

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: P1049447

Luminaire Tested: **GALN-SA6C-950-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049447
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6C-950-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 6xLight Square PACKAGE
90CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (84) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23929.3 lumens
Efficiency: N/A
Efficacy: 84.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

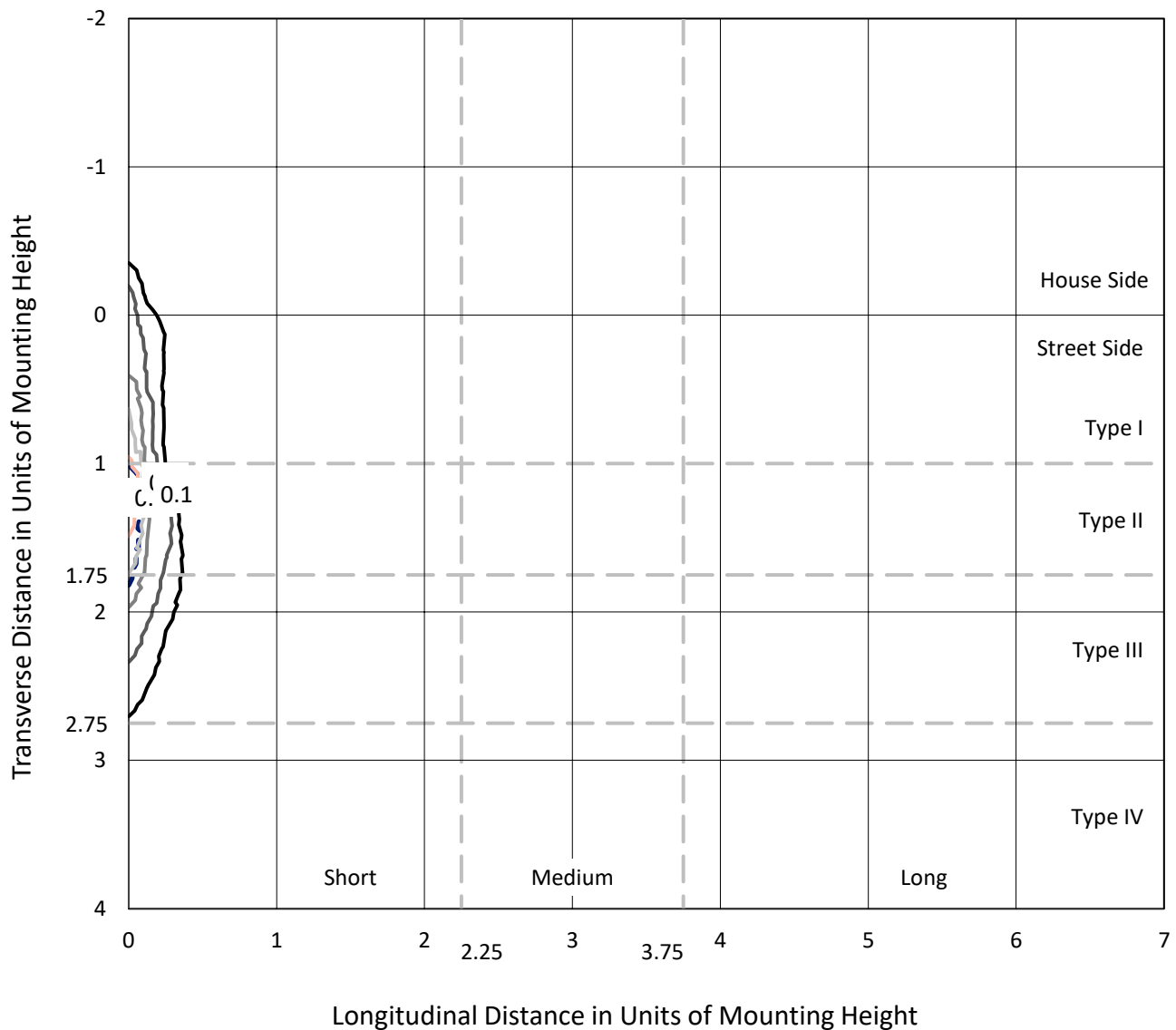
Input Watts (W): 282.5
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

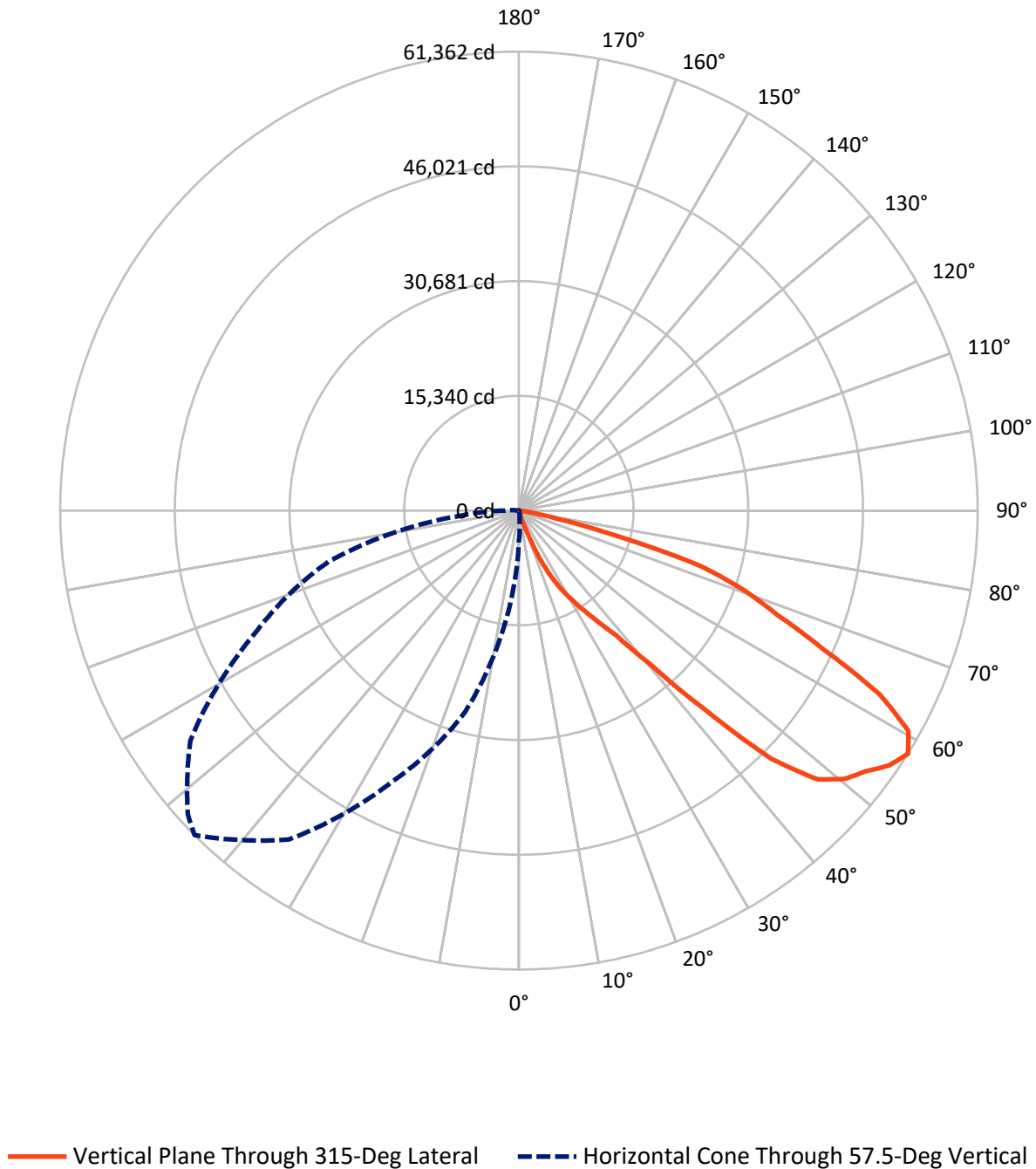
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 3.5 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	119.8	0.0	119.8
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	23809.5	0.0	23809.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	23929.3	0.0	23929.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.4	0.0
10°-20°	52.6	0.2
20°-30°	567.1	2.4
30°-40°	1677.0	7.0
40°-50°	4997.9	20.9
50°-60°	7924.8	33.1
60°-70°	6615.3	27.6
70°-80°	2039.9	8.5
80°-90°	45.4	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°	23929.3	100.0
0°-180°	23929.3	100.0



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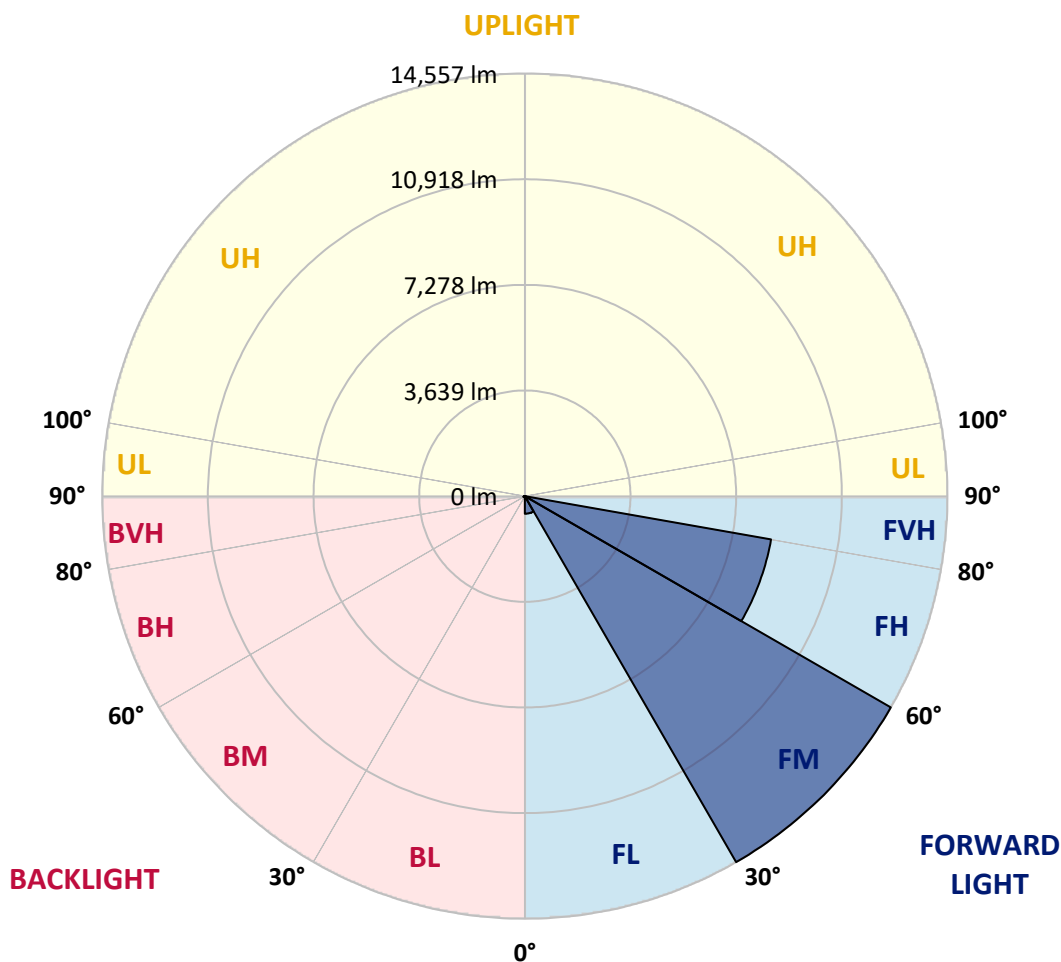
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	607.0	2.5			
FM	(30°-60°)	14556.9	60.8			
FH	(60°-80°)	8610.5	36.0			G4/12000
FVH	(80°-90°)	35.1	0.1			G1/100
BL	(0°-30°)	22.0	0.1	B0/110		
BM	(30°-60°)	42.8	0.2	B0/220		
BH	(60°-80°)	44.7	0.2	B0/110		G0/110
BVH	(80°-90°)	10.3	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°	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9
2.5°	95.8	95.8	95.8	95.8	94.0	94.0	92.2	92.2	90.4	90.4
5°	101.3	101.3	99.5	97.6	97.6	95.8	94.0	92.2	92.2	90.4
7.5°	110.3	108.5	106.7	104.9	101.3	99.5	95.8	94.0	92.2	88.6
10°	121.2	117.5	113.9	110.3	106.7	103.1	99.5	97.6	94.0	92.2
12.5°	135.6	130.2	123.0	117.5	113.9	108.5	104.9	101.3	95.8	92.2
15°	148.3	141.0	132.0	124.8	119.3	112.1	106.7	101.3	97.6	92.2
17.5°	166.4	153.7	139.2	130.2	123.0	113.9	104.9	99.5	94.0	86.8
20°	197.1	171.8	144.7	133.8	123.0	112.1	101.3	94.0	88.6	81.4
22.5°	245.9	202.5	159.1	142.9	128.4	112.1	97.6	90.4	83.2	75.9
25°	340.0	262.2	184.4	162.7	141.0	119.3	97.6	88.6	81.4	72.3
27.5°	452.1	336.3	218.8	188.1	159.1	128.4	97.6	86.8	77.8	66.9
30°	566.0	412.3	256.8	217.0	177.2	137.4	97.6	85.0	74.1	61.5
32.5°	674.5	482.8	289.3	242.3	195.3	146.5	99.5	85.0	70.5	56.1
35°	784.8	540.7	294.8	245.9	197.1	146.5	97.6	81.4	66.9	50.6
37.5°	925.9	605.8	283.9	235.1	188.1	139.2	92.2	77.8	63.3	47.0
40°	1139.2	714.3	289.3	238.7	188.1	137.4	86.8	72.3	59.7	45.2
42.5°	1533.5	924.1	312.8	255.0	197.1	137.4	79.6	66.9	56.1	43.4
45°	2651.0	1535.3	419.5	332.7	245.9	159.1	72.3	61.5	52.4	41.6
47.5°	4385.2	2569.6	754.1	582.3	412.3	240.5	70.5	61.5	52.4	41.6
50°	5596.7	3273.1	949.4	730.6	511.8	292.9	74.1	63.3	54.2	43.4
52.5°	5587.7	3323.7	1057.9	811.9	567.8	321.9	77.8	66.9	57.9	47.0
55°	4967.4	3023.5	1077.8	828.2	580.5	330.9	83.2	72.3	61.5	50.6
57.5°	4151.9	2567.8	983.7	761.3	540.7	318.3	95.8	83.2	72.3	59.7
60°	3283.9	2025.3	766.7	605.8	446.7	285.7	126.6	110.3	95.8	79.6
62.5°	2267.6	1468.4	669.1	537.1	406.9	274.9	144.7	128.4	113.9	97.6
65°	1604.0	1104.9	604.0	491.9	381.6	269.4	157.3	139.2	123.0	104.9
67.5°	1198.9	878.8	557.0	461.1	365.3	269.4	173.6	151.9	132.0	110.3
70°	918.6	721.5	522.6	444.8	368.9	291.1	213.4	182.6	153.7	123.0
72.5°	748.6	616.6	482.8	426.8	370.7	314.6	258.6	218.8	179.0	137.4
75°	620.3	528.0	435.8	388.8	343.6	296.6	249.5	213.4	179.0	142.9
77.5°	412.3	376.1	338.2	311.0	283.9	255.0	227.8	197.1	168.2	137.4
80°	144.7	139.2	133.8	144.7	155.5	166.4	177.2	155.5	135.6	113.9
82.5°	21.7	19.9	18.1	19.9	21.7	23.5	25.3	27.1	28.9	30.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA6C-950-U-RBC

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°	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9
0.0	2.5°	88.6	88.6	86.8	86.8	86.8	85.0	85.0	83.2	83.2	83.2
0.0	5°	86.8	86.8	85.0	83.2	81.4	81.4	79.6	77.8	77.8	75.9
0.0	7.5°	85.0	83.2	81.4	79.6	77.8	75.9	74.1	72.3	72.3	70.5
0.0	10°	86.8	83.2	81.4	77.8	75.9	74.1	70.5	68.7	66.9	66.9
0.0	12.5°	83.2	81.4	77.8	74.1	72.3	68.7	66.9	63.3	61.5	61.5
0.0	15°	83.2	79.6	74.1	70.5	66.9	65.1	61.5	57.9	56.1	54.2
0.0	17.5°	77.8	74.1	68.7	65.1	61.5	57.9	54.2	50.6	48.8	47.0
0.0	20°	70.5	66.9	61.5	56.1	52.4	48.8	45.2	41.6	39.8	38.0
0.0	22.5°	63.3	59.7	54.2	48.8	45.2	41.6	36.2	32.5	30.7	27.1
0.0	25°	59.7	54.2	48.8	43.4	38.0	34.4	28.9	23.5	19.9	16.3
0.0	27.5°	50.6	45.2	39.8	34.4	28.9	23.5	18.1	12.7	9.0	7.2
0.0	30°	43.4	38.0	32.5	27.1	19.9	14.5	9.0	1.8	1.8	1.8
0.0	32.5°	36.2	30.7	23.5	18.1	14.5	9.0	5.4	0.0	0.0	0.0
0.0	35°	28.9	23.5	16.3	10.8	9.0	5.4	3.6	0.0	0.0	0.0
0.0	37.5°	25.3	19.9	12.7	5.4	3.6	3.6	1.8	0.0	0.0	0.0
0.0	40°	23.5	16.3	9.0	1.8	1.8	1.8	0.0	0.0	0.0	0.0
0.0	42.5°	23.5	16.3	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	23.5	16.3	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	23.5	16.3	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	25.3	18.1	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	28.9	21.7	14.5	7.2	5.4	3.6	1.8	0.0	0.0	0.0
0.0	55°	36.2	32.5	27.1	23.5	18.1	12.7	5.4	0.0	0.0	0.0
0.0	57.5°	47.0	47.0	45.2	43.4	32.5	21.7	10.8	0.0	0.0	0.0
0.0	60°	63.3	63.3	63.3	63.3	47.0	32.5	16.3	0.0	0.0	0.0
0.0	62.5°	77.8	74.1	68.7	65.1	48.8	32.5	16.3	0.0	0.0	0.0
0.0	65°	77.8	70.5	61.5	52.4	39.8	27.1	12.7	0.0	0.0	0.0
0.0	67.5°	72.3	57.9	41.6	27.1	19.9	14.5	7.2	0.0	0.0	0.0
	70°	72.3	50.6	28.9	7.2	5.4	3.6	1.8	0.0	0.0	0.0
	72.5°	72.3	48.8	23.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	79.6	54.2	27.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	79.6	54.2	27.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	70.5	47.0	23.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	23.5	16.3	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]



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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9
0.0	2.5°	81.4	81.4	81.4	79.6	79.6	79.6	79.6	77.8	77.8	77.8
0.0	5°	74.1	74.1	72.3	72.3	70.5	70.5	68.7	68.7	66.9	66.9
0.0	7.5°	68.7	66.9	66.9	65.1	63.3	63.3	61.5	61.5	59.7	57.9
0.0	10°	63.3	61.5	61.5	59.7	57.9	56.1	56.1	54.2	52.4	50.6
0.0	12.5°	57.9	56.1	54.2	52.4	50.6	48.8	48.8	47.0	45.2	43.4
0.0	15°	50.6	48.8	47.0	45.2	43.4	41.6	41.6	39.8	38.0	36.2
0.0	17.5°	43.4	41.6	41.6	39.8	38.0	36.2	34.4	30.7	28.9	27.1
0.0	20°	32.5	30.7	28.9	27.1	25.3	21.7	19.9	16.3	12.7	10.8
0.0	22.5°	21.7	18.1	16.3	12.7	9.0	7.2	5.4	1.8	0.0	0.0
0.0	25°	7.2	5.4	3.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA6C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049447

CATALOG NUMBER: GALN-SA6C-950-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9
0.0	2.5°	75.9	75.9	75.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1
0.0	5°	65.1	65.1	65.1	63.3	63.3	61.5	61.5	61.5	59.7	59.7
0.0	7.5°	56.1	54.2	54.2	52.4	52.4	50.6	50.6	50.6	48.8	48.8
0.0	10°	47.0	45.2	45.2	43.4	43.4	41.6	41.6	39.8	39.8	38.0
0.0	12.5°	41.6	39.8	38.0	36.2	36.2	34.4	32.5	32.5	30.7	28.9
0.0	15°	32.5	30.7	28.9	27.1	25.3	23.5	21.7	21.7	19.9	18.1
0.0	17.5°	21.7	18.1	16.3	14.5	14.5	12.7	10.8	9.0	7.2	5.4
0.0	20°	5.4	3.6	1.8	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: P1049447

CATALOG NUMBER: GALN-SA6C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049447

CATALOG NUMBER: GALN-SA6C-950-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°	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9
0.0	2.5°	74.1	72.3	72.3	72.3	74.1	74.1	74.1	74.1	74.1	74.1
0.0	5°	59.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
0.0	7.5°	48.8	47.0	47.0	47.0	47.0	45.2	45.2	45.2	45.2	45.2
0.0	10°	38.0	36.2	36.2	36.2	36.2	34.4	34.4	34.4	34.4	34.4
0.0	12.5°	27.1	27.1	25.3	25.3	25.3	23.5	23.5	23.5	23.5	21.7
0.0	15°	16.3	14.5	12.7	12.7	12.7	10.8	10.8	10.8	10.8	9.0
0.0	17.5°	3.6	3.6	1.8	1.8	1.8	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA6C-950-U-RBC

[illegible]

REPORT NUMBER: P1049447

CATALOG NUMBER: GALN-SA6C-950-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9
0.0	2.5°	75.9	75.9	77.8	77.8	79.6	83.2	85.0	86.8	90.4	94.0
0.0	5°	59.7	61.5	61.5	63.3	65.1	66.9	68.7	70.5	74.1	77.8
0.0	7.5°	47.0	47.0	48.8	48.8	50.6	54.2	56.1	57.9	61.5	66.9
0.0	10°	36.2	36.2	38.0	38.0	39.8	43.4	45.2	47.0	50.6	56.1
0.0	12.5°	23.5	25.3	25.3	27.1	28.9	32.5	34.4	36.2	39.8	43.4
0.0	15°	10.8	12.7	12.7	14.5	16.3	19.9	21.7	23.5	27.1	32.5
0.0	17.5°	1.8	1.8	3.6	3.6	5.4	7.2	9.0	10.8	16.3	19.9
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	7.2
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
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: P1049447

CATALOG NUMBER: GALN-SA6C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049447

CATALOG NUMBER: GALN-SA6C-950-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°	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9
0.0	2.5°	99.5	103.1	106.7	110.3	113.9	117.5	119.3	123.0	124.8	126.6
0.0	5°	85.0	88.6	94.0	97.6	101.3	104.9	108.5	110.3	112.1	113.9
0.0	7.5°	74.1	77.8	83.2	86.8	90.4	94.0	97.6	101.3	103.1	104.9
0.0	10°	63.3	68.7	72.3	77.8	81.4	85.0	88.6	92.2	95.8	97.6
0.0	12.5°	50.6	56.1	61.5	65.1	70.5	75.9	79.6	83.2	86.8	90.4
0.0	15°	39.8	45.2	50.6	54.2	59.7	65.1	70.5	74.1	77.8	81.4
0.0	17.5°	28.9	34.4	39.8	43.4	48.8	54.2	57.9	63.3	66.9	70.5
0.0	20°	14.5	19.9	25.3	30.7	36.2	41.6	45.2	50.6	54.2	57.9
0.0	22.5°	1.8	7.2	12.7	16.3	21.7	27.1	30.7	36.2	39.8	43.4
0.0	25°	0.0	1.8	5.4	7.2	9.0	12.7	16.3	19.9	23.5	27.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.8	3.6	7.2	10.8	14.5
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6
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	1.8
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.8	3.6
	85°	0.0	0.0	0.0	0.0	0.0	3.6	5.4	9.0	10.8	12.7
	87.5°	0.0	1.8	3.6	5.4	7.2	10.8	14.5	18.1	19.9	21.7
	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: P1049447

CATALOG NUMBER: GALN-SA6C-950-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
104.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.6	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
106.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.4	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											
1.8											
7.2											
16.3											
23.5											
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REPORT NUMBER: P1049447

CATALOG NUMBER: GALN-SA6C-950-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9
0.0	2.5°	128.4	128.4	128.4	128.4	126.6	126.6	126.6	124.8	124.8	123.0
0.0	5°	117.5	119.3	119.3	119.3	119.3	119.3	119.3	119.3	117.5	117.5
0.0	7.5°	108.5	110.3	112.1	112.1	113.9	113.9	113.9	112.1	112.1	110.3
0.0	10°	103.1	104.9	104.9	106.7	106.7	106.7	106.7	106.7	106.7	106.7
0.0	12.5°	95.8	97.6	99.5	99.5	101.3	101.3	101.3	101.3	99.5	99.5
0.0	15°	86.8	90.4	92.2	94.0	94.0	95.8	95.8	95.8	95.8	95.8
0.0	17.5°	79.6	83.2	85.0	86.8	86.8	88.6	88.6	90.4	90.4	90.4
0.0	20°	65.1	68.7	70.5	74.1	75.9	77.8	79.6	81.4	81.4	83.2
0.0	22.5°	50.6	54.2	56.1	59.7	61.5	63.3	65.1	66.9	68.7	70.5
0.0	25°	36.2	39.8	41.6	45.2	47.0	48.8	50.6	52.4	52.4	54.2
0.0	27.5°	19.9	23.5	27.1	28.9	32.5	34.4	36.2	38.0	39.8	41.6
0.0	30°	9.0	10.8	12.7	16.3	18.1	19.9	21.7	25.3	27.1	28.9
0.0	32.5°	0.0	0.0	1.8	5.4	7.2	9.0	10.8	12.7	12.7	14.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.8	3.6	5.4	7.2
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	3.6	3.6	3.6	5.4	5.4	5.4	5.4	5.4	5.4	5.4
	82.5°	9.0	10.8	12.7	12.7	14.5	14.5	14.5	14.5	12.7	12.7
	85°	18.1	19.9	21.7	21.7	23.5	23.5	23.5	23.5	23.5	23.5
	87.5°	25.3	27.1	28.9	28.9	30.7	30.7	30.7	30.7	30.7	30.7
	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: P1049447

CATALOG NUMBER: GALN-SA6C-950-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
104.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	165°	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	170°	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	175°	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	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										
5.4										
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REPORT NUMBER: P1049447

CATALOG NUMBER: GALN-SA6C-950-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°	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9
0.0	2.5°	121.2	121.2	119.3	119.3	119.3	119.3	119.3	121.2	123.0	123.0
0.0	5°	115.7	115.7	113.9	113.9	113.9	115.7	115.7	117.5	119.3	121.2
0.0	7.5°	110.3	108.5	108.5	110.3	110.3	112.1	112.1	113.9	115.7	117.5
0.0	10°	106.7	104.9	104.9	104.9	106.7	106.7	108.5	110.3	112.1	113.9
0.0	12.5°	99.5	99.5	99.5	99.5	101.3	101.3	103.1	104.9	108.5	110.3
0.0	15°	95.8	94.0	94.0	94.0	94.0	95.8	95.8	99.5	103.1	104.9
0.0	17.5°	88.6	88.6	86.8	86.8	88.6	88.6	90.4	94.0	97.6	99.5
0.0	20°	81.4	79.6	77.8	77.8	79.6	79.6	81.4	85.0	88.6	90.4
0.0	22.5°	70.5	68.7	68.7	68.7	68.7	70.5	70.5	74.1	79.6	83.2
0.0	25°	56.1	57.9	57.9	59.7	59.7	61.5	63.3	66.9	72.3	75.9
0.0	27.5°	43.4	45.2	45.2	48.8	50.6	52.4	54.2	59.7	65.1	68.7
0.0	30°	32.5	34.4	36.2	38.0	41.6	45.2	48.8	54.2	59.7	63.3
0.0	32.5°	19.9	23.5	25.3	28.9	32.5	36.2	39.8	45.2	52.4	57.9
0.0	35°	14.5	16.3	19.9	21.7	25.3	28.9	32.5	39.8	45.2	52.4
0.0	37.5°	7.2	10.8	14.5	18.1	21.7	25.3	28.9	36.2	43.4	48.8
0.0	40°	5.4	9.0	10.8	14.5	19.9	23.5	27.1	34.4	41.6	48.8
0.0	42.5°	3.6	5.4	7.2	12.7	16.3	21.7	27.1	34.4	41.6	48.8
0.0	45°	3.6	3.6	5.4	10.8	16.3	23.5	28.9	36.2	41.6	48.8
0.0	47.5°	3.6	5.4	7.2	14.5	18.1	23.5	28.9	34.4	41.6	47.0
0.0	50°	5.4	7.2	9.0	16.3	19.9	25.3	28.9	36.2	41.6	48.8
0.0	52.5°	3.6	5.4	7.2	14.5	19.9	27.1	32.5	39.8	47.0	52.4
0.0	55°	1.8	1.8	1.8	10.8	21.7	30.7	41.6	47.0	54.2	59.7
0.0	57.5°	0.0	0.0	0.0	7.2	21.7	34.4	47.0	54.2	61.5	66.9
0.0	60°	0.0	0.0	0.0	7.2	21.7	34.4	47.0	56.1	65.1	74.1
0.0	62.5°	0.0	0.0	0.0	7.2	18.1	28.9	39.8	54.2	70.5	85.0
0.0	65°	0.0	0.0	0.0	5.4	14.5	23.5	32.5	54.2	75.9	95.8
0.0	67.5°	0.0	0.0	0.0	5.4	14.5	21.7	30.7	54.2	75.9	99.5
	70°	0.0	0.0	0.0	5.4	14.5	23.5	32.5	54.2	75.9	97.6
	72.5°	0.0	0.0	0.0	5.4	16.3	25.3	36.2	54.2	72.3	90.4
	75°	0.0	0.0	0.0	7.2	16.3	27.1	38.0	54.2	70.5	85.0
	77.5°	0.0	0.0	0.0	5.4	16.3	25.3	36.2	52.4	68.7	83.2
	80°	5.4	3.6	3.6	9.0	16.3	23.5	30.7	47.0	65.1	81.4
	82.5°	10.8	10.8	9.0	12.7	16.3	21.7	27.1	41.6	57.9	72.3
	85°	21.7	21.7	19.9	21.7	21.7	23.5	25.3	32.5	39.8	47.0
	87.5°	28.9	28.9	27.1	27.1	27.1	25.3	25.3	25.3	25.3	23.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049447

CATALOG NUMBER: GALN-SA6C-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
104.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.3											
108.5											
101.3											
99.5											
97.6											
86.8											
54.2											
23.5											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049447

CATALOG NUMBER: GALN-SA6C-950-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9
0.0	2.5°	126.6	128.4	128.4	130.2	132.0	133.8	133.8	135.6	135.6	135.6
0.0	5°	124.8	128.4	130.2	132.0	133.8	135.6	137.4	139.2	141.0	141.0
0.0	7.5°	123.0	124.8	128.4	130.2	133.8	135.6	139.2	141.0	142.9	144.7
0.0	10°	119.3	123.0	126.6	130.2	133.8	137.4	141.0	144.7	148.3	150.1
0.0	12.5°	115.7	121.2	124.8	128.4	133.8	139.2	142.9	148.3	151.9	155.5
0.0	15°	113.9	117.5	123.0	126.6	133.8	141.0	146.5	153.7	160.9	166.4
0.0	17.5°	108.5	115.7	121.2	126.6	133.8	142.9	150.1	157.3	168.2	179.0
0.0	20°	101.3	106.7	113.9	119.3	130.2	139.2	150.1	159.1	175.4	191.7
0.0	22.5°	94.0	101.3	106.7	113.9	126.6	137.4	150.1	160.9	188.1	213.4
0.0	25°	86.8	95.8	103.1	110.3	124.8	139.2	153.7	168.2	213.4	258.6
0.0	27.5°	83.2	90.4	99.5	106.7	124.8	144.7	162.7	180.8	253.2	323.7
0.0	30°	77.8	86.8	94.0	103.1	126.6	150.1	173.6	197.1	307.4	417.7
0.0	32.5°	72.3	81.4	90.4	99.5	130.2	160.9	189.9	220.6	365.3	508.1
0.0	35°	66.9	77.8	86.8	95.8	135.6	177.2	217.0	256.8	417.7	576.9
0.0	37.5°	65.1	75.9	85.0	94.0	137.4	179.0	222.4	264.0	423.1	582.3
0.0	40°	66.9	75.9	86.8	95.8	132.0	168.2	202.5	238.7	405.1	569.6
0.0	42.5°	66.9	77.8	88.6	99.5	128.4	157.3	186.3	215.2	399.6	584.1
0.0	45°	65.1	75.9	86.8	97.6	124.8	150.1	177.2	202.5	432.2	660.0
0.0	47.5°	63.3	74.1	85.0	95.8	123.0	150.1	177.2	204.3	558.8	911.4
0.0	50°	63.3	74.1	83.2	92.2	124.8	159.1	191.7	224.2	813.7	1401.4
0.0	52.5°	66.9	75.9	83.2	90.4	128.4	168.2	206.1	244.1	1034.4	1822.8
0.0	55°	72.3	77.8	85.0	90.4	137.4	182.6	229.7	274.9	1101.3	1927.7
0.0	57.5°	79.6	85.0	90.4	95.8	153.7	211.6	267.6	325.5	1106.7	1886.1
0.0	60°	88.6	95.8	101.3	106.7	168.2	231.5	292.9	354.4	1001.8	1647.4
0.0	62.5°	108.5	117.5	124.8	133.8	193.5	251.4	311.0	368.9	831.8	1294.8
0.0	65°	124.8	132.0	139.2	146.5	204.3	264.0	321.9	379.7	705.2	1030.7
0.0	67.5°	128.4	135.6	141.0	148.3	208.0	267.6	325.5	385.2	604.0	821.0
	70°	130.2	139.2	150.1	159.1	220.6	282.1	341.8	403.3	535.3	667.3
	72.5°	124.8	142.9	159.1	175.4	233.3	289.3	347.2	403.3	497.3	591.3
	75°	124.8	150.1	173.6	197.1	240.5	282.1	325.5	367.1	439.4	511.8
	77.5°	132.0	164.6	197.1	229.7	255.0	278.5	303.8	327.3	374.3	421.3
	80°	132.0	166.4	198.9	233.3	244.1	256.8	267.6	278.5	283.9	289.3
	82.5°	113.9	141.0	168.2	195.3	182.6	170.0	157.3	144.7	135.6	124.8
	85°	57.9	63.3	66.9	70.5	65.1	59.7	54.2	48.8	45.2	39.8
	87.5°	23.5	23.5	21.7	21.7	21.7	21.7	19.9	19.9	19.9	19.9
	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: P1049447

CATALOG NUMBER: GALN-SA6C-950-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
104.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
222.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
283.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
385.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
535.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
725.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
906.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1028.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1121.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1213.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1394.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1755.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2676.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4099.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5160.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5278.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4763.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4072.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3182.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2405.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1775.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1256.8											
934.9											
679.9											
511.8											
287.5											
130.2											
38.0											
18.1											
0.0											
0.0											
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REPORT NUMBER: P1049447

CATALOG NUMBER: GALN-SA6C-950-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°	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9
0.0	2.5°	135.6	133.8	133.8	132.0	130.2	128.4	126.6	124.8	123.0	121.2
0.0	5°	141.0	141.0	141.0	139.2	139.2	137.4	137.4	135.6	133.8	132.0
0.0	7.5°	146.5	148.3	148.3	150.1	150.1	150.1	150.1	148.3	148.3	148.3
0.0	10°	155.5	157.3	159.1	160.9	162.7	164.6	164.6	166.4	166.4	166.4
0.0	12.5°	166.4	171.8	175.4	180.8	184.4	189.9	193.5	198.9	202.5	206.1
0.0	15°	182.6	191.7	202.5	211.6	220.6	233.3	247.7	260.4	273.1	292.9
0.0	17.5°	206.1	235.1	264.0	291.1	320.1	383.4	446.7	508.1	571.4	663.7
0.0	20°	251.4	338.2	423.1	509.9	594.9	817.4	1038.0	1260.4	1481.0	1717.9
0.0	22.5°	352.6	566.0	779.4	992.8	1206.1	1670.9	2133.8	2598.6	3061.5	3605.8
0.0	25°	511.8	904.2	1296.6	1687.2	2079.6	2806.5	3535.3	4262.2	4989.1	5696.2
0.0	27.5°	745.0	1345.4	1945.7	2544.3	3144.7	4130.2	5117.5	6103.1	7088.6	7887.9
0.0	30°	1032.5	1846.3	2660.0	3473.8	4287.5	5408.7	6529.8	7649.2	8770.3	9643.8
0.0	32.5°	1303.8	2300.2	3296.6	4291.1	5287.5	6564.2	7842.7	9119.3	10396.0	11350.8
0.0	35°	1481.0	2685.4	3891.5	5095.8	6300.2	7681.7	9063.3	10443.0	11824.6	12915.0
0.0	37.5°	1658.2	3048.8	4437.6	5828.2	7217.0	8734.2	10251.4	11768.5	13285.7	14632.9
0.0	40°	1857.1	3488.2	5117.5	6748.6	8377.9	10175.4	11971.1	13768.5	15564.2	17464.7
0.0	42.5°	2202.5	4217.0	6233.3	8247.7	10262.2	12640.1	15018.1	17394.2	19772.1	22484.6
0.0	45°	2851.7	5690.8	8531.6	11370.7	14209.8	17359.8	20511.7	23661.8	26811.9	30421.3
0.0	47.5°	4441.2	8347.2	12251.3	16157.3	20061.5	23462.9	26862.6	30264.0	33663.6	37258.6
0.0	50°	6795.7	11341.8	15887.9	20432.2	24978.3	28056.0	31132.0	34209.7	37285.7	40705.2
0.0	52.5°	8499.1	13235.1	17972.9	22708.8	27444.8	30222.4	33001.8	35779.4	38556.9	41752.2
0.0	55°	8627.5	13336.3	18047.0	22755.9	27464.7	30255.0	33045.2	35835.4	38625.7	42012.6
0.0	57.5°	7638.3	12309.2	16978.3	21649.2	26318.2	29495.5	32670.9	35848.1	39023.5	42685.3
0.0	60°	6497.3	11170.0	15840.9	20513.6	25184.4	28844.5	32506.3	36166.3	39826.4	43256.8
0.0	62.5°	5068.7	9875.2	14683.5	19490.0	24296.6	28012.6	31728.7	35443.0	39159.1	41732.3
0.0	65°	3777.6	8444.8	13112.1	17777.6	22444.8	25421.3	28397.8	31372.5	34349.0	35942.1
0.0	67.5°	2730.6	6755.9	10779.4	14804.7	18828.2	20958.4	23088.6	25217.0	27347.2	28566.0
	70°	1846.3	4634.7	7421.3	10209.8	12996.4	14746.8	16499.1	18249.5	20000.0	21645.6
	72.5°	1278.5	2844.5	4412.3	5978.3	7544.3	9305.6	11065.1	12826.4	14585.9	16327.3
	75°	848.1	1560.6	2274.9	2987.3	3699.8	5003.6	6309.2	7613.0	8916.8	9954.8
	77.5°	602.2	815.6	1030.7	1244.1	1457.5	1701.6	1947.6	2191.7	2435.8	2806.5
	80°	285.7	312.8	340.0	365.3	392.4	481.0	569.6	658.2	746.8	840.9
	82.5°	135.6	146.5	157.3	166.4	177.2	186.3	195.3	204.3	213.4	204.3
	85°	36.2	36.2	38.0	38.0	38.0	38.0	38.0	38.0	38.0	36.2
	87.5°	16.3	16.3	16.3	16.3	16.3	16.3	16.3	14.5	14.5	12.7
	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: P1049447

CATALOG NUMBER: GALN-SA6C-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
104.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
314.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
754.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1956.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4150.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6403.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8687.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10519.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12307.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14005.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15981.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19365.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25197.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34030.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40853.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44124.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44947.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45401.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46347.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46685.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44307.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37537.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29786.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23289.3											
18068.7											
10992.8											
3177.2											
934.9											
193.5											
34.4											
12.7											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049447

CATALOG NUMBER: GALN-SA6C-950-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9
0.0	2.5°	117.5	115.7	113.9	112.1	110.3	106.7	106.7	104.9	104.9
0.0	5°	128.4	126.6	124.8	123.0	123.0	121.2	119.3	119.3	117.5
0.0	7.5°	146.5	144.7	142.9	141.0	141.0	139.2	139.2	137.4	137.4
0.0	10°	168.2	168.2	168.2	168.2	168.2	166.4	166.4	166.4	164.6
0.0	12.5°	211.6	213.4	217.0	220.6	226.0	226.0	226.0	224.2	224.2
0.0	15°	334.5	354.4	368.9	383.4	396.0	425.0	421.3	415.9	412.3
0.0	17.5°	846.3	936.7	985.5	1032.5	1081.4	1215.2	1193.5	1171.8	1151.9
0.0	20°	2193.5	2430.4	2587.7	2745.0	2904.2	3155.5	3094.0	3032.5	2971.1
0.0	22.5°	4692.6	5236.9	5473.8	5710.7	5945.7	6249.5	6052.4	5855.3	5660.0
0.0	25°	7108.5	7815.5	8215.2	8614.8	9012.7	9186.3	8929.5	8670.9	8414.1
0.0	27.5°	9486.4	10285.7	10638.3	10989.1	11341.8	11705.2	11387.0	11066.9	10748.6
0.0	30°	11392.4	12265.8	12647.4	13027.1	13408.7	13661.8	13332.7	13001.8	12672.7
0.0	32.5°	13262.2	14217.0	14634.7	15052.4	15468.3	15831.8	15426.8	15019.9	14614.8
0.0	35°	15094.0	16184.4	16759.5	17334.5	17909.6	18247.7	17766.7	17283.9	16802.9
0.0	37.5°	17329.1	18676.3	19320.1	19963.8	20607.6	21224.2	20694.4	20162.7	19632.9
0.0	40°	21265.8	23166.4	24153.7	25142.8	26130.2	26925.8	26256.8	25587.7	24918.6
0.0	42.5°	27909.6	30622.0	32041.6	33459.3	34878.8	36121.1	35417.7	34714.3	34010.8
0.0	45°	37640.1	41249.5	42980.1	44708.8	46439.4	47347.2	46334.5	45320.0	44307.4
0.0	47.5°	44446.6	48041.6	49582.3	51122.9	52663.6	53699.8	52461.1	51222.4	49985.5
0.0	50°	47542.5	50962.0	52508.1	54052.4	55598.5	56421.3	54990.9	53558.7	52128.4
0.0	52.5°	48141.0	51336.3	53180.8	55027.1	56871.6	57971.0	56282.1	54591.3	52902.3
0.0	55°	48788.4	52175.4	54314.6	56455.7	58594.9	60117.5	58207.9	56296.5	54387.0
0.0	57.5°	50007.2	53669.0	55802.9	57934.9	60068.7	61361.6	59446.6	57529.8	55614.8
0.0	60°	50115.7	53544.3	55377.9	57213.4	59047.0	59860.7	58028.9	56195.3	54363.4
0.0	62.5°	46880.6	49453.9	50726.9	52000.0	53273.0	54157.3	52245.9	50332.7	48421.3
0.0	65°	39130.2	40723.3	41737.8	42752.2	43766.7	44821.0	43070.5	41320.0	39569.6
0.0	67.5°	31005.4	32224.2	33560.6	34896.9	36233.3	37359.8	35958.4	34555.1	33153.7
	70°	24934.9	26578.6	28081.4	29584.1	31086.8	32009.0	30602.2	29193.5	27786.6
	72.5°	19810.1	21551.5	22806.5	24059.7	25314.6	25540.7	24506.3	23472.0	22439.4
	75°	12028.9	13066.9	13092.2	13115.7	13141.0	13356.2	12499.1	11641.9	10786.6
	77.5°	3547.9	3918.6	4224.2	4528.0	4833.6	5202.5	4887.9	4571.4	4256.8
	80°	1027.1	1121.2	1200.7	1278.5	1358.0	1311.0	1236.9	1162.7	1088.6
	82.5°	184.4	173.6	171.8	170.0	170.0	160.9	146.5	132.0	117.5
	85°	32.5	30.7	28.9	27.1	25.3	23.5	19.9	18.1	14.5
	87.5°	10.8	9.0	7.2	5.4	5.4	1.8	1.8	1.8	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA6C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049447

CATALOG NUMBER: GALN-SA6C-950-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°	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9	104.9
0.0	0.0	2.5°	103.1	101.3	101.3	101.3	101.3	99.5	99.5	99.5	99.5
0.0	0.0	5°	113.9	113.9	112.1	112.1	110.3	110.3	108.5	108.5	106.7
0.0	0.0	7.5°	133.8	132.0	130.2	128.4	126.6	123.0	121.2	119.3	119.3
0.0	0.0	10°	160.9	157.3	155.5	151.9	150.1	146.5	142.9	139.2	135.6
0.0	0.0	12.5°	211.6	204.3	198.9	191.7	184.4	179.0	171.8	166.4	159.1
0.0	0.0	15°	367.1	349.0	329.1	305.6	280.3	256.8	231.5	217.0	200.7
0.0	0.0	17.5°	938.5	844.5	748.6	670.9	593.1	517.2	439.4	383.4	327.3
0.0	0.0	20°	2388.8	2128.4	1868.0	1611.2	1352.6	1095.8	837.3	707.1	576.9
0.0	0.0	22.5°	4495.5	4012.7	3528.0	3059.7	2589.5	2121.2	1652.8	1358.0	1065.1
0.0	0.0	25°	6938.5	6330.9	5723.3	4953.0	4180.8	3410.5	2640.1	2160.9	1681.7
0.0	0.0	27.5°	9028.9	8329.1	7629.3	6692.6	5755.9	4819.2	3882.5	3168.2	2455.7
0.0	0.0	30°	10839.1	10086.8	9334.5	8244.1	7153.7	6063.3	4972.9	4079.6	3186.3
0.0	0.0	32.5°	12408.7	11508.1	10607.6	9482.8	8358.0	7233.3	6108.5	5012.7	3916.8
0.0	0.0	35°	14218.8	13168.2	12115.7	10868.0	9618.4	8370.7	7123.0	5886.1	4647.4
0.0	0.0	37.5°	16519.0	15229.6	13938.5	12547.9	11157.3	9768.5	8377.9	6963.8	5549.7
0.0	0.0	40°	20922.2	19258.6	17594.9	15828.2	14059.7	12292.9	10526.2	8790.2	7054.2
0.0	0.0	42.5°	28811.9	26564.2	24316.4	21965.6	19613.0	17262.2	14909.6	12461.1	10010.8
0.0	0.0	45°	37716.1	34927.6	32137.4	29499.1	26858.9	24220.6	21582.3	18222.4	14862.6
0.0	0.0	47.5°	42723.3	39712.5	36701.6	34204.3	31707.0	29209.7	26712.5	23090.4	19468.3
0.0	0.0	50°	44566.0	41500.9	38435.8	36137.4	33837.2	31538.9	29238.7	25611.2	21981.9
0.0	0.0	52.5°	44958.4	41831.8	38705.2	36392.4	34079.5	31768.5	29455.7	25851.7	22247.7
0.0	0.0	55°	45764.9	42410.5	39054.2	36417.7	33781.2	31144.6	28508.1	24846.3	21184.4
0.0	0.0	57.5°	46819.1	43379.7	39940.3	36936.7	33933.1	30931.3	27927.7	23924.0	19920.4
0.0	0.0	60°	46542.5	43549.7	40555.1	37338.1	34119.3	30902.3	27683.5	23280.3	18875.2
0.0	0.0	62.5°	41739.6	39356.2	36971.0	34325.5	31678.1	29032.5	26387.0	21853.5	17320.1
0.0	0.0	65°	34338.1	32598.5	30858.9	28730.5	26600.3	24472.0	22343.6	18278.5	14215.2
0.0	0.0	67.5°	27830.0	25869.8	23907.8	22211.6	20513.6	18817.3	17119.3	13920.4	10721.5
		70°	22110.3	19978.3	17844.5	16188.1	14529.8	12873.4	11217.0	9090.4	6965.6
		72.5°	17558.8	15636.5	13714.3	11947.6	10179.0	8412.3	6643.8	5387.0	4130.2
		75°	8392.4	7623.9	6855.3	5931.3	5007.2	4083.2	3159.1	2611.2	2065.1
		77.5°	3110.3	2696.2	2280.3	1904.2	1528.0	1153.7	777.6	712.5	647.4
		80°	804.7	701.6	596.7	522.6	446.7	372.5	298.4	269.4	242.3
		82.5°	92.2	85.0	79.6	75.9	70.5	66.9	61.5	56.1	50.6
		85°	5.4	3.6	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: P1049447

CATALOG NUMBER: GALN-SA6C-950-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049447

CATALOG NUMBER: GALN-SA6C-950-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	104.9	104.9
0.0	0.0	2.5°	97.6	95.8
0.0	0.0	5°	103.1	101.3
0.0	0.0	7.5°	113.9	110.3
0.0	0.0	10°	124.8	121.2
0.0	0.0	12.5°	141.0	135.6
0.0	0.0	15°	159.1	148.3
0.0	0.0	17.5°	189.9	166.4
0.0	0.0	20°	256.8	197.1
0.0	0.0	22.5°	361.7	245.9
0.0	0.0	25°	531.6	340.0
0.0	0.0	27.5°	739.6	452.1
0.0	0.0	30°	983.7	566.0
0.0	0.0	32.5°	1198.9	674.5
0.0	0.0	35°	1479.2	784.8
0.0	0.0	37.5°	1824.6	925.9
0.0	0.0	40°	2359.9	1139.2
0.0	0.0	42.5°	3323.7	1533.5
0.0	0.0	45°	5397.8	2651.0
0.0	0.0	47.5°	8305.6	4385.2
0.0	0.0	50°	10160.9	5596.7
0.0	0.0	52.5°	10312.8	5587.7
0.0	0.0	55°	9414.1	4967.4
0.0	0.0	57.5°	8032.5	4151.9
0.0	0.0	60°	6676.3	3283.9
0.0	0.0	62.5°	5260.4	2267.6
0.0	0.0	65°	3844.5	1604.0
0.0	0.0	67.5°	2761.3	1198.9
		70°	1815.6	918.6
		72.5°	1182.6	748.6
		75°	795.7	620.3
		77.5°	464.7	412.3
		80°	164.6	144.7
		82.5°	30.7	21.7
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049447

CATALOG NUMBER: GALN-SA6C-950-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: SP1-2407-184-17

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-950-U-5WQ

Data in this report applies to families of products including GSS-SB1A-950-U-5WQ

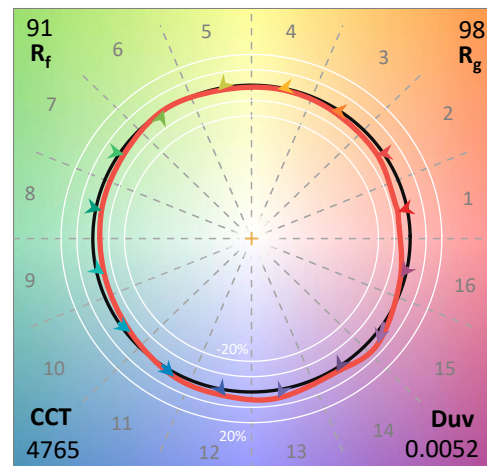
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-17
 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-950-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4765
 CIE u' : 0.2105
 CIE v' : 0.4941
 Duv: 0.0052
 CIE x: 0.3536
 CIE y: 0.3689
 CIE z: 0.2775
 Peak Wavelength (nm): 449
 Dominant Wavelength (nm): 571
 Purity: 16.80041
 R_f: 90.7
 R_g: 98

CRI (Ra): 90.8
 R1: 89.8
 R2: 93.1
 R3: 95.3
 R4: 90.3
 R5: 89.0
 R6: 89.7
 R7: 94.9
 R8: 84.0
 R9: 54.9
 R10: 83.0
 R11: 89.6
 R12: 68.0
 R13: 90.6
 R14: 97.3
 R15: 86.2



Test Conditions

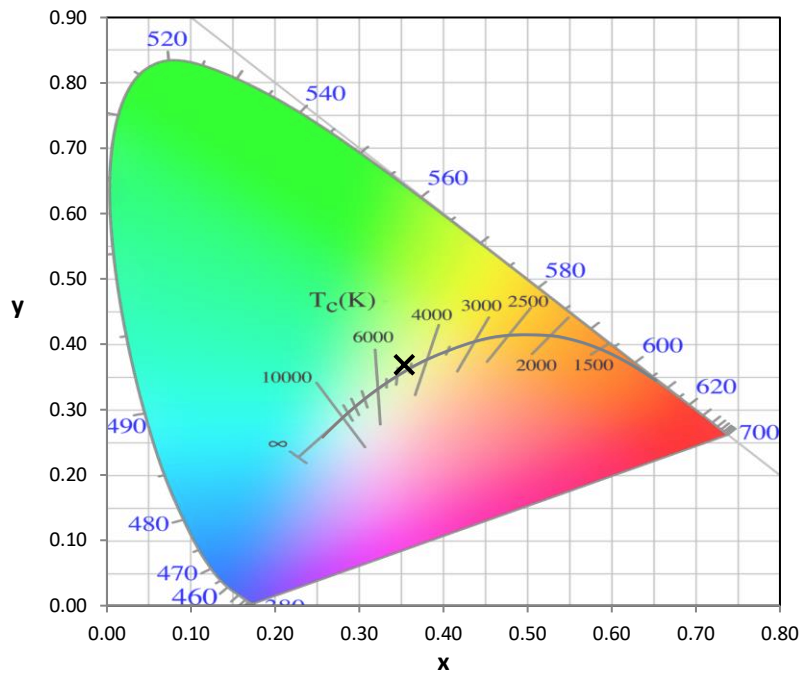
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-17

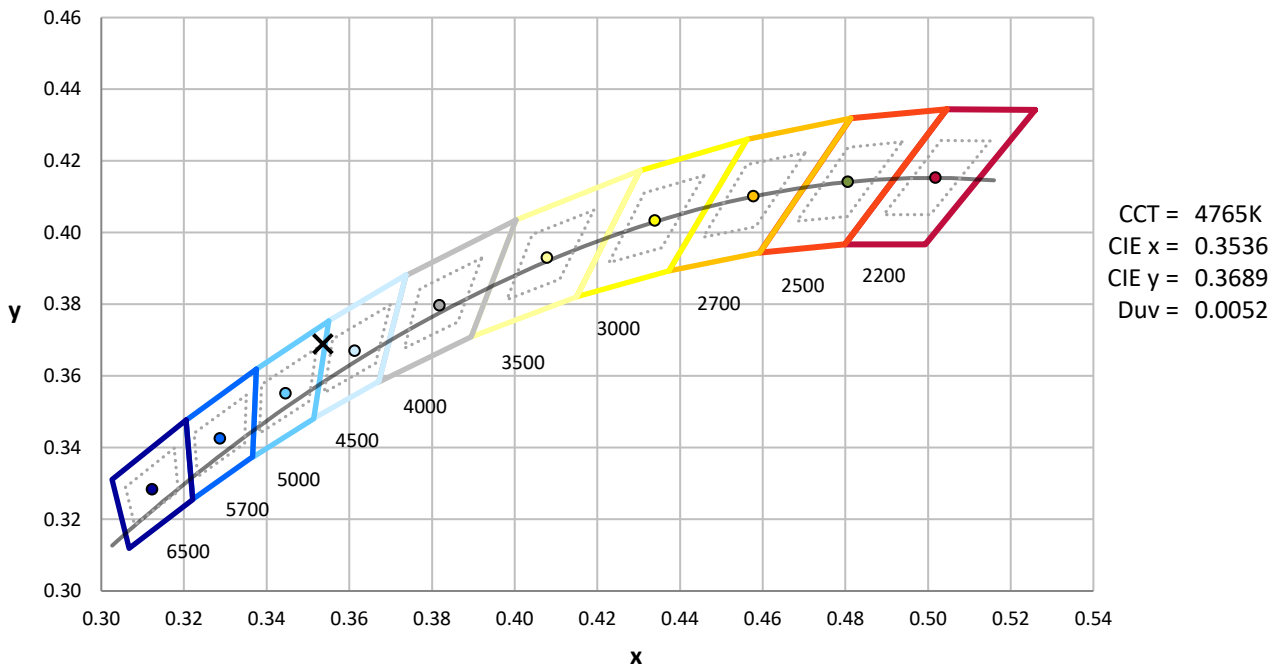
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-17

CIE 1931 Chromaticity Diagram



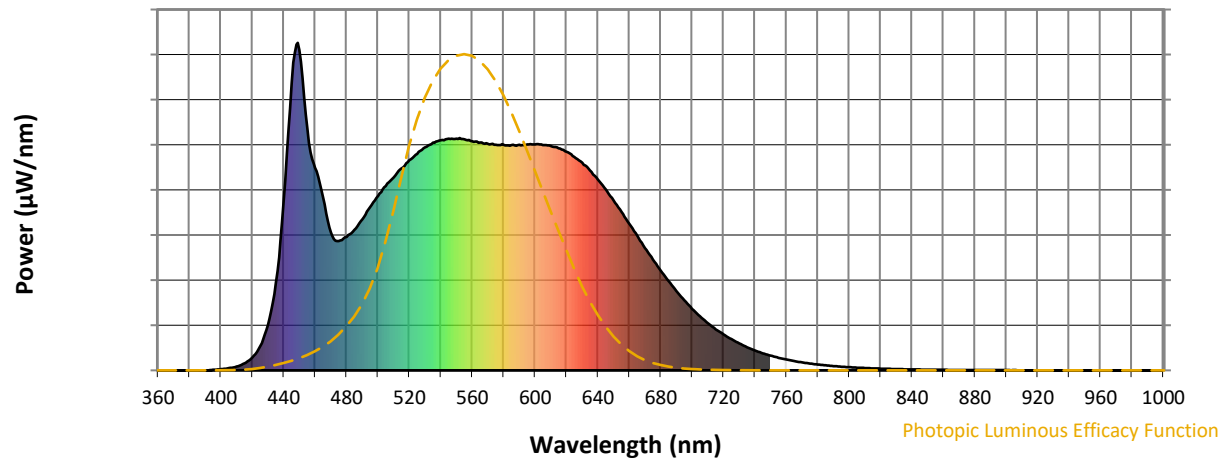
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-17

Photopic Flux vs. Wavelength

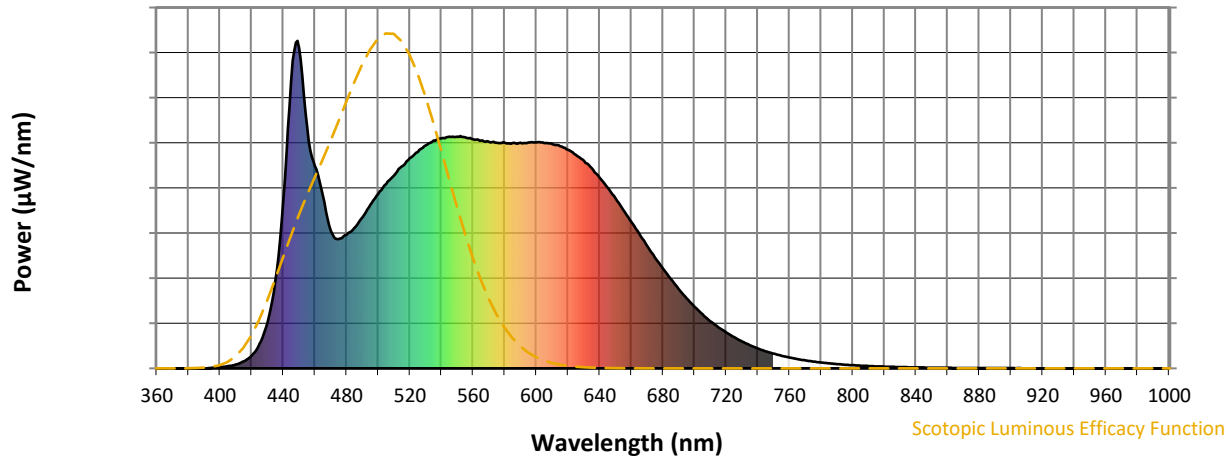


Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-17

Scotopic Flux vs. Wavelength



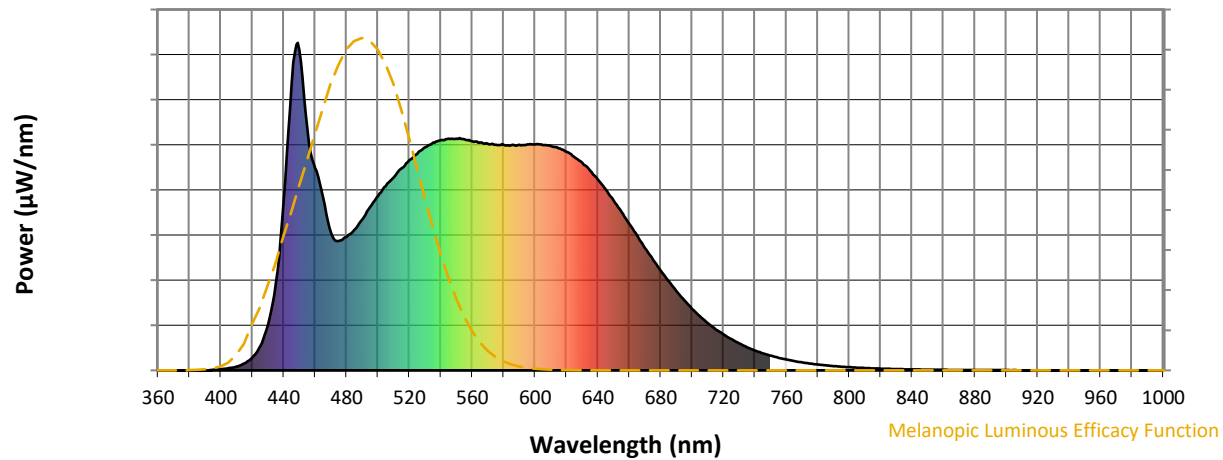
Scotopic Lumens: NR

S/P: 1.99

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	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 4.22

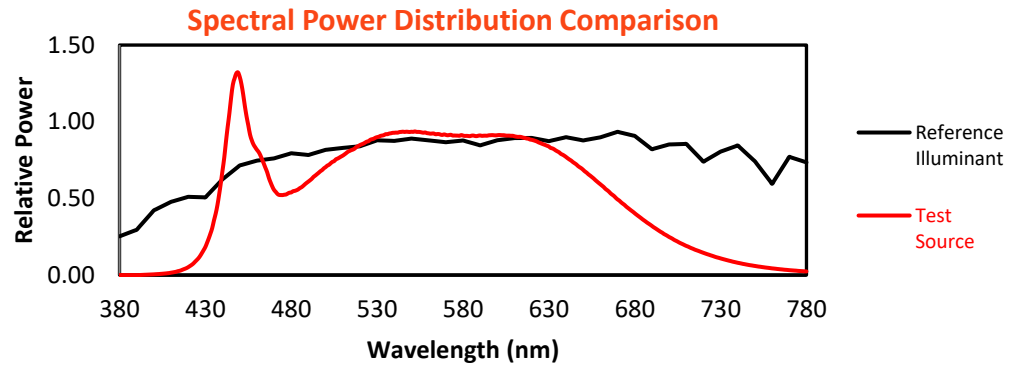
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	462	NR	620	668	NR	750	45	NR	880	1	NR
365	0	NR	495	498	NR	625	652	NR	755	39	NR	885	1	NR
370	0	NR	500	533	NR	630	634	NR	760	33	NR	890	1	NR
375	0	NR	505	562	NR	635	610	NR	765	28	NR	895	1	NR
380	0	NR	510	590	NR	640	583	NR	770	24	NR	900	1	NR
385	0	NR	515	617	NR	645	552	NR	775	21	NR	905	1	NR
390	0	NR	520	642	NR	650	519	NR	780	18	NR	910	0	NR
395	2	NR	525	661	NR	655	484	NR	785	15	NR	915	0	NR
400	4	NR	530	681	NR	660	448	NR	790	13	NR	920	0	NR
405	7	NR	535	695	NR	665	411	NR	795	11	NR	925	0	NR
410	12	NR	540	702	NR	670	373	NR	800	10	NR	930	0	NR
415	21	NR	545	708	NR	675	338	NR	805	8	NR	935	0	NR
420	39	NR	550	707	NR	680	305	NR	810	7	NR	940	0	NR
425	74	NR	555	706	NR	685	272	NR	815	6	NR	945	0	NR
430	139	NR	560	700	NR	690	243	NR	820	5	NR	950	0	NR
435	270	NR	565	696	NR	695	214	NR	825	5	NR	955	0	NR
440	517	NR	570	692	NR	700	188	NR	830	4	NR	960	0	NR
445	877	NR	575	689	NR	705	165	NR	835	3	NR	965	0	NR
450	978	NR	580	688	NR	710	144	NR	840	3	NR	970	0	NR
455	738	NR	585	688	NR	715	125	NR	845	3	NR	975	0	NR
460	618	NR	590	689	NR	720	110	NR	850	2	NR	980	0	NR
465	529	NR	595	690	NR	725	95	NR	855	2	NR	985	0	NR
470	420	NR	600	690	NR	730	82	NR	860	2	NR	990	0	NR
475	395	NR	605	688	NR	735	71	NR	865	1	NR	995	0	NR
480	408	NR	610	685	NR	740	61	NR	870	1	NR	1000	0	NR
485	429	NR	615	678	NR	745	52	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-17

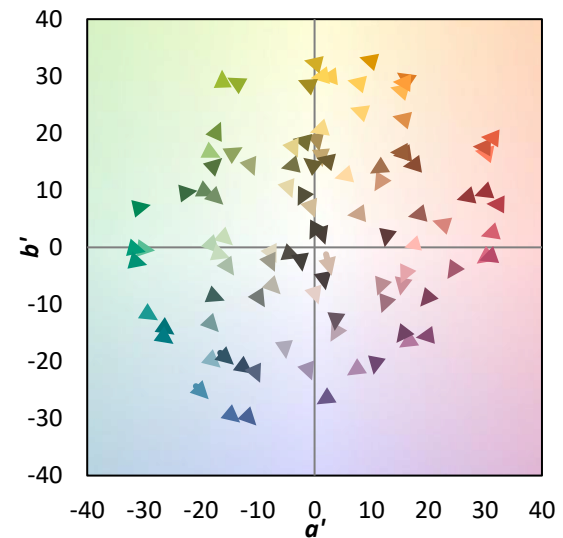
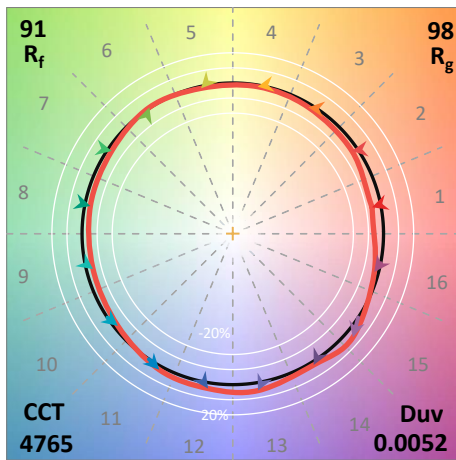
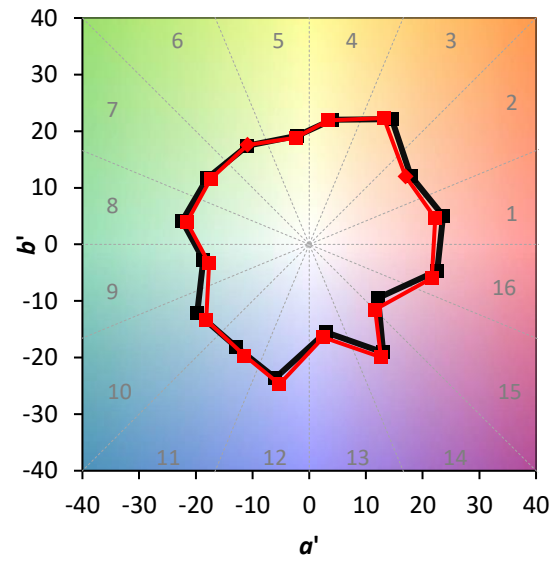
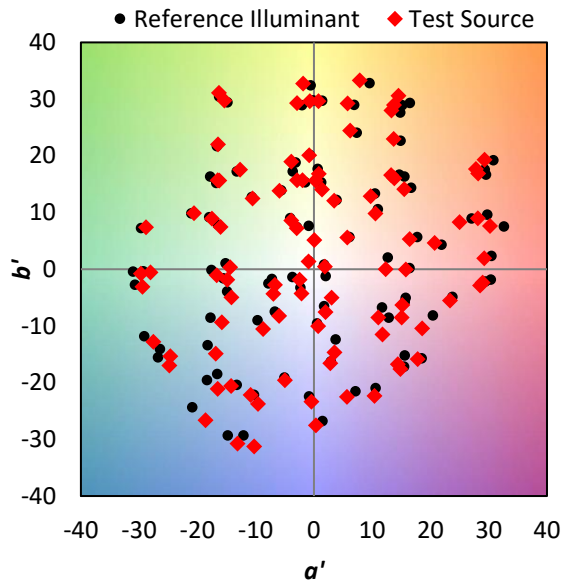
TM-30-18

Summary

$R_f = 90.7$
 $R_g = 98$
 CIE $R_a = 90.8$
 $R_9 = 54.9$

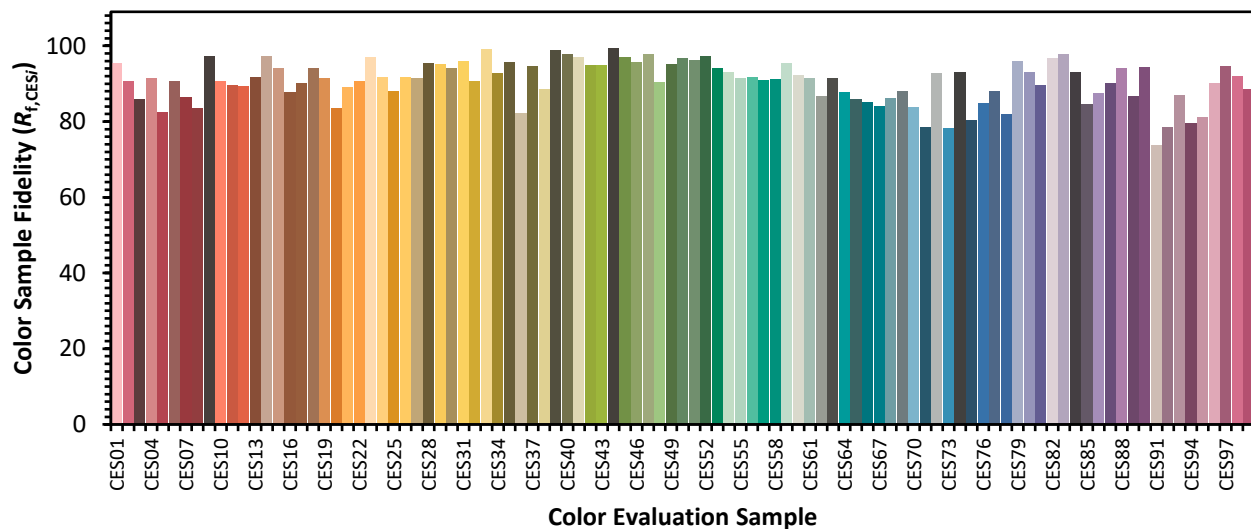


Color Vector Graphics

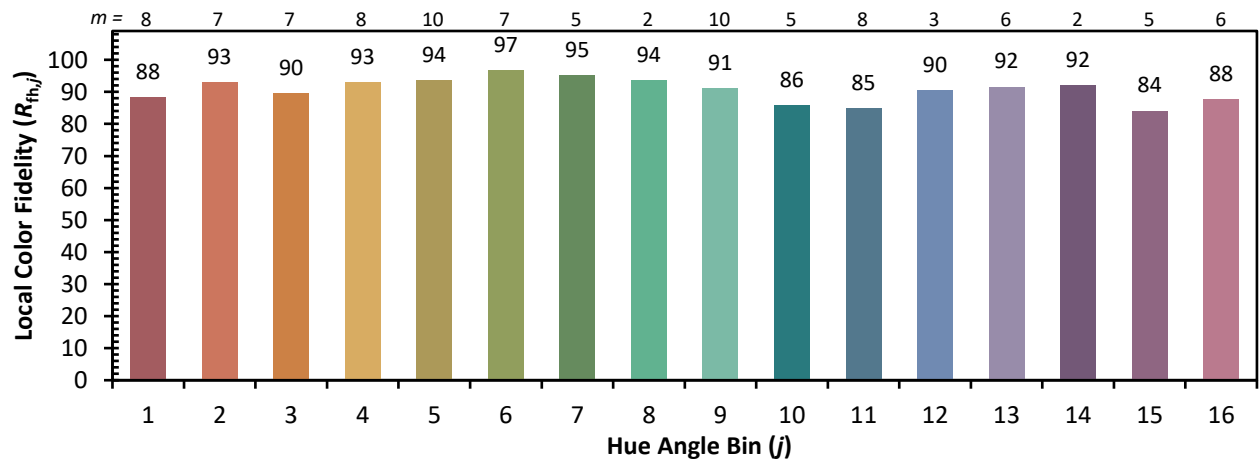
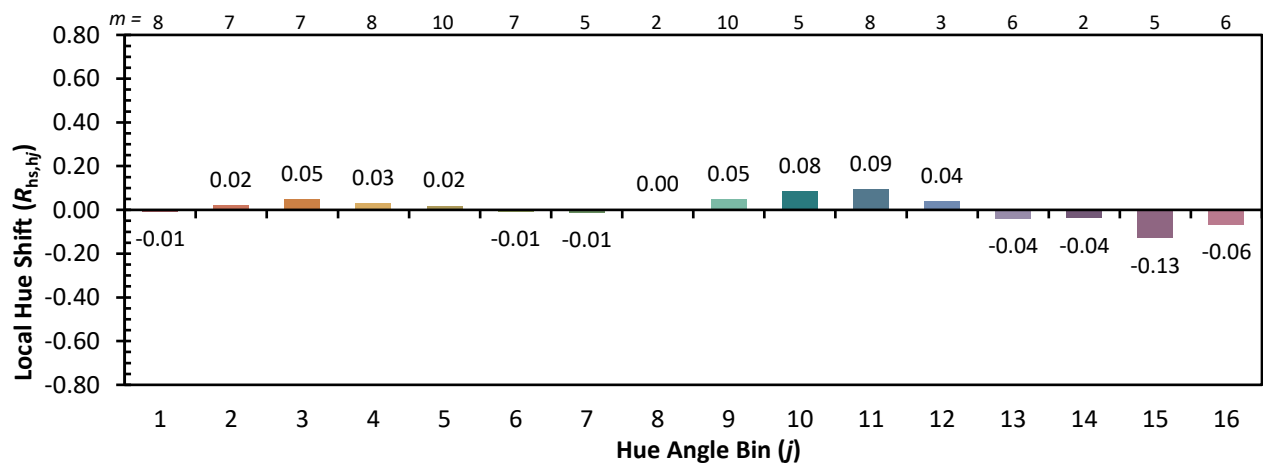
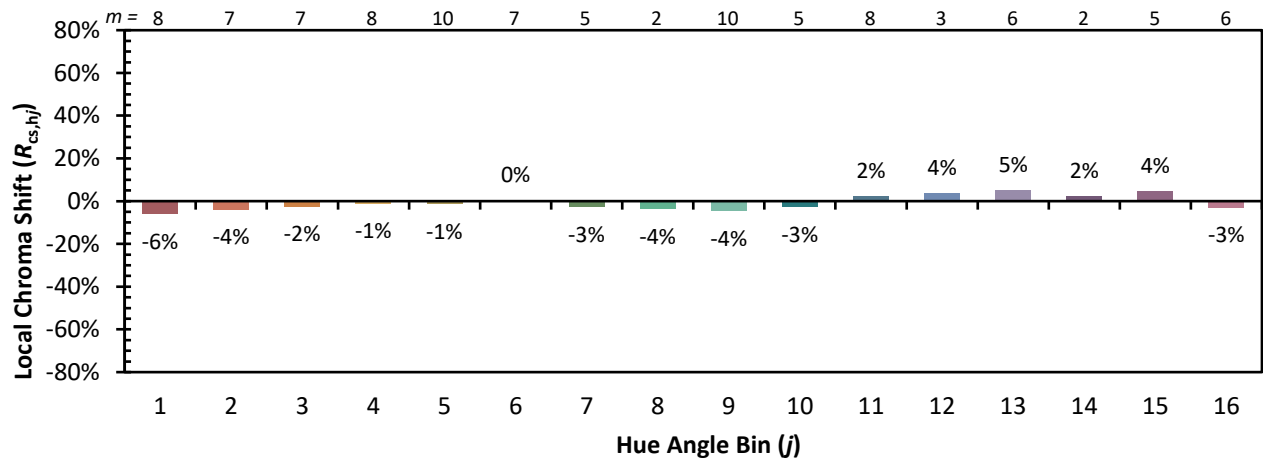


Individual Sample Fidelity Index ($R_{f,i}$)

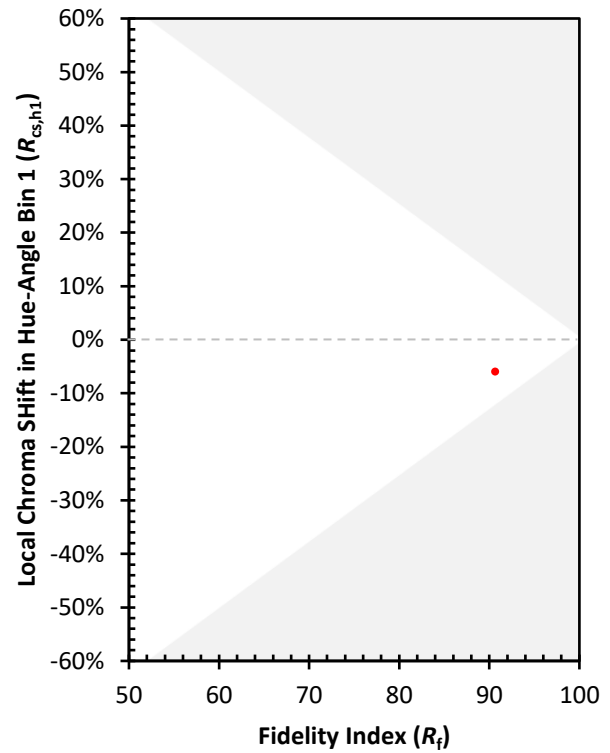
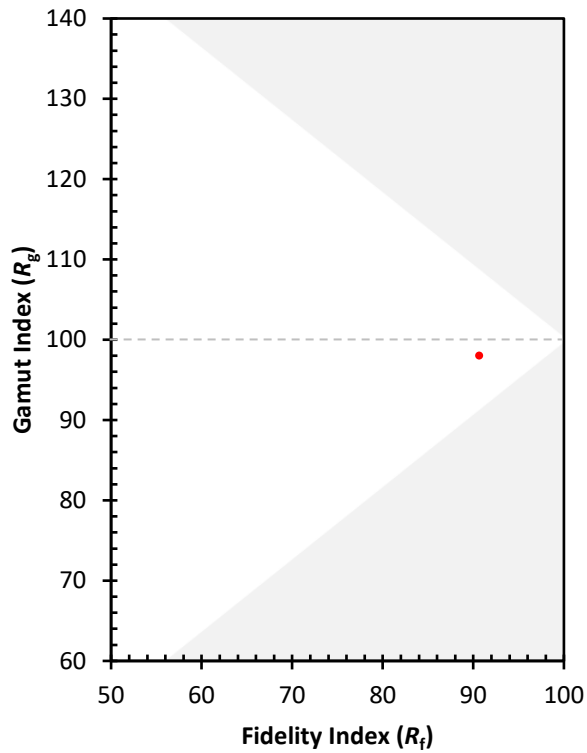
CES01 = 85	CES26 = 92	CES51 = 96	CES76 = 85
CES02 = 60	CES27 = 92	CES52 = 97	CES77 = 88
CES03 = 31	CES28 = 95	CES53 = 94	CES78 = 82
CES04 = 69	CES29 = 95	CES54 = 93	CES79 = 96
CES05 = 48	CES30 = 94	CES55 = 92	CES80 = 93
CES06 = 50	CES31 = 96	CES56 = 92	CES81 = 89
CES07 = 41	CES32 = 91	CES57 = 91	CES82 = 97
CES08 = 40	CES33 = 99	CES58 = 91	CES83 = 98
CES09 = 29	CES34 = 93	CES59 = 95	CES84 = 93
CES10 = 73	CES35 = 96	CES60 = 92	CES85 = 85
CES11 = 56	CES36 = 82	CES61 = 92	CES86 = 88
CES12 = 62	CES37 = 95	CES62 = 87	CES87 = 90
CES13 = 42	CES38 = 89	CES63 = 91	CES88 = 94
CES14 = 74	CES39 = 99	CES64 = 88	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 86	CES90 = 94
CES16 = 46	CES41 = 97	CES66 = 85	CES91 = 74
CES17 = 48	CES42 = 95	CES67 = 84	CES92 = 78
CES18 = 56	CES43 = 95	CES68 = 86	CES93 = 87
CES19 = 70	CES44 = 100	CES69 = 88	CES94 = 80
CES20 = 65	CES45 = 97	CES70 = 84	CES95 = 81
CES21 = 85	CES46 = 96	CES71 = 79	CES96 = 90
CES22 = 77	CES47 = 98	CES72 = 93	CES97 = 95
CES23 = 91	CES48 = 90	CES73 = 78	CES98 = 92
CES24 = 90	CES49 = 95	CES74 = 93	CES99 = 88
CES25 = 70	CES50 = 97	CES75 = 80	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)