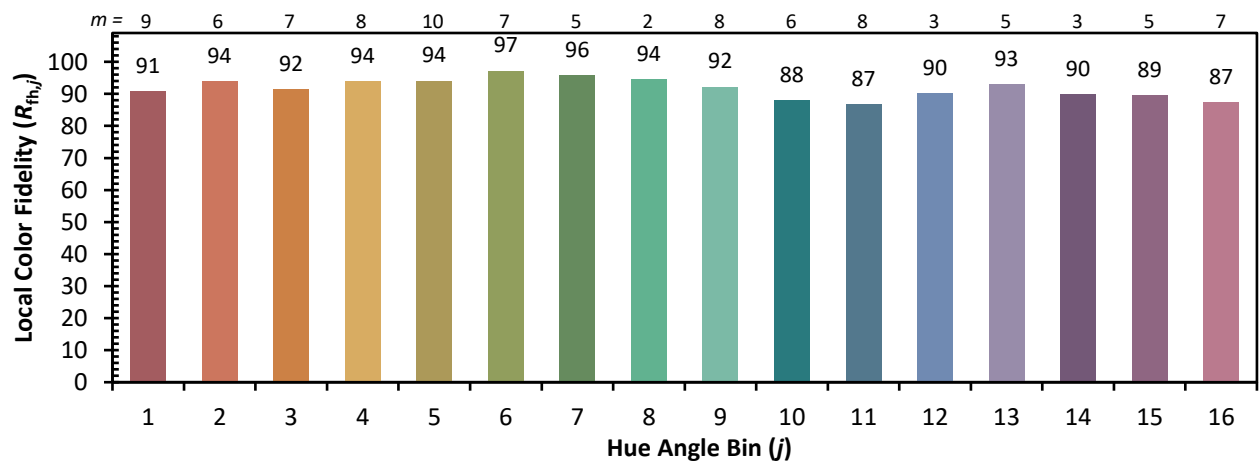
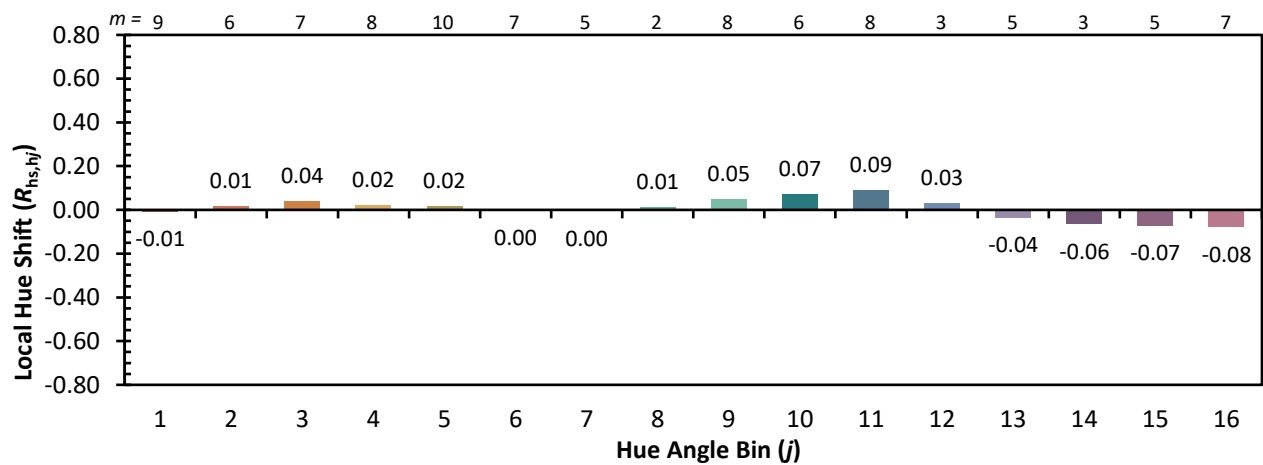
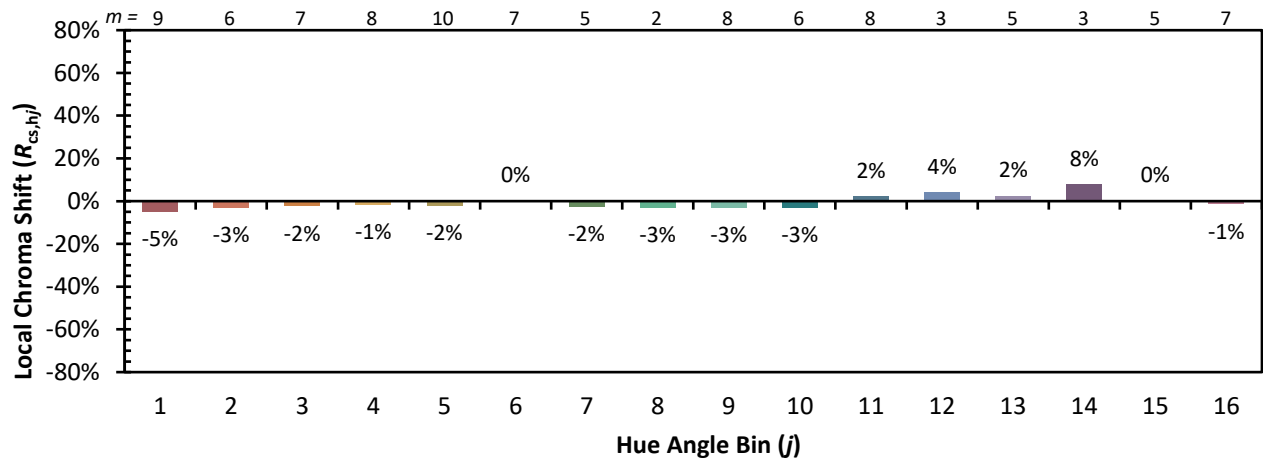


Individual Sample Fidelity Index ($R_{f,i}$)

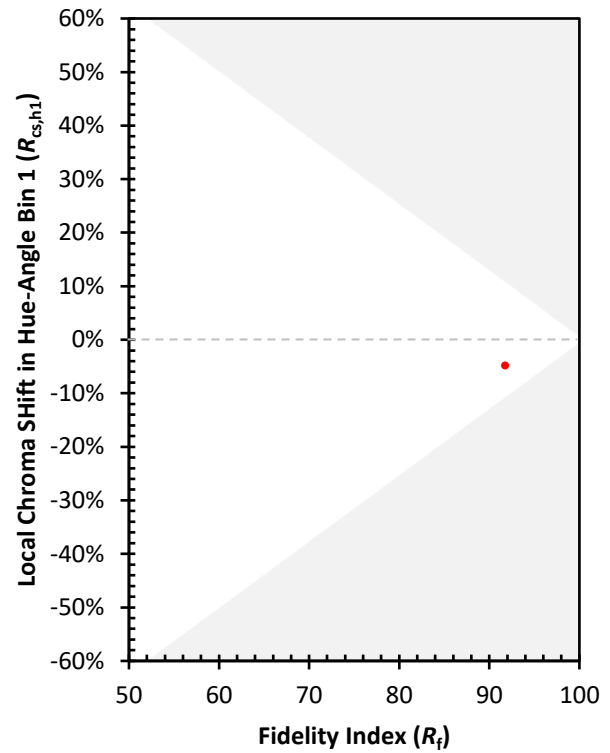
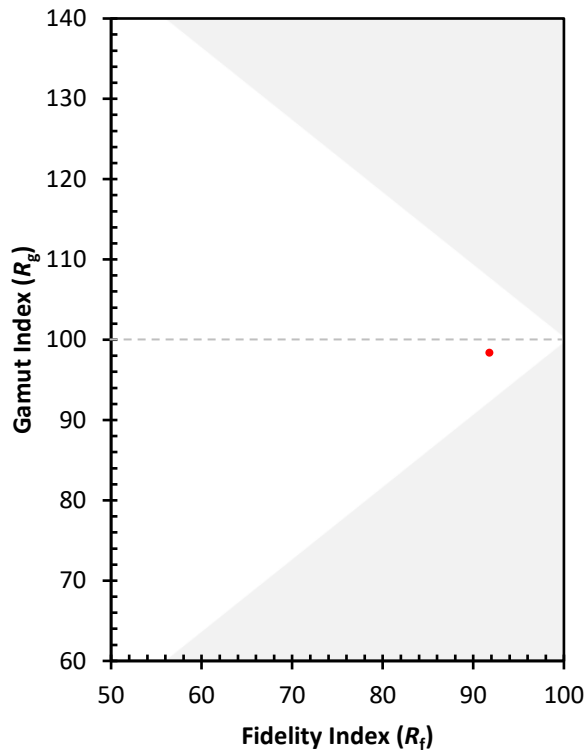
CES01 = 86	CES26 = 94	CES51 = 96	CES76 = 87
CES02 = 62	CES27 = 91	CES52 = 98	CES77 = 90
CES03 = 31	CES28 = 96	CES53 = 95	CES78 = 84
CES04 = 69	CES29 = 96	CES54 = 94	CES79 = 96
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 94
CES06 = 50	CES31 = 97	CES56 = 93	CES81 = 89
CES07 = 42	CES32 = 92	CES57 = 92	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 92	CES83 = 98
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 74	CES35 = 96	CES60 = 93	CES85 = 85
CES11 = 57	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 63	CES37 = 95	CES62 = 87	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 92	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 89	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 87	CES91 = 74
CES17 = 49	CES42 = 96	CES67 = 86	CES92 = 80
CES18 = 56	CES43 = 96	CES68 = 88	CES93 = 88
CES19 = 71	CES44 = 99	CES69 = 89	CES94 = 82
CES20 = 66	CES45 = 98	CES70 = 86	CES95 = 83
CES21 = 85	CES46 = 97	CES71 = 81	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 94	CES97 = 95
CES23 = 91	CES48 = 91	CES73 = 81	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 93	CES99 = 91
CES25 = 71	CES50 = 97	CES75 = 83	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)