

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: P1049019

Luminaire Tested: **GALN-SA7C-735-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049019
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7C-735-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE
70CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (98) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 34691.6 lumens
Efficiency: N/A
Efficacy: 105.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 330
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

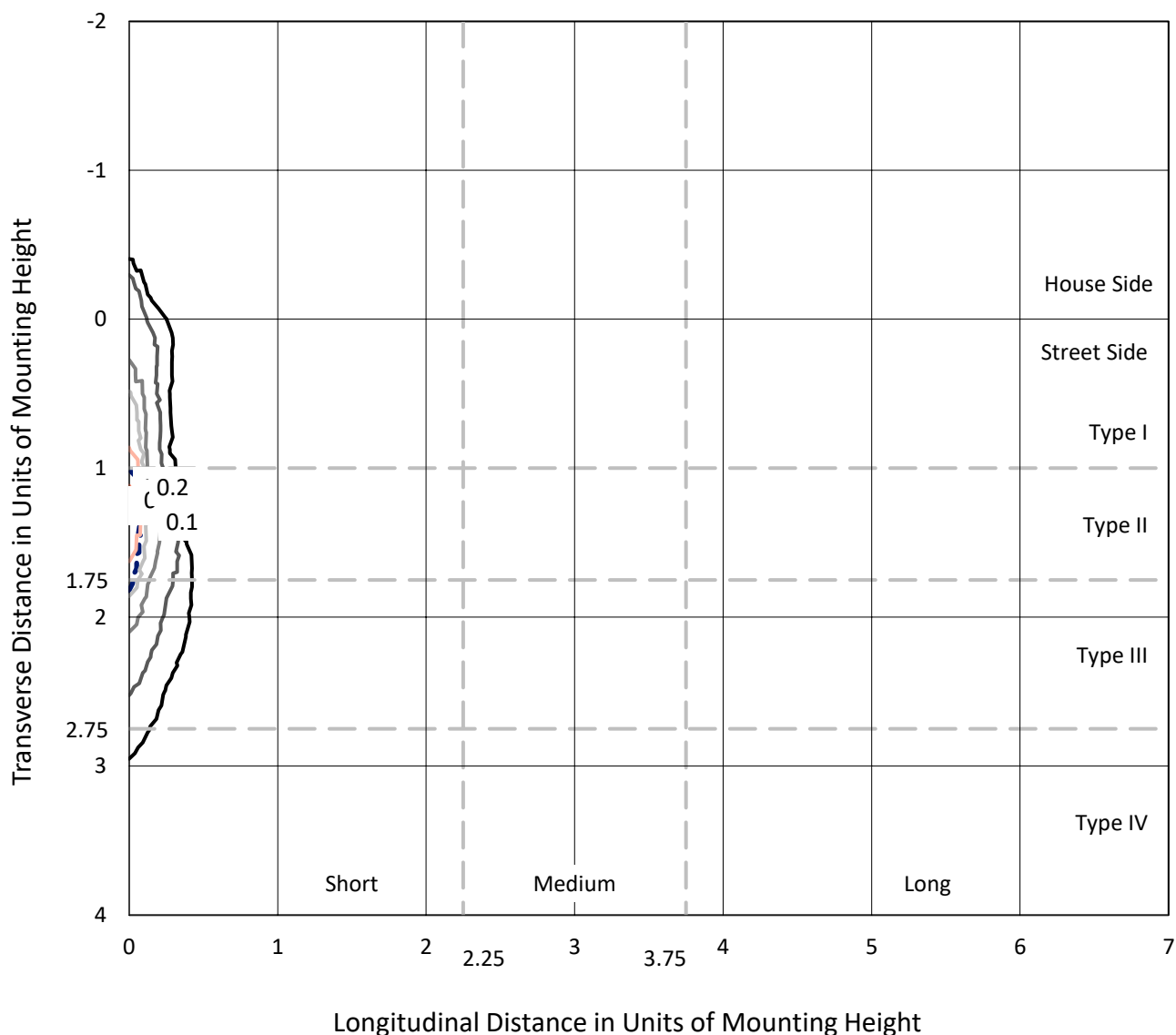
REPORT NUMBER: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

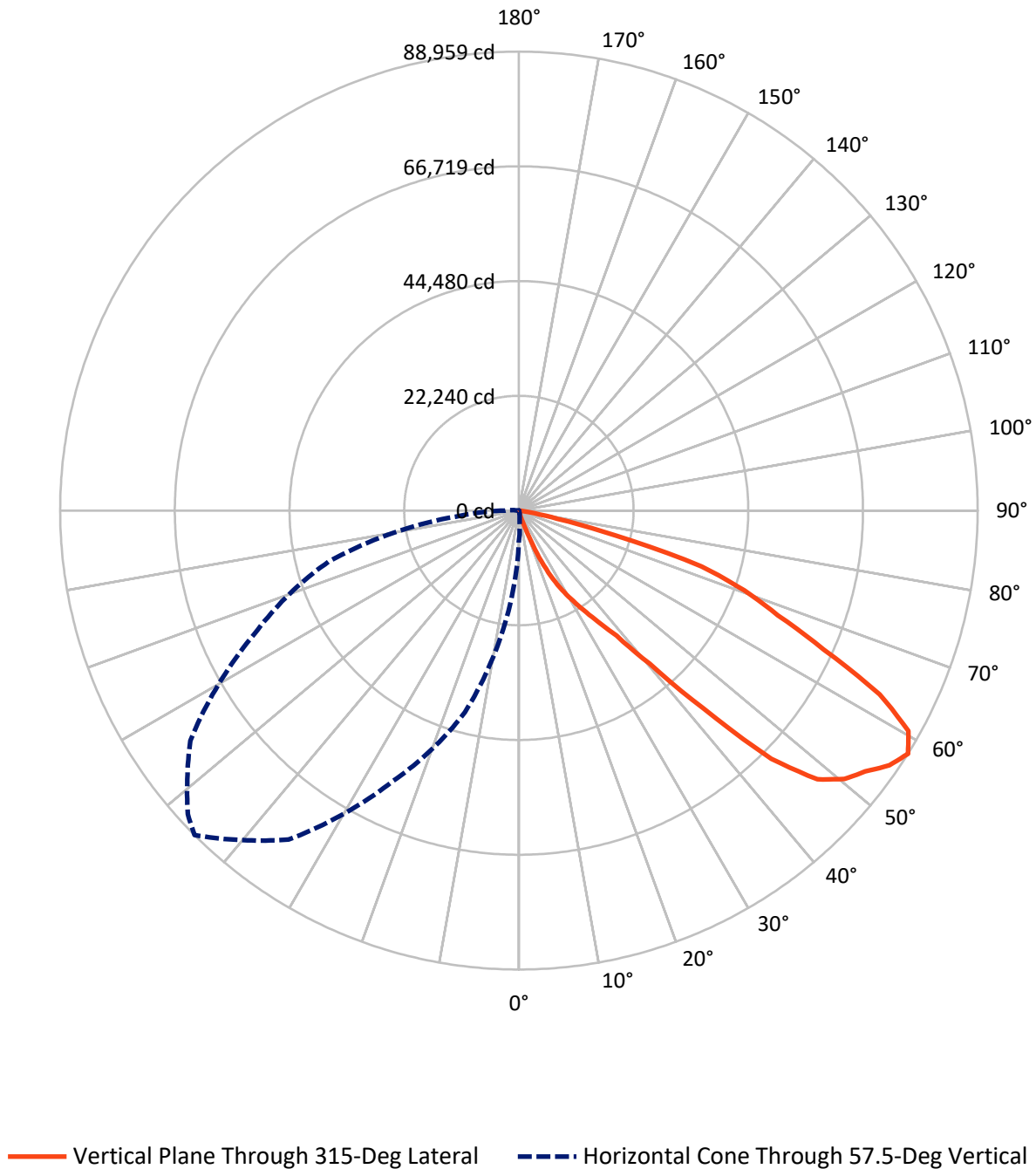


Based on 20 foot mounting height. Maximum calculated value = 5.1 fc

Type III - Short - N/A

REPORT NUMBER: P1049019
CATALOG NUMBER: GALN-SA7C-735-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

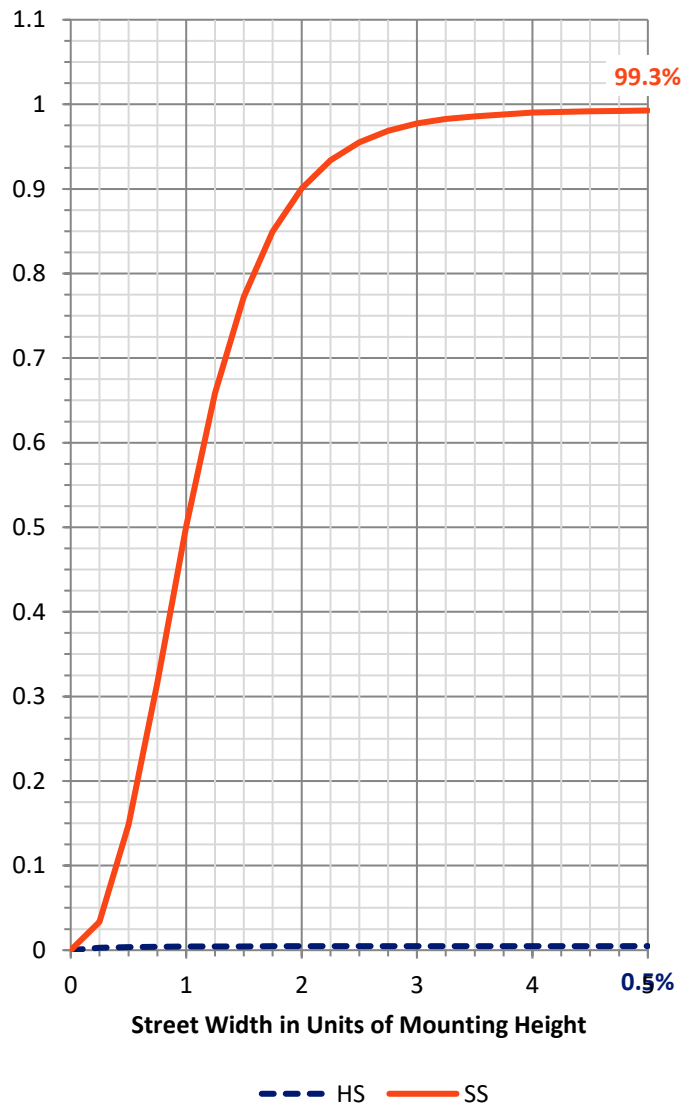
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	173.7	0.0	173.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	34517.9	0.0	34517.9
	% Fixture	99.5	0.0	99.5
Total	Lumens	34691.6	0.0	34691.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.6	0.0
10°-20°	76.2	0.2
20°-30°	822.1	2.4
30°-40°	2431.2	7.0
40°-50°	7245.7	20.9
50°-60°	11489.0	33.1
60°-70°	9590.6	27.6
70°-80°	2957.4	8.5
80°-90°	65.8	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°	34691.6	100.0
0°-180°	34691.6	100.0



REPORT NUMBER: P1049019

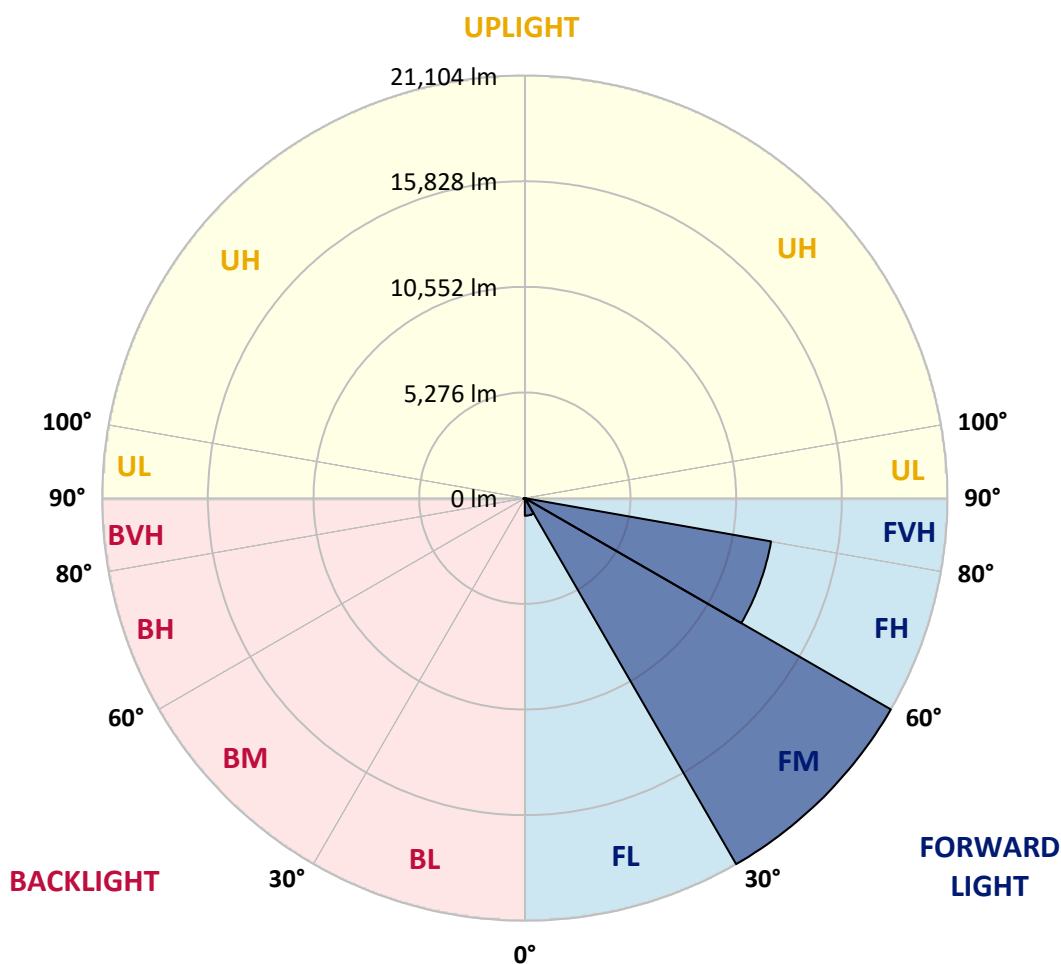
CATALOG NUMBER: GALN-SA7C-735-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	880.1	2.5			
FM	(30°-60°)	21103.8	60.8			
FH	(60°-80°)	12483.1	36.0			G5
FVH	(80°-90°)	50.8	0.1			G1/100
BL	(0°-30°)	31.9	0.1	B0/110		
BM	(30°-60°)	62.1	0.2	B0/220		
BH	(60°-80°)	64.8	0.2	B0/110		G0/110
BVH	(80°-90°)	14.9	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-G5

Type III Short



REPORT NUMBER: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1
2.5°	138.9	138.9	138.9	138.9	136.3	136.3	133.7	133.7	131.1	131.1
5°	146.8	146.8	144.2	141.6	141.6	138.9	136.3	133.7	133.7	131.1
7.5°	159.9	157.3	154.7	152.1	146.8	144.2	138.9	136.3	133.7	128.5
10°	175.6	170.4	165.2	159.9	154.7	149.4	144.2	141.6	136.3	133.7
12.5°	196.6	188.8	178.3	170.4	165.2	157.3	152.1	146.8	138.9	133.7
15°	215.0	204.5	191.4	180.9	173.0	162.5	154.7	146.8	141.6	133.7
17.5°	241.2	222.8	201.9	188.8	178.3	165.2	152.1	144.2	136.3	125.8
20°	285.8	249.1	209.7	194.0	178.3	162.5	146.8	136.3	128.5	118.0
22.5°	356.5	293.6	230.7	207.1	186.1	162.5	141.6	131.1	120.6	110.1
25°	492.9	380.1	267.4	235.9	204.5	173.0	141.6	128.5	118.0	104.9
27.5°	655.4	487.6	317.2	272.6	230.7	186.1	141.6	125.8	112.7	97.0
30°	820.6	597.7	372.3	314.6	256.9	199.2	141.6	123.2	107.5	89.1
32.5°	977.9	700.0	419.5	351.3	283.1	212.4	144.2	123.2	102.2	81.3
35°	1137.8	783.9	427.3	356.5	285.8	212.4	141.6	118.0	97.0	73.4
37.5°	1342.3	878.2	411.6	340.8	272.6	201.9	133.7	112.7	91.8	68.2
40°	1651.6	1035.5	419.5	346.1	272.6	199.2	125.8	104.9	86.5	65.5
42.5°	2223.1	1339.6	453.5	369.6	285.8	199.2	115.4	97.0	81.3	62.9
45°	3843.3	2225.7	608.2	482.4	356.5	230.7	104.9	89.1	76.0	60.3
47.5°	6357.4	3725.3	1093.2	844.2	597.7	348.7	102.2	89.1	76.0	60.3
50°	8113.9	4745.1	1376.3	1059.1	741.9	424.7	107.5	91.8	78.6	62.9
52.5°	8100.8	4818.5	1533.6	1177.1	823.2	466.6	112.7	97.0	83.9	68.2
55°	7201.6	4383.3	1562.5	1200.7	841.5	479.8	120.6	104.9	89.1	73.4
57.5°	6019.2	3722.7	1426.2	1103.7	783.9	461.4	138.9	120.6	104.9	86.5
60°	4760.8	2936.2	1111.6	878.2	647.5	414.2	183.5	159.9	138.9	115.4
62.5°	3287.5	2128.7	970.0	778.6	589.9	398.5	209.7	186.1	165.2	141.6
65°	2325.4	1601.8	875.6	713.1	553.2	390.6	228.1	201.9	178.3	152.1
67.5°	1738.1	1274.1	807.5	668.5	529.6	390.6	251.7	220.2	191.4	159.9
70°	1331.8	1046.0	757.6	644.9	534.8	422.1	309.4	264.8	222.8	178.3
72.5°	1085.3	894.0	700.0	618.7	537.4	456.2	374.9	317.2	259.5	199.2
75°	899.2	765.5	631.8	563.6	498.1	429.9	361.8	309.4	259.5	207.1
77.5°	597.7	545.3	490.2	450.9	411.6	369.6	330.3	285.8	243.8	199.2
80°	209.7	201.9	194.0	209.7	225.5	241.2	256.9	225.5	196.6	165.2
82.5°	31.5	28.8	26.2	28.8	31.5	34.1	36.7	39.3	41.9	44.6
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: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1
0.0	2.5°	128.5	128.5	125.8	125.8	125.8	123.2	123.2	120.6	120.6	120.6
0.0	5°	125.8	125.8	123.2	120.6	118.0	118.0	115.4	112.7	112.7	110.1
0.0	7.5°	123.2	120.6	118.0	115.4	112.7	110.1	107.5	104.9	104.9	102.2
0.0	10°	125.8	120.6	118.0	112.7	110.1	107.5	102.2	99.6	97.0	97.0
0.0	12.5°	120.6	118.0	112.7	107.5	104.9	99.6	97.0	91.8	89.1	89.1
0.0	15°	120.6	115.4	107.5	102.2	97.0	94.4	89.1	83.9	81.3	78.6
0.0	17.5°	112.7	107.5	99.6	94.4	89.1	83.9	78.6	73.4	70.8	68.2
0.0	20°	102.2	97.0	89.1	81.3	76.0	70.8	65.5	60.3	57.7	55.1
0.0	22.5°	91.8	86.5	78.6	70.8	65.5	60.3	52.4	47.2	44.6	39.3
0.0	25°	86.5	78.6	70.8	62.9	55.1	49.8	41.9	34.1	28.8	23.6
0.0	27.5°	73.4	65.5	57.7	49.8	41.9	34.1	26.2	18.4	13.1	10.5
0.0	30°	62.9	55.1	47.2	39.3	28.8	21.0	13.1	2.6	2.6	2.6
0.0	32.5°	52.4	44.6	34.1	26.2	21.0	13.1	7.9	0.0	0.0	0.0
0.0	35°	41.9	34.1	23.6	15.7	13.1	7.9	5.2	0.0	0.0	0.0
0.0	37.5°	36.7	28.8	18.4	7.9	5.2	5.2	2.6	0.0	0.0	0.0
0.0	40°	34.1	23.6	13.1	2.6	2.6	2.6	0.0	0.0	0.0	0.0
0.0	42.5°	34.1	23.6	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	34.1	23.6	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	34.1	23.6	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	36.7	26.2	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	41.9	31.5	21.0	10.5	7.9	5.2	2.6	0.0	0.0	0.0
0.0	55°	52.4	47.2	39.3	34.1	26.2	18.4	7.9	0.0	0.0	0.0
0.0	57.5°	68.2	68.2	65.5	62.9	47.2	31.5	15.7	0.0	0.0	0.0
0.0	60°	91.8	91.8	91.8	91.8	68.2	47.2	23.6	0.0	0.0	0.0
0.0	62.5°	112.7	107.5	99.6	94.4	70.8	47.2	23.6	0.0	0.0	0.0
0.0	65°	112.7	102.2	89.1	76.0	57.7	39.3	18.4	0.0	0.0	0.0
0.0	67.5°	104.9	83.9	60.3	39.3	28.8	21.0	10.5	0.0	0.0	0.0
	70°	104.9	73.4	41.9	10.5	7.9	5.2	2.6	0.0	0.0	0.0
	72.5°	104.9	70.8	34.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	115.4	78.6	39.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	115.4	78.6	39.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	102.2	68.2	34.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	34.1	23.6	10.5	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-SA7C-735-U-RBC

[illegible]



REPORT NUMBER: P1049019

CATALOG NUMBER: GALN-SA7C-735-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°	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1
0.0	2.5°	118.0	118.0	118.0	115.4	115.4	115.4	115.4	112.7	112.7	112.7
0.0	5°	107.5	107.5	104.9	104.9	102.2	102.2	99.6	99.6	97.0	97.0
0.0	7.5°	99.6	97.0	97.0	94.4	91.8	91.8	89.1	89.1	86.5	83.9
0.0	10°	91.8	89.1	89.1	86.5	83.9	81.3	81.3	78.6	76.0	73.4
0.0	12.5°	83.9	81.3	78.6	76.0	73.4	70.8	70.8	68.2	65.5	62.9
0.0	15°	73.4	70.8	68.2	65.5	62.9	60.3	60.3	57.7	55.1	52.4
0.0	17.5°	62.9	60.3	60.3	57.7	55.1	52.4	49.8	44.6	41.9	39.3
0.0	20°	47.2	44.6	41.9	39.3	36.7	31.5	28.8	23.6	18.4	15.7
0.0	22.5°	31.5	26.2	23.6	18.4	13.1	10.5	7.9	2.6	0.0	0.0
0.0	25°	10.5	7.9	5.2	2.6	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: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1
0.0	2.5°	110.1	110.1	110.1	107.5	107.5	107.5	107.5	107.5	107.5	107.5
0.0	5°	94.4	94.4	94.4	91.8	91.8	89.1	89.1	89.1	86.5	86.5
0.0	7.5°	81.3	78.6	78.6	76.0	76.0	73.4	73.4	73.4	70.8	70.8
0.0	10°	68.2	65.5	65.5	62.9	62.9	60.3	60.3	57.7	57.7	55.1
0.0	12.5°	60.3	57.7	55.1	52.4	52.4	49.8	47.2	47.2	44.6	41.9
0.0	15°	47.2	44.6	41.9	39.3	36.7	34.1	31.5	31.5	28.8	26.2
0.0	17.5°	31.5	26.2	23.6	21.0	21.0	18.4	15.7	13.1	10.5	7.9
0.0	20°	7.9	5.2	2.6	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: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049019

CATALOG NUMBER: GALN-SA7C-735-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°	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1
0.0	2.5°	107.5	104.9	104.9	104.9	107.5	107.5	107.5	107.5	107.5	107.5
0.0	5°	86.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
0.0	7.5°	70.8	68.2	68.2	68.2	68.2	65.5	65.5	65.5	65.5	65.5
0.0	10°	55.1	52.4	52.4	52.4	52.4	49.8	49.8	49.8	49.8	49.8
0.0	12.5°	39.3	39.3	36.7	36.7	36.7	34.1	34.1	34.1	34.1	31.5
0.0	15°	23.6	21.0	18.4	18.4	18.4	15.7	15.7	15.7	15.7	13.1
0.0	17.5°	5.2	5.2	2.6	2.6	2.6	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1
0.0	2.5°	110.1	110.1	112.7	112.7	115.4	120.6	123.2	125.8	131.1	136.3
0.0	5°	86.5	89.1	89.1	91.8	94.4	97.0	99.6	102.2	107.5	112.7
0.0	7.5°	68.2	68.2	70.8	70.8	73.4	78.6	81.3	83.9	89.1	97.0
0.0	10°	52.4	52.4	55.1	55.1	57.7	62.9	65.5	68.2	73.4	81.3
0.0	12.5°	34.1	36.7	36.7	39.3	41.9	47.2	49.8	52.4	57.7	62.9
0.0	15°	15.7	18.4	18.4	21.0	23.6	28.8	31.5	34.1	39.3	47.2
0.0	17.5°	2.6	2.6	5.2	5.2	7.9	10.5	13.1	15.7	23.6	28.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	10.5
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049019

CATALOG NUMBER: GALN-SA7C-735-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°	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1
0.0	2.5°	144.2	149.4	154.7	159.9	165.2	170.4	173.0	178.3	180.9	183.5
0.0	5°	123.2	128.5	136.3	141.6	146.8	152.1	157.3	159.9	162.5	165.2
0.0	7.5°	107.5	112.7	120.6	125.8	131.1	136.3	141.6	146.8	149.4	152.1
0.0	10°	91.8	99.6	104.9	112.7	118.0	123.2	128.5	133.7	138.9	141.6
0.0	12.5°	73.4	81.3	89.1	94.4	102.2	110.1	115.4	120.6	125.8	131.1
0.0	15°	57.7	65.5	73.4	78.6	86.5	94.4	102.2	107.5	112.7	118.0
0.0	17.5°	41.9	49.8	57.7	62.9	70.8	78.6	83.9	91.8	97.0	102.2
0.0	20°	21.0	28.8	36.7	44.6	52.4	60.3	65.5	73.4	78.6	83.9
0.0	22.5°	2.6	10.5	18.4	23.6	31.5	39.3	44.6	52.4	57.7	62.9
0.0	25°	0.0	2.6	7.9	10.5	13.1	18.4	23.6	28.8	34.1	39.3
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.6	5.2	10.5	15.7	21.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	2.6	5.2
	85°	0.0	0.0	0.0	0.0	0.0	5.2	7.9	13.1	15.7	18.4
	87.5°	0.0	2.6	5.2	7.9	10.5	15.7	21.0	26.2	28.8	31.5
	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: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
152.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.9	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											
2.6											
10.5											
23.6											
34.1											
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: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1
0.0	2.5°	186.1	186.1	186.1	186.1	183.5	183.5	183.5	180.9	180.9	178.3
0.0	5°	170.4	173.0	173.0	173.0	173.0	173.0	173.0	173.0	170.4	170.4
0.0	7.5°	157.3	159.9	162.5	162.5	165.2	165.2	165.2	162.5	162.5	159.9
0.0	10°	149.4	152.1	152.1	154.7	154.7	154.7	154.7	154.7	154.7	154.7
0.0	12.5°	138.9	141.6	144.2	144.2	146.8	146.8	146.8	146.8	144.2	144.2
0.0	15°	125.8	131.1	133.7	136.3	136.3	138.9	138.9	138.9	138.9	138.9
0.0	17.5°	115.4	120.6	123.2	125.8	125.8	128.5	128.5	131.1	131.1	131.1
0.0	20°	94.4	99.6	102.2	107.5	110.1	112.7	115.4	118.0	118.0	120.6
0.0	22.5°	73.4	78.6	81.3	86.5	89.1	91.8	94.4	97.0	99.6	102.2
0.0	25°	52.4	57.7	60.3	65.5	68.2	70.8	73.4	76.0	76.0	78.6
0.0	27.5°	28.8	34.1	39.3	41.9	47.2	49.8	52.4	55.1	57.7	60.3
0.0	30°	13.1	15.7	18.4	23.6	26.2	28.8	31.5	36.7	39.3	41.9
0.0	32.5°	0.0	0.0	2.6	7.9	10.5	13.1	15.7	18.4	18.4	21.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.6	5.2	7.9	10.5
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°	5.2	5.2	5.2	7.9	7.9	7.9	7.9	7.9	7.9	7.9
	82.5°	13.1	15.7	18.4	18.4	21.0	21.0	21.0	21.0	18.4	18.4
	85°	26.2	28.8	31.5	31.5	34.1	34.1	34.1	34.1	34.1	34.1
	87.5°	36.7	39.3	41.9	41.9	44.6	44.6	44.6	44.6	44.6	44.6
	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: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
152.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.6	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											
7.9											
18.4											
34.1											
44.6											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049019

CATALOG NUMBER: GALN-SA7C-735-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°	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1
0.0	2.5°	175.6	175.6	173.0	173.0	173.0	173.0	173.0	175.6	178.3	178.3
0.0	5°	167.8	167.8	165.2	165.2	165.2	167.8	167.8	170.4	173.0	175.6
0.0	7.5°	159.9	157.3	157.3	159.9	159.9	162.5	162.5	165.2	167.8	170.4
0.0	10°	154.7	152.1	152.1	152.1	154.7	154.7	157.3	159.9	162.5	165.2
0.0	12.5°	144.2	144.2	144.2	144.2	146.8	146.8	149.4	152.1	157.3	159.9
0.0	15°	138.9	136.3	136.3	136.3	136.3	138.9	138.9	144.2	149.4	152.1
0.0	17.5°	128.5	128.5	125.8	125.8	128.5	128.5	131.1	136.3	141.6	144.2
0.0	20°	118.0	115.4	112.7	112.7	115.4	115.4	118.0	123.2	128.5	131.1
0.0	22.5°	102.2	99.6	99.6	99.6	99.6	102.2	102.2	107.5	115.4	120.6
0.0	25°	81.3	83.9	83.9	86.5	86.5	89.1	91.8	97.0	104.9	110.1
0.0	27.5°	62.9	65.5	65.5	70.8	73.4	76.0	78.6	86.5	94.4	99.6
0.0	30°	47.2	49.8	52.4	55.1	60.3	65.5	70.8	78.6	86.5	91.8
0.0	32.5°	28.8	34.1	36.7	41.9	47.2	52.4	57.7	65.5	76.0	83.9
0.0	35°	21.0	23.6	28.8	31.5	36.7	41.9	47.2	57.7	65.5	76.0
0.0	37.5°	10.5	15.7	21.0	26.2	31.5	36.7	41.9	52.4	62.9	70.8
0.0	40°	7.9	13.1	15.7	21.0	28.8	34.1	39.3	49.8	60.3	70.8
0.0	42.5°	5.2	7.9	10.5	18.4	23.6	31.5	39.3	49.8	60.3	70.8
0.0	45°	5.2	5.2	7.9	15.7	23.6	34.1	41.9	52.4	60.3	70.8
0.0	47.5°	5.2	7.9	10.5	21.0	26.2	34.1	41.9	49.8	60.3	68.2
0.0	50°	7.9	10.5	13.1	23.6	28.8	36.7	41.9	52.4	60.3	70.8
0.0	52.5°	5.2	7.9	10.5	21.0	28.8	39.3	47.2	57.7	68.2	76.0
0.0	55°	2.6	2.6	2.6	15.7	31.5	44.6	60.3	68.2	78.6	86.5
0.0	57.5°	0.0	0.0	0.0	10.5	31.5	49.8	68.2	78.6	89.1	97.0
0.0	60°	0.0	0.0	0.0	10.5	31.5	49.8	68.2	81.3	94.4	107.5
0.0	62.5°	0.0	0.0	0.0	10.5	26.2	41.9	57.7	78.6	102.2	123.2
0.0	65°	0.0	0.0	0.0	7.9	21.0	34.1	47.2	78.6	110.1	138.9
0.0	67.5°	0.0	0.0	0.0	7.9	21.0	31.5	44.6	78.6	110.1	144.2
	70°	0.0	0.0	0.0	7.9	21.0	34.1	47.2	78.6	110.1	141.6
	72.5°	0.0	0.0	0.0	7.9	23.6	36.7	52.4	78.6	104.9	131.1
	75°	0.0	0.0	0.0	10.5	23.6	39.3	55.1	78.6	102.2	123.2
	77.5°	0.0	0.0	0.0	7.9	23.6	36.7	52.4	76.0	99.6	120.6
	80°	7.9	5.2	5.2	13.1	23.6	34.1	44.6	68.2	94.4	118.0
	82.5°	15.7	15.7	13.1	18.4	23.6	31.5	39.3	60.3	83.9	104.9
	85°	31.5	31.5	28.8	31.5	31.5	34.1	36.7	47.2	57.7	68.2
	87.5°	41.9	41.9	39.3	39.3	39.3	36.7	36.7	36.7	36.7	34.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
152.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.0											
157.3											
146.8											
144.2											
141.6											
125.8											
78.6											
34.1											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1
0.0	2.5°	183.5	186.1	186.1	188.8	191.4	194.0	194.0	196.6	196.6	196.6
0.0	5°	180.9	186.1	188.8	191.4	194.0	196.6	199.2	201.9	204.5	204.5
0.0	7.5°	178.3	180.9	186.1	188.8	194.0	196.6	201.9	204.5	207.1	209.7
0.0	10°	173.0	178.3	183.5	188.8	194.0	199.2	204.5	209.7	215.0	217.6
0.0	12.5°	167.8	175.6	180.9	186.1	194.0	201.9	207.1	215.0	220.2	225.5
0.0	15°	165.2	170.4	178.3	183.5	194.0	204.5	212.4	222.8	233.3	241.2
0.0	17.5°	157.3	167.8	175.6	183.5	194.0	207.1	217.6	228.1	243.8	259.5
0.0	20°	146.8	154.7	165.2	173.0	188.8	201.9	217.6	230.7	254.3	277.9
0.0	22.5°	136.3	146.8	154.7	165.2	183.5	199.2	217.6	233.3	272.6	309.4
0.0	25°	125.8	138.9	149.4	159.9	180.9	201.9	222.8	243.8	309.4	374.9
0.0	27.5°	120.6	131.1	144.2	154.7	180.9	209.7	235.9	262.2	367.0	469.3
0.0	30°	112.7	125.8	136.3	149.4	183.5	217.6	251.7	285.8	445.7	605.6
0.0	32.5°	104.9	118.0	131.1	144.2	188.8	233.3	275.3	319.8	529.6	736.7
0.0	35°	97.0	112.7	125.8	138.9	196.6	256.9	314.6	372.3	605.6	836.3
0.0	37.5°	94.4	110.1	123.2	136.3	199.2	259.5	322.5	382.8	613.5	844.2
0.0	40°	97.0	110.1	125.8	138.9	191.4	243.8	293.6	346.1	587.2	825.8
0.0	42.5°	97.0	112.7	128.5	144.2	186.1	228.1	270.0	312.0	579.4	846.8
0.0	45°	94.4	110.1	125.8	141.6	180.9	217.6	256.9	293.6	626.6	956.9
0.0	47.5°	91.8	107.5	123.2	138.9	178.3	217.6	256.9	296.2	810.1	1321.3
0.0	50°	91.8	107.5	120.6	133.7	180.9	230.7	277.9	325.1	1179.7	2031.7
0.0	52.5°	97.0	110.1	120.6	131.1	186.1	243.8	298.9	353.9	1499.6	2642.6
0.0	55°	104.9	112.7	123.2	131.1	199.2	264.8	332.9	398.5	1596.6	2794.6
0.0	57.5°	115.4	123.2	131.1	138.9	222.8	306.7	388.0	471.9	1604.4	2734.3
0.0	60°	128.5	138.9	146.8	154.7	243.8	335.6	424.7	513.8	1452.4	2388.3
0.0	62.5°	157.3	170.4	180.9	194.0	280.5	364.4	450.9	534.8	1205.9	1877.1
0.0	65°	180.9	191.4	201.9	212.4	296.2	382.8	466.6	550.5	1022.4	1494.3
0.0	67.5°	186.1	196.6	204.5	215.0	301.5	388.0	471.9	558.4	875.6	1190.2
	70°	188.8	201.9	217.6	230.7	319.8	409.0	495.5	584.6	776.0	967.4
	72.5°	180.9	207.1	230.7	254.3	338.2	419.5	503.3	584.6	720.9	857.3
	75°	180.9	217.6	251.7	285.8	348.7	409.0	471.9	532.2	637.1	741.9
	77.5°	191.4	238.6	285.8	332.9	369.6	403.7	440.4	474.5	542.7	610.8
	80°	191.4	241.2	288.4	338.2	353.9	372.3	388.0	403.7	411.6	419.5
	82.5°	165.2	204.5	243.8	283.1	264.8	246.4	228.1	209.7	196.6	180.9
	85°	83.9	91.8	97.0	102.2	94.4	86.5	78.6	70.8	65.5	57.7
	87.5°	34.1	34.1	31.5	31.5	31.5	31.5	28.8	28.8	28.8	28.8
	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: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
152.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
196.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
204.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
212.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
222.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
233.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
254.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
280.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
322.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
411.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
558.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
776.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1051.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1313.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1491.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1625.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1759.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2021.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2545.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3880.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5943.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7482.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7652.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6905.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5903.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4614.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3486.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2574.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1822.0											
1355.4											
985.7											
741.9											
416.8											
188.8											
55.1											
26.2											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049019

CATALOG NUMBER: GALN-SA7C-735-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°	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1
0.0	2.5°	196.6	194.0	194.0	191.4	188.8	186.1	183.5	180.9	178.3	175.6
0.0	5°	204.5	204.5	204.5	201.9	201.9	199.2	199.2	196.6	194.0	191.4
0.0	7.5°	212.4	215.0	215.0	217.6	217.6	217.6	217.6	215.0	215.0	215.0
0.0	10°	225.5	228.1	230.7	233.3	235.9	238.6	238.6	241.2	241.2	241.2
0.0	12.5°	241.2	249.1	254.3	262.2	267.4	275.3	280.5	288.4	293.6	298.9
0.0	15°	264.8	277.9	293.6	306.7	319.8	338.2	359.2	377.5	395.9	424.7
0.0	17.5°	298.9	340.8	382.8	422.1	464.0	555.8	647.5	736.7	828.4	962.1
0.0	20°	364.4	490.2	613.5	739.3	862.5	1185.0	1504.8	1827.3	2147.1	2490.5
0.0	22.5°	511.2	820.6	1129.9	1439.3	1748.6	2422.4	3093.5	3767.3	4438.4	5227.5
0.0	25°	741.9	1310.8	1879.7	2446.0	3014.9	4068.7	5125.3	6179.1	7233.0	8258.1
0.0	27.5°	1080.1	1950.5	2820.9	3688.6	4559.0	5987.8	7419.2	8847.9	10276.7	11435.5
0.0	30°	1496.9	2676.7	3856.4	5036.1	6215.8	7841.2	9466.6	11089.4	12714.8	13981.1
0.0	32.5°	1890.2	3334.7	4779.2	6221.1	7665.6	9516.5	11369.9	13220.8	15071.6	16455.9
0.0	35°	2147.1	3893.1	5641.7	7387.7	9133.7	11136.6	13139.5	15139.8	17142.7	18723.5
0.0	37.5°	2404.0	4420.0	6433.4	8449.5	10462.9	12662.4	14861.9	17061.4	19261.0	21214.1
0.0	40°	2692.4	5057.1	7419.2	9783.9	12145.9	14751.8	17355.1	19961.0	22564.2	25319.5
0.0	42.5°	3193.1	6113.6	9036.7	11957.2	14877.6	18325.1	21772.5	25217.3	28664.7	32597.1
0.0	45°	4134.3	8250.2	12368.8	16484.7	20600.6	25167.5	29736.9	34303.8	38870.6	44103.4
0.0	47.5°	6438.7	12101.4	17761.4	23424.1	29084.2	34015.4	38944.0	43875.3	48803.9	54015.7
0.0	50°	9852.0	16442.7	23033.5	29621.6	36212.3	40674.3	45133.7	49595.6	54055.0	59012.5
0.0	52.5°	12321.6	19187.6	26056.2	32922.2	39788.2	43815.0	47844.4	51871.2	55898.0	60530.4
0.0	55°	12507.7	19334.4	26163.7	32990.4	39817.0	43862.2	47907.3	51952.5	55997.6	60907.9
0.0	57.5°	11073.7	17845.3	24614.3	31385.9	38154.9	42761.1	47364.7	51970.8	56574.4	61883.1
0.0	60°	9419.5	16193.7	22965.3	29739.6	36511.2	41817.3	47126.1	52432.2	57738.4	62711.6
0.0	62.5°	7348.4	14316.6	21287.5	28255.7	35224.0	40611.4	45998.8	51383.6	56771.0	60501.6
0.0	65°	5476.5	12242.9	19009.3	25773.1	32539.4	36854.6	41169.8	45482.3	49797.5	52107.2
0.0	67.5°	3958.6	9794.3	15627.4	21463.1	27296.2	30384.5	33472.7	36558.4	39646.6	41413.6
	70°	2676.7	6719.2	10759.1	14801.6	18841.5	21379.2	23919.6	26457.3	28995.0	31380.7
	72.5°	1853.5	4123.8	6396.7	8667.0	10937.4	13490.8	16041.6	18595.1	21145.9	23670.5
	75°	1229.5	2262.5	3298.0	4330.9	5363.8	7254.0	9146.8	11037.0	12927.2	14432.0
	77.5°	873.0	1182.3	1494.3	1803.7	2113.0	2466.9	2823.5	3177.4	3531.3	4068.7
	80°	414.2	453.5	492.9	529.6	568.9	697.3	825.8	954.3	1082.7	1219.0
	82.5°	196.6	212.4	228.1	241.2	256.9	270.0	283.1	296.2	309.4	296.2
	85°	52.4	52.4	55.1	55.1	55.1	55.1	55.1	55.1	55.1	52.4
	87.5°	23.6	23.6	23.6	23.6	23.6	23.6	23.6	21.0	21.0	18.4
	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: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
152.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
188.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
212.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
243.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
301.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
456.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1093.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2836.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6016.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9283.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12594.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15249.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17842.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20304.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23169.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28074.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36529.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49336.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59227.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63969.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65162.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65820.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67191.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67682.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64234.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54419.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43183.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33763.7											
26195.1											
15936.8											
4606.2											
1355.4											
280.5											
49.8											
18.4											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1
0.0	2.5°	170.4	167.8	165.2	162.5	159.9	154.7	154.7	152.1	152.1
0.0	5°	186.1	183.5	180.9	178.3	178.3	175.6	173.0	173.0	170.4
0.0	7.5°	212.4	209.7	207.1	204.5	204.5	201.9	201.9	199.2	199.2
0.0	10°	243.8	243.8	243.8	243.8	243.8	241.2	241.2	241.2	238.6
0.0	12.5°	306.7	309.4	314.6	319.8	327.7	327.7	327.7	325.1	325.1
0.0	15°	485.0	513.8	534.8	555.8	574.1	616.1	610.8	603.0	597.7
0.0	17.5°	1226.9	1358.0	1428.8	1496.9	1567.7	1761.7	1730.3	1698.8	1670.0
0.0	20°	3180.0	3523.4	3751.5	3979.6	4210.3	4574.7	4485.6	4396.4	4307.3
0.0	22.5°	6803.1	7592.2	7935.6	8279.0	8619.9	9060.3	8774.5	8488.8	8205.6
0.0	25°	10305.6	11330.6	11910.0	12489.4	13066.1	13317.8	12945.5	12570.6	12198.4
0.0	27.5°	13753.0	14911.7	15422.9	15931.5	16442.7	16969.7	16508.3	16044.3	15582.9
0.0	30°	16516.2	17782.4	18335.6	18886.1	19439.2	19806.3	19329.1	18849.4	18372.3
0.0	32.5°	19226.9	20611.1	21216.7	21822.3	22425.3	22952.2	22365.0	21775.1	21187.9
0.0	35°	21882.6	23463.4	24297.1	25130.8	25964.4	26454.7	25757.3	25057.4	24360.0
0.0	37.5°	25122.9	27076.0	28009.3	28942.6	29875.9	30769.9	30001.7	29231.0	28462.8
0.0	40°	30830.2	33585.5	35016.9	36450.9	37882.3	39035.8	38065.8	37095.8	36125.8
0.0	42.5°	40462.0	44394.4	46452.3	48507.7	50565.6	52366.7	51346.9	50327.1	49307.3
0.0	45°	54568.8	59801.6	62310.5	64816.7	67325.6	68641.7	67173.6	65702.8	64234.7
0.0	47.5°	64436.6	69648.4	71882.0	74115.6	76349.2	77851.4	76055.6	74259.8	72466.6
0.0	50°	68924.8	73882.3	76123.7	78362.6	80604.1	81796.9	79723.2	77646.9	75573.2
0.0	52.5°	69792.5	74424.9	77099.0	79775.6	82449.7	84043.6	81595.0	79143.8	76695.2
0.0	55°	70731.1	75641.4	78742.7	81846.7	84948.1	87155.5	84387.1	81616.0	78847.6
0.0	57.5°	72498.0	77806.8	80900.3	83991.2	87084.7	88959.1	86182.9	83404.0	80627.7
0.0	60°	72655.3	77625.9	80284.2	82945.2	85603.5	86783.2	84127.5	81469.2	78813.5
0.0	62.5°	67965.3	71695.8	73541.4	75387.1	77232.7	78514.6	75743.6	72969.9	70198.9
0.0	65°	56729.1	59038.7	60509.4	61980.1	63450.9	64979.3	62441.5	59903.8	57366.1
0.0	67.5°	44950.2	46717.1	48654.5	50591.9	52529.2	54162.5	52130.7	50096.4	48064.6
	70°	36149.4	38532.4	40711.0	42889.6	45068.1	46405.1	44365.5	42323.3	40283.7
	72.5°	28719.8	31244.4	33063.8	34880.5	36699.9	37027.6	35528.1	34028.5	32531.6
	75°	17439.0	18943.8	18980.5	19014.5	19051.3	19363.2	18120.6	16877.9	15637.9
	77.5°	5143.6	5681.0	6124.1	6564.5	7007.6	7542.4	7086.2	6627.4	6171.3
	80°	1489.1	1625.4	1740.8	1853.5	1968.8	1900.7	1793.2	1685.7	1578.2
	82.5°	267.4	251.7	249.1	246.4	246.4	233.3	212.4	191.4	170.4
	85°	47.2	44.6	41.9	39.3	36.7	34.1	28.8	26.2	21.0
	87.5°	15.7	13.1	10.5	7.9	7.9	2.6	2.6	2.6	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: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049019

CATALOG NUMBER: GALN-SA7C-735-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°	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1	152.1
0.0	0.0	2.5°	149.4	146.8	146.8	146.8	146.8	144.2	144.2	144.2	144.2
0.0	0.0	5°	165.2	165.2	162.5	162.5	159.9	159.9	157.3	157.3	154.7
0.0	0.0	7.5°	194.0	191.4	188.8	186.1	183.5	178.3	175.6	173.0	173.0
0.0	0.0	10°	233.3	228.1	225.5	220.2	217.6	212.4	207.1	201.9	196.6
0.0	0.0	12.5°	306.7	296.2	288.4	277.9	267.4	259.5	249.1	241.2	230.7
0.0	0.0	15°	532.2	506.0	477.1	443.1	406.3	372.3	335.6	314.6	291.0
0.0	0.0	17.5°	1360.6	1224.3	1085.3	972.6	859.9	749.8	637.1	555.8	474.5
0.0	0.0	20°	3463.1	3085.6	2708.1	2335.9	1961.0	1588.7	1213.8	1025.1	836.3
0.0	0.0	22.5°	6517.3	5817.4	5114.8	4435.8	3754.1	3075.2	2396.2	1968.8	1544.1
0.0	0.0	25°	10059.1	9178.3	8297.4	7180.6	6061.2	4944.4	3827.6	3132.8	2438.1
0.0	0.0	27.5°	13089.7	12075.1	11060.6	9702.6	8344.6	6986.6	5628.6	4593.1	3560.1
0.0	0.0	30°	15713.9	14623.3	13532.8	11951.9	10371.1	8790.3	7209.4	5914.4	4619.3
0.0	0.0	32.5°	17989.5	16683.9	15378.4	13747.7	12117.1	10486.4	8855.8	7267.1	5678.4
0.0	0.0	35°	20613.7	19090.6	17564.8	15755.9	13944.4	12135.4	10326.5	8533.3	6737.5
0.0	0.0	37.5°	23948.4	22079.2	20207.4	18191.4	16175.3	14161.9	12145.9	10095.8	8045.7
0.0	0.0	40°	30332.0	27920.2	25508.3	22947.0	20383.0	17821.7	15260.4	12743.7	10226.9
0.0	0.0	42.5°	41770.1	38511.5	35252.8	31844.7	28434.0	25025.9	21615.2	18065.5	14513.2
0.0	0.0	45°	54679.0	50636.4	46591.3	42766.3	38938.8	35113.9	31288.9	26418.0	21547.0
0.0	0.0	47.5°	61938.2	57573.2	53208.2	49587.8	45967.3	42346.9	38726.4	33475.4	28224.3
0.0	0.0	50°	64609.6	60166.0	55722.4	52390.3	49055.6	45723.5	42388.8	37129.9	31868.3
0.0	0.0	52.5°	65178.5	60645.7	56113.0	52759.9	49406.9	46056.5	42703.4	37478.6	32253.7
0.0	0.0	55°	66347.7	61484.7	56618.9	52796.6	48974.3	45152.0	41329.7	36020.9	30712.2
0.0	0.0	57.5°	67876.1	62889.8	57903.5	53549.0	49194.5	44842.7	40488.2	34683.9	28879.7
0.0	0.0	60°	67475.0	63136.3	58794.9	54131.0	49464.6	44800.7	40134.3	33750.6	27364.4
0.0	0.0	62.5°	60512.0	57056.8	53598.8	49763.4	45925.4	42090.0	38254.6	31682.2	25109.8
0.0	0.0	65°	49781.8	47259.8	44737.8	41652.2	38563.9	35478.3	32392.6	26499.2	20608.5
0.0	0.0	67.5°	40346.6	37504.8	34660.3	32201.3	29739.6	27280.5	24818.8	20181.2	15543.5
		70°	32054.4	28963.6	25870.1	23468.7	21064.6	18663.3	16261.9	13178.8	10098.4
		72.5°	25455.8	22669.1	19882.3	17321.0	14757.1	12195.7	9631.8	7809.8	5987.8
		75°	12166.9	11052.7	9938.5	8598.9	7259.2	5919.6	4580.0	3785.6	2993.9
		77.5°	4509.2	3908.8	3305.9	2760.6	2215.3	1672.6	1127.3	1032.9	938.5
		80°	1166.6	1017.2	865.1	757.6	647.5	540.1	432.6	390.6	351.3
		82.5°	133.7	123.2	115.4	110.1	102.2	97.0	89.1	81.3	73.4
		85°	7.9	5.2	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: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049019

CATALOG NUMBER: GALN-SA7C-735-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	152.1	152.1
0.0	0.0	2.5°	141.6	138.9
0.0	0.0	5°	149.4	146.8
0.0	0.0	7.5°	165.2	159.9
0.0	0.0	10°	180.9	175.6
0.0	0.0	12.5°	204.5	196.6
0.0	0.0	15°	230.7	215.0
0.0	0.0	17.5°	275.3	241.2
0.0	0.0	20°	372.3	285.8
0.0	0.0	22.5°	524.3	356.5
0.0	0.0	25°	770.8	492.9
0.0	0.0	27.5°	1072.2	655.4
0.0	0.0	30°	1426.2	820.6
0.0	0.0	32.5°	1738.1	977.9
0.0	0.0	35°	2144.5	1137.8
0.0	0.0	37.5°	2645.2	1342.3
0.0	0.0	40°	3421.2	1651.6
0.0	0.0	42.5°	4818.5	2223.1
0.0	0.0	45°	7825.5	3843.3
0.0	0.0	47.5°	12041.1	6357.4
0.0	0.0	50°	14730.8	8113.9
0.0	0.0	52.5°	14951.1	8100.8
0.0	0.0	55°	13648.1	7201.6
0.0	0.0	57.5°	11645.2	6019.2
0.0	0.0	60°	9679.0	4760.8
0.0	0.0	62.5°	7626.3	3287.5
0.0	0.0	65°	5573.5	2325.4
0.0	0.0	67.5°	4003.2	1738.1
		70°	2632.1	1331.8
		72.5°	1714.5	1085.3
		75°	1153.5	899.2
		77.5°	673.8	597.7
		80°	238.6	209.7
		82.5°	44.6	31.5
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049019

CATALOG NUMBER: GALN-SA7C-735-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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

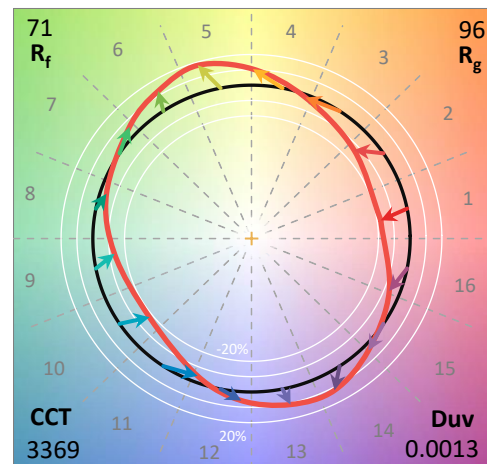
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3369
 CIE u' : 0.2386
 CIE v' : 0.5156
 Duv: 0.0013
 CIE x: 0.4143
 CIE y: 0.3980
 CIE z: 0.1877
 Peak Wavelength (nm): 590
 Dominant Wavelength (nm): 580
 Purity: 43.80166
 R_f: 71.4
 R_g: 96

CRI (Ra): 70.1
 R1: 66.6
 R2: 77.6
 R3: 88.5
 R4: 69.5
 R5: 66.4
 R6: 69.6
 R7: 77.5
 R8: 44.9
 R9: -40.2
 R10: 49.1
 R11: 66.3
 R12: 45.7
 R13: 68.0
 R14: 93.4
 R15: 57.6



Test Conditions

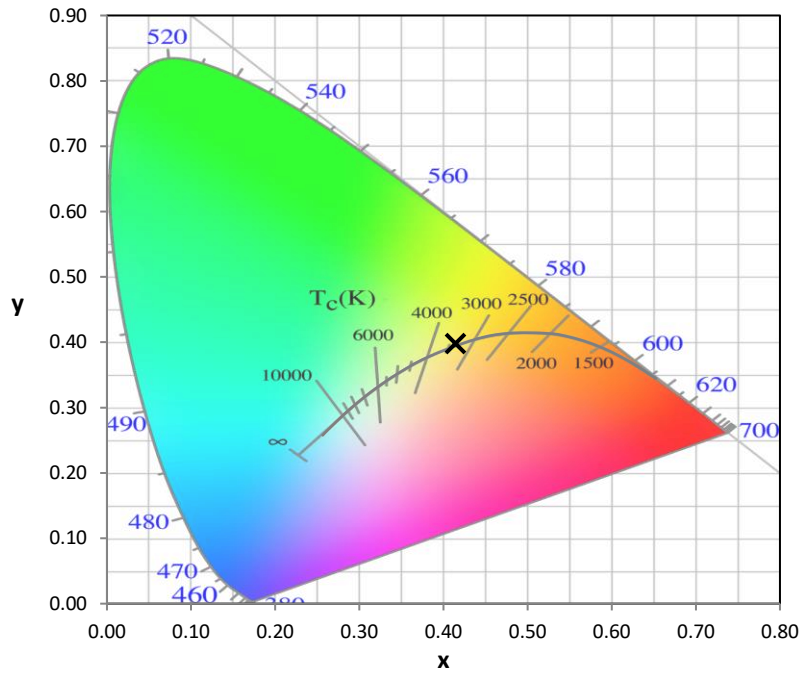
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

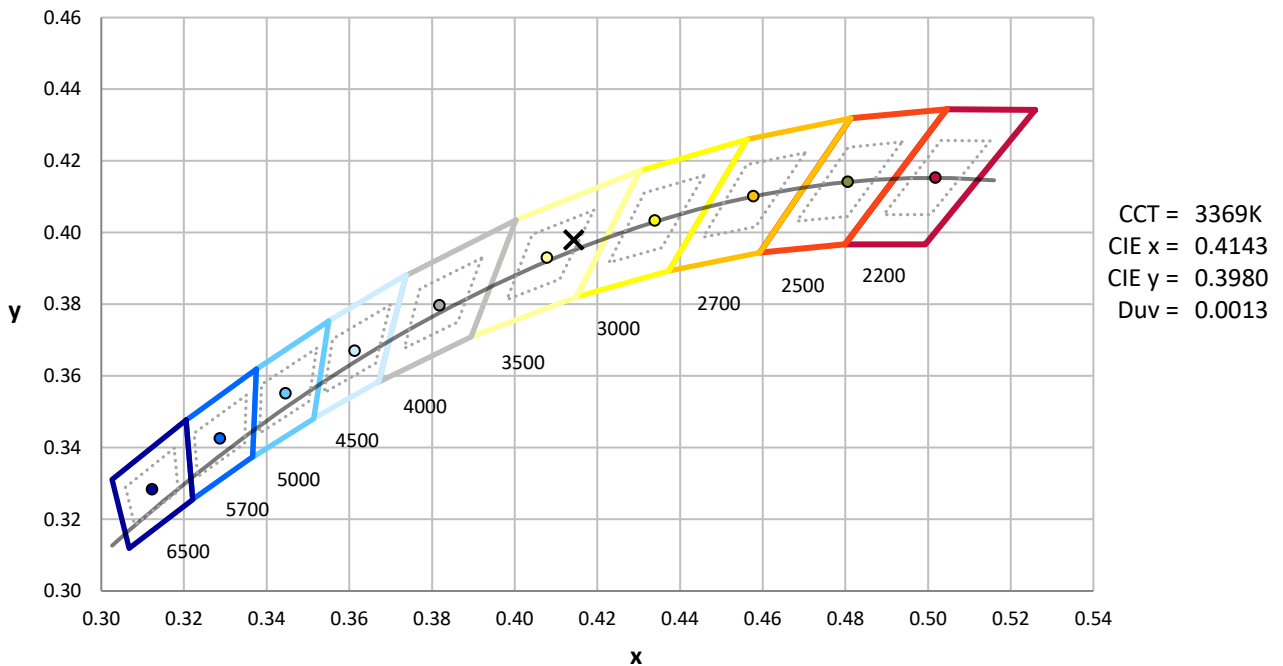
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-5

CIE 1931 Chromaticity Diagram



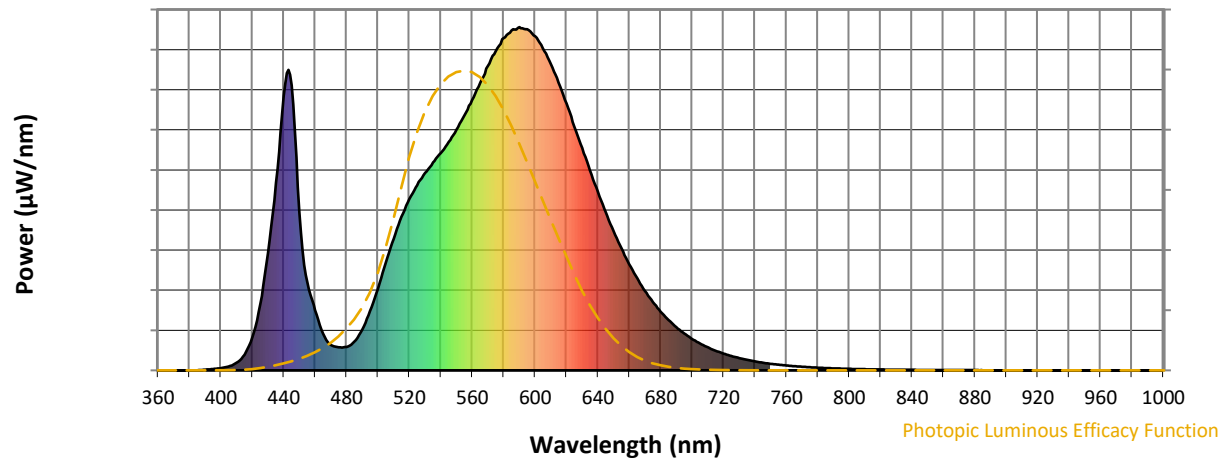
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

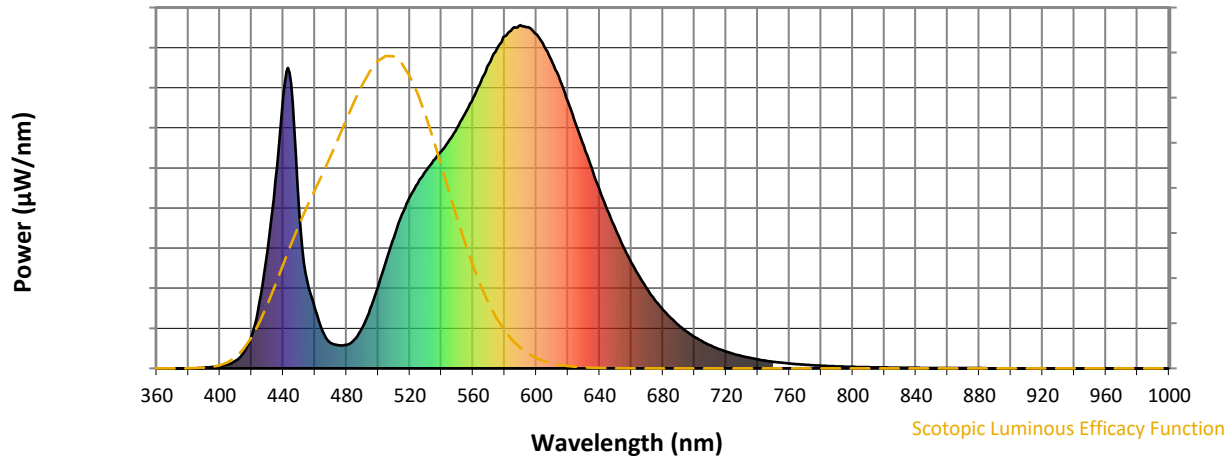


Photopic Lumens: NR

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength



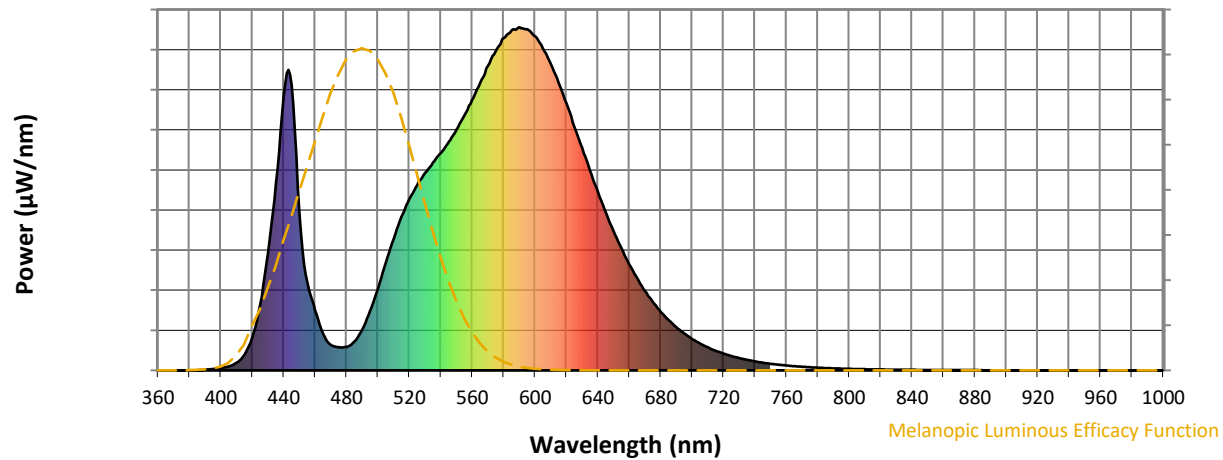
Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

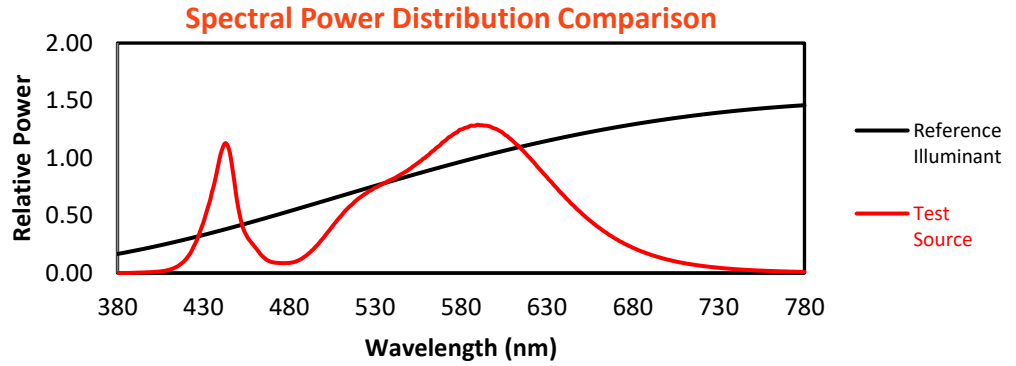
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

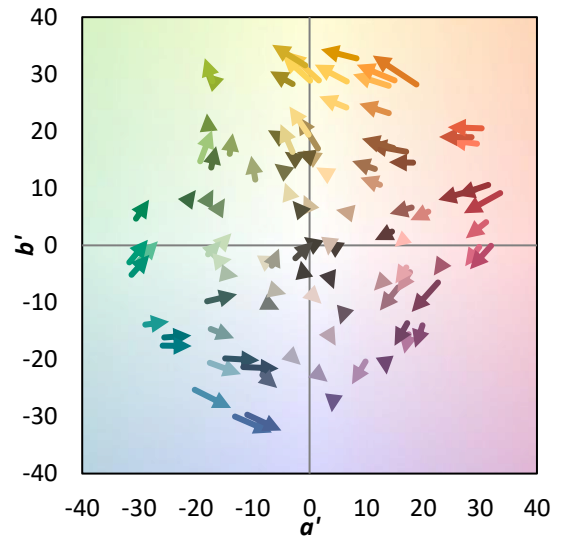
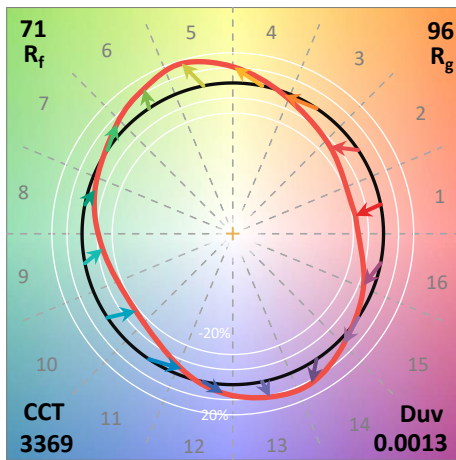
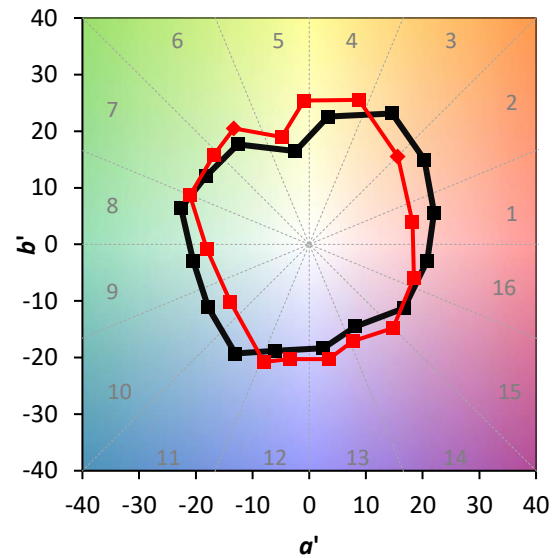
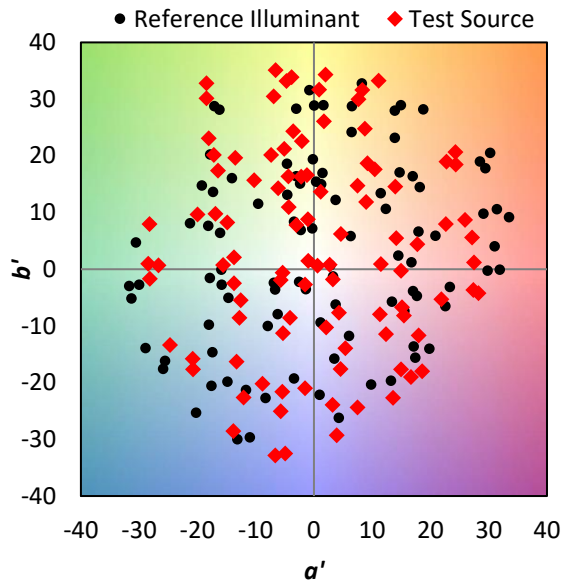
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 CIE $R_a = 70.1$
 $R_g = -40.2$

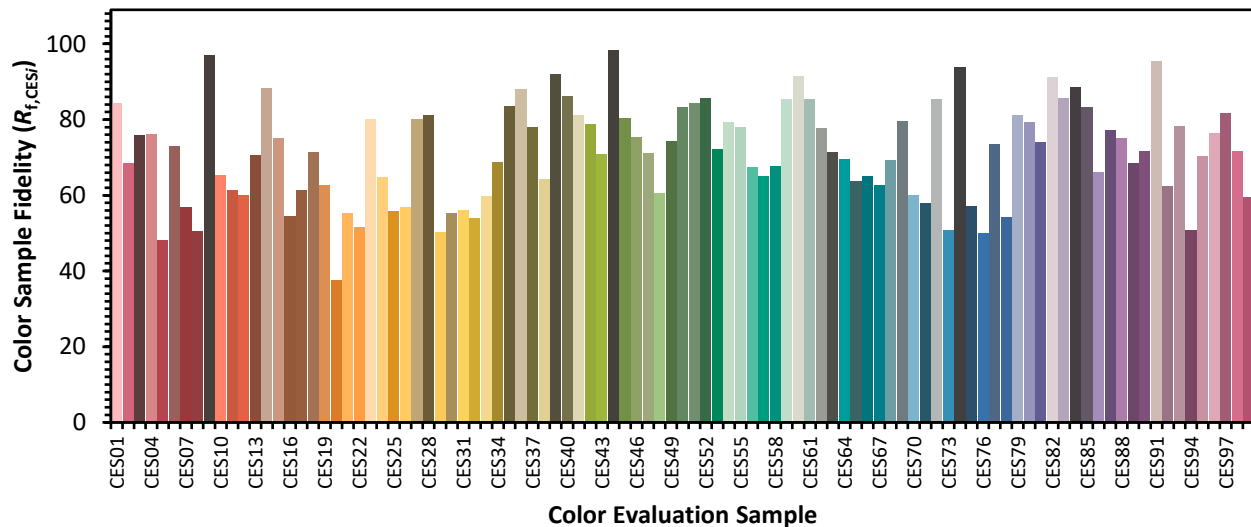


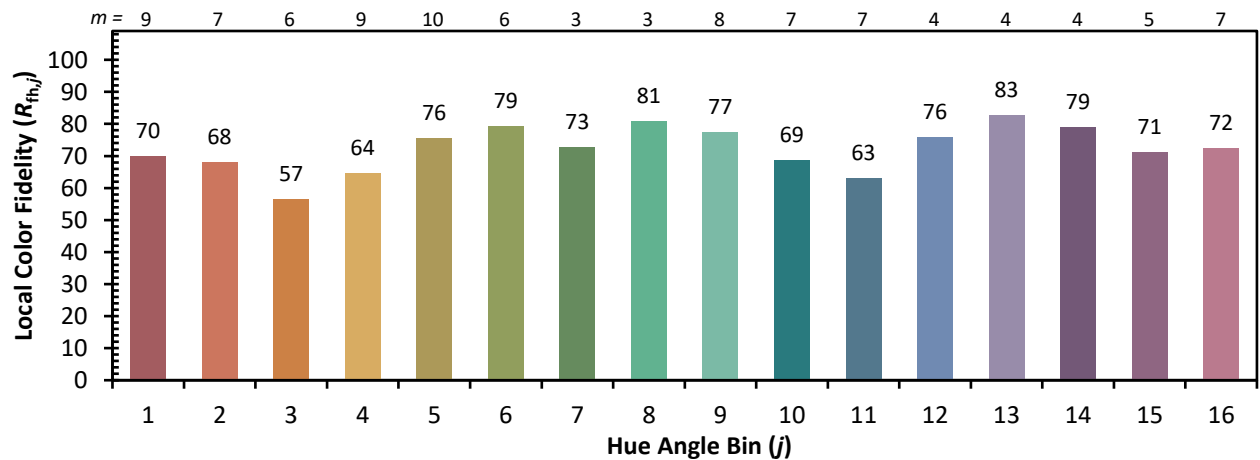
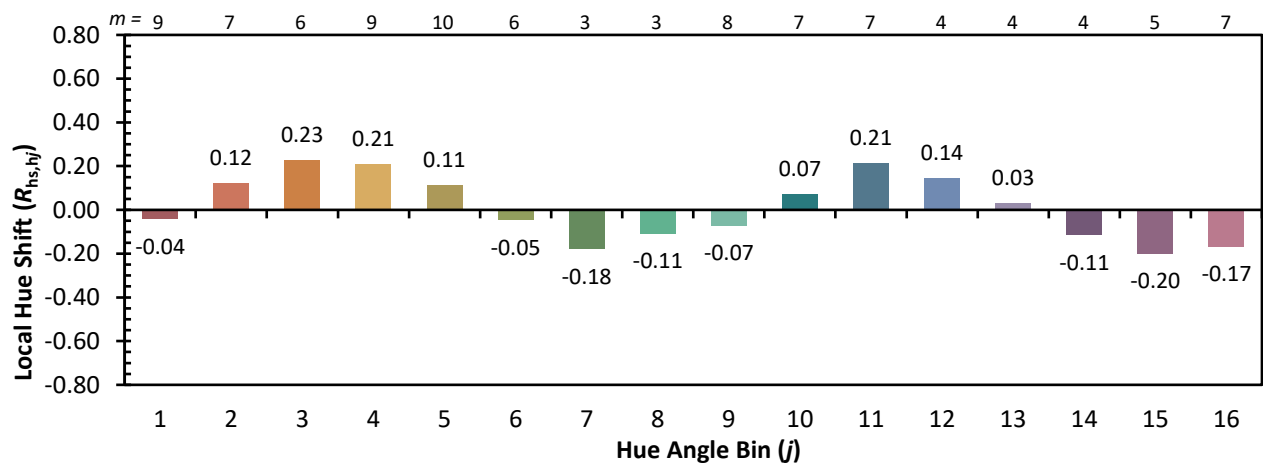
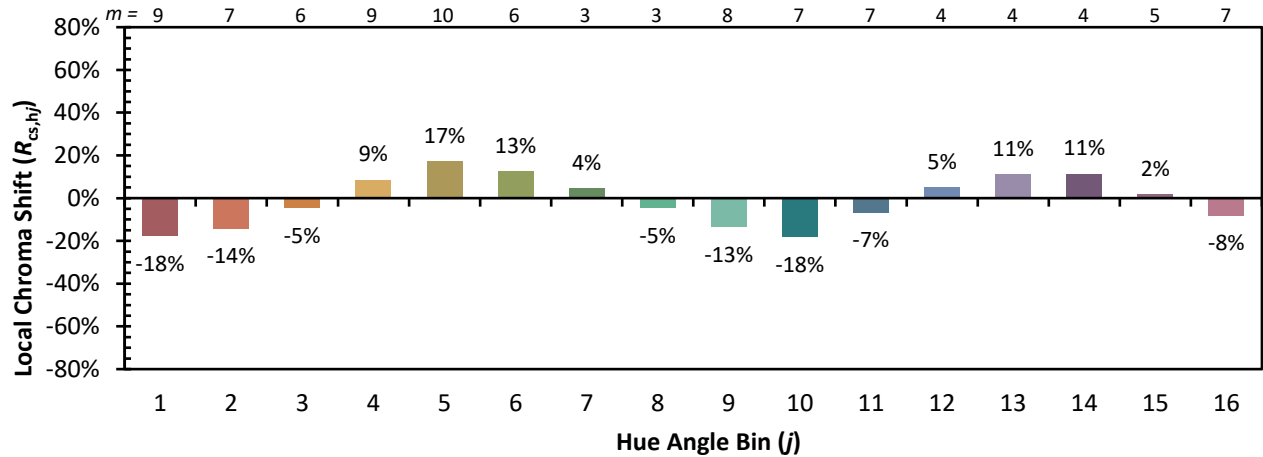
Color Vector Graphics



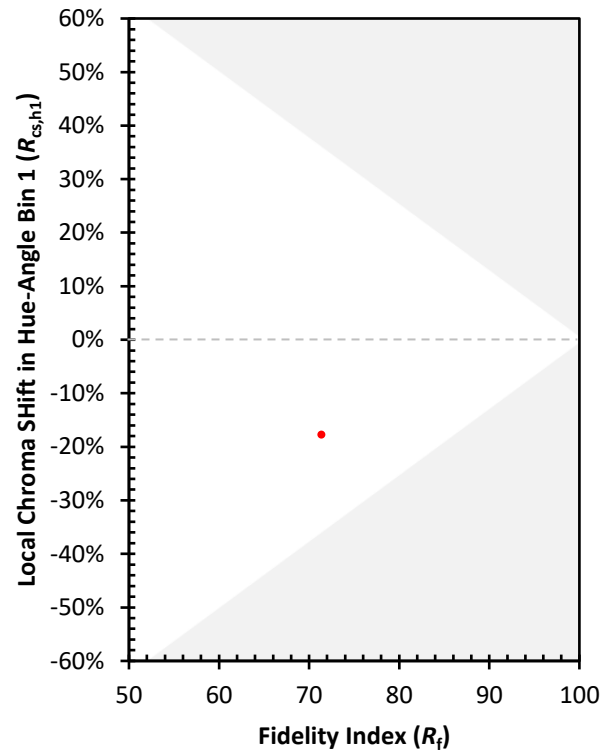
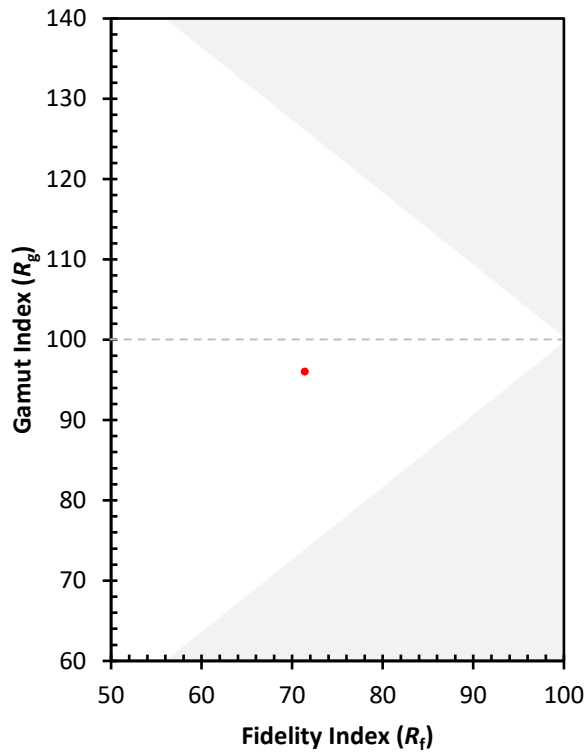
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)