

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: P1049346

Luminaire Tested: **GALN-SA8B-930-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049346
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-930-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
90CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22522.9 lumens
Efficiency: N/A
Efficacy: 79.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

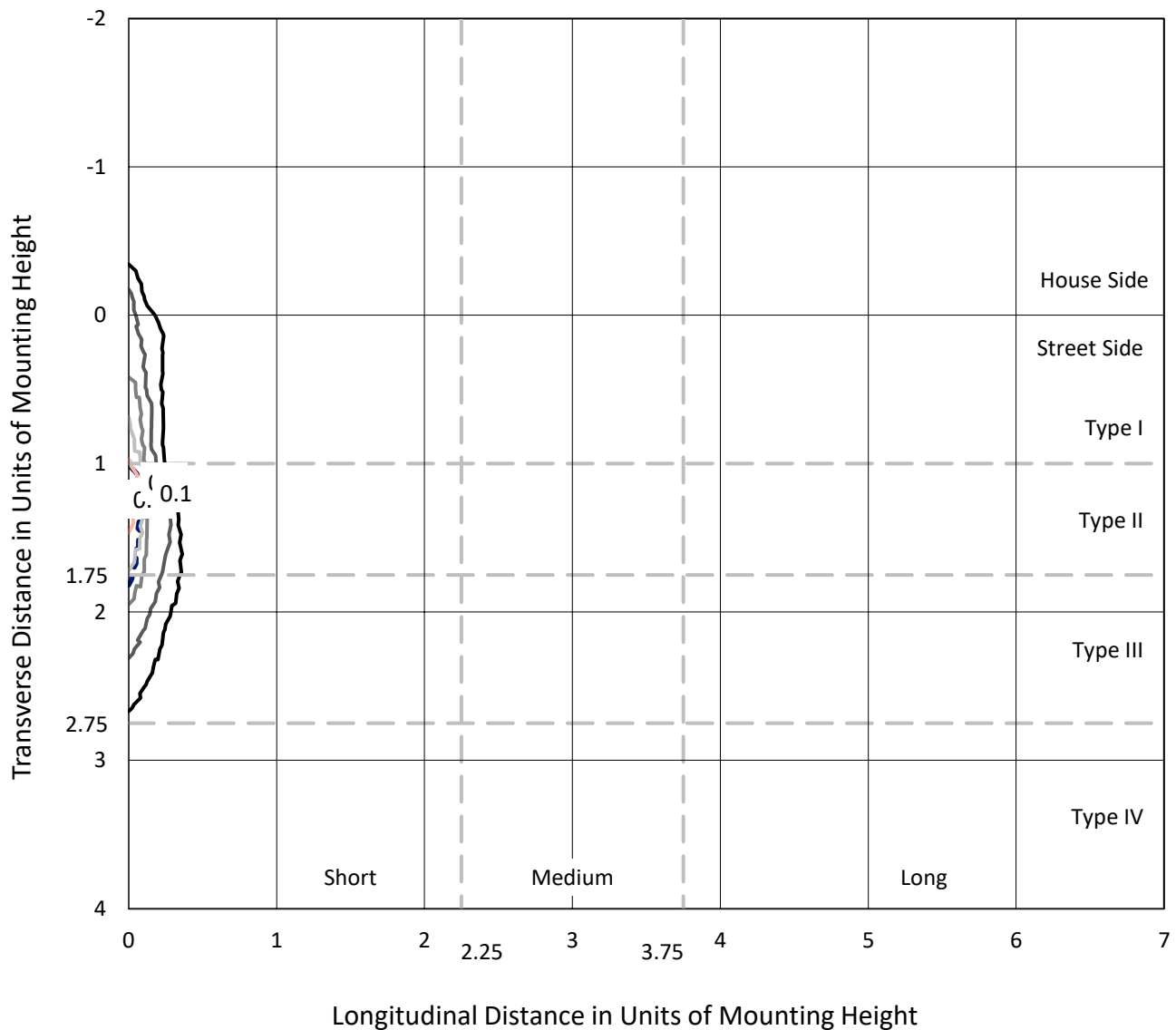
Input Watts (W): 282.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

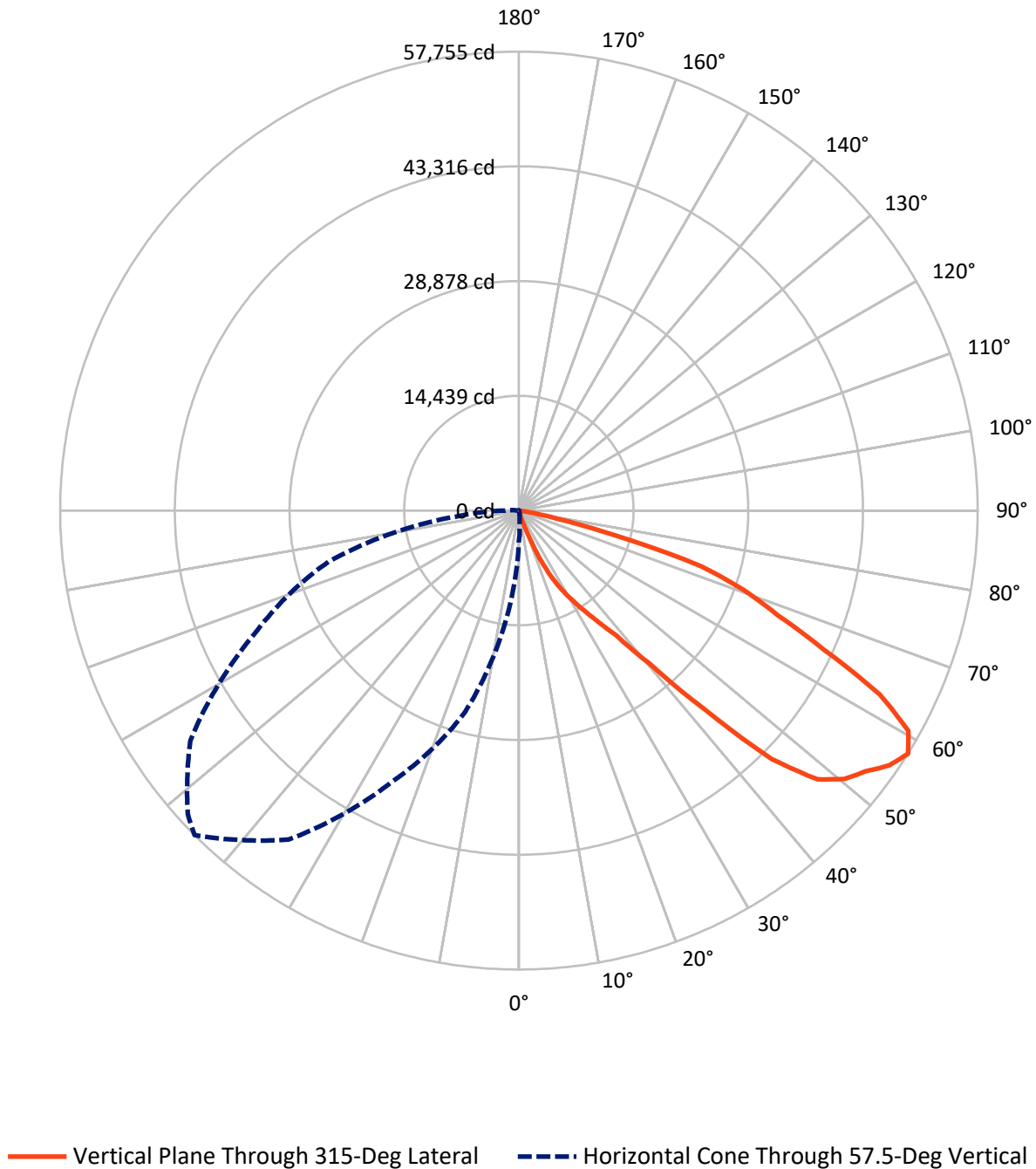
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 3.3 fc
 Type III - Short - N/A

REPORT NUMBER: P1049346
CATALOG NUMBER: GALN-SA8B-930-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-U-RBC

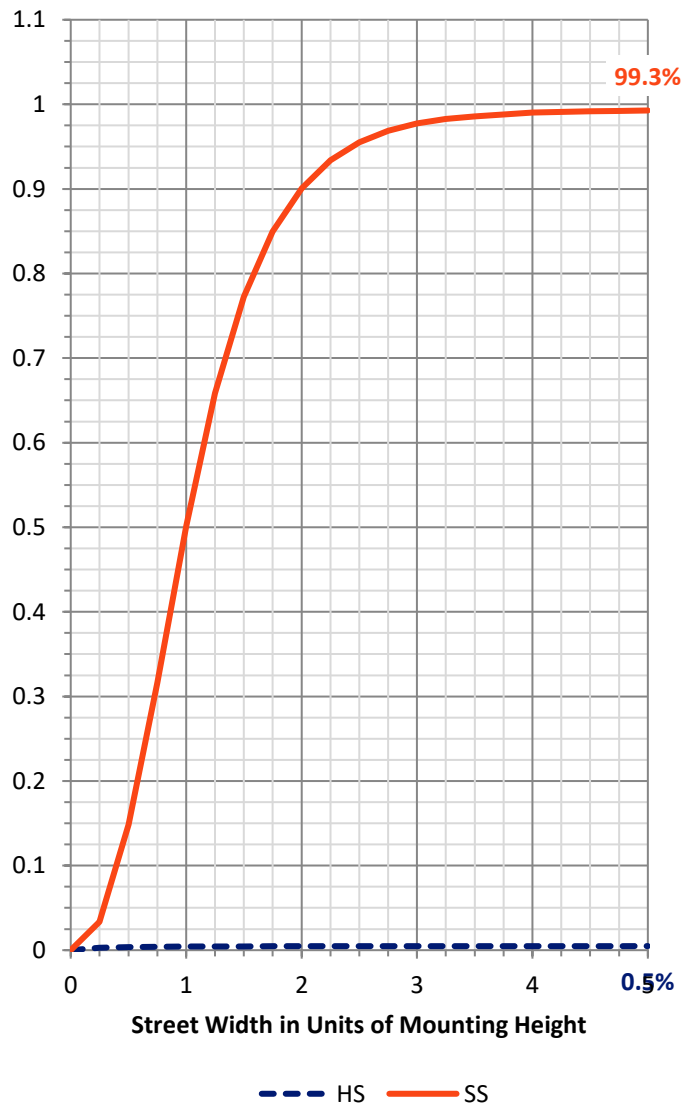
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	112.8	0.0	112.8
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	22410.2	0.0	22410.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	22522.9	0.0	22522.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.8	0.0
10°-20°	49.5	0.2
20°-30°	533.8	2.4
30°-40°	1578.4	7.0
40°-50°	4704.1	20.9
50°-60°	7459.1	33.1
60°-70°	6226.5	27.6
70°-80°	1920.0	8.5
80°-90°	42.7	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°	22522.9	100.0
0°-180°	22522.9	100.0



REPORT NUMBER: P1049346

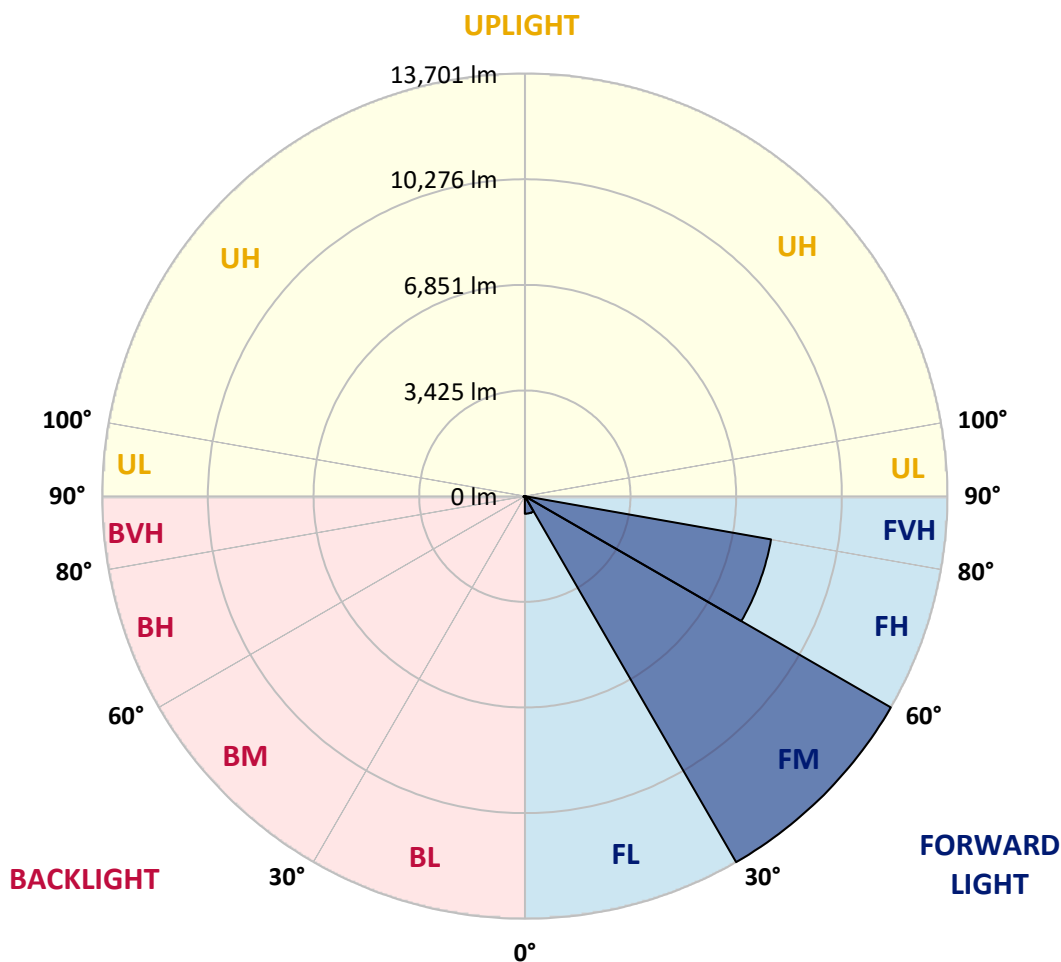
CATALOG NUMBER: GALN-SA8B-930-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	571.4	2.5			
FM	(30°-60°)	13701.3	60.8			
FH	(60°-80°)	8104.5	36.0			G4/12000
FVH	(80°-90°)	33.0	0.1			G1/100
BL	(0°-30°)	20.7	0.1	B0/110		
BM	(30°-60°)	40.3	0.2	B0/220		
BH	(60°-80°)	42.1	0.2	B0/110		G0/110
BVH	(80°-90°)	9.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

Type III Short





REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
2.5°	90.2	90.2	90.2	90.2	88.5	88.5	86.8	86.8	85.1	85.1
5°	95.3	95.3	93.6	91.9	91.9	90.2	88.5	86.8	86.8	85.1
7.5°	103.8	102.1	100.4	98.7	95.3	93.6	90.2	88.5	86.8	83.4
10°	114.0	110.6	107.2	103.8	100.4	97.0	93.6	91.9	88.5	86.8
12.5°	127.7	122.5	115.7	110.6	107.2	102.1	98.7	95.3	90.2	86.8
15°	139.6	132.8	124.2	117.4	112.3	105.5	100.4	95.3	91.9	86.8
17.5°	156.6	144.7	131.1	122.5	115.7	107.2	98.7	93.6	88.5	81.7
20°	185.5	161.7	136.2	126.0	115.7	105.5	95.3	88.5	83.4	76.6
22.5°	231.5	190.6	149.8	134.5	120.8	105.5	91.9	85.1	78.3	71.5
25°	320.0	246.8	173.6	153.2	132.8	112.3	91.9	83.4	76.6	68.1
27.5°	425.5	316.6	205.9	177.0	149.8	120.8	91.9	81.7	73.2	63.0
30°	532.7	388.1	241.7	204.2	166.8	129.4	91.9	80.0	69.8	57.9
32.5°	634.9	454.4	272.3	228.1	183.8	137.9	93.6	80.0	66.4	52.8
35°	738.7	508.9	277.4	231.5	185.5	137.9	91.9	76.6	63.0	47.7
37.5°	871.4	570.2	267.2	221.3	177.0	131.1	86.8	73.2	59.6	44.3
40°	1072.3	672.3	272.3	224.7	177.0	129.4	81.7	68.1	56.2	42.6
42.5°	1443.3	869.7	294.5	240.0	185.5	129.4	74.9	63.0	52.8	40.8
45°	2495.2	1445.0	394.9	313.2	231.5	149.8	68.1	57.9	49.4	39.1
47.5°	4127.4	2418.6	709.8	548.1	388.1	226.4	66.4	57.9	49.4	39.1
50°	5267.8	3080.7	893.6	687.6	481.7	275.7	69.8	59.6	51.1	40.8
52.5°	5259.3	3128.3	995.7	764.2	534.4	303.0	73.2	63.0	54.5	44.3
55°	4675.5	2845.8	1014.4	779.5	546.4	311.5	78.3	68.1	57.9	47.7
57.5°	3907.9	2416.9	925.9	716.6	508.9	299.6	90.2	78.3	68.1	56.2
60°	3090.9	1906.3	721.7	570.2	420.4	268.9	119.1	103.8	90.2	74.9
62.5°	2134.4	1382.1	629.8	505.5	383.0	258.7	136.2	120.8	107.2	91.9
65°	1509.7	1039.9	568.5	463.0	359.1	253.6	148.1	131.1	115.7	98.7
67.5°	1128.5	827.2	524.2	434.0	343.8	253.6	163.4	143.0	124.2	103.8
70°	864.6	679.1	491.9	418.7	347.2	274.0	200.8	171.9	144.7	115.7
72.5°	704.6	580.4	454.4	401.7	348.9	296.2	243.4	205.9	168.5	129.4
75°	583.8	497.0	410.2	365.9	323.4	279.1	234.9	200.8	168.5	134.5
77.5°	388.1	354.0	318.3	292.8	267.2	240.0	214.5	185.5	158.3	129.4
80°	136.2	131.1	126.0	136.2	146.4	156.6	166.8	146.4	127.7	107.2
82.5°	20.4	18.7	17.0	18.7	20.4	22.1	23.8	25.5	27.2	28.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049346

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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°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	83.4	83.4	81.7	81.7	81.7	80.0	80.0	78.3	78.3	78.3
0.0	5°	81.7	81.7	80.0	78.3	76.6	76.6	74.9	73.2	73.2	71.5
0.0	7.5°	80.0	78.3	76.6	74.9	73.2	71.5	69.8	68.1	68.1	66.4
0.0	10°	81.7	78.3	76.6	73.2	71.5	69.8	66.4	64.7	63.0	63.0
0.0	12.5°	78.3	76.6	73.2	69.8	68.1	64.7	63.0	59.6	57.9	57.9
0.0	15°	78.3	74.9	69.8	66.4	63.0	61.3	57.9	54.5	52.8	51.1
0.0	17.5°	73.2	69.8	64.7	61.3	57.9	54.5	51.1	47.7	46.0	44.3
0.0	20°	66.4	63.0	57.9	52.8	49.4	46.0	42.6	39.1	37.4	35.7
0.0	22.5°	59.6	56.2	51.1	46.0	42.6	39.1	34.0	30.6	28.9	25.5
0.0	25°	56.2	51.1	46.0	40.8	35.7	32.3	27.2	22.1	18.7	15.3
0.0	27.5°	47.7	42.6	37.4	32.3	27.2	22.1	17.0	11.9	8.5	6.8
0.0	30°	40.8	35.7	30.6	25.5	18.7	13.6	8.5	1.7	1.7	1.7
0.0	32.5°	34.0	28.9	22.1	17.0	13.6	8.5	5.1	0.0	0.0	0.0
0.0	35°	27.2	22.1	15.3	10.2	8.5	5.1	3.4	0.0	0.0	0.0
0.0	37.5°	23.8	18.7	11.9	5.1	3.4	3.4	1.7	0.0	0.0	0.0
0.0	40°	22.1	15.3	8.5	1.7	1.7	1.7	0.0	0.0	0.0	0.0
0.0	42.5°	22.1	15.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	22.1	15.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	22.1	15.3	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	23.8	17.0	8.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	27.2	20.4	13.6	6.8	5.1	3.4	1.7	0.0	0.0	0.0
0.0	55°	34.0	30.6	25.5	22.1	17.0	11.9	5.1	0.0	0.0	0.0
0.0	57.5°	44.3	44.3	42.6	40.8	30.6	20.4	10.2	0.0	0.0	0.0
0.0	60°	59.6	59.6	59.6	59.6	44.3	30.6	15.3	0.0	0.0	0.0
0.0	62.5°	73.2	69.8	64.7	61.3	46.0	30.6	15.3	0.0	0.0	0.0
0.0	65°	73.2	66.4	57.9	49.4	37.4	25.5	11.9	0.0	0.0	0.0
0.0	67.5°	68.1	54.5	39.1	25.5	18.7	13.6	6.8	0.0	0.0	0.0
	70°	68.1	47.7	27.2	6.8	5.1	3.4	1.7	0.0	0.0	0.0
	72.5°	68.1	46.0	22.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	74.9	51.1	25.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	74.9	51.1	25.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	66.4	44.3	22.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	22.1	15.3	6.8	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°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	76.6	76.6	76.6	74.9	74.9	74.9	74.9	73.2	73.2	73.2
0.0	5°	69.8	69.8	68.1	68.1	66.4	66.4	64.7	64.7	63.0	63.0
0.0	7.5°	64.7	63.0	63.0	61.3	59.6	59.6	57.9	57.9	56.2	54.5
0.0	10°	59.6	57.9	57.9	56.2	54.5	52.8	52.8	51.1	49.4	47.7
0.0	12.5°	54.5	52.8	51.1	49.4	47.7	46.0	46.0	44.3	42.6	40.8
0.0	15°	47.7	46.0	44.3	42.6	40.8	39.1	39.1	37.4	35.7	34.0
0.0	17.5°	40.8	39.1	39.1	37.4	35.7	34.0	32.3	28.9	27.2	25.5
0.0	20°	30.6	28.9	27.2	25.5	23.8	20.4	18.7	15.3	11.9	10.2
0.0	22.5°	20.4	17.0	15.3	11.9	8.5	6.8	5.1	1.7	0.0	0.0
0.0	25°	6.8	5.1	3.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA8B-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	71.5	71.5	71.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8
0.0	5°	61.3	61.3	61.3	59.6	59.6	57.9	57.9	57.9	56.2	56.2
0.0	7.5°	52.8	51.1	51.1	49.4	49.4	47.7	47.7	47.7	46.0	46.0
0.0	10°	44.3	42.6	42.6	40.8	40.8	39.1	39.1	37.4	37.4	35.7
0.0	12.5°	39.1	37.4	35.7	34.0	34.0	32.3	30.6	30.6	28.9	27.2
0.0	15°	30.6	28.9	27.2	25.5	23.8	22.1	20.4	20.4	18.7	17.0
0.0	17.5°	20.4	17.0	15.3	13.6	13.6	11.9	10.2	8.5	6.8	5.1
0.0	20°	5.1	3.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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-930-U-RBC

[illegible]

REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-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°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	69.8	68.1	68.1	68.1	69.8	69.8	69.8	69.8	69.8	69.8
0.0	5°	56.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
0.0	7.5°	46.0	44.3	44.3	44.3	44.3	42.6	42.6	42.6	42.6	42.6
0.0	10°	35.7	34.0	34.0	34.0	34.0	32.3	32.3	32.3	32.3	32.3
0.0	12.5°	25.5	25.5	23.8	23.8	23.8	22.1	22.1	22.1	22.1	20.4
0.0	15°	15.3	13.6	11.9	11.9	11.9	10.2	10.2	10.2	10.2	8.5
0.0	17.5°	3.4	3.4	1.7	1.7	1.7	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	71.5	71.5	73.2	73.2	74.9	78.3	80.0	81.7	85.1	88.5
0.0	5°	56.2	57.9	57.9	59.6	61.3	63.0	64.7	66.4	69.8	73.2
0.0	7.5°	44.3	44.3	46.0	46.0	47.7	51.1	52.8	54.5	57.9	63.0
0.0	10°	34.0	34.0	35.7	35.7	37.4	40.8	42.6	44.3	47.7	52.8
0.0	12.5°	22.1	23.8	23.8	25.5	27.2	30.6	32.3	34.0	37.4	40.8
0.0	15°	10.2	11.9	11.9	13.6	15.3	18.7	20.4	22.1	25.5	30.6
0.0	17.5°	1.7	1.7	3.4	3.4	5.1	6.8	8.5	10.2	15.3	18.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	6.8
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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-930-U-RBC

[illegible]

REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-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°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	93.6	97.0	100.4	103.8	107.2	110.6	112.3	115.7	117.4	119.1
0.0	5°	80.0	83.4	88.5	91.9	95.3	98.7	102.1	103.8	105.5	107.2
0.0	7.5°	69.8	73.2	78.3	81.7	85.1	88.5	91.9	95.3	97.0	98.7
0.0	10°	59.6	64.7	68.1	73.2	76.6	80.0	83.4	86.8	90.2	91.9
0.0	12.5°	47.7	52.8	57.9	61.3	66.4	71.5	74.9	78.3	81.7	85.1
0.0	15°	37.4	42.6	47.7	51.1	56.2	61.3	66.4	69.8	73.2	76.6
0.0	17.5°	27.2	32.3	37.4	40.8	46.0	51.1	54.5	59.6	63.0	66.4
0.0	20°	13.6	18.7	23.8	28.9	34.0	39.1	42.6	47.7	51.1	54.5
0.0	22.5°	1.7	6.8	11.9	15.3	20.4	25.5	28.9	34.0	37.4	40.8
0.0	25°	0.0	1.7	5.1	6.8	8.5	11.9	15.3	18.7	22.1	25.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.7	3.4	6.8	10.2	13.6
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7	3.4
	85°	0.0	0.0	0.0	0.0	0.0	3.4	5.1	8.5	10.2	11.9
	87.5°	0.0	1.7	3.4	5.1	6.8	10.2	13.6	17.0	18.7	20.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
98.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.7											
6.8											
15.3											
22.1											
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REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	120.8	120.8	120.8	120.8	119.1	119.1	119.1	117.4	117.4	115.7
0.0	5°	110.6	112.3	112.3	112.3	112.3	112.3	112.3	112.3	110.6	110.6
0.0	7.5°	102.1	103.8	105.5	105.5	107.2	107.2	107.2	105.5	105.5	103.8
0.0	10°	97.0	98.7	98.7	100.4	100.4	100.4	100.4	100.4	100.4	100.4
0.0	12.5°	90.2	91.9	93.6	93.6	95.3	95.3	95.3	95.3	93.6	93.6
0.0	15°	81.7	85.1	86.8	88.5	88.5	90.2	90.2	90.2	90.2	90.2
0.0	17.5°	74.9	78.3	80.0	81.7	81.7	83.4	83.4	85.1	85.1	85.1
0.0	20°	61.3	64.7	66.4	69.8	71.5	73.2	74.9	76.6	76.6	78.3
0.0	22.5°	47.7	51.1	52.8	56.2	57.9	59.6	61.3	63.0	64.7	66.4
0.0	25°	34.0	37.4	39.1	42.6	44.3	46.0	47.7	49.4	49.4	51.1
0.0	27.5°	18.7	22.1	25.5	27.2	30.6	32.3	34.0	35.7	37.4	39.1
0.0	30°	8.5	10.2	11.9	15.3	17.0	18.7	20.4	23.8	25.5	27.2
0.0	32.5°	0.0	0.0	1.7	5.1	6.8	8.5	10.2	11.9	11.9	13.6
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.4	5.1	6.8
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	3.4	3.4	3.4	5.1	5.1	5.1	5.1	5.1	5.1	5.1
	82.5°	8.5	10.2	11.9	11.9	13.6	13.6	13.6	13.6	11.9	11.9
	85°	17.0	18.7	20.4	20.4	22.1	22.1	22.1	22.1	22.1	22.1
	87.5°	23.8	25.5	27.2	27.2	28.9	28.9	28.9	28.9	28.9	28.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
98.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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											
5.1											
11.9											
22.1											
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REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-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°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	114.0	114.0	112.3	112.3	112.3	112.3	112.3	114.0	115.7	115.7
0.0	5°	108.9	108.9	107.2	107.2	107.2	108.9	108.9	110.6	112.3	114.0
0.0	7.5°	103.8	102.1	102.1	103.8	103.8	105.5	105.5	107.2	108.9	110.6
0.0	10°	100.4	98.7	98.7	98.7	100.4	100.4	102.1	103.8	105.5	107.2
0.0	12.5°	93.6	93.6	93.6	93.6	95.3	95.3	97.0	98.7	102.1	103.8
0.0	15°	90.2	88.5	88.5	88.5	88.5	90.2	90.2	93.6	97.0	98.7
0.0	17.5°	83.4	83.4	81.7	81.7	83.4	83.4	85.1	88.5	91.9	93.6
0.0	20°	76.6	74.9	73.2	73.2	74.9	74.9	76.6	80.0	83.4	85.1
0.0	22.5°	66.4	64.7	64.7	64.7	64.7	66.4	66.4	69.8	74.9	78.3
0.0	25°	52.8	54.5	54.5	56.2	56.2	57.9	59.6	63.0	68.1	71.5
0.0	27.5°	40.8	42.6	42.6	46.0	47.7	49.4	51.1	56.2	61.3	64.7
0.0	30°	30.6	32.3	34.0	35.7	39.1	42.6	46.0	51.1	56.2	59.6
0.0	32.5°	18.7	22.1	23.8	27.2	30.6	34.0	37.4	42.6	49.4	54.5
0.0	35°	13.6	15.3	18.7	20.4	23.8	27.2	30.6	37.4	42.6	49.4
0.0	37.5°	6.8	10.2	13.6	17.0	20.4	23.8	27.2	34.0	40.8	46.0
0.0	40°	5.1	8.5	10.2	13.6	18.7	22.1	25.5	32.3	39.1	46.0
0.0	42.5°	3.4	5.1	6.8	11.9	15.3	20.4	25.5	32.3	39.1	46.0
0.0	45°	3.4	3.4	5.1	10.2	15.3	22.1	27.2	34.0	39.1	46.0
0.0	47.5°	3.4	5.1	6.8	13.6	17.0	22.1	27.2	32.3	39.1	44.3
0.0	50°	5.1	6.8	8.5	15.3	18.7	23.8	27.2	34.0	39.1	46.0
0.0	52.5°	3.4	5.1	6.8	13.6	18.7	25.5	30.6	37.4	44.3	49.4
0.0	55°	1.7	1.7	1.7	10.2	20.4	28.9	39.1	44.3	51.1	56.2
0.0	57.5°	0.0	0.0	0.0	6.8	20.4	32.3	44.3	51.1	57.9	63.0
0.0	60°	0.0	0.0	0.0	6.8	20.4	32.3	44.3	52.8	61.3	69.8
0.0	62.5°	0.0	0.0	0.0	6.8	17.0	27.2	37.4	51.1	66.4	80.0
0.0	65°	0.0	0.0	0.0	5.1	13.6	22.1	30.6	51.1	71.5	90.2
0.0	67.5°	0.0	0.0	0.0	5.1	13.6	20.4	28.9	51.1	71.5	93.6
	70°	0.0	0.0	0.0	5.1	13.6	22.1	30.6	51.1	71.5	91.9
	72.5°	0.0	0.0	0.0	5.1	15.3	23.8	34.0	51.1	68.1	85.1
	75°	0.0	0.0	0.0	6.8	15.3	25.5	35.7	51.1	66.4	80.0
	77.5°	0.0	0.0	0.0	5.1	15.3	23.8	34.0	49.4	64.7	78.3
	80°	5.1	3.4	3.4	8.5	15.3	22.1	28.9	44.3	61.3	76.6
	82.5°	10.2	10.2	8.5	11.9	15.3	20.4	25.5	39.1	54.5	68.1
	85°	20.4	20.4	18.7	20.4	20.4	22.1	23.8	30.6	37.4	44.3
	87.5°	27.2	27.2	25.5	25.5	25.5	23.8	23.8	23.8	23.8	22.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
98.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.3											
102.1											
95.3											
93.6											
91.9											
81.7											
51.1											
22.1											
0.0											
0.0											
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REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	119.1	120.8	120.8	122.5	124.2	126.0	126.0	127.7	127.7	127.7
0.0	5°	117.4	120.8	122.5	124.2	126.0	127.7	129.4	131.1	132.8	132.8
0.0	7.5°	115.7	117.4	120.8	122.5	126.0	127.7	131.1	132.8	134.5	136.2
0.0	10°	112.3	115.7	119.1	122.5	126.0	129.4	132.8	136.2	139.6	141.3
0.0	12.5°	108.9	114.0	117.4	120.8	126.0	131.1	134.5	139.6	143.0	146.4
0.0	15°	107.2	110.6	115.7	119.1	126.0	132.8	137.9	144.7	151.5	156.6
0.0	17.5°	102.1	108.9	114.0	119.1	126.0	134.5	141.3	148.1	158.3	168.5
0.0	20°	95.3	100.4	107.2	112.3	122.5	131.1	141.3	149.8	165.1	180.4
0.0	22.5°	88.5	95.3	100.4	107.2	119.1	129.4	141.3	151.5	177.0	200.8
0.0	25°	81.7	90.2	97.0	103.8	117.4	131.1	144.7	158.3	200.8	243.4
0.0	27.5°	78.3	85.1	93.6	100.4	117.4	136.2	153.2	170.2	238.3	304.7
0.0	30°	73.2	81.7	88.5	97.0	119.1	141.3	163.4	185.5	289.3	393.2
0.0	32.5°	68.1	76.6	85.1	93.6	122.5	151.5	178.7	207.6	343.8	478.3
0.0	35°	63.0	73.2	81.7	90.2	127.7	166.8	204.2	241.7	393.2	543.0
0.0	37.5°	61.3	71.5	80.0	88.5	129.4	168.5	209.4	248.5	398.3	548.1
0.0	40°	63.0	71.5	81.7	90.2	124.2	158.3	190.6	224.7	381.3	536.1
0.0	42.5°	63.0	73.2	83.4	93.6	120.8	148.1	175.3	202.5	376.2	549.8
0.0	45°	61.3	71.5	81.7	91.9	117.4	141.3	166.8	190.6	406.8	621.2
0.0	47.5°	59.6	69.8	80.0	90.2	115.7	141.3	166.8	192.3	525.9	857.8
0.0	50°	59.6	69.8	78.3	86.8	117.4	149.8	180.4	211.1	765.9	1319.1
0.0	52.5°	63.0	71.5	78.3	85.1	120.8	158.3	194.0	229.8	973.6	1715.7
0.0	55°	68.1	73.2	80.0	85.1	129.4	171.9	216.2	258.7	1036.5	1814.4
0.0	57.5°	74.9	80.0	85.1	90.2	144.7	199.1	251.9	306.4	1041.6	1775.2
0.0	60°	83.4	90.2	95.3	100.4	158.3	217.9	275.7	333.6	942.9	1550.6
0.0	62.5°	102.1	110.6	117.4	126.0	182.1	236.6	292.8	347.2	782.9	1218.7
0.0	65°	117.4	124.2	131.1	137.9	192.3	248.5	303.0	357.4	663.8	970.2
0.0	67.5°	120.8	127.7	132.8	139.6	195.7	251.9	306.4	362.5	568.5	772.7
	70°	122.5	131.1	141.3	149.8	207.6	265.5	321.7	379.6	503.8	628.1
	72.5°	117.4	134.5	149.8	165.1	219.6	272.3	326.8	379.6	468.1	556.6
	75°	117.4	141.3	163.4	185.5	226.4	265.5	306.4	345.5	413.6	481.7
	77.5°	124.2	154.9	185.5	216.2	240.0	262.1	285.9	308.1	352.3	396.6
	80°	124.2	156.6	187.2	219.6	229.8	241.7	251.9	262.1	267.2	272.3
	82.5°	107.2	132.8	158.3	183.8	171.9	160.0	148.1	136.2	127.7	117.4
	85°	54.5	59.6	63.0	66.4	61.3	56.2	51.1	46.0	42.6	37.4
	87.5°	22.1	22.1	20.4	20.4	20.4	20.4	18.7	18.7	18.7	18.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
98.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
209.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
267.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
362.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
503.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
682.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
852.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
968.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1055.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1142.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1312.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1652.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2519.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3858.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4857.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4968.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4483.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3833.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2995.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2263.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1671.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1182.9											
880.0											
640.0											
481.7											
270.6											
122.5											
35.7											
17.0											
0.0											
0.0											
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REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-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°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	127.7	126.0	126.0	124.2	122.5	120.8	119.1	117.4	115.7	114.0
0.0	5°	132.8	132.8	132.8	131.1	131.1	129.4	129.4	127.7	126.0	124.2
0.0	7.5°	137.9	139.6	139.6	141.3	141.3	141.3	141.3	139.6	139.6	139.6
0.0	10°	146.4	148.1	149.8	151.5	153.2	154.9	154.9	156.6	156.6	156.6
0.0	12.5°	156.6	161.7	165.1	170.2	173.6	178.7	182.1	187.2	190.6	194.0
0.0	15°	171.9	180.4	190.6	199.1	207.6	219.6	233.2	245.1	257.0	275.7
0.0	17.5°	194.0	221.3	248.5	274.0	301.3	360.8	420.4	478.3	537.8	624.6
0.0	20°	236.6	318.3	398.3	480.0	560.0	769.3	977.0	1186.3	1394.0	1616.9
0.0	22.5°	331.9	532.7	733.6	934.4	1135.3	1572.7	2008.4	2445.8	2881.6	3393.9
0.0	25°	481.7	851.0	1220.4	1588.0	1957.3	2641.6	3327.5	4011.7	4695.9	5361.4
0.0	27.5°	701.2	1266.3	1831.4	2394.8	2959.8	3887.5	4816.8	5744.4	6672.0	7424.3
0.0	30°	971.9	1737.8	2503.7	3269.6	4035.5	5090.8	6146.1	7199.6	8254.9	9077.0
0.0	32.5°	1227.2	2165.0	3102.8	4038.9	4976.8	6178.4	7381.7	8583.4	9785.0	10683.7
0.0	35°	1394.0	2527.5	3662.8	4796.3	5929.9	7230.3	8530.6	9829.3	11129.6	12156.0
0.0	37.5°	1560.8	2869.6	4176.8	5485.7	6792.8	8220.9	9648.9	11076.9	12504.9	13772.9
0.0	40°	1748.0	3283.2	4816.8	6352.0	7885.5	9577.4	11267.5	12959.3	14649.5	16438.3
0.0	42.5°	2073.1	3969.2	5866.9	7763.0	9659.1	11897.3	14135.4	16371.9	18610.1	21163.2
0.0	45°	2684.1	5356.3	8030.2	10702.4	13374.6	16339.6	19306.2	22271.2	25236.1	28633.4
0.0	47.5°	4180.2	7856.6	11531.3	15207.7	18882.4	22084.0	25283.8	28485.3	31685.2	35068.8
0.0	50°	6396.3	10675.2	14954.1	19231.3	23510.3	26407.1	29302.3	32199.2	35094.4	38312.9
0.0	52.5°	7999.6	12457.2	16916.6	21374.2	25831.9	28446.2	31062.2	33676.6	36290.9	39298.4
0.0	55°	8120.4	12552.5	16986.4	21418.5	25850.6	28476.8	31103.1	33729.3	36355.6	39543.5
0.0	57.5°	7189.4	11585.8	15980.4	20376.8	24771.5	27762.0	30750.7	33741.2	36730.0	40176.6
0.0	60°	6115.4	10513.5	14909.9	19307.9	23704.3	27149.2	30595.9	34040.8	37485.7	40714.5
0.0	62.5°	4770.8	9294.8	13820.6	18344.6	22868.6	26366.3	29864.0	33360.0	36857.7	39279.7
0.0	65°	3555.6	7948.5	12341.5	16732.7	21125.7	23927.3	26728.8	29528.7	32330.2	33829.7
0.0	67.5°	2570.1	6358.8	10145.9	13934.6	17721.6	19726.6	21731.6	23734.9	25739.9	26887.1
	70°	1737.8	4362.3	6985.2	9609.7	12232.6	13880.1	15529.4	17177.0	18824.6	20373.4
	72.5°	1203.3	2677.3	4153.0	5626.9	7100.9	8758.7	10414.8	12072.6	13728.6	15367.7
	75°	798.3	1468.9	2141.2	2811.8	3482.4	4709.5	5938.4	7165.6	8392.8	9369.7
	77.5°	566.8	767.6	970.2	1171.0	1371.8	1601.6	1833.1	2062.9	2292.6	2641.6
	80°	268.9	294.5	320.0	343.8	369.3	452.7	536.1	619.5	702.9	791.4
	82.5°	127.7	137.9	148.1	156.6	166.8	175.3	183.8	192.3	200.8	192.3
	85°	34.0	34.0	35.7	35.7	35.7	35.7	35.7	35.7	35.7	34.0
	87.5°	15.3	15.3	15.3	15.3	15.3	15.3	15.3	13.6	13.6	11.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
98.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
195.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
296.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
709.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1841.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3906.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6026.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8176.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9900.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11584.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13182.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15042.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18227.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23716.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32030.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38452.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41531.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42305.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42733.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43623.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43941.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41703.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35330.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28036.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21920.6											
17006.8											
10346.7											
2990.5											
880.0											
182.1											
32.3											
11.9											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	2.5°	110.6	108.9	107.2	105.5	103.8	100.4	100.4	98.7	98.7
0.0	5°	120.8	119.1	117.4	115.7	115.7	114.0	112.3	112.3	110.6
0.0	7.5°	137.9	136.2	134.5	132.8	132.8	131.1	131.1	129.4	129.4
0.0	10°	158.3	158.3	158.3	158.3	158.3	156.6	156.6	156.6	154.9
0.0	12.5°	199.1	200.8	204.2	207.6	212.8	212.8	212.8	211.1	211.1
0.0	15°	314.9	333.6	347.2	360.8	372.7	400.0	396.6	391.5	388.1
0.0	17.5°	796.6	881.7	927.6	971.9	1017.8	1143.8	1123.3	1102.9	1084.2
0.0	20°	2064.6	2287.5	2435.6	2583.7	2733.5	2970.1	2912.2	2854.3	2796.5
0.0	22.5°	4416.8	4929.1	5152.1	5375.0	5596.3	5882.2	5696.7	5511.2	5327.4
0.0	25°	6690.7	7356.2	7732.4	8108.5	8483.0	8646.4	8404.7	8161.3	7919.6
0.0	27.5°	8928.9	9681.2	10013.1	10343.3	10675.2	11017.3	10717.7	10416.5	10116.9
0.0	30°	10722.8	11544.9	11904.1	12261.5	12620.6	12858.9	12549.1	12237.7	11927.9
0.0	32.5°	12482.8	13381.4	13774.6	14167.8	14559.2	14901.4	14520.1	14137.1	13755.9
0.0	35°	14206.9	15233.3	15774.5	16315.7	16857.0	17175.3	16722.5	16268.1	15815.3
0.0	37.5°	16310.6	17578.7	18184.6	18790.5	19396.4	19976.8	19478.1	18977.7	18479.0
0.0	40°	20016.0	21804.8	22734.1	23665.2	24594.5	25343.4	24713.6	24083.9	23454.1
0.0	42.5°	26269.3	28822.3	30158.4	31492.8	32828.9	33998.2	33336.1	32674.1	32012.0
0.0	45°	35427.9	38825.2	40454.1	42081.2	43710.1	44564.5	43611.4	42656.5	41703.4
0.0	47.5°	41834.4	45218.1	46668.2	48118.4	49568.5	50543.8	49377.9	48212.0	47047.8
0.0	50°	44748.3	47966.9	49422.1	50875.7	52330.9	53105.3	51759.0	50411.0	49064.7
0.0	52.5°	45311.7	48319.2	50055.3	51793.1	53529.1	54564.0	52974.3	51382.9	49793.2
0.0	55°	45921.0	49108.9	51122.5	53137.7	55151.2	56584.3	54786.9	52987.9	51190.5
0.0	57.5°	47068.2	50514.8	52523.2	54529.9	56538.3	57755.3	55952.8	54148.7	52346.2
0.0	60°	47170.3	50397.4	52123.3	53850.8	55576.7	56342.6	54618.4	52892.6	51168.4
0.0	62.5°	44125.4	46547.4	47745.6	48943.8	50142.1	50974.4	49175.3	47374.6	45575.5
0.0	65°	36830.4	38329.9	39284.8	40239.6	41194.5	42186.7	40539.2	38891.6	37244.0
0.0	67.5°	29183.2	30330.3	31588.1	32846.0	34103.8	35164.1	33845.1	32524.3	31205.2
	70°	23469.4	25016.6	26431.0	27845.4	29259.8	30127.8	28803.6	27477.7	26153.5
	72.5°	18645.8	20284.9	21466.1	22645.6	23826.8	24039.6	23066.0	22092.5	21120.6
	75°	11322.0	12298.9	12322.8	12344.9	12368.7	12571.3	11764.5	10957.7	10152.7
	77.5°	3339.4	3688.3	3976.0	4261.9	4549.6	4896.8	4600.6	4302.8	4006.6
	80°	966.8	1055.3	1130.2	1203.3	1278.2	1234.0	1164.2	1094.4	1024.6
	82.5°	173.6	163.4	161.7	160.0	160.0	151.5	137.9	124.2	110.6
	85°	30.6	28.9	27.2	25.5	23.8	22.1	18.7	17.0	13.6
	87.5°	10.2	8.5	6.8	5.1	5.1	1.7	1.7	1.7	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-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°	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0.0	0.0	2.5°	97.0	95.3	95.3	95.3	95.3	93.6	93.6	93.6	93.6
0.0	0.0	5°	107.2	107.2	105.5	105.5	103.8	103.8	102.1	102.1	100.4
0.0	0.0	7.5°	126.0	124.2	122.5	120.8	119.1	115.7	114.0	112.3	112.3
0.0	0.0	10°	151.5	148.1	146.4	143.0	141.3	137.9	134.5	131.1	127.7
0.0	0.0	12.5°	199.1	192.3	187.2	180.4	173.6	168.5	161.7	156.6	149.8
0.0	0.0	15°	345.5	328.5	309.8	287.6	263.8	241.7	217.9	204.2	188.9
0.0	0.0	17.5°	883.4	794.9	704.6	631.5	558.3	486.8	413.6	360.8	308.1
0.0	0.0	20°	2248.4	2003.3	1758.2	1516.5	1273.1	1031.4	788.0	665.5	543.0
0.0	0.0	22.5°	4231.3	3776.8	3320.7	2879.9	2437.3	1996.5	1555.7	1278.2	1002.5
0.0	0.0	25°	6530.7	5958.8	5387.0	4661.9	3935.1	3210.0	2485.0	2033.9	1582.9
0.0	0.0	27.5°	8498.3	7839.6	7180.9	6299.2	5417.6	4535.9	3654.3	2982.0	2311.4
0.0	0.0	30°	10202.0	9494.0	8785.9	7759.6	6733.3	5706.9	4680.6	3839.8	2999.0
0.0	0.0	32.5°	11679.4	10831.8	9984.2	8925.5	7866.8	6808.2	5749.5	4718.1	3686.6
0.0	0.0	35°	13383.1	12394.3	11403.7	10229.3	9053.1	7878.7	6704.3	5540.1	4374.2
0.0	0.0	37.5°	15548.1	14334.6	13119.3	11810.5	10501.6	9194.4	7885.5	6554.6	5223.6
0.0	0.0	40°	19692.6	18126.7	16560.8	14898.0	13233.4	11570.5	9907.6	8273.6	6639.7
0.0	0.0	42.5°	27118.6	25003.0	22887.3	20674.7	18460.3	16247.7	14033.3	11728.8	9422.5
0.0	0.0	45°	35499.4	32874.9	30248.6	27765.4	25280.4	22797.1	20313.8	17151.5	13989.1
0.0	0.0	47.5°	40212.4	37378.5	34544.6	32194.1	29843.6	27493.0	25142.5	21733.3	18324.2
0.0	0.0	50°	41946.8	39061.8	36176.8	34013.6	31848.6	29685.3	27520.3	24106.0	20690.0
0.0	0.0	52.5°	42316.1	39373.3	36430.5	34253.5	32076.6	29901.4	27724.5	24332.4	20940.2
0.0	0.0	55°	43075.2	39917.9	36758.9	34277.4	31795.8	29314.2	26832.7	23386.0	19939.4
0.0	0.0	57.5°	44067.5	40830.2	37592.9	34765.9	31938.8	29113.4	26286.3	22518.0	18749.7
0.0	0.0	60°	43807.1	40990.2	38171.6	35143.7	32114.1	29086.2	26056.5	21912.1	17765.9
0.0	0.0	62.5°	39286.5	37043.2	34798.2	32308.1	29816.3	27326.2	24836.2	20569.1	16302.1
0.0	0.0	65°	32320.0	30682.7	29045.3	27042.0	25037.0	23033.7	21030.4	17204.2	13379.7
0.0	0.0	67.5°	26194.4	24349.4	22502.7	20906.1	19307.9	17711.4	16113.2	13102.3	10091.4
		70°	20810.8	18804.1	16795.7	15236.7	13675.9	12116.8	10557.8	8556.2	6556.3
		72.5°	16526.8	14717.5	12908.3	11245.4	9580.8	7917.9	6253.3	5070.4	3887.5
		75°	7899.2	7175.8	6452.4	5582.7	4712.9	3843.2	2973.5	2457.7	1943.7
		77.5°	2927.5	2537.7	2146.3	1792.2	1438.2	1085.9	731.9	670.6	609.3
		80°	757.4	660.4	561.7	491.9	420.4	350.6	280.8	253.6	228.1
		82.5°	86.8	80.0	74.9	71.5	66.4	63.0	57.9	52.8	47.7
		85°	5.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049346
CATALOG NUMBER: GALN-SA8B-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049346

CATALOG NUMBER: GALN-SA8B-930-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	98.7	98.7
0.0	0.0	2.5°	91.9	90.2
0.0	0.0	5°	97.0	95.3
0.0	0.0	7.5°	107.2	103.8
0.0	0.0	10°	117.4	114.0
0.0	0.0	12.5°	132.8	127.7
0.0	0.0	15°	149.8	139.6
0.0	0.0	17.5°	178.7	156.6
0.0	0.0	20°	241.7	185.5
0.0	0.0	22.5°	340.4	231.5
0.0	0.0	25°	500.4	320.0
0.0	0.0	27.5°	696.1	425.5
0.0	0.0	30°	925.9	532.7
0.0	0.0	32.5°	1128.5	634.9
0.0	0.0	35°	1392.3	738.7
0.0	0.0	37.5°	1717.4	871.4
0.0	0.0	40°	2221.2	1072.3
0.0	0.0	42.5°	3128.3	1443.3
0.0	0.0	45°	5080.6	2495.2
0.0	0.0	47.5°	7817.5	4127.4
0.0	0.0	50°	9563.8	5267.8
0.0	0.0	52.5°	9706.7	5259.3
0.0	0.0	55°	8860.8	4675.5
0.0	0.0	57.5°	7560.5	3907.9
0.0	0.0	60°	6283.9	3090.9
0.0	0.0	62.5°	4951.2	2134.4
0.0	0.0	65°	3618.5	1509.7
0.0	0.0	67.5°	2599.0	1128.5
		70°	1708.8	864.6
		72.5°	1113.1	704.6
		75°	748.9	583.8
		77.5°	437.4	388.1
		80°	154.9	136.2
		82.5°	28.9	20.4
		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: P1049346

CATALOG NUMBER: GALN-SA8B-930-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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

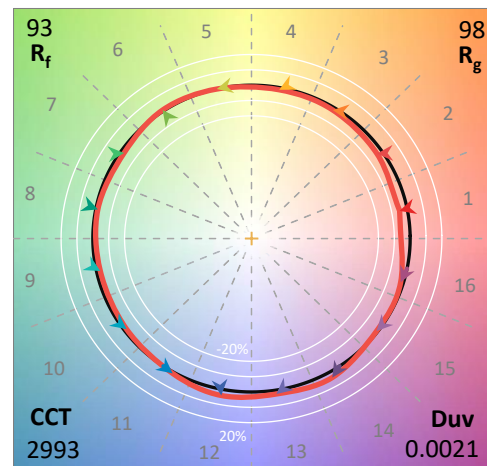
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-14
 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-930-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2993
 CIE u' : 0.2501
 CIE v' : 0.5245
 Duv: 0.0021
 CIE x: 0.4406
 CIE y: 0.4107
 CIE z: 0.1487
 Peak Wavelength (nm): 621
 Dominant Wavelength (nm): 582
 Purity: 55.53327
 R_f: 92.6
 R_g: 98.5

CRI (Ra): 92.4
 R1: 92.2
 R2: 95.2
 R3: 97.0
 R4: 93.1
 R5: 91.7
 R6: 94.2
 R7: 93.3
 R8: 82.3
 R9: 58.2
 R10: 87.7
 R11: 93.5
 R12: 81.7
 R13: 92.9
 R14: 97.6
 R15: 88.1



Test Conditions

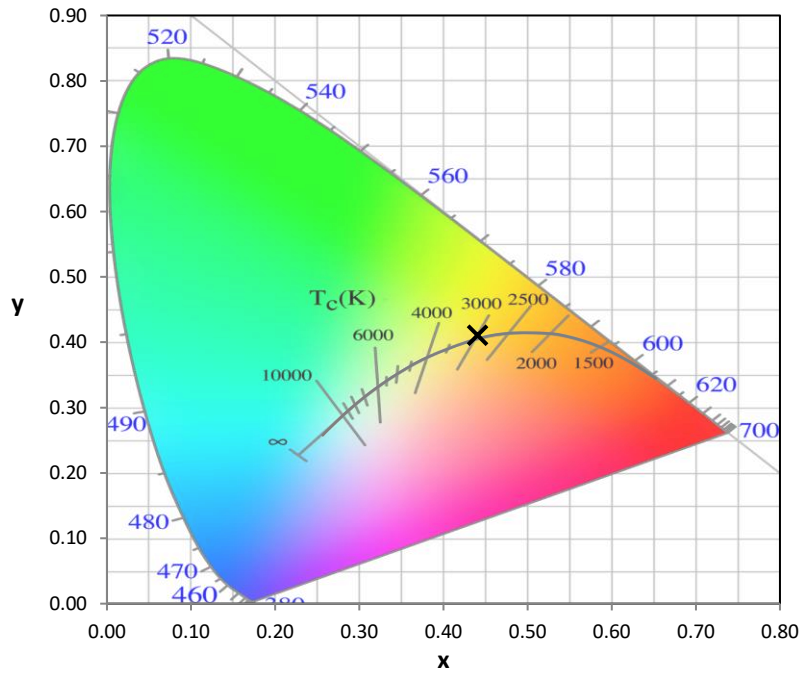
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

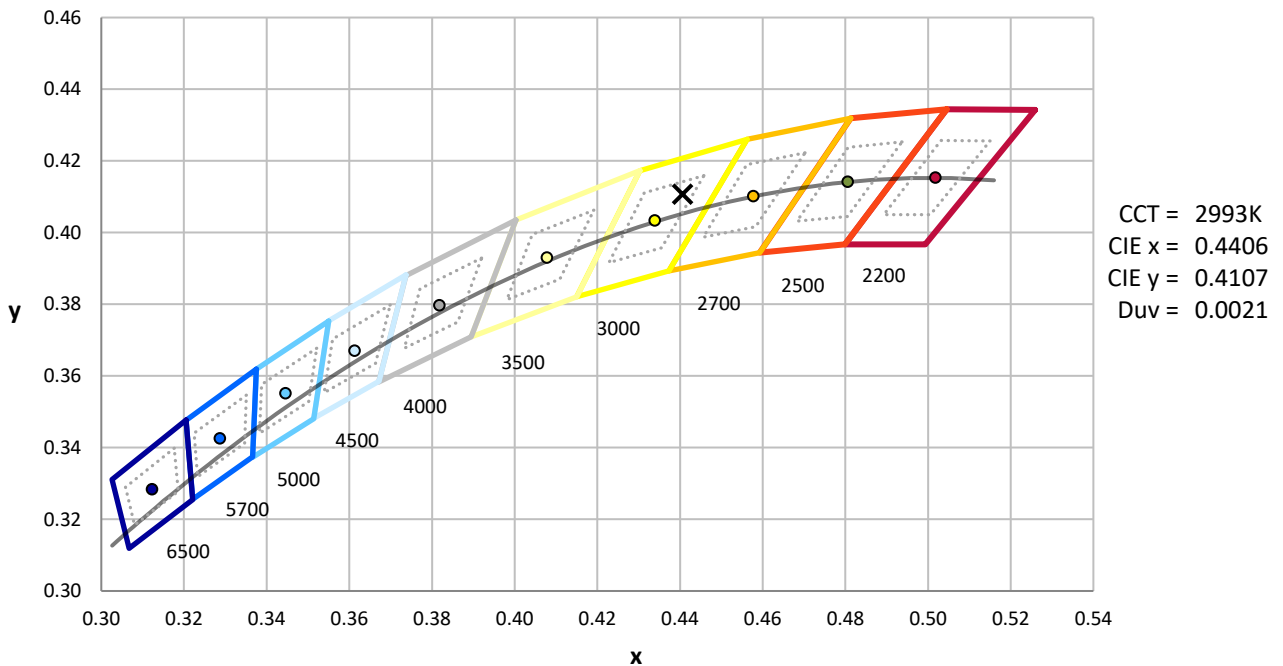
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram



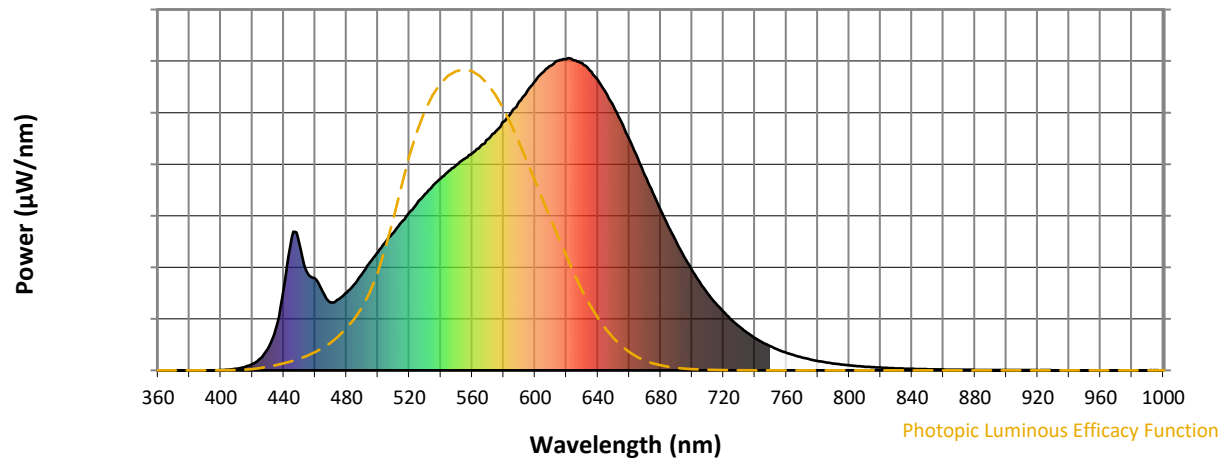
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

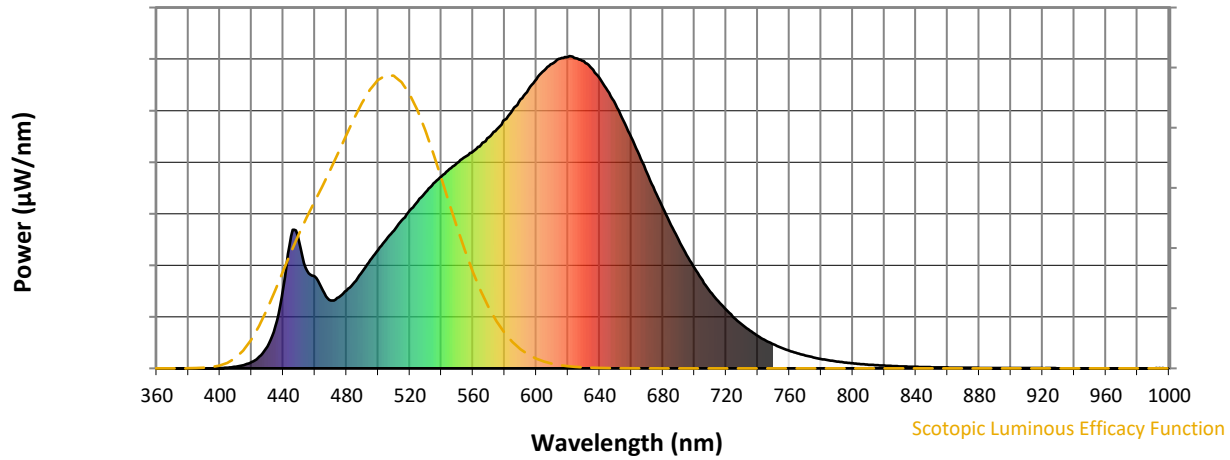


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength



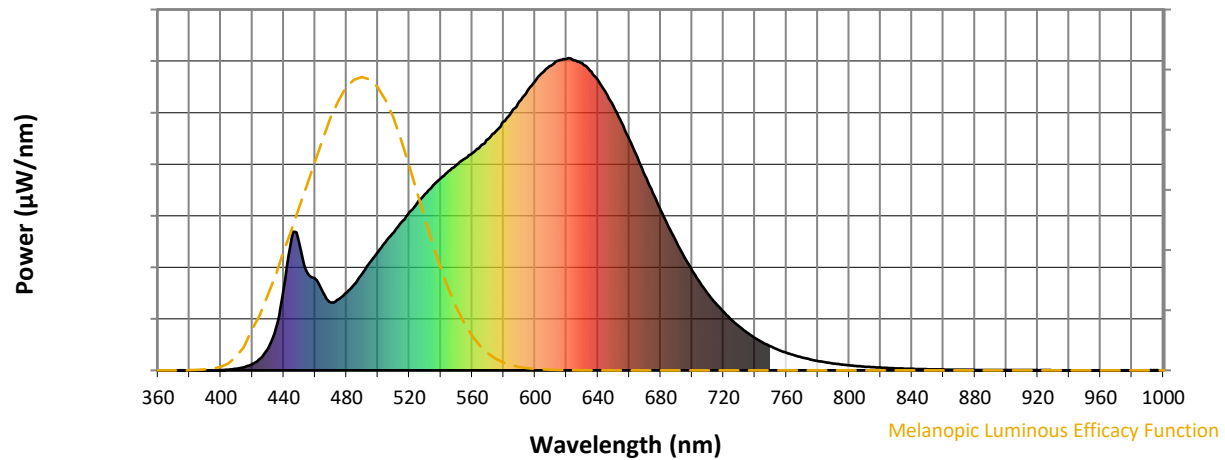
Scotopic Lumens: NR

S/P: 1.39

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.69

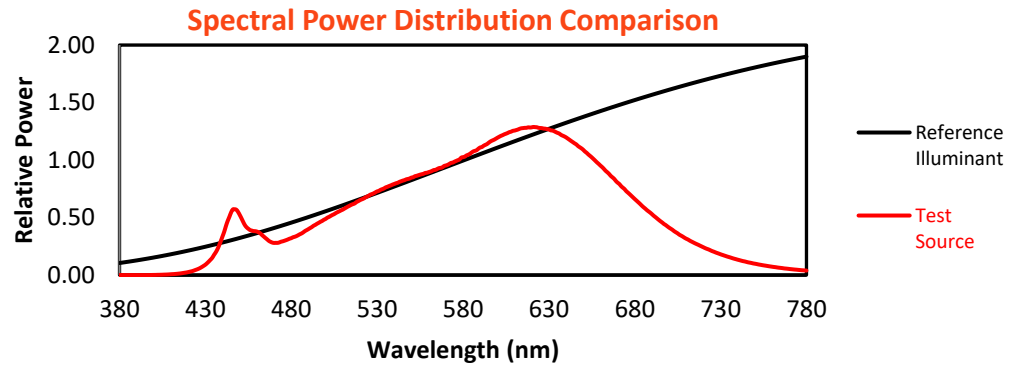
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

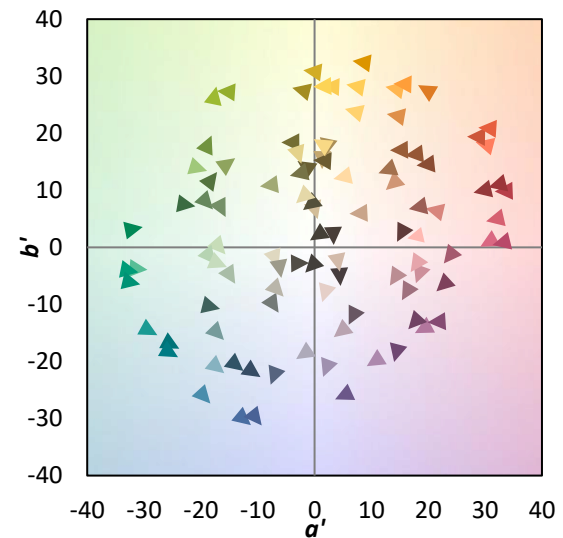
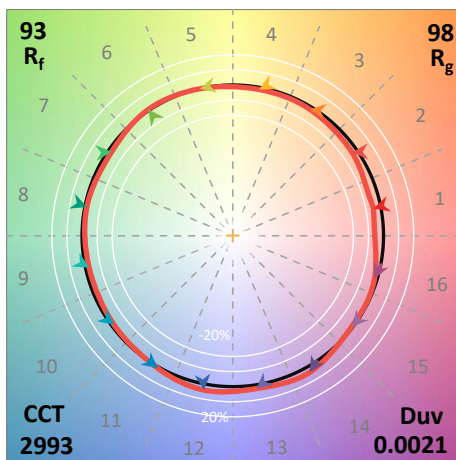
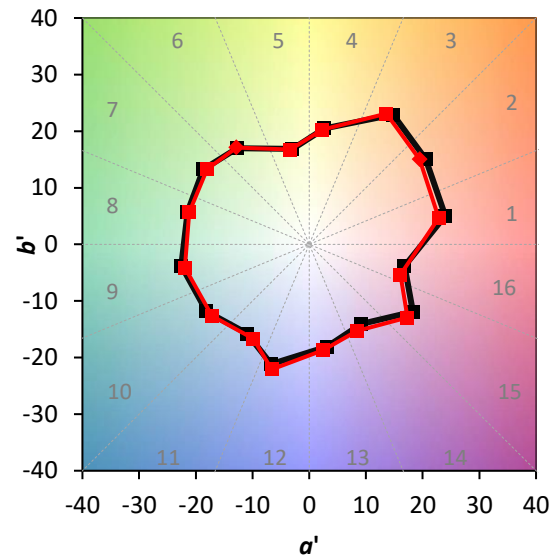
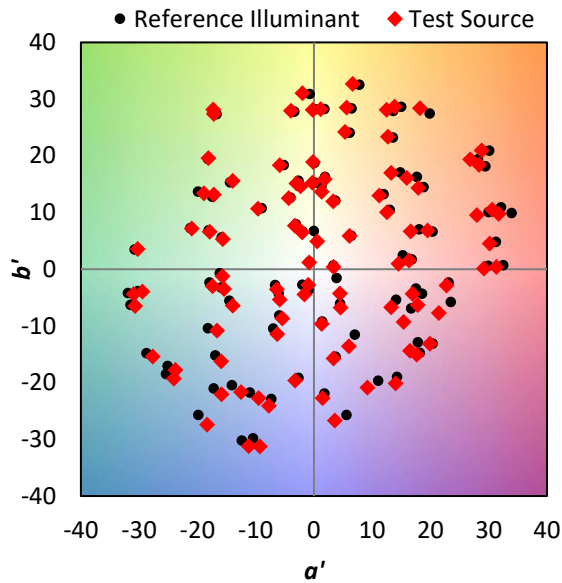
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $CIE R_a = 92.4$
 $R_9 = 58.2$

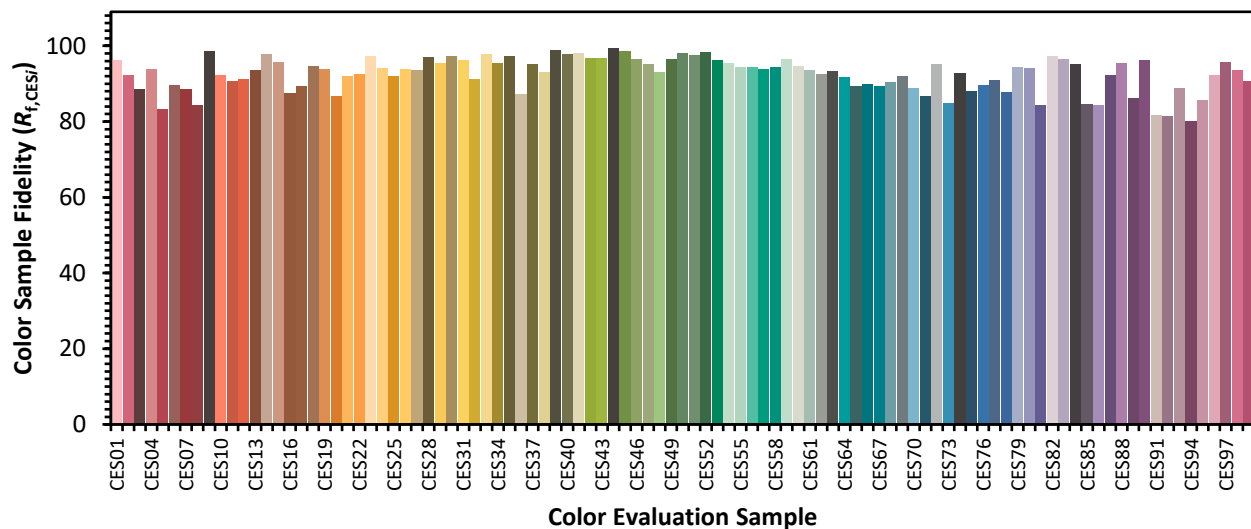


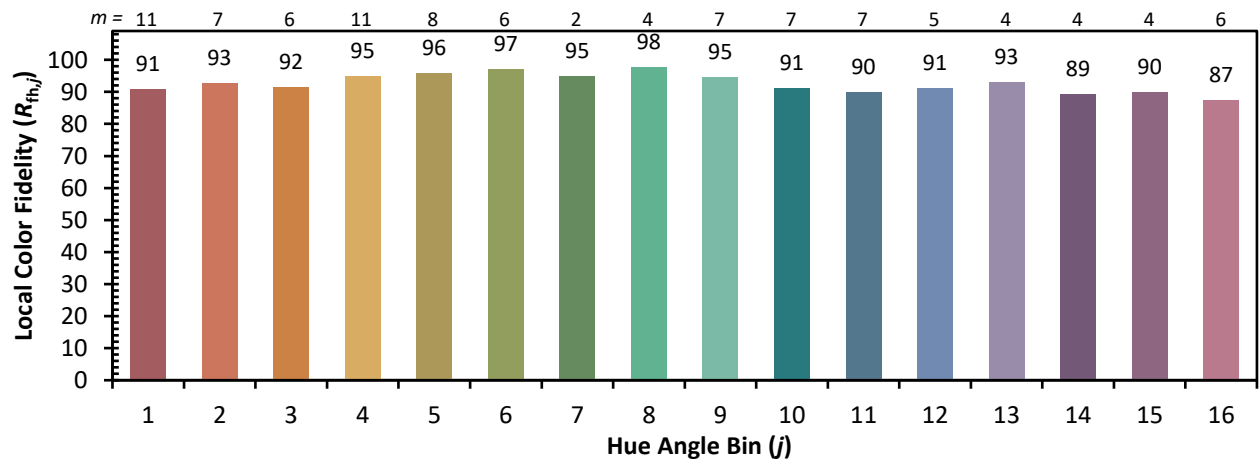
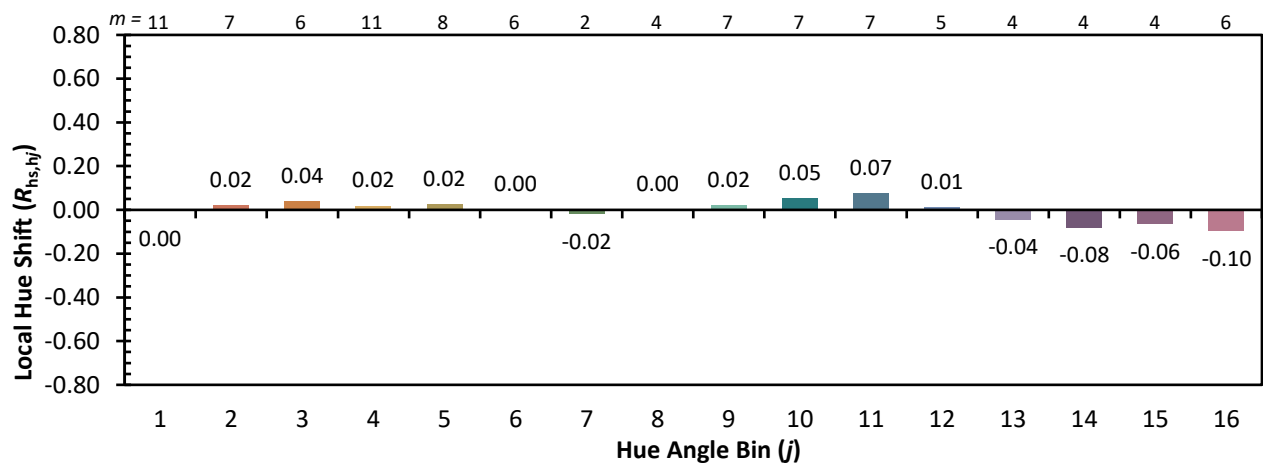
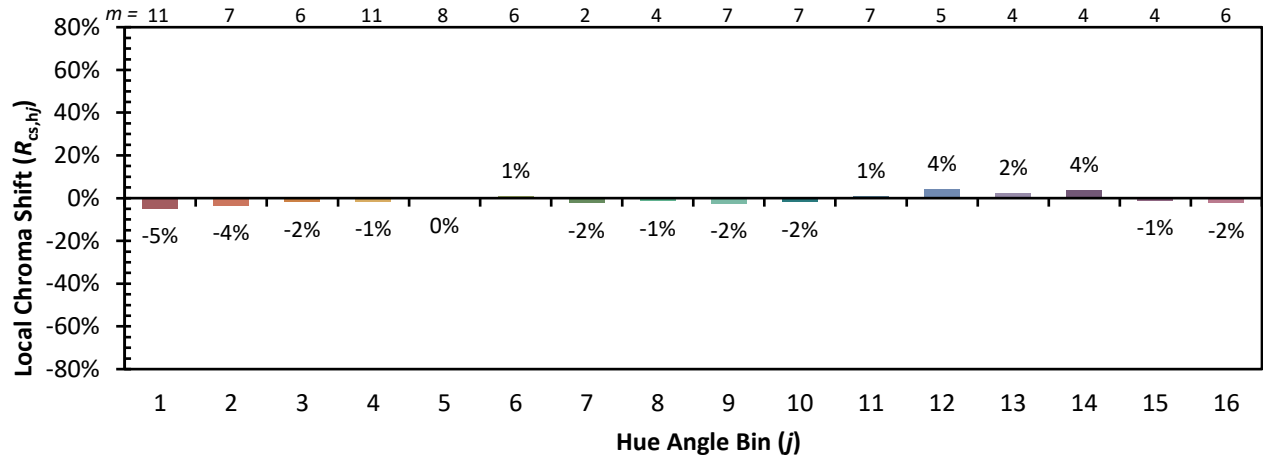
Color Vector Graphics



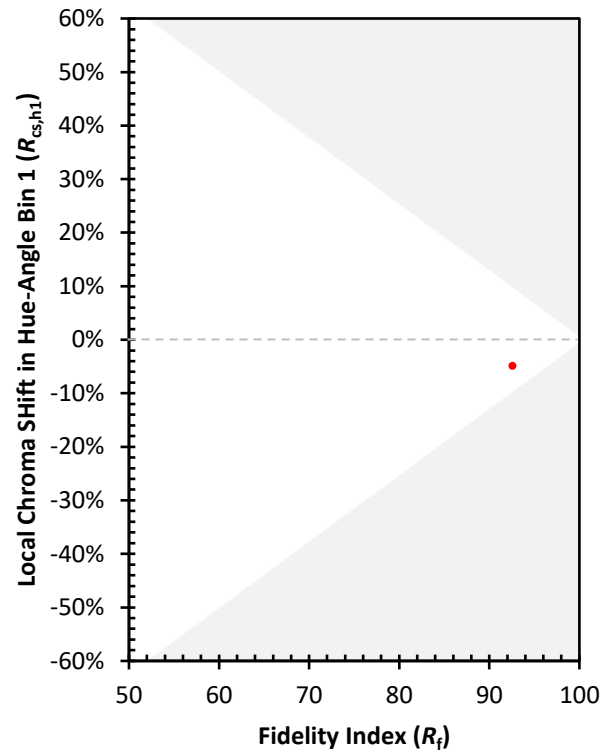
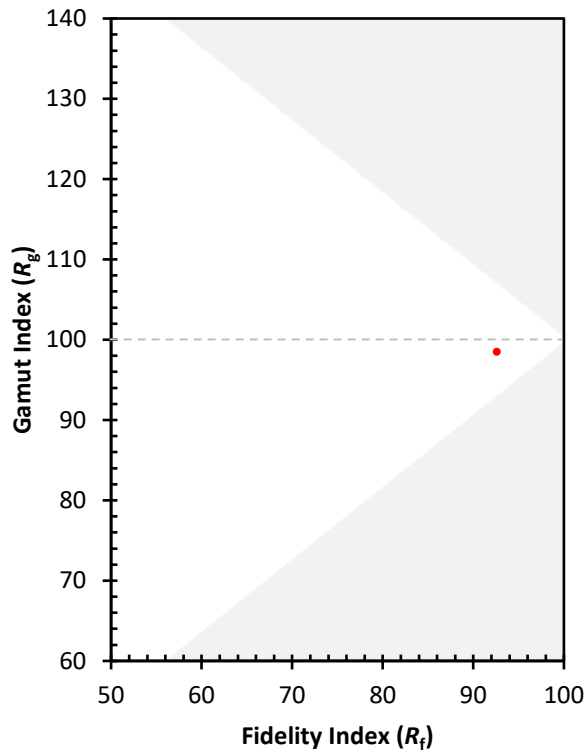
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)