

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P1049382

Luminaire Tested: **GALN-SA8B-935-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049382
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-935-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
90CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23839.6 lumens
Efficiency: N/A
Efficacy: 84.3 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

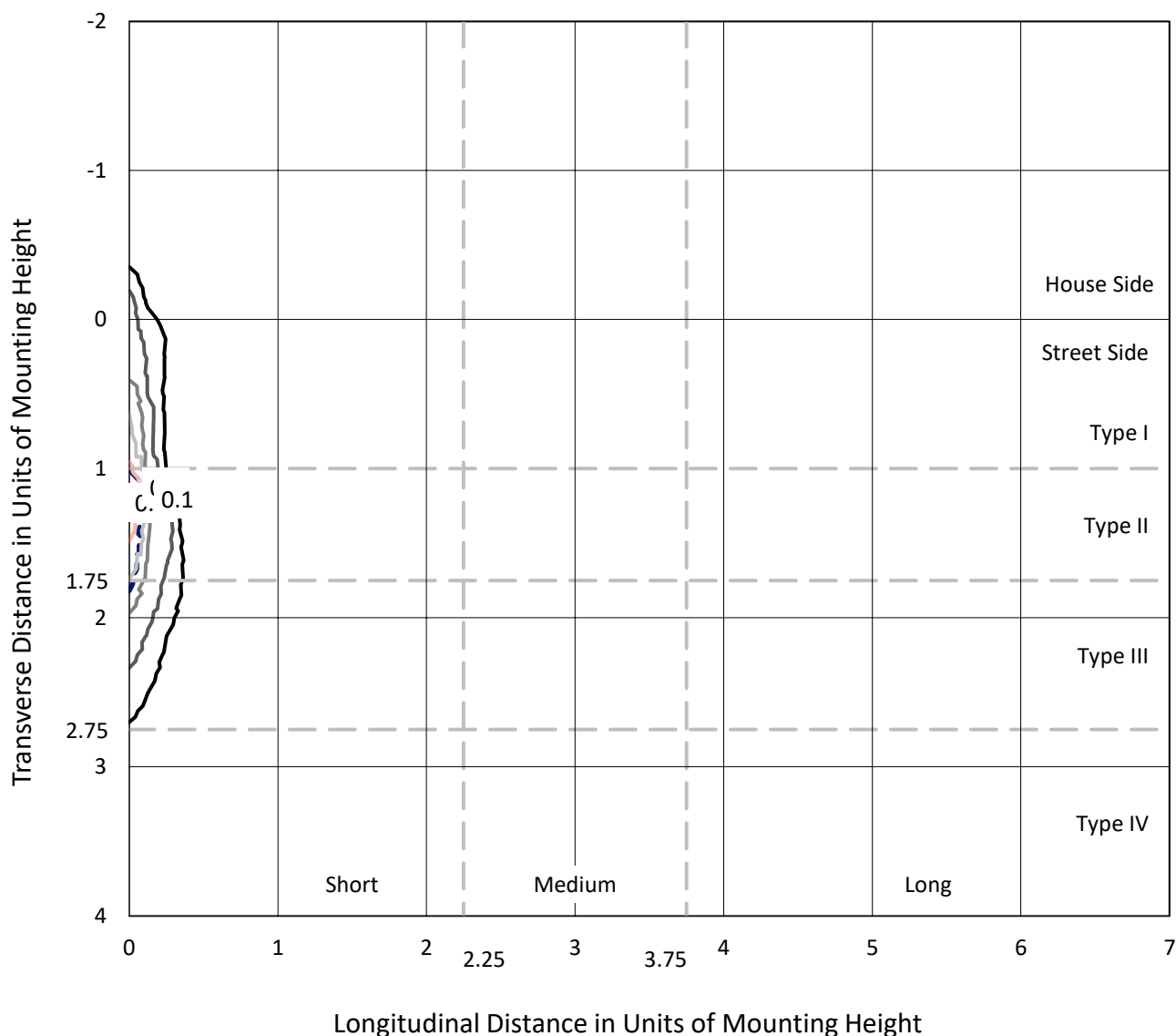
REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

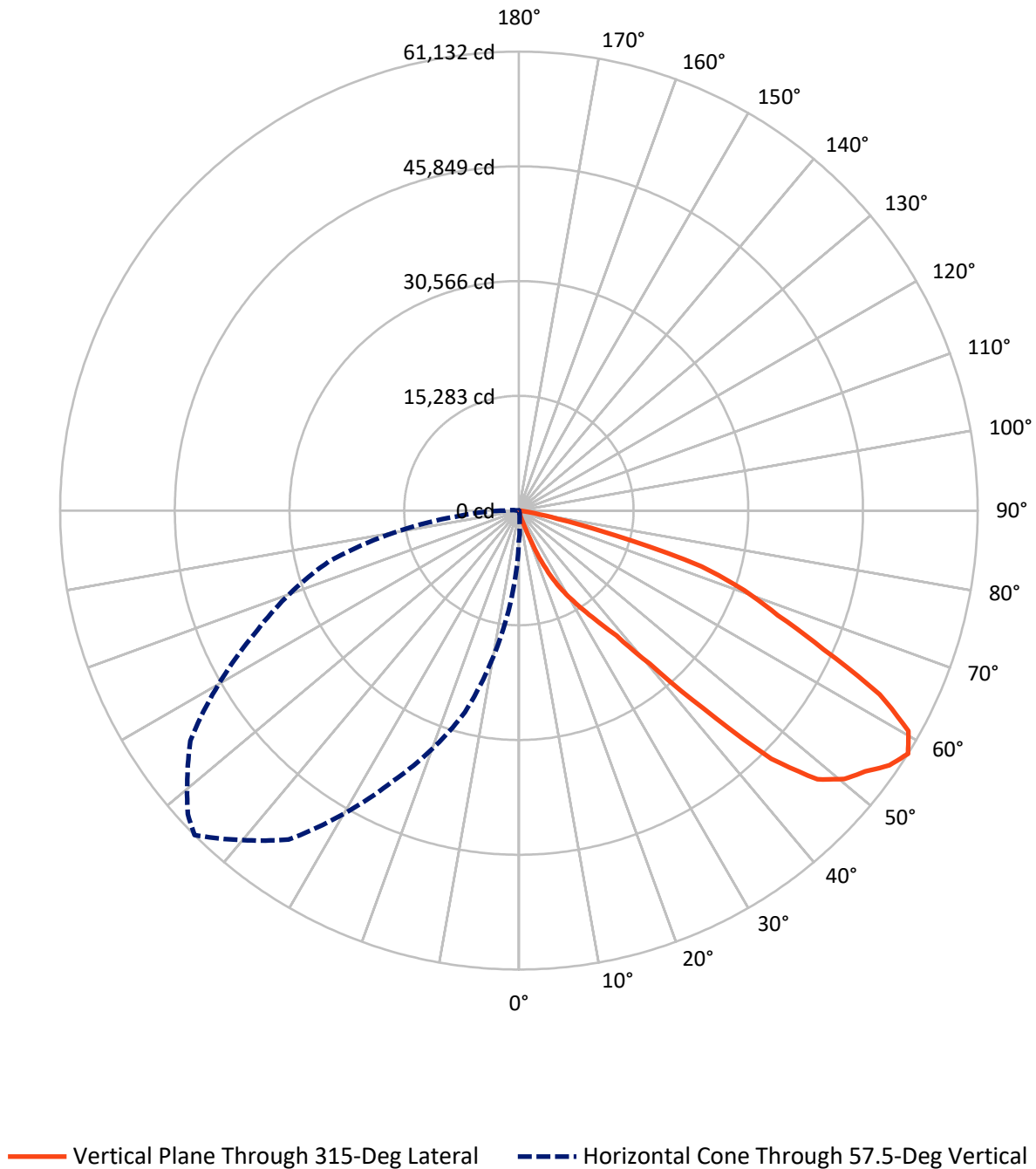


Based on 20 foot mounting height. Maximum calculated value = 3.5 fc

Type III - Short - N/A

REPORT NUMBER: P1049382
CATALOG NUMBER: GALN-SA8B-935-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	119.4	0.0	119.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	23720.2	0.0	23720.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	23839.6	0.0	23839.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.3	0.0
10°-20°	52.4	0.2
20°-30°	565.0	2.4
30°-40°	1670.7	7.0
40°-50°	4979.1	20.9
50°-60°	7895.1	33.1
60°-70°	6590.5	27.6
70°-80°	2032.3	8.5
80°-90°	45.2	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°	23839.6	100.0
0°-180°	23839.6	100.0



REPORT NUMBER: P1049382

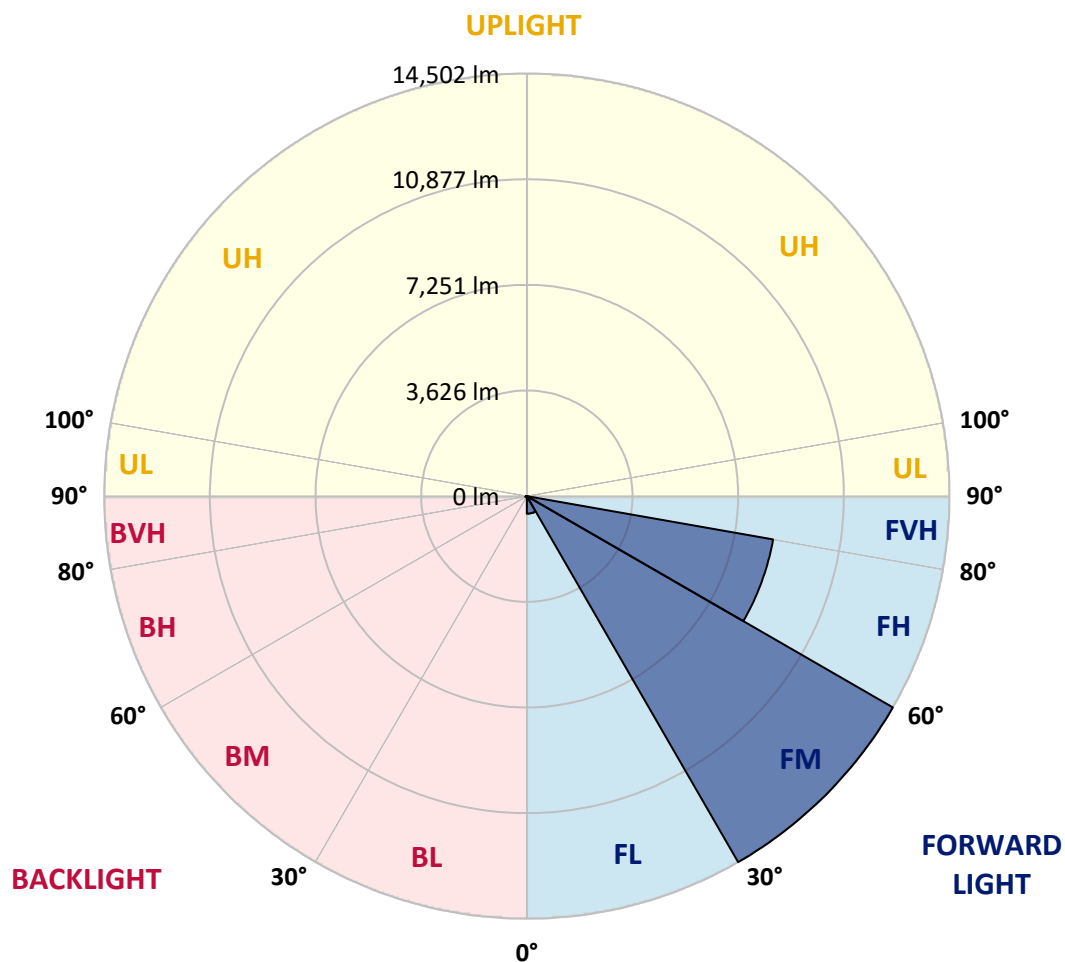
CATALOG NUMBER: GALN-SA8B-935-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	604.8	2.5			
FM	(30°-60°)	14502.3	60.8			
FH	(60°-80°)	8578.2	36.0			G4/12000
FVH	(80°-90°)	34.9	0.1			G1/100
BL	(0°-30°)	21.9	0.1	B0/110		
BM	(30°-60°)	42.7	0.2	B0/220		
BH	(60°-80°)	44.5	0.2	B0/110		G0/110
BVH	(80°-90°)	10.2	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



REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5
2.5°	95.5	95.5	95.5	95.5	93.7	93.7	91.9	91.9	90.1	90.1
5°	100.9	100.9	99.1	97.3	97.3	95.5	93.7	91.9	91.9	90.1
7.5°	109.9	108.1	106.3	104.5	100.9	99.1	95.5	93.7	91.9	88.3
10°	120.7	117.1	113.5	109.9	106.3	102.7	99.1	97.3	93.7	91.9
12.5°	135.1	129.7	122.5	117.1	113.5	108.1	104.5	100.9	95.5	91.9
15°	147.7	140.5	131.5	124.3	118.9	111.7	106.3	100.9	97.3	91.9
17.5°	165.7	153.1	138.7	129.7	122.5	113.5	104.5	99.1	93.7	86.5
20°	196.4	171.1	144.1	133.3	122.5	111.7	100.9	93.7	88.3	81.1
22.5°	245.0	201.8	158.5	142.3	127.9	111.7	97.3	90.1	82.9	75.7
25°	338.7	261.2	183.8	162.1	140.5	118.9	97.3	88.3	81.1	72.1
27.5°	450.4	335.1	218.0	187.4	158.5	127.9	97.3	86.5	77.5	66.7
30°	563.9	410.8	255.8	216.2	176.6	136.9	97.3	84.7	73.9	61.3
32.5°	672.0	481.0	288.2	241.4	194.6	145.9	99.1	84.7	70.3	55.8
35°	781.9	538.7	293.7	245.0	196.4	145.9	97.3	81.1	66.7	50.4
37.5°	922.4	603.5	282.8	234.2	187.4	138.7	91.9	77.5	63.1	46.8
40°	1135.0	711.6	288.2	237.8	187.4	136.9	86.5	72.1	59.5	45.0
42.5°	1527.7	920.6	311.7	254.0	196.4	136.9	79.3	66.7	55.8	43.2
45°	2641.1	1529.5	418.0	331.5	245.0	158.5	72.1	61.3	52.2	41.4
47.5°	4368.7	2560.0	751.2	580.1	410.8	239.6	70.3	61.3	52.2	41.4
50°	5575.8	3260.8	945.8	727.8	509.8	291.8	73.9	63.1	54.0	43.2
52.5°	5566.7	3311.2	1053.9	808.9	565.7	320.7	77.5	66.7	57.6	46.8
55°	4948.8	3012.2	1073.7	825.1	578.3	329.7	82.9	72.1	61.3	50.4
57.5°	4136.3	2558.2	980.0	758.4	538.7	317.1	95.5	82.9	72.1	59.5
60°	3271.6	2017.7	763.9	603.5	445.0	284.6	126.1	109.9	95.5	79.3
62.5°	2259.1	1462.8	666.6	535.1	405.3	273.8	144.1	127.9	113.5	97.3
65°	1598.0	1100.7	601.7	490.0	380.1	268.4	156.7	138.7	122.5	104.5
67.5°	1194.4	875.5	554.9	459.4	363.9	268.4	172.9	151.3	131.5	109.9
70°	915.2	718.8	520.6	443.2	367.5	290.0	212.6	182.0	153.1	122.5
72.5°	745.8	614.3	481.0	425.2	369.3	313.5	257.6	218.0	178.4	136.9
75°	617.9	526.0	434.2	387.3	342.3	295.5	248.6	212.6	178.4	142.3
77.5°	410.8	374.7	336.9	309.9	282.8	254.0	227.0	196.4	167.5	136.9
80°	144.1	138.7	133.3	144.1	154.9	165.7	176.6	154.9	135.1	113.5
82.5°	21.6	19.8	18.0	19.8	21.6	23.4	25.2	27.0	28.8	30.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5
0.0	2.5°	88.3	88.3	86.5	86.5	86.5	84.7	84.7	82.9	82.9	82.9
0.0	5°	86.5	86.5	84.7	82.9	81.1	81.1	79.3	77.5	77.5	75.7
0.0	7.5°	84.7	82.9	81.1	79.3	77.5	75.7	73.9	72.1	72.1	70.3
0.0	10°	86.5	82.9	81.1	77.5	75.7	73.9	70.3	68.5	66.7	66.7
0.0	12.5°	82.9	81.1	77.5	73.9	72.1	68.5	66.7	63.1	61.3	61.3
0.0	15°	82.9	79.3	73.9	70.3	66.7	64.9	61.3	57.6	55.8	54.0
0.0	17.5°	77.5	73.9	68.5	64.9	61.3	57.6	54.0	50.4	48.6	46.8
0.0	20°	70.3	66.7	61.3	55.8	52.2	48.6	45.0	41.4	39.6	37.8
0.0	22.5°	63.1	59.5	54.0	48.6	45.0	41.4	36.0	32.4	30.6	27.0
0.0	25°	59.5	54.0	48.6	43.2	37.8	34.2	28.8	23.4	19.8	16.2
0.0	27.5°	50.4	45.0	39.6	34.2	28.8	23.4	18.0	12.6	9.0	7.2
0.0	30°	43.2	37.8	32.4	27.0	19.8	14.4	9.0	1.8	1.8	1.8
0.0	32.5°	36.0	30.6	23.4	18.0	14.4	9.0	5.4	0.0	0.0	0.0
0.0	35°	28.8	23.4	16.2	10.8	9.0	5.4	3.6	0.0	0.0	0.0
0.0	37.5°	25.2	19.8	12.6	5.4	3.6	3.6	1.8	0.0	0.0	0.0
0.0	40°	23.4	16.2	9.0	1.8	1.8	1.8	0.0	0.0	0.0	0.0
0.0	42.5°	23.4	16.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	23.4	16.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	23.4	16.2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	25.2	18.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	28.8	21.6	14.4	7.2	5.4	3.6	1.8	0.0	0.0	0.0
0.0	55°	36.0	32.4	27.0	23.4	18.0	12.6	5.4	0.0	0.0	0.0
0.0	57.5°	46.8	46.8	45.0	43.2	32.4	21.6	10.8	0.0	0.0	0.0
0.0	60°	63.1	63.1	63.1	63.1	46.8	32.4	16.2	0.0	0.0	0.0
0.0	62.5°	77.5	73.9	68.5	64.9	48.6	32.4	16.2	0.0	0.0	0.0
0.0	65°	77.5	70.3	61.3	52.2	39.6	27.0	12.6	0.0	0.0	0.0
0.0	67.5°	72.1	57.6	41.4	27.0	19.8	14.4	7.2	0.0	0.0	0.0
	70°	72.1	50.4	28.8	7.2	5.4	3.6	1.8	0.0	0.0	0.0
	72.5°	72.1	48.6	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	79.3	54.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	79.3	54.0	27.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	70.3	46.8	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	23.4	16.2	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



REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5
0.0	2.5°	81.1	81.1	81.1	79.3	79.3	79.3	79.3	77.5	77.5	77.5
0.0	5°	73.9	73.9	72.1	72.1	70.3	70.3	68.5	68.5	66.7	66.7
0.0	7.5°	68.5	66.7	66.7	64.9	63.1	63.1	61.3	61.3	59.5	57.6
0.0	10°	63.1	61.3	61.3	59.5	57.6	55.8	55.8	54.0	52.2	50.4
0.0	12.5°	57.6	55.8	54.0	52.2	50.4	48.6	48.6	46.8	45.0	43.2
0.0	15°	50.4	48.6	46.8	45.0	43.2	41.4	41.4	39.6	37.8	36.0
0.0	17.5°	43.2	41.4	41.4	39.6	37.8	36.0	34.2	30.6	28.8	27.0
0.0	20°	32.4	30.6	28.8	27.0	25.2	21.6	19.8	16.2	12.6	10.8
0.0	22.5°	21.6	18.0	16.2	12.6	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



REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5
0.0	2.5°	75.7	75.7	75.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9
0.0	5°	64.9	64.9	64.9	63.1	63.1	61.3	61.3	61.3	59.5	59.5
0.0	7.5°	55.8	54.0	54.0	52.2	52.2	50.4	50.4	50.4	48.6	48.6
0.0	10°	46.8	45.0	45.0	43.2	43.2	41.4	41.4	39.6	39.6	37.8
0.0	12.5°	41.4	39.6	37.8	36.0	36.0	34.2	32.4	32.4	30.6	28.8
0.0	15°	32.4	30.6	28.8	27.0	25.2	23.4	21.6	21.6	19.8	18.0
0.0	17.5°	21.6	18.0	16.2	14.4	14.4	12.6	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

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-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°	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5
0.0	2.5°	73.9	72.1	72.1	72.1	73.9	73.9	73.9	73.9	73.9	73.9
0.0	5°	59.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
0.0	7.5°	48.6	46.8	46.8	46.8	46.8	45.0	45.0	45.0	45.0	45.0
0.0	10°	37.8	36.0	36.0	36.0	36.0	34.2	34.2	34.2	34.2	34.2
0.0	12.5°	27.0	27.0	25.2	25.2	25.2	23.4	23.4	23.4	23.4	21.6
0.0	15°	16.2	14.4	12.6	12.6	12.6	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
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5
0.0	2.5°	75.7	75.7	77.5	77.5	79.3	82.9	84.7	86.5	90.1	93.7
0.0	5°	59.5	61.3	61.3	63.1	64.9	66.7	68.5	70.3	73.9	77.5
0.0	7.5°	46.8	46.8	48.6	48.6	50.4	54.0	55.8	57.6	61.3	66.7
0.0	10°	36.0	36.0	37.8	37.8	39.6	43.2	45.0	46.8	50.4	55.8
0.0	12.5°	23.4	25.2	25.2	27.0	28.8	32.4	34.2	36.0	39.6	43.2
0.0	15°	10.8	12.6	12.6	14.4	16.2	19.8	21.6	23.4	27.0	32.4
0.0	17.5°	1.8	1.8	3.6	3.6	5.4	7.2	9.0	10.8	16.2	19.8
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: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-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°	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5
0.0	2.5°	99.1	102.7	106.3	109.9	113.5	117.1	118.9	122.5	124.3	126.1
0.0	5°	84.7	88.3	93.7	97.3	100.9	104.5	108.1	109.9	111.7	113.5
0.0	7.5°	73.9	77.5	82.9	86.5	90.1	93.7	97.3	100.9	102.7	104.5
0.0	10°	63.1	68.5	72.1	77.5	81.1	84.7	88.3	91.9	95.5	97.3
0.0	12.5°	50.4	55.8	61.3	64.9	70.3	75.7	79.3	82.9	86.5	90.1
0.0	15°	39.6	45.0	50.4	54.0	59.5	64.9	70.3	73.9	77.5	81.1
0.0	17.5°	28.8	34.2	39.6	43.2	48.6	54.0	57.6	63.1	66.7	70.3
0.0	20°	14.4	19.8	25.2	30.6	36.0	41.4	45.0	50.4	54.0	57.6
0.0	22.5°	1.8	7.2	12.6	16.2	21.6	27.0	30.6	36.0	39.6	43.2
0.0	25°	0.0	1.8	5.4	7.2	9.0	12.6	16.2	19.8	23.4	27.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.8	3.6	7.2	10.8	14.4
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	12.6
	87.5°	0.0	1.8	3.6	5.4	7.2	10.8	14.4	18.0	19.8	21.6
	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: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
104.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.0	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											
16.2											
23.4											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5
0.0	2.5°	127.9	127.9	127.9	127.9	126.1	126.1	126.1	124.3	124.3	122.5
0.0	5°	117.1	118.9	118.9	118.9	118.9	118.9	118.9	118.9	117.1	117.1
0.0	7.5°	108.1	109.9	111.7	111.7	113.5	113.5	113.5	111.7	111.7	109.9
0.0	10°	102.7	104.5	104.5	106.3	106.3	106.3	106.3	106.3	106.3	106.3
0.0	12.5°	95.5	97.3	99.1	99.1	100.9	100.9	100.9	100.9	99.1	99.1
0.0	15°	86.5	90.1	91.9	93.7	93.7	95.5	95.5	95.5	95.5	95.5
0.0	17.5°	79.3	82.9	84.7	86.5	86.5	88.3	88.3	90.1	90.1	90.1
0.0	20°	64.9	68.5	70.3	73.9	75.7	77.5	79.3	81.1	81.1	82.9
0.0	22.5°	50.4	54.0	55.8	59.5	61.3	63.1	64.9	66.7	68.5	70.3
0.0	25°	36.0	39.6	41.4	45.0	46.8	48.6	50.4	52.2	52.2	54.0
0.0	27.5°	19.8	23.4	27.0	28.8	32.4	34.2	36.0	37.8	39.6	41.4
0.0	30°	9.0	10.8	12.6	16.2	18.0	19.8	21.6	25.2	27.0	28.8
0.0	32.5°	0.0	0.0	1.8	5.4	7.2	9.0	10.8	12.6	12.6	14.4
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	12.6	12.6	14.4	14.4	14.4	14.4	12.6	12.6
	85°	18.0	19.8	21.6	21.6	23.4	23.4	23.4	23.4	23.4	23.4
	87.5°	25.2	27.0	28.8	28.8	30.6	30.6	30.6	30.6	30.6	30.6
	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: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
104.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.0	145°	0.0	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	0.0
3.6	150°	0.0	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	0.0
1.8	155°	0.0	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	0.0
1.8	160°	0.0	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	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
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											
5.4											
12.6											
23.4											
30.6											
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											

REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-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°	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5
0.0	2.5°	120.7	120.7	118.9	118.9	118.9	118.9	118.9	120.7	122.5	122.5
0.0	5°	115.3	115.3	113.5	113.5	113.5	115.3	115.3	117.1	118.9	120.7
0.0	7.5°	109.9	108.1	108.1	109.9	109.9	111.7	111.7	113.5	115.3	117.1
0.0	10°	106.3	104.5	104.5	104.5	106.3	106.3	108.1	109.9	111.7	113.5
0.0	12.5°	99.1	99.1	99.1	99.1	100.9	100.9	102.7	104.5	108.1	109.9
0.0	15°	95.5	93.7	93.7	93.7	93.7	95.5	95.5	99.1	102.7	104.5
0.0	17.5°	88.3	88.3	86.5	86.5	88.3	88.3	90.1	93.7	97.3	99.1
0.0	20°	81.1	79.3	77.5	77.5	79.3	79.3	81.1	84.7	88.3	90.1
0.0	22.5°	70.3	68.5	68.5	68.5	68.5	70.3	70.3	73.9	79.3	82.9
0.0	25°	55.8	57.6	57.6	59.5	59.5	61.3	63.1	66.7	72.1	75.7
0.0	27.5°	43.2	45.0	45.0	48.6	50.4	52.2	54.0	59.5	64.9	68.5
0.0	30°	32.4	34.2	36.0	37.8	41.4	45.0	48.6	54.0	59.5	63.1
0.0	32.5°	19.8	23.4	25.2	28.8	32.4	36.0	39.6	45.0	52.2	57.6
0.0	35°	14.4	16.2	19.8	21.6	25.2	28.8	32.4	39.6	45.0	52.2
0.0	37.5°	7.2	10.8	14.4	18.0	21.6	25.2	28.8	36.0	43.2	48.6
0.0	40°	5.4	9.0	10.8	14.4	19.8	23.4	27.0	34.2	41.4	48.6
0.0	42.5°	3.6	5.4	7.2	12.6	16.2	21.6	27.0	34.2	41.4	48.6
0.0	45°	3.6	3.6	5.4	10.8	16.2	23.4	28.8	36.0	41.4	48.6
0.0	47.5°	3.6	5.4	7.2	14.4	18.0	23.4	28.8	34.2	41.4	46.8
0.0	50°	5.4	7.2	9.0	16.2	19.8	25.2	28.8	36.0	41.4	48.6
0.0	52.5°	3.6	5.4	7.2	14.4	19.8	27.0	32.4	39.6	46.8	52.2
0.0	55°	1.8	1.8	1.8	10.8	21.6	30.6	41.4	46.8	54.0	59.5
0.0	57.5°	0.0	0.0	0.0	7.2	21.6	34.2	46.8	54.0	61.3	66.7
0.0	60°	0.0	0.0	0.0	7.2	21.6	34.2	46.8	55.8	64.9	73.9
0.0	62.5°	0.0	0.0	0.0	7.2	18.0	28.8	39.6	54.0	70.3	84.7
0.0	65°	0.0	0.0	0.0	5.4	14.4	23.4	32.4	54.0	75.7	95.5
0.0	67.5°	0.0	0.0	0.0	5.4	14.4	21.6	30.6	54.0	75.7	99.1
	70°	0.0	0.0	0.0	5.4	14.4	23.4	32.4	54.0	75.7	97.3
	72.5°	0.0	0.0	0.0	5.4	16.2	25.2	36.0	54.0	72.1	90.1
	75°	0.0	0.0	0.0	7.2	16.2	27.0	37.8	54.0	70.3	84.7
	77.5°	0.0	0.0	0.0	5.4	16.2	25.2	36.0	52.2	68.5	82.9
	80°	5.4	3.6	3.6	9.0	16.2	23.4	30.6	46.8	64.9	81.1
	82.5°	10.8	10.8	9.0	12.6	16.2	21.6	27.0	41.4	57.6	72.1
	85°	21.6	21.6	19.8	21.6	21.6	23.4	25.2	32.4	39.6	46.8
	87.5°	28.8	28.8	27.0	27.0	27.0	25.2	25.2	25.2	25.2	23.4
	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: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
104.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.3	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
118.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.9											
108.1											
100.9											
99.1											
97.3											
86.5											
54.0											
23.4											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5
0.0	2.5°	126.1	127.9	127.9	129.7	131.5	133.3	133.3	135.1	135.1	135.1
0.0	5°	124.3	127.9	129.7	131.5	133.3	135.1	136.9	138.7	140.5	140.5
0.0	7.5°	122.5	124.3	127.9	129.7	133.3	135.1	138.7	140.5	142.3	144.1
0.0	10°	118.9	122.5	126.1	129.7	133.3	136.9	140.5	144.1	147.7	149.5
0.0	12.5°	115.3	120.7	124.3	127.9	133.3	138.7	142.3	147.7	151.3	154.9
0.0	15°	113.5	117.1	122.5	126.1	133.3	140.5	145.9	153.1	160.3	165.7
0.0	17.5°	108.1	115.3	120.7	126.1	133.3	142.3	149.5	156.7	167.5	178.4
0.0	20°	100.9	106.3	113.5	118.9	129.7	138.7	149.5	158.5	174.7	191.0
0.0	22.5°	93.7	100.9	106.3	113.5	126.1	136.9	149.5	160.3	187.4	212.6
0.0	25°	86.5	95.5	102.7	109.9	124.3	138.7	153.1	167.5	212.6	257.6
0.0	27.5°	82.9	90.1	99.1	106.3	124.3	144.1	162.1	180.2	252.2	322.5
0.0	30°	77.5	86.5	93.7	102.7	126.1	149.5	172.9	196.4	306.3	416.2
0.0	32.5°	72.1	81.1	90.1	99.1	129.7	160.3	189.2	219.8	363.9	506.2
0.0	35°	66.7	77.5	86.5	95.5	135.1	176.6	216.2	255.8	416.2	574.7
0.0	37.5°	64.9	75.7	84.7	93.7	136.9	178.4	221.6	263.0	421.6	580.1
0.0	40°	66.7	75.7	86.5	95.5	131.5	167.5	201.8	237.8	403.5	567.5
0.0	42.5°	66.7	77.5	88.3	99.1	127.9	156.7	185.6	214.4	398.1	581.9
0.0	45°	64.9	75.7	86.5	97.3	124.3	149.5	176.6	201.8	430.6	657.6
0.0	47.5°	63.1	73.9	84.7	95.5	122.5	149.5	176.6	203.6	556.7	908.0
0.0	50°	63.1	73.9	82.9	91.9	124.3	158.5	191.0	223.4	810.7	1396.2
0.0	52.5°	66.7	75.7	82.9	90.1	127.9	167.5	205.4	243.2	1030.5	1815.9
0.0	55°	72.1	77.5	84.7	90.1	136.9	182.0	228.8	273.8	1097.1	1920.4
0.0	57.5°	79.3	84.7	90.1	95.5	153.1	210.8	266.6	324.3	1102.5	1879.0
0.0	60°	88.3	95.5	100.9	106.3	167.5	230.6	291.8	353.1	998.1	1641.2
0.0	62.5°	108.1	117.1	124.3	133.3	192.8	250.4	309.9	367.5	828.7	1289.9
0.0	65°	124.3	131.5	138.7	145.9	203.6	263.0	320.7	378.3	702.6	1026.9
0.0	67.5°	127.9	135.1	140.5	147.7	207.2	266.6	324.3	383.7	601.7	817.9
	70°	129.7	138.7	149.5	158.5	219.8	281.0	340.5	401.7	533.3	664.8
	72.5°	124.3	142.3	158.5	174.7	232.4	288.2	345.9	401.7	495.4	589.1
	75°	124.3	149.5	172.9	196.4	239.6	281.0	324.3	365.7	437.8	509.8
	77.5°	131.5	163.9	196.4	228.8	254.0	277.4	302.7	326.1	372.9	419.8
	80°	131.5	165.7	198.2	232.4	243.2	255.8	266.6	277.4	282.8	288.2
	82.5°	113.5	140.5	167.5	194.6	182.0	169.3	156.7	144.1	135.1	124.3
	85°	57.6	63.1	66.7	70.3	64.9	59.5	54.0	48.6	45.0	39.6
	87.5°	23.4	23.4	21.6	21.6	21.6	21.6	19.8	19.8	19.8	19.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
104.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
192.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
221.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
282.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
383.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
533.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
722.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
902.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1025.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1117.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1208.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1389.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1749.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2666.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4084.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5141.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5258.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4745.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4057.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3170.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2396.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1769.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1252.1											
931.4											
677.4											
509.8											
286.4											
129.7											
37.8											
18.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-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°	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5
0.0	2.5°	135.1	133.3	133.3	131.5	129.7	127.9	126.1	124.3	122.5	120.7
0.0	5°	140.5	140.5	140.5	138.7	138.7	136.9	136.9	135.1	133.3	131.5
0.0	7.5°	145.9	147.7	147.7	149.5	149.5	149.5	149.5	147.7	147.7	147.7
0.0	10°	154.9	156.7	158.5	160.3	162.1	163.9	163.9	165.7	165.7	165.7
0.0	12.5°	165.7	171.1	174.7	180.2	183.8	189.2	192.8	198.2	201.8	205.4
0.0	15°	182.0	191.0	201.8	210.8	219.8	232.4	246.8	259.4	272.0	291.8
0.0	17.5°	205.4	234.2	263.0	290.0	318.9	381.9	445.0	506.2	569.3	661.2
0.0	20°	250.4	336.9	421.6	508.0	592.7	814.3	1034.1	1255.7	1475.5	1711.5
0.0	22.5°	351.3	563.9	776.5	989.0	1201.6	1664.6	2125.8	2588.8	3050.0	3592.3
0.0	25°	509.8	900.8	1291.7	1680.8	2071.8	2796.0	3522.0	4246.2	4970.4	5674.8
0.0	27.5°	742.2	1340.3	1938.5	2534.8	3132.9	4114.7	5098.3	6080.2	7062.0	7858.3
0.0	30°	1028.7	1839.4	2650.1	3460.8	4271.4	5388.4	6505.3	7620.5	8737.5	9607.6
0.0	32.5°	1298.9	2291.6	3284.2	4275.0	5267.7	6539.6	7813.3	9085.1	10357.0	11308.2
0.0	35°	1475.5	2675.3	3876.9	5076.7	6276.6	7652.9	9029.3	10403.9	11780.2	12866.6
0.0	37.5°	1652.0	3037.4	4421.0	5806.4	7189.9	8701.4	10212.9	11724.4	13235.9	14578.0
0.0	40°	1850.2	3475.2	5098.3	6723.3	8346.5	10137.2	11926.2	13716.9	15505.8	17399.2
0.0	42.5°	2194.3	4201.2	6209.9	8216.8	10223.7	12592.7	14961.8	17329.0	19698.0	22400.3
0.0	45°	2841.0	5669.4	8499.6	11328.1	14156.5	17294.7	20434.8	23573.1	26711.4	30307.2
0.0	47.5°	4424.6	8315.9	12205.4	16096.7	19986.2	23374.9	26761.8	30150.5	33537.4	37118.9
0.0	50°	6770.2	11299.2	15828.3	20355.6	24884.6	27950.8	31015.3	34081.5	37145.9	40552.6
0.0	52.5°	8467.2	13185.4	17905.5	22623.7	27341.9	30109.1	32878.0	35645.2	38412.4	41595.7
0.0	55°	8595.1	13286.3	17979.3	22670.5	27361.7	30141.5	32921.3	35701.0	38480.8	41855.1
0.0	57.5°	7609.7	12263.1	16914.6	21568.0	26219.6	29384.9	32548.4	35713.7	38877.2	42525.3
0.0	60°	6472.9	11128.1	15781.5	20436.6	25090.0	28736.3	32384.4	36030.7	39677.0	43094.6
0.0	62.5°	5049.7	9838.2	14628.5	19417.0	24205.4	27907.6	31609.8	35310.1	39012.3	41575.9
0.0	65°	3763.4	8413.2	13062.9	17710.9	22360.7	25326.0	28291.3	31254.9	34220.2	35807.3
0.0	67.5°	2720.3	6730.5	10739.0	14749.2	18757.6	20879.8	23002.0	25122.4	27244.6	28458.9
	70°	1839.4	4617.3	7393.5	10171.5	12947.6	14691.5	16437.2	18181.1	19925.0	21564.4
	72.5°	1273.7	2833.8	4395.7	5955.9	7516.0	9270.7	11023.6	12778.3	14531.2	16266.1
	75°	844.9	1554.7	2266.3	2976.1	3685.9	4984.9	6285.6	7584.5	8883.4	9917.5
	77.5°	599.9	812.5	1026.9	1239.5	1452.0	1695.2	1940.3	2183.5	2426.7	2796.0
	80°	284.6	311.7	338.7	363.9	390.9	479.2	567.5	655.8	744.0	837.7
	82.5°	135.1	145.9	156.7	165.7	176.6	185.6	194.6	203.6	212.6	203.6
	85°	36.0	36.0	37.8	37.8	37.8	37.8	37.8	37.8	37.8	36.0
	87.5°	16.2	16.2	16.2	16.2	16.2	16.2	16.2	14.4	14.4	12.6
	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: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
104.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
313.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
751.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1949.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4134.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6379.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8654.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10479.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12261.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13952.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15922.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19292.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25102.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33903.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40700.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43959.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44779.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45231.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46173.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46510.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44141.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37396.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29674.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23202.0											
18001.0											
10951.5											
3165.3											
931.4											
192.8											
34.2											
12.6											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5
0.0	2.5°	117.1	115.3	113.5	111.7	109.9	106.3	106.3	104.5	104.5
0.0	5°	127.9	126.1	124.3	122.5	122.5	120.7	118.9	118.9	117.1
0.0	7.5°	145.9	144.1	142.3	140.5	140.5	138.7	138.7	136.9	136.9
0.0	10°	167.5	167.5	167.5	167.5	167.5	165.7	165.7	165.7	163.9
0.0	12.5°	210.8	212.6	216.2	219.8	225.2	225.2	225.2	223.4	223.4
0.0	15°	333.3	353.1	367.5	381.9	394.5	423.4	419.8	414.4	410.8
0.0	17.5°	843.1	933.2	981.8	1028.7	1077.3	1210.6	1189.0	1167.4	1147.6
0.0	20°	2185.3	2421.3	2578.0	2734.7	2893.3	3143.7	3082.4	3021.2	2959.9
0.0	22.5°	4675.0	5217.2	5453.3	5689.3	5923.5	6226.1	6029.7	5833.4	5638.8
0.0	25°	7081.8	7786.2	8184.4	8582.5	8978.9	9151.8	8896.0	8638.4	8382.5
0.0	27.5°	9450.9	10247.1	10598.4	10947.9	11299.2	11661.3	11344.3	11025.4	10708.3
0.0	30°	11349.7	12219.8	12599.9	12978.3	13358.4	13610.6	13282.7	12953.0	12625.2
0.0	32.5°	13212.5	14163.7	14579.8	14996.0	15410.3	15772.5	15368.9	14963.6	14560.0
0.0	35°	15037.4	16123.8	16696.6	17269.5	17842.4	18179.3	17700.1	17219.1	16739.9
0.0	37.5°	17264.1	18606.3	19247.6	19889.0	20530.3	21144.6	20616.8	20087.1	19559.3
0.0	40°	21186.1	23079.5	24063.1	25048.6	26032.2	26824.9	26158.3	25491.7	24825.2
0.0	42.5°	27804.9	30507.2	31921.4	33333.8	34748.0	35985.7	35284.9	34584.1	33883.3
0.0	45°	37499.0	41094.8	42818.9	44541.2	46265.3	47169.6	46160.8	45150.1	44141.2
0.0	47.5°	44280.0	47861.4	49396.3	50931.2	52466.1	53498.4	52264.4	51030.3	49798.1
0.0	50°	47364.2	50770.9	52311.2	53849.7	55390.0	56209.7	54784.7	53357.9	51932.9
0.0	52.5°	47960.5	51143.8	52981.4	54820.8	56658.3	57753.7	56071.0	54386.6	52703.9
0.0	55°	48605.5	51979.7	54110.9	56244.0	58375.2	59892.1	57989.7	56085.4	54183.0
0.0	57.5°	49819.7	53467.8	55593.6	57717.6	59843.4	61131.5	59223.7	57314.1	55406.3
0.0	60°	49927.8	53343.5	55170.3	56998.8	58825.6	59636.3	57811.3	55984.5	54159.6
0.0	62.5°	46704.8	49268.4	50536.7	51805.0	53073.3	53954.2	52050.0	50144.0	48239.7
0.0	65°	38983.4	40570.6	41581.3	42591.9	43602.6	44652.9	42909.0	41165.1	39421.2
0.0	67.5°	30889.1	32103.4	33434.7	34766.0	36097.4	37219.7	35823.6	34425.6	33029.4
	70°	24841.4	26479.0	27976.1	29473.1	30970.2	31889.0	30487.4	29084.0	27682.4
	72.5°	19735.8	21470.7	22721.0	23969.4	25219.7	25444.9	24414.4	23383.9	22355.3
	75°	11983.8	13017.9	13043.1	13066.5	13091.8	13306.1	12452.2	11598.3	10746.2
	77.5°	3534.6	3903.9	4208.4	4511.0	4815.5	5183.0	4869.6	4554.3	4240.8
	80°	1023.3	1117.0	1196.2	1273.7	1353.0	1306.1	1232.3	1158.4	1084.5
	82.5°	183.8	172.9	171.1	169.3	169.3	160.3	145.9	131.5	117.1
	85°	32.4	30.6	28.8	27.0	25.2	23.4	19.8	18.0	14.4
	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



REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-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°	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5	104.5
0.0	0.0	2.5°	102.7	100.9	100.9	100.9	100.9	99.1	99.1	99.1	99.1
0.0	0.0	5°	113.5	113.5	111.7	111.7	109.9	109.9	108.1	108.1	106.3
0.0	0.0	7.5°	133.3	131.5	129.7	127.9	126.1	122.5	120.7	118.9	118.9
0.0	0.0	10°	160.3	156.7	154.9	151.3	149.5	145.9	142.3	138.7	135.1
0.0	0.0	12.5°	210.8	203.6	198.2	191.0	183.8	178.4	171.1	165.7	158.5
0.0	0.0	15°	365.7	347.7	327.9	304.5	279.2	255.8	230.6	216.2	200.0
0.0	0.0	17.5°	935.0	841.3	745.8	668.4	590.9	515.2	437.8	381.9	326.1
0.0	0.0	20°	2379.8	2120.4	1861.0	1605.2	1347.5	1091.7	834.1	704.4	574.7
0.0	0.0	22.5°	4478.6	3997.6	3514.8	3048.2	2579.8	2113.2	1646.6	1353.0	1061.1
0.0	0.0	25°	6912.5	6307.2	5701.9	4934.4	4165.2	3397.7	2630.2	2152.8	1675.4
0.0	0.0	27.5°	8995.1	8297.9	7600.7	6667.5	5734.3	4801.1	3867.9	3156.3	2446.5
0.0	0.0	30°	10798.4	10049.0	9299.5	8213.2	7126.9	6040.6	4954.2	4064.3	3174.3
0.0	0.0	32.5°	12362.1	11465.0	10567.8	9447.3	8326.7	7206.1	6085.6	4993.9	3902.1
0.0	0.0	35°	14165.5	13118.8	12070.3	10827.2	9582.4	8339.3	7096.3	5864.0	4629.9
0.0	0.0	37.5°	16457.0	15172.5	13886.2	12500.9	11115.5	9731.9	8346.5	6937.7	5528.9
0.0	0.0	40°	20843.8	19186.4	17528.9	15768.8	14006.9	12246.8	10486.7	8757.3	7027.8
0.0	0.0	42.5°	28703.9	26464.6	24225.3	21883.3	19539.5	17197.5	14853.7	12414.4	9973.3
0.0	0.0	45°	37574.6	34796.7	32016.9	29388.5	26758.2	24129.8	21501.3	18154.1	14806.8
0.0	0.0	47.5°	42563.1	39563.5	36564.0	34076.1	31588.1	29100.2	26612.3	23003.8	19395.3
0.0	0.0	50°	44398.9	41345.3	38291.7	36001.9	33710.3	31420.6	29129.0	25515.2	21899.5
0.0	0.0	52.5°	44789.8	41674.9	38560.1	36255.9	33951.8	31649.4	29345.2	25754.8	22164.3
0.0	0.0	55°	45593.3	42251.4	38907.8	36281.1	33654.5	31027.9	28401.2	24753.1	21105.0
0.0	0.0	57.5°	46643.6	43217.1	39790.5	36798.2	33805.8	30815.3	27822.9	23834.3	19845.7
0.0	0.0	60°	46367.9	43386.4	40403.1	37198.1	33991.4	30786.5	27579.7	23193.0	18804.4
0.0	0.0	62.5°	41583.1	39208.6	36832.4	34196.8	31559.3	28923.7	26288.0	21771.6	17255.1
0.0	0.0	65°	34209.4	32476.3	30743.2	28622.8	26500.6	24380.2	22259.8	18209.9	14161.9
0.0	0.0	67.5°	27725.6	25772.8	23818.1	22128.3	20436.6	18746.8	17055.1	13868.2	10681.3
		70°	22027.4	19903.4	17777.6	16127.4	14475.3	12825.1	11174.9	9056.3	6939.5
		72.5°	17492.9	15577.9	13662.9	11902.8	10140.8	8380.7	6618.8	5366.8	4114.7
		75°	8360.9	7595.3	6829.6	5909.0	4988.5	4067.9	3147.3	2601.4	2057.4
		77.5°	3098.6	2686.1	2271.7	1897.0	1522.3	1149.4	774.7	709.8	645.0
		80°	801.7	699.0	594.5	520.6	445.0	371.1	297.3	268.4	241.4
		82.5°	91.9	84.7	79.3	75.7	70.3	66.7	61.3	55.8	50.4
		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: P1049382
CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049382

CATALOG NUMBER: GALN-SA8B-935-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	104.5	104.5
0.0	0.0	2.5°	97.3	95.5
0.0	0.0	5°	102.7	100.9
0.0	0.0	7.5°	113.5	109.9
0.0	0.0	10°	124.3	120.7
0.0	0.0	12.5°	140.5	135.1
0.0	0.0	15°	158.5	147.7
0.0	0.0	17.5°	189.2	165.7
0.0	0.0	20°	255.8	196.4
0.0	0.0	22.5°	360.3	245.0
0.0	0.0	25°	529.7	338.7
0.0	0.0	27.5°	736.8	450.4
0.0	0.0	30°	980.0	563.9
0.0	0.0	32.5°	1194.4	672.0
0.0	0.0	35°	1473.7	781.9
0.0	0.0	37.5°	1817.8	922.4
0.0	0.0	40°	2351.0	1135.0
0.0	0.0	42.5°	3311.2	1527.7
0.0	0.0	45°	5377.6	2641.1
0.0	0.0	47.5°	8274.5	4368.7
0.0	0.0	50°	10122.8	5575.8
0.0	0.0	52.5°	10274.2	5566.7
0.0	0.0	55°	9378.8	4948.8
0.0	0.0	57.5°	8002.4	4136.3
0.0	0.0	60°	6651.3	3271.6
0.0	0.0	62.5°	5240.7	2259.1
0.0	0.0	65°	3830.1	1598.0
0.0	0.0	67.5°	2750.9	1194.4
		70°	1808.7	915.2
		72.5°	1178.2	745.8
		75°	792.7	617.9
		77.5°	463.0	410.8
		80°	163.9	144.1
		82.5°	30.6	21.6
		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: P1049382

CATALOG NUMBER: GALN-SA8B-935-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: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

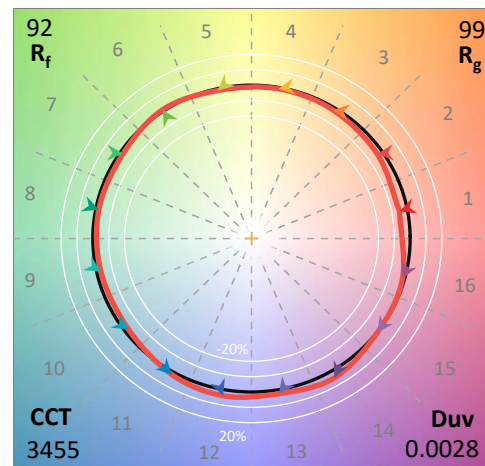
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-15
 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-935-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3455
 CIE u' : 0.2356
 CIE v' : 0.5159
 Duv: 0.0028
 CIE x: 0.4109
 CIE y: 0.3999
 CIE z: 0.1892
 Peak Wavelength (nm): 616
 Dominant Wavelength (nm): 579
 Purity: 43.35383
 R_f: 92.3
 R_g: 98.5

CRI (Ra): 92.2
 R1: 92.0
 R2: 94.4
 R3: 95.6
 R4: 93.2
 R5: 91.4
 R6: 92.5
 R7: 94.5
 R8: 84.2
 R9: 59.8
 R10: 85.8
 R11: 93.2
 R12: 78.0
 R13: 92.5
 R14: 97.0
 R15: 88.4



Test Conditions

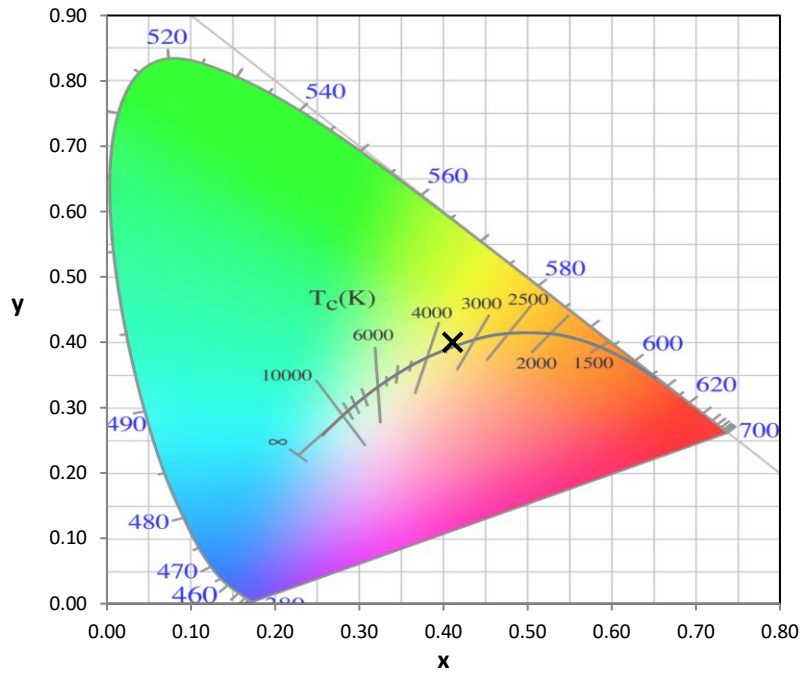
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-15

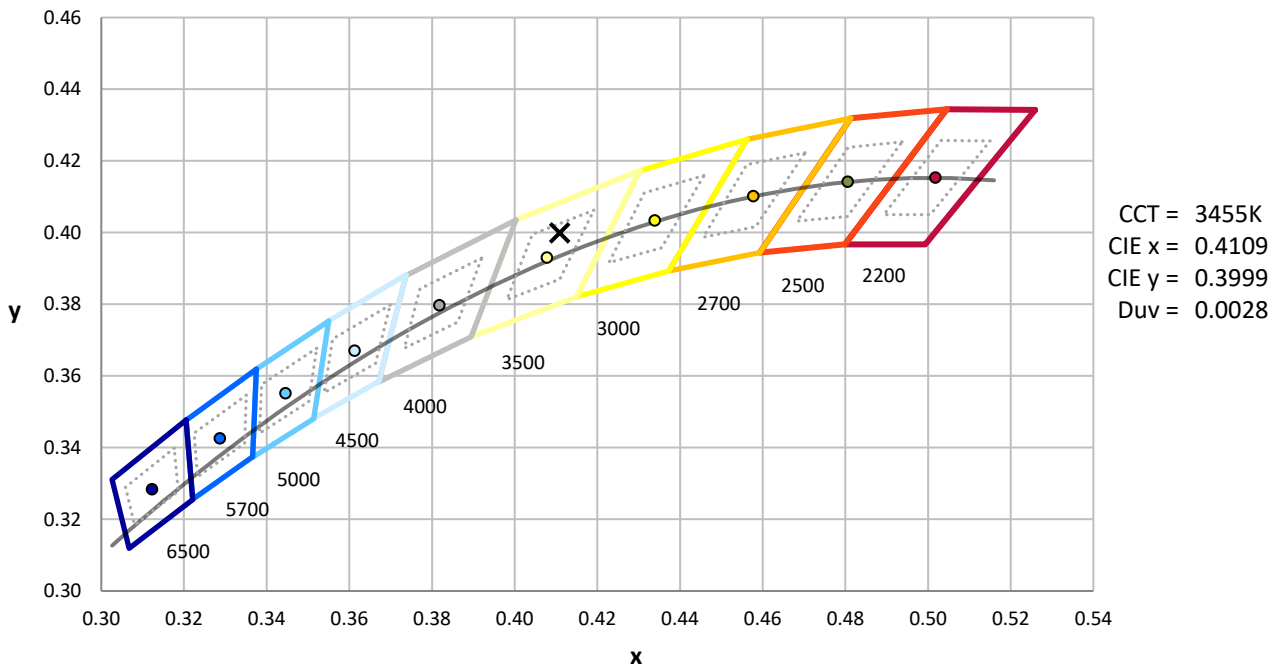
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-15

CIE 1931 Chromaticity Diagram



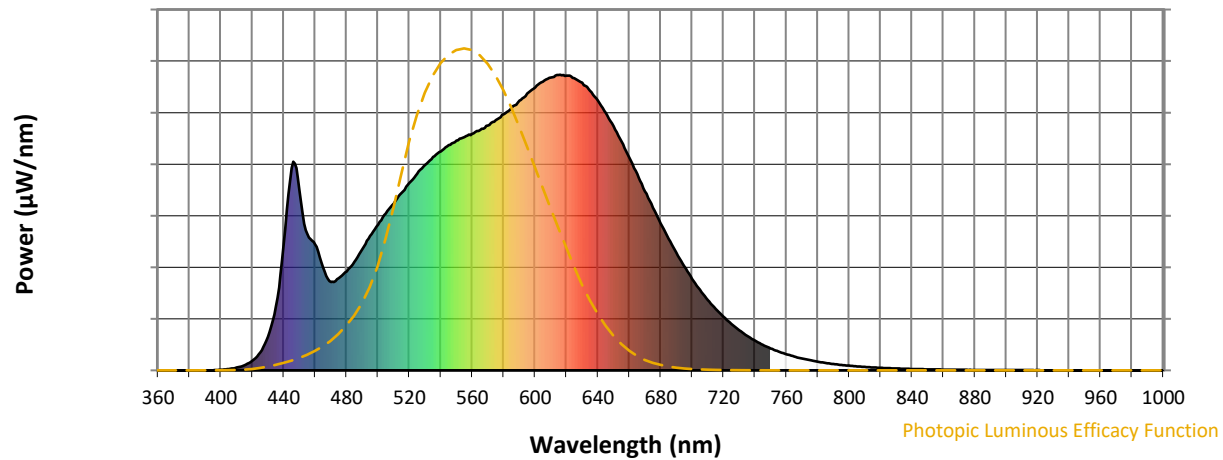
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-15

Photopic Flux vs. Wavelength

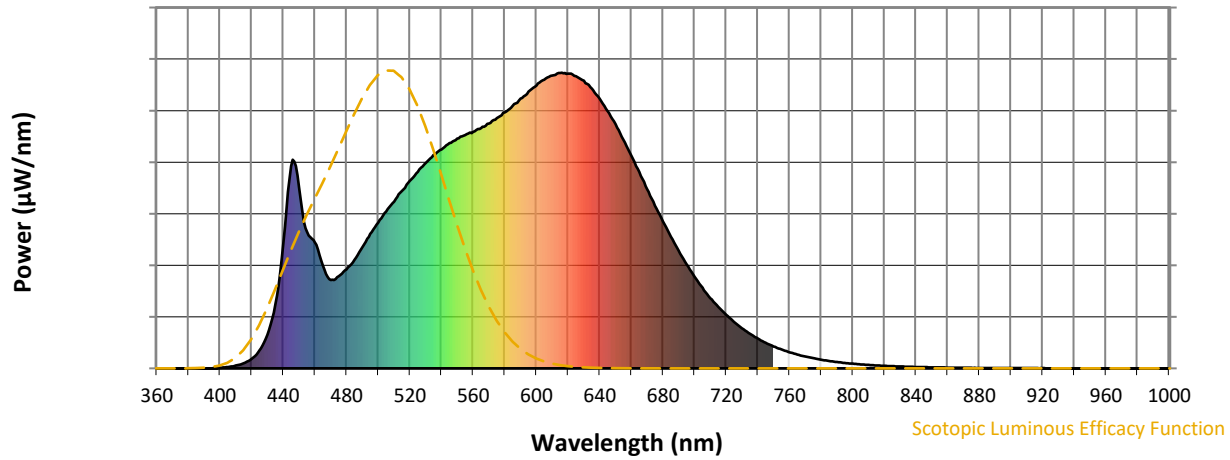


Photopic Lumens: NR

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-15

Scotopic Flux vs. Wavelength



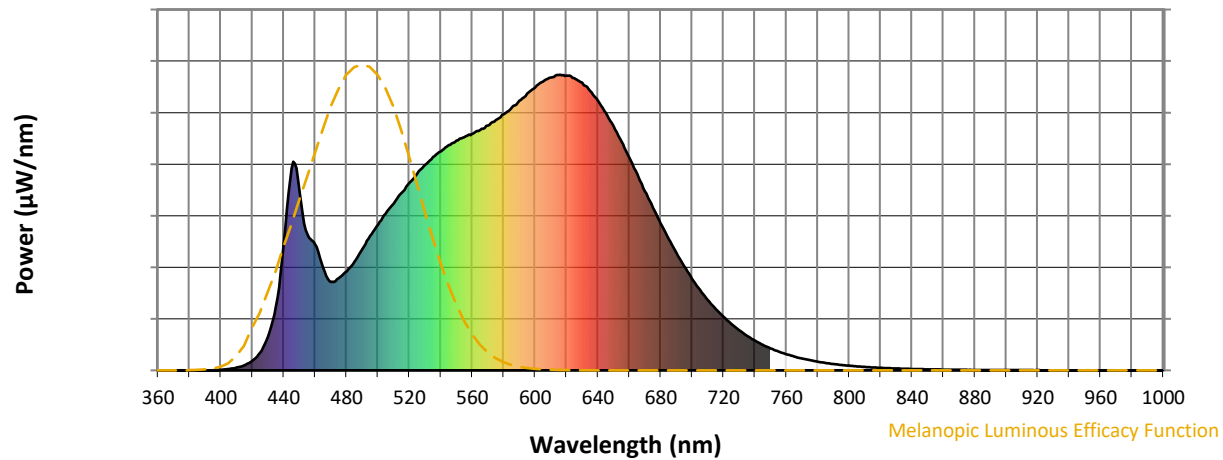
Scotopic Lumens: NR

S/P: 1.58

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-15

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.14

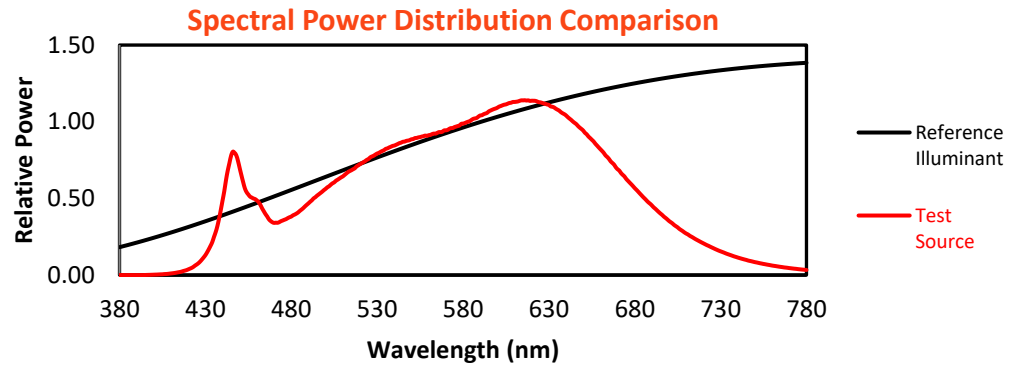
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-15

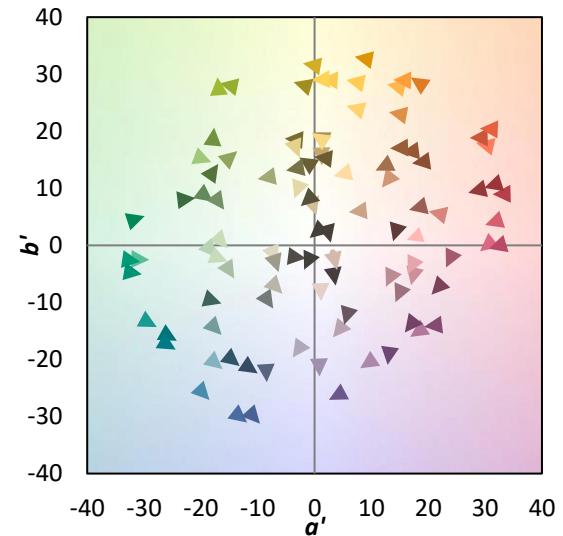
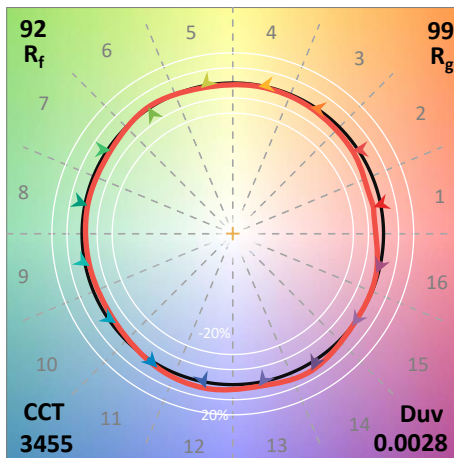
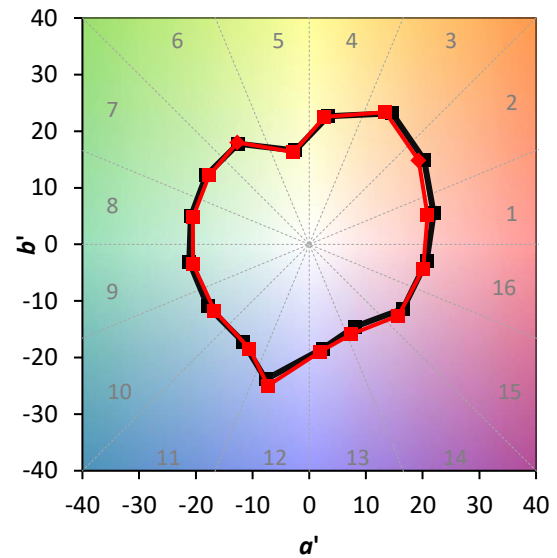
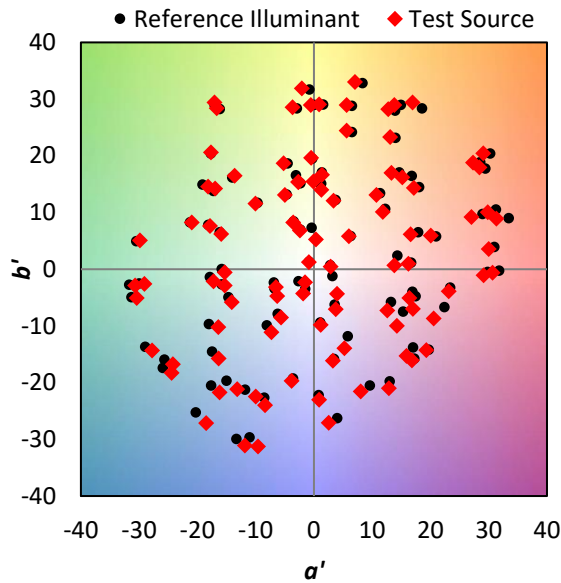
TM-30-18

Summary

$R_f = 92.3$
 $R_g = 98.5$
 CIE $R_a = 92.2$
 $R_9 = 59.8$

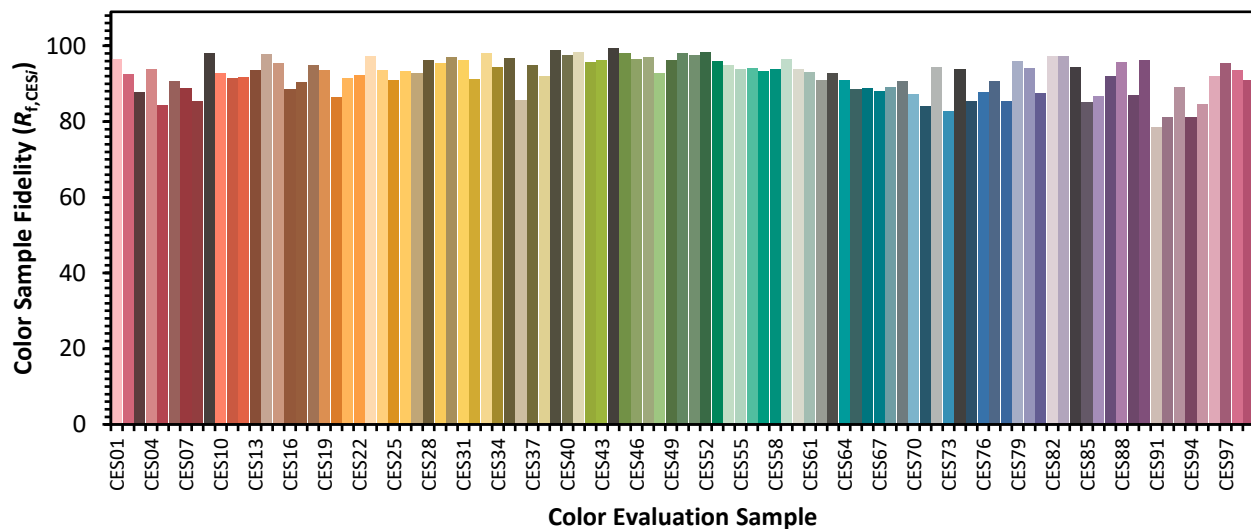


Color Vector Graphics

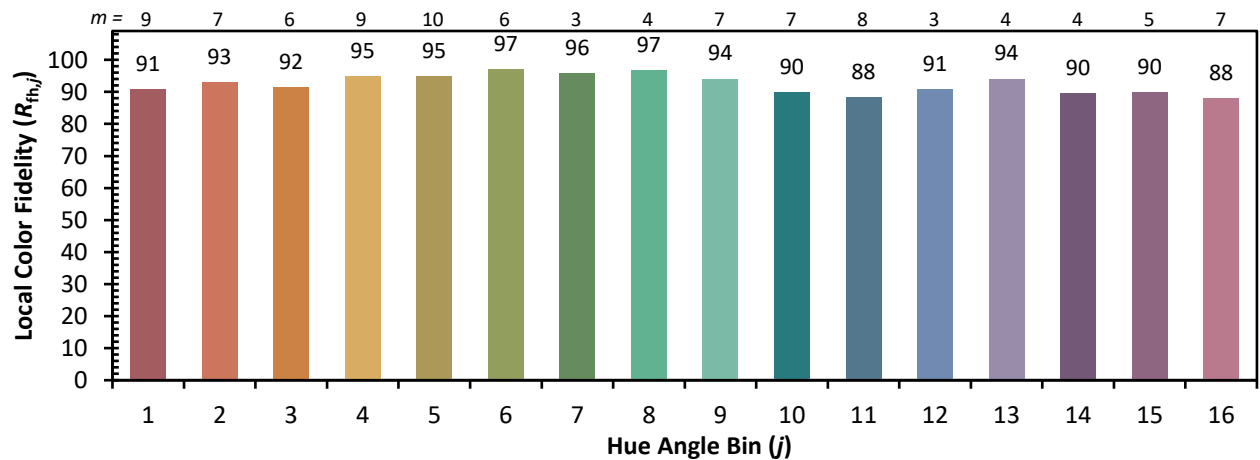
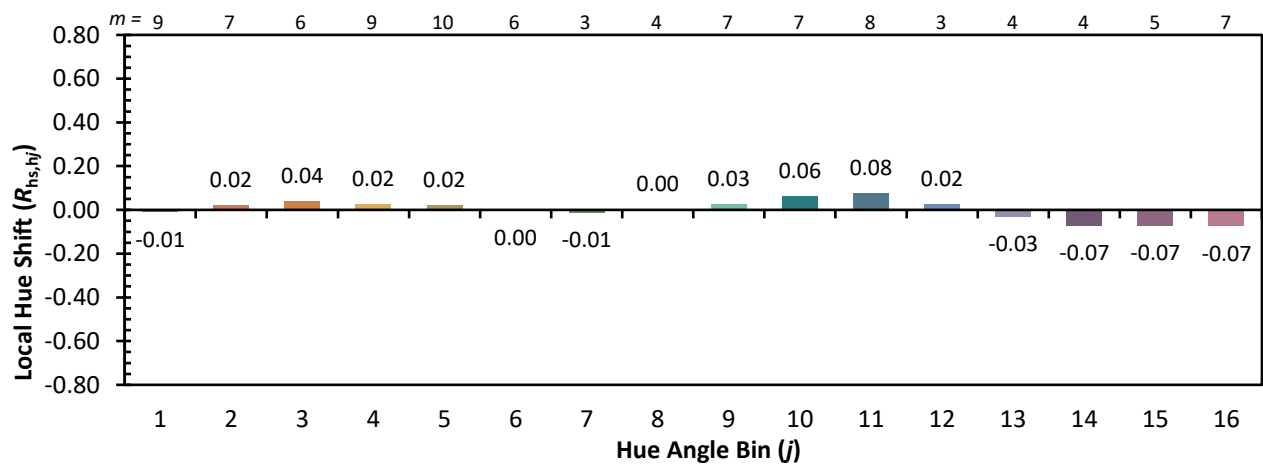
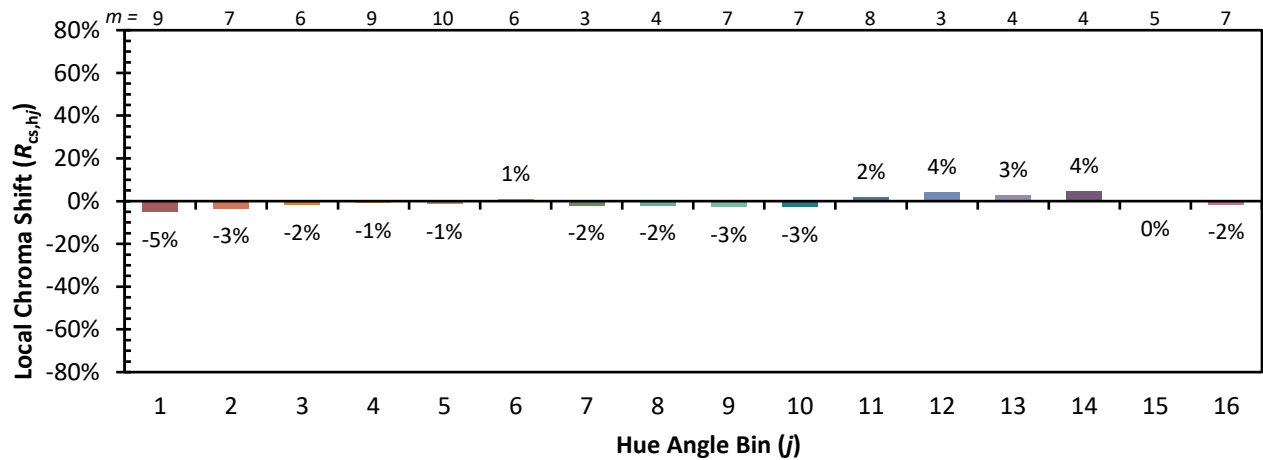


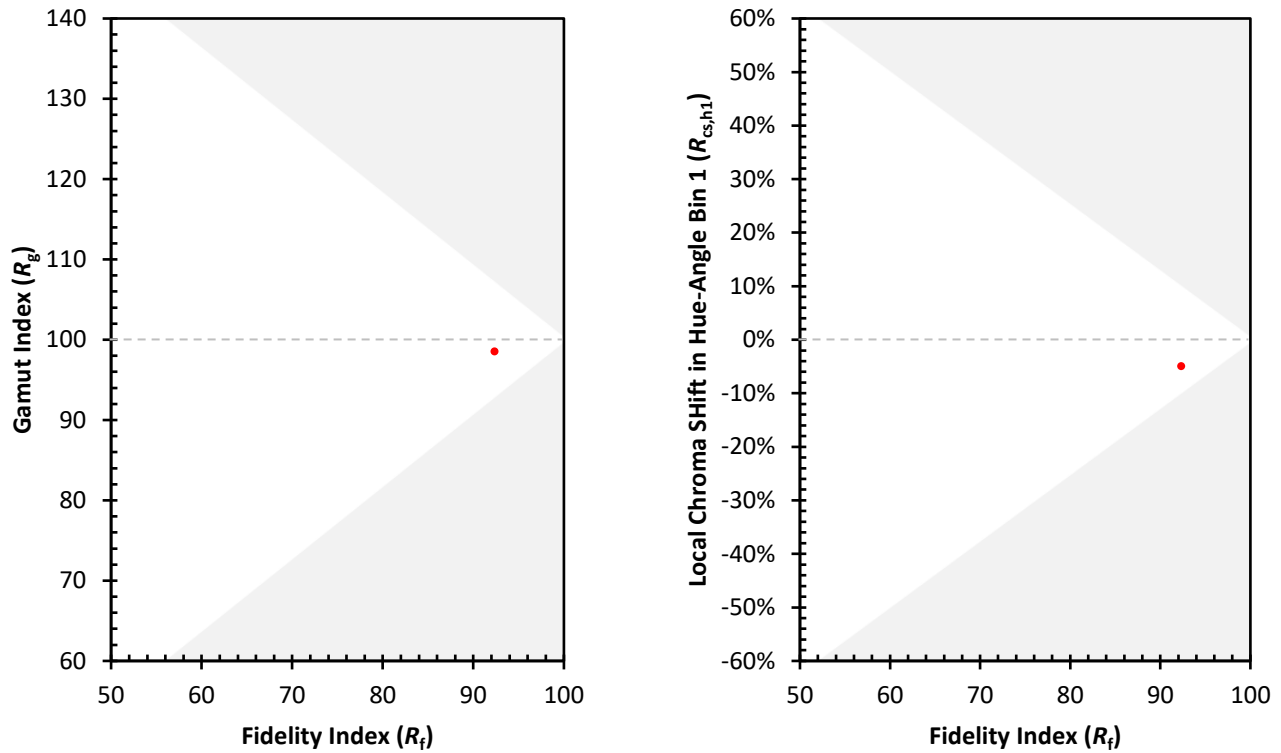
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)