

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: P1048989

Luminaire Tested: **GALN-SA9A-730-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1048989
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9A-730-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE
70CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (126) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 28513.3 lumens
Efficiency: N/A
Efficacy: 116.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

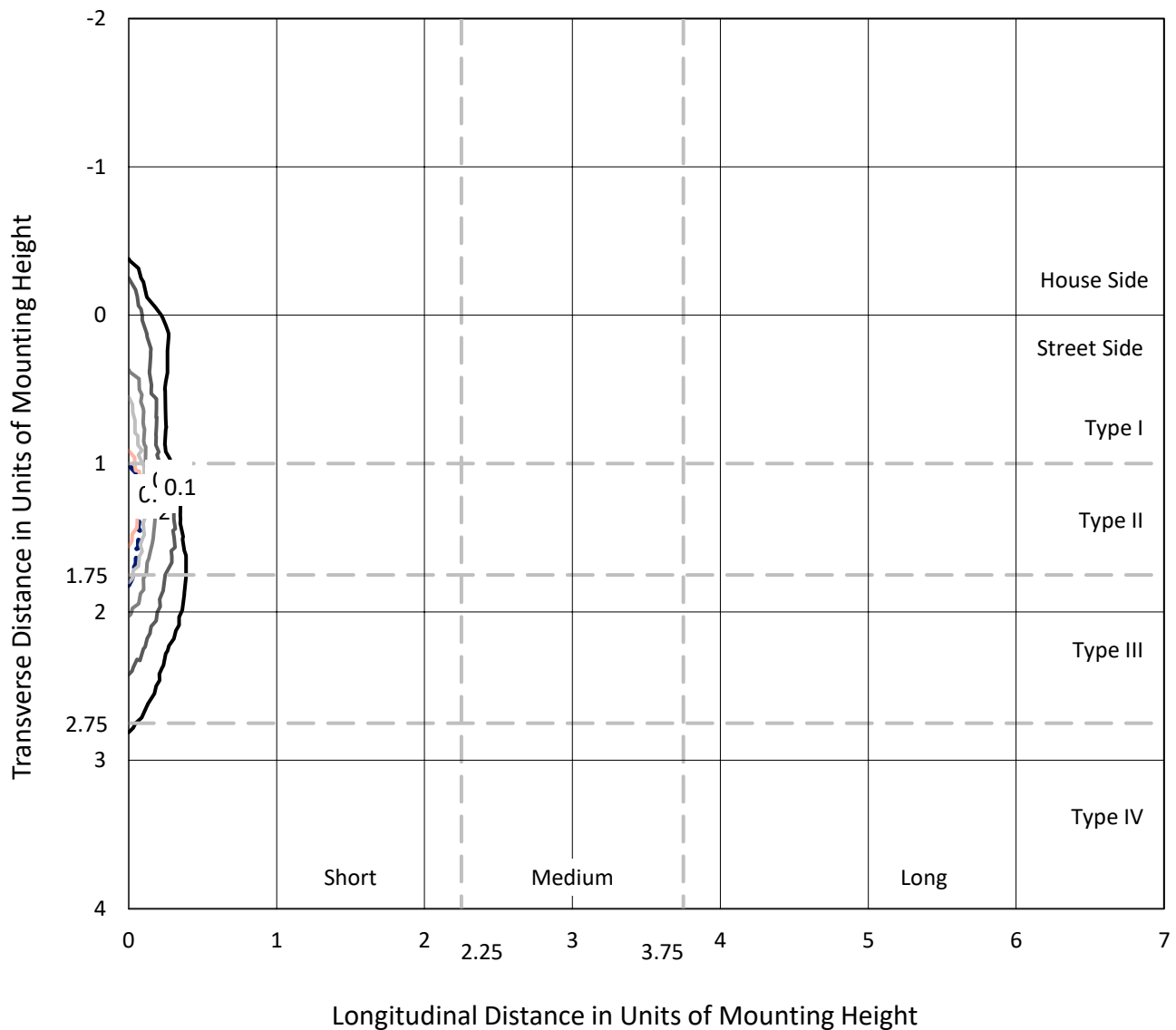
Input Watts (W): 244.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1048989

CATALOG NUMBER: GALN-SA9A-730-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

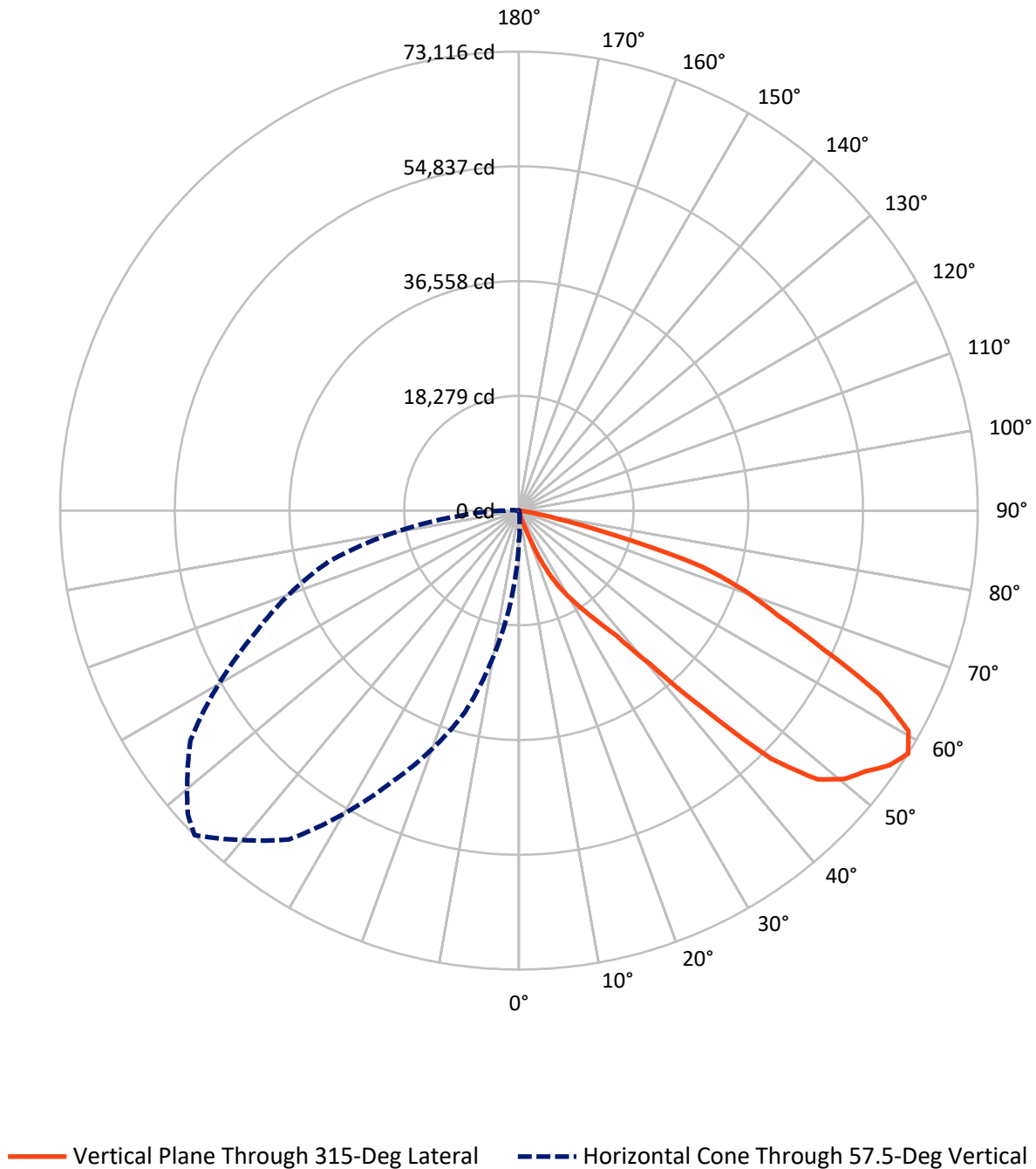
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.2 fc
 Type III - Short - N/A

REPORT NUMBER: P1048989
CATALOG NUMBER: GALN-SA9A-730-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048989

CATALOG NUMBER: GALN-SA9A-730-U-RBC

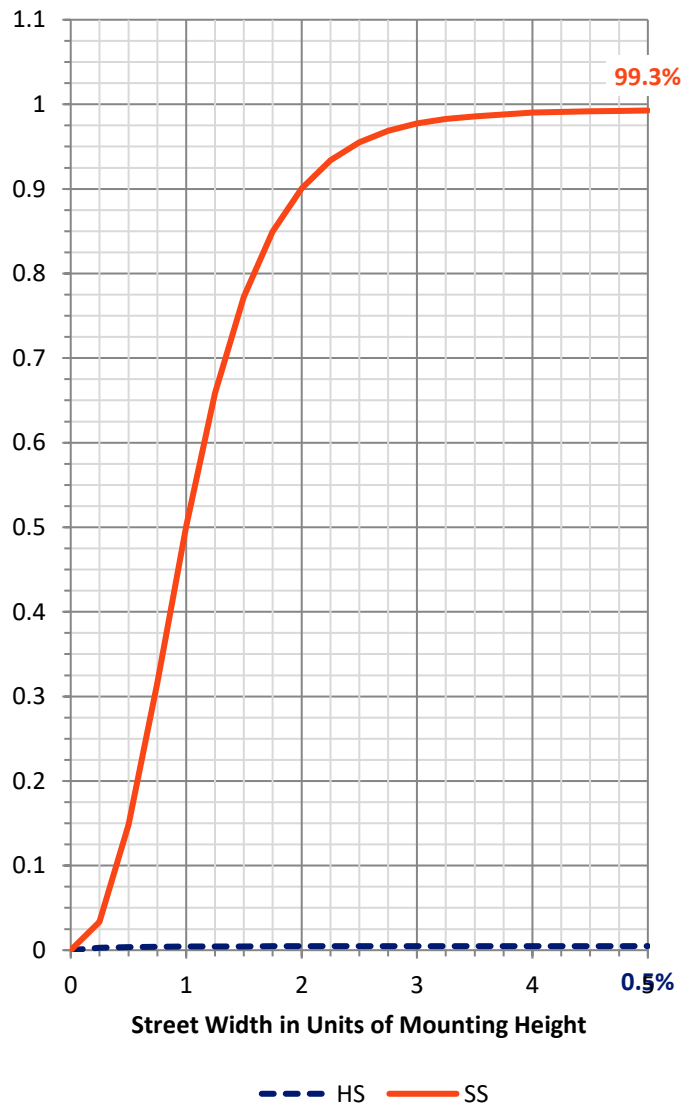
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	142.8	0.0	142.8
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	28370.5	0.0	28370.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	28513.3	0.0	28513.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.2	0.0
10°-20°	62.6	0.2
20°-30°	675.7	2.4
30°-40°	1998.2	7.0
40°-50°	5955.3	20.9
50°-60°	9442.9	33.1
60°-70°	7882.6	27.6
70°-80°	2430.7	8.5
80°-90°	54.1	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	28513.3	100.0
0°-180°	28513.3	100.0



REPORT NUMBER: P1048989

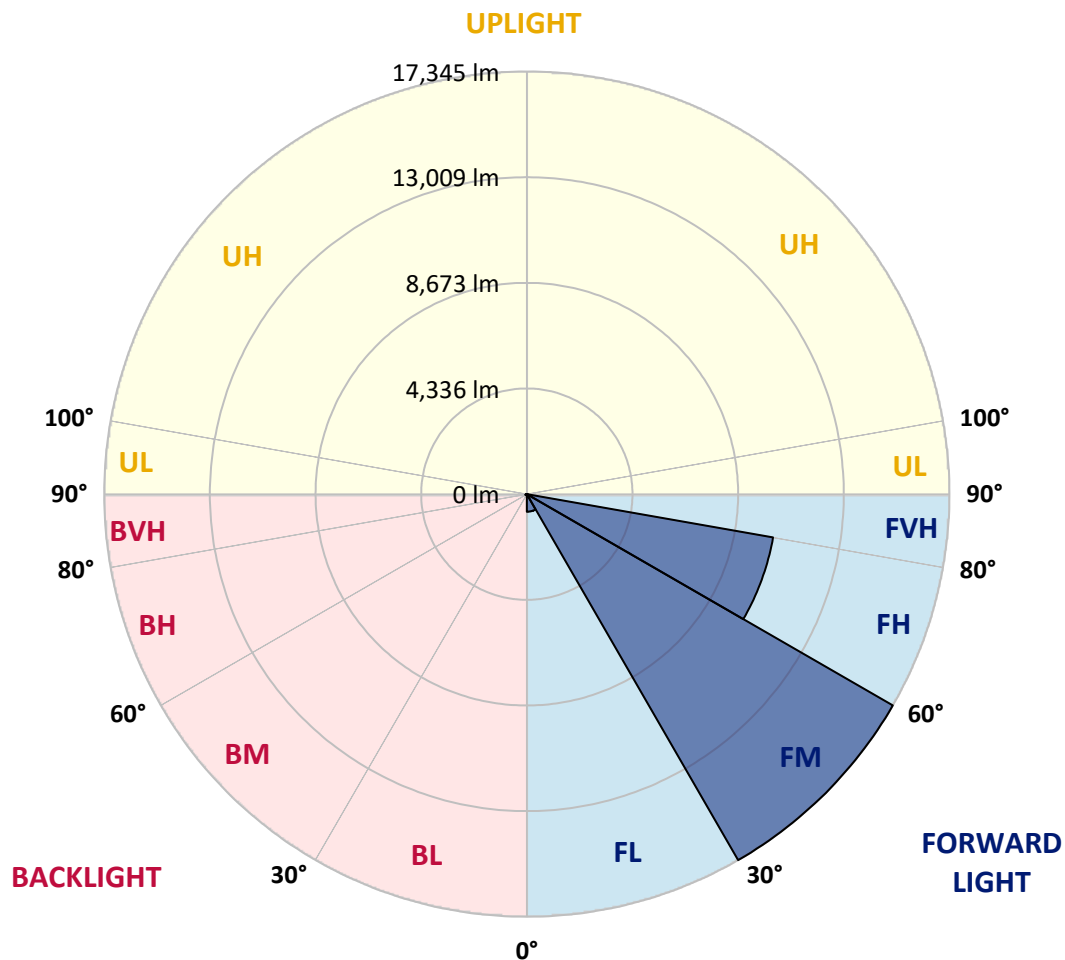
CATALOG NUMBER: GALN-SA9A-730-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	723.3	2.5			
FM	(30°-60°)	17345.4	60.8			
FH	(60°-80°)	10260.0	36.0			G4/12000
FVH	(80°-90°)	41.8	0.1			G1/100
BL	(0°-30°)	26.2	0.1	B0/110		
BM	(30°-60°)	51.0	0.2	B0/220		
BH	(60°-80°)	53.3	0.2	B0/110		G0/110
BVH	(80°-90°)	12.3	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

Type III Short



REPORT NUMBER: P1048989

CATALOG NUMBER: GALN-SA9A-730-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
2.5°	114.2	114.2	114.2	114.2	112.0	112.0	109.9	109.9	107.7	107.7
5°	120.7	120.7	118.5	116.4	116.4	114.2	112.0	109.9	109.9	107.7
7.5°	131.4	129.3	127.1	125.0	120.7	118.5	114.2	112.0	109.9	105.6
10°	144.4	140.1	135.7	131.4	127.1	122.8	118.5	116.4	112.0	109.9
12.5°	161.6	155.1	146.5	140.1	135.7	129.3	125.0	120.7	114.2	109.9
15°	176.7	168.1	157.3	148.7	142.2	133.6	127.1	120.7	116.4	109.9
17.5°	198.2	183.2	165.9	155.1	146.5	135.7	125.0	118.5	112.0	103.4
20°	234.9	204.7	172.4	159.4	146.5	133.6	120.7	112.0	105.6	97.0
22.5°	293.0	241.3	189.6	170.2	153.0	133.6	116.4	107.7	99.1	90.5
25°	405.1	312.4	219.8	193.9	168.1	142.2	116.4	105.6	97.0	86.2
27.5°	538.7	400.8	260.7	224.1	189.6	153.0	116.4	103.4	92.7	79.7
30°	674.4	491.3	306.0	258.6	211.2	163.8	116.4	101.3	88.3	73.3
32.5°	803.7	575.3	344.8	288.7	232.7	174.5	118.5	101.3	84.0	66.8
35°	935.1	644.3	351.2	293.0	234.9	174.5	116.4	97.0	79.7	60.3
37.5°	1103.2	721.8	338.3	280.1	224.1	165.9	109.9	92.7	75.4	56.0
40°	1357.5	851.1	344.8	284.4	224.1	163.8	103.4	86.2	71.1	53.9
42.5°	1827.2	1101.1	372.8	303.8	234.9	163.8	94.8	79.7	66.8	51.7
45°	3158.8	1829.4	499.9	396.5	293.0	189.6	86.2	73.3	62.5	49.6
47.5°	5225.2	3061.9	898.5	693.8	491.3	286.6	84.0	73.3	62.5	49.6
50°	6668.9	3900.0	1131.2	870.5	609.8	349.1	88.3	75.4	64.6	51.7
52.5°	6658.1	3960.4	1260.5	967.5	676.6	383.5	92.7	79.7	69.0	56.0
55°	5919.0	3602.7	1284.2	986.9	691.7	394.3	99.1	86.2	73.3	60.3
57.5°	4947.2	3059.7	1172.2	907.1	644.3	379.2	114.2	99.1	86.2	71.1
60°	3913.0	2413.3	913.6	721.8	532.2	340.4	150.8	131.4	114.2	94.8
62.5°	2702.0	1749.6	797.2	640.0	484.8	327.5	172.4	153.0	135.7	116.4
65°	1911.2	1316.5	719.7	586.1	454.6	321.1	187.5	165.9	146.5	125.0
67.5°	1428.6	1047.2	663.7	549.5	435.3	321.1	206.9	181.0	157.3	131.4
70°	1094.6	859.7	622.7	530.1	439.6	346.9	254.3	217.6	183.2	146.5
72.5°	892.1	734.8	575.3	508.5	441.7	374.9	308.1	260.7	213.3	163.8
75°	739.1	629.2	519.3	463.3	409.4	353.4	297.4	254.3	213.3	170.2
77.5°	491.3	448.2	402.9	370.6	338.3	303.8	271.5	234.9	200.4	163.8
80°	172.4	165.9	159.4	172.4	185.3	198.2	211.2	185.3	161.6	135.7
82.5°	25.9	23.7	21.5	23.7	25.9	28.0	30.2	32.3	34.5	36.6
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

CATALOG NUMBER: GALN-SA9A-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1048989

CATALOG NUMBER: GALN-SA9A-730-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
0.0	2.5°	105.6	105.6	103.4	103.4	103.4	101.3	101.3	99.1	99.1	99.1
0.0	5°	103.4	103.4	101.3	99.1	97.0	97.0	94.8	92.7	92.7	90.5
0.0	7.5°	101.3	99.1	97.0	94.8	92.7	90.5	88.3	86.2	86.2	84.0
0.0	10°	103.4	99.1	97.0	92.7	90.5	88.3	84.0	81.9	79.7	79.7
0.0	12.5°	99.1	97.0	92.7	88.3	86.2	81.9	79.7	75.4	73.3	73.3
0.0	15°	99.1	94.8	88.3	84.0	79.7	77.6	73.3	69.0	66.8	64.6
0.0	17.5°	92.7	88.3	81.9	77.6	73.3	69.0	64.6	60.3	58.2	56.0
0.0	20°	84.0	79.7	73.3	66.8	62.5	58.2	53.9	49.6	47.4	45.2
0.0	22.5°	75.4	71.1	64.6	58.2	53.9	49.6	43.1	38.8	36.6	32.3
0.0	25°	71.1	64.6	58.2	51.7	45.2	40.9	34.5	28.0	23.7	19.4
0.0	27.5°	60.3	53.9	47.4	40.9	34.5	28.0	21.5	15.1	10.8	8.6
0.0	30°	51.7	45.2	38.8	32.3	23.7	17.2	10.8	2.2	2.2	2.2
0.0	32.5°	43.1	36.6	28.0	21.5	17.2	10.8	6.5	0.0	0.0	0.0
0.0	35°	34.5	28.0	19.4	12.9	10.8	6.5	4.3	0.0	0.0	0.0
0.0	37.5°	30.2	23.7	15.1	6.5	4.3	4.3	2.2	0.0	0.0	0.0
0.0	40°	28.0	19.4	10.8	2.2	2.2	2.2	0.0	0.0	0.0	0.0
0.0	42.5°	28.0	19.4	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	28.0	19.4	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	28.0	19.4	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	30.2	21.5	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	34.5	25.9	17.2	8.6	6.5	4.3	2.2	0.0	0.0	0.0
0.0	55°	43.1	38.8	32.3	28.0	21.5	15.1	6.5	0.0	0.0	0.0
0.0	57.5°	56.0	56.0	53.9	51.7	38.8	25.9	12.9	0.0	0.0	0.0
0.0	60°	75.4	75.4	75.4	75.4	56.0	38.8	19.4	0.0	0.0	0.0
0.0	62.5°	92.7	88.3	81.9	77.6	58.2	38.8	19.4	0.0	0.0	0.0
0.0	65°	92.7	84.0	73.3	62.5	47.4	32.3	15.1	0.0	0.0	0.0
0.0	67.5°	86.2	69.0	49.6	32.3	23.7	17.2	8.6	0.0	0.0	0.0
	70°	86.2	60.3	34.5	8.6	6.5	4.3	2.2	0.0	0.0	0.0
	72.5°	86.2	58.2	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	94.8	64.6	32.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	94.8	64.6	32.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	84.0	56.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	28.0	19.4	8.6	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: P1048989

CATALOG NUMBER: GALN-SA9A-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048989

CATALOG NUMBER: GALN-SA9A-730-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°	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
0.0	2.5°	97.0	97.0	97.0	94.8	94.8	94.8	94.8	92.7	92.7	92.7
0.0	5°	88.3	88.3	86.2	86.2	84.0	84.0	81.9	81.9	79.7	79.7
0.0	7.5°	81.9	79.7	79.7	77.6	75.4	75.4	73.3	73.3	71.1	69.0
0.0	10°	75.4	73.3	73.3	71.1	69.0	66.8	66.8	64.6	62.5	60.3
0.0	12.5°	69.0	66.8	64.6	62.5	60.3	58.2	58.2	56.0	53.9	51.7
0.0	15°	60.3	58.2	56.0	53.9	51.7	49.6	49.6	47.4	45.2	43.1
0.0	17.5°	51.7	49.6	49.6	47.4	45.2	43.1	40.9	36.6	34.5	32.3
0.0	20°	38.8	36.6	34.5	32.3	30.2	25.9	23.7	19.4	15.1	12.9
0.0	22.5°	25.9	21.5	19.4	15.1	10.8	8.6	6.5	2.2	0.0	0.0
0.0	25°	8.6	6.5	4.3	2.2	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-SA9A-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048989

CATALOG NUMBER: GALN-SA9A-730-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
0.0	2.5°	90.5	90.5	90.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3
0.0	5°	77.6	77.6	77.6	75.4	75.4	73.3	73.3	73.3	71.1	71.1
0.0	7.5°	66.8	64.6	64.6	62.5	62.5	60.3	60.3	60.3	58.2	58.2
0.0	10°	56.0	53.9	53.9	51.7	51.7	49.6	49.6	47.4	47.4	45.2
0.0	12.5°	49.6	47.4	45.2	43.1	43.1	40.9	38.8	38.8	36.6	34.5
0.0	15°	38.8	36.6	34.5	32.3	30.2	28.0	25.9	25.9	23.7	21.5
0.0	17.5°	25.9	21.5	19.4	17.2	17.2	15.1	12.9	10.8	8.6	6.5
0.0	20°	6.5	4.3	2.2	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: P1048989

CATALOG NUMBER: GALN-SA9A-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048989

CATALOG NUMBER: GALN-SA9A-730-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°	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
0.0	2.5°	88.3	86.2	86.2	86.2	88.3	88.3	88.3	88.3	88.3	88.3
0.0	5°	71.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
0.0	7.5°	58.2	56.0	56.0	56.0	56.0	53.9	53.9	53.9	53.9	53.9
0.0	10°	45.2	43.1	43.1	43.1	43.1	40.9	40.9	40.9	40.9	40.9
0.0	12.5°	32.3	32.3	30.2	30.2	30.2	28.0	28.0	28.0	28.0	25.9
0.0	15°	19.4	17.2	15.1	15.1	15.1	12.9	12.9	12.9	12.9	10.8
0.0	17.5°	4.3	4.3	2.2	2.2	2.2	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-SA9A-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1048989

CATALOG NUMBER: GALN-SA9A-730-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
0.0	2.5°	90.5	90.5	92.7	92.7	94.8	99.1	101.3	103.4	107.7	112.0
0.0	5°	71.1	73.3	73.3	75.4	77.6	79.7	81.9	84.0	88.3	92.7
0.0	7.5°	56.0	56.0	58.2	58.2	60.3	64.6	66.8	69.0	73.3	79.7
0.0	10°	43.1	43.1	45.2	45.2	47.4	51.7	53.9	56.0	60.3	66.8
0.0	12.5°	28.0	30.2	30.2	32.3	34.5	38.8	40.9	43.1	47.4	51.7
0.0	15°	12.9	15.1	15.1	17.2	19.4	23.7	25.9	28.0	32.3	38.8
0.0	17.5°	2.2	2.2	4.3	4.3	6.5	8.6	10.8	12.9	19.4	23.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	8.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
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-SA9A-730-U-RBC

[illegible]

REPORT NUMBER: P1048989

CATALOG NUMBER: GALN-SA9A-730-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°	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
0.0	2.5°	118.5	122.8	127.1	131.4	135.7	140.1	142.2	146.5	148.7	150.8
0.0	5°	101.3	105.6	112.0	116.4	120.7	125.0	129.3	131.4	133.6	135.7
0.0	7.5°	88.3	92.7	99.1	103.4	107.7	112.0	116.4	120.7	122.8	125.0
0.0	10°	75.4	81.9	86.2	92.7	97.0	101.3	105.6	109.9	114.2	116.4
0.0	12.5°	60.3	66.8	73.3	77.6	84.0	90.5	94.8	99.1	103.4	107.7
0.0	15°	47.4	53.9	60.3	64.6	71.1	77.6	84.0	88.3	92.7	97.0
0.0	17.5°	34.5	40.9	47.4	51.7	58.2	64.6	69.0	75.4	79.7	84.0
0.0	20°	17.2	23.7	30.2	36.6	43.1	49.6	53.9	60.3	64.6	69.0
0.0	22.5°	2.2	8.6	15.1	19.4	25.9	32.3	36.6	43.1	47.4	51.7
0.0	25°	0.0	2.2	6.5	8.6	10.8	15.1	19.4	23.7	28.0	32.3
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.2	4.3	8.6	12.9	17.2
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
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	2.2
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2	4.3
	85°	0.0	0.0	0.0	0.0	0.0	4.3	6.5	10.8	12.9	15.1
	87.5°	0.0	2.2	4.3	6.5	8.6	12.9	17.2	21.5	23.7	25.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048989

CATALOG NUMBER: GALN-SA9A-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
125.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.5	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											
2.2											
8.6											
19.4											
28.0											
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: P1048989

CATALOG NUMBER: GALN-SA9A-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
0.0	2.5°	153.0	153.0	153.0	153.0	150.8	150.8	150.8	148.7	148.7	146.5
0.0	5°	140.1	142.2	142.2	142.2	142.2	142.2	142.2	142.2	140.1	140.1
0.0	7.5°	129.3	131.4	133.6	133.6	135.7	135.7	135.7	133.6	133.6	131.4
0.0	10°	122.8	125.0	125.0	127.1	127.1	127.1	127.1	127.1	127.1	127.1
0.0	12.5°	114.2	116.4	118.5	118.5	120.7	120.7	120.7	120.7	118.5	118.5
0.0	15°	103.4	107.7	109.9	112.0	112.0	114.2	114.2	114.2	114.2	114.2
0.0	17.5°	94.8	99.1	101.3	103.4	103.4	105.6	105.6	107.7	107.7	107.7
0.0	20°	77.6	81.9	84.0	88.3	90.5	92.7	94.8	97.0	97.0	99.1
0.0	22.5°	60.3	64.6	66.8	71.1	73.3	75.4	77.6	79.7	81.9	84.0
0.0	25°	43.1	47.4	49.6	53.9	56.0	58.2	60.3	62.5	62.5	64.6
0.0	27.5°	23.7	28.0	32.3	34.5	38.8	40.9	43.1	45.2	47.4	49.6
0.0	30°	10.8	12.9	15.1	19.4	21.5	23.7	25.9	30.2	32.3	34.5
0.0	32.5°	0.0	0.0	2.2	6.5	8.6	10.8	12.9	15.1	15.1	17.2
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.2	4.3	6.5	8.6
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	4.3	4.3	4.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5
	82.5°	10.8	12.9	15.1	15.1	17.2	17.2	17.2	17.2	15.1	15.1
	85°	21.5	23.7	25.9	25.9	28.0	28.0	28.0	28.0	28.0	28.0
	87.5°	30.2	32.3	34.5	34.5	36.6	36.6	36.6	36.6	36.6	36.6
	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: P1048989

CATALOG NUMBER: GALN-SA9A-730-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
125.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	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											
6.5											
15.1											
28.0											
36.6											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048989

CATALOG NUMBER: GALN-SA9A-730-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°	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
0.0	2.5°	144.4	144.4	142.2	142.2	142.2	142.2	142.2	144.4	146.5	146.5
0.0	5°	137.9	137.9	135.7	135.7	135.7	137.9	137.9	140.1	142.2	144.4
0.0	7.5°	131.4	129.3	129.3	131.4	131.4	133.6	133.6	135.7	137.9	140.1
0.0	10°	127.1	125.0	125.0	125.0	127.1	127.1	129.3	131.4	133.6	135.7
0.0	12.5°	118.5	118.5	118.5	118.5	120.7	120.7	122.8	125.0	129.3	131.4
0.0	15°	114.2	112.0	112.0	112.0	112.0	114.2	114.2	118.5	122.8	125.0
0.0	17.5°	105.6	105.6	103.4	103.4	105.6	105.6	107.7	112.0	116.4	118.5
0.0	20°	97.0	94.8	92.7	92.7	94.8	94.8	97.0	101.3	105.6	107.7
0.0	22.5°	84.0	81.9	81.9	81.9	81.9	84.0	84.0	88.3	94.8	99.1
0.0	25°	66.8	69.0	69.0	71.1	71.1	73.3	75.4	79.7	86.2	90.5
0.0	27.5°	51.7	53.9	53.9	58.2	60.3	62.5	64.6	71.1	77.6	81.9
0.0	30°	38.8	40.9	43.1	45.2	49.6	53.9	58.2	64.6	71.1	75.4
0.0	32.5°	23.7	28.0	30.2	34.5	38.8	43.1	47.4	53.9	62.5	69.0
0.0	35°	17.2	19.4	23.7	25.9	30.2	34.5	38.8	47.4	53.9	62.5
0.0	37.5°	8.6	12.9	17.2	21.5	25.9	30.2	34.5	43.1	51.7	58.2
0.0	40°	6.5	10.8	12.9	17.2	23.7	28.0	32.3	40.9	49.6	58.2
0.0	42.5°	4.3	6.5	8.6	15.1	19.4	25.9	32.3	40.9	49.6	58.2
0.0	45°	4.3	4.3	6.5	12.9	19.4	28.0	34.5	43.1	49.6	58.2
0.0	47.5°	4.3	6.5	8.6	17.2	21.5	28.0	34.5	40.9	49.6	56.0
0.0	50°	6.5	8.6	10.8	19.4	23.7	30.2	34.5	43.1	49.6	58.2
0.0	52.5°	4.3	6.5	8.6	17.2	23.7	32.3	38.8	47.4	56.0	62.5
0.0	55°	2.2	2.2	2.2	12.9	25.9	36.6	49.6	56.0	64.6	71.1
0.0	57.5°	0.0	0.0	0.0	8.6	25.9	40.9	56.0	64.6	73.3	79.7
0.0	60°	0.0	0.0	0.0	8.6	25.9	40.9	56.0	66.8	77.6	88.3
0.0	62.5°	0.0	0.0	0.0	8.6	21.5	34.5	47.4	64.6	84.0	101.3
0.0	65°	0.0	0.0	0.0	6.5	17.2	28.0	38.8	64.6	90.5	114.2
0.0	67.5°	0.0	0.0	0.0	6.5	17.2	25.9	36.6	64.6	90.5	118.5
	70°	0.0	0.0	0.0	6.5	17.2	28.0	38.8	64.6	90.5	116.4
	72.5°	0.0	0.0	0.0	6.5	19.4	30.2	43.1	64.6	86.2	107.7
	75°	0.0	0.0	0.0	8.6	19.4	32.3	45.2	64.6	84.0	101.3
	77.5°	0.0	0.0	0.0	6.5	19.4	30.2	43.1	62.5	81.9	99.1
	80°	6.5	4.3	4.3	10.8	19.4	28.0	36.6	56.0	77.6	97.0
	82.5°	12.9	12.9	10.8	15.1	19.4	25.9	32.3	49.6	69.0	86.2
	85°	25.9	25.9	23.7	25.9	25.9	28.0	30.2	38.8	47.4	56.0
	87.5°	34.5	34.5	32.3	32.3	32.3	30.2	30.2	30.2	30.2	28.0
	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: P1048989

CATALOG NUMBER: GALN-SA9A-730-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
125.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.2											
129.3											
120.7											
118.5											
116.4											
103.4											
64.6											
28.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048989

CATALOG NUMBER: GALN-SA9A-730-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
0.0	2.5°	150.8	153.0	153.0	155.1	157.3	159.4	159.4	161.6	161.6	161.6
0.0	5°	148.7	153.0	155.1	157.3	159.4	161.6	163.8	165.9	168.1	168.1
0.0	7.5°	146.5	148.7	153.0	155.1	159.4	161.6	165.9	168.1	170.2	172.4
0.0	10°	142.2	146.5	150.8	155.1	159.4	163.8	168.1	172.4	176.7	178.8
0.0	12.5°	137.9	144.4	148.7	153.0	159.4	165.9	170.2	176.7	181.0	185.3
0.0	15°	135.7	140.1	146.5	150.8	159.4	168.1	174.5	183.2	191.8	198.2
0.0	17.5°	129.3	137.9	144.4	150.8	159.4	170.2	178.8	187.5	200.4	213.3
0.0	20°	120.7	127.1	135.7	142.2	155.1	165.9	178.8	189.6	209.0	228.4
0.0	22.5°	112.0	120.7	127.1	135.7	150.8	163.8	178.8	191.8	224.1	254.3
0.0	25°	103.4	114.2	122.8	131.4	148.7	165.9	183.2	200.4	254.3	308.1
0.0	27.5°	99.1	107.7	118.5	127.1	148.7	172.4	193.9	215.5	301.7	385.7
0.0	30°	92.7	103.4	112.0	122.8	150.8	178.8	206.9	234.9	366.3	497.7
0.0	32.5°	86.2	97.0	107.7	118.5	155.1	191.8	226.2	262.9	435.3	605.5
0.0	35°	79.7	92.7	103.4	114.2	161.6	211.2	258.6	306.0	497.7	687.4
0.0	37.5°	77.6	90.5	101.3	112.0	163.8	213.3	265.0	314.6	504.2	693.8
0.0	40°	79.7	90.5	103.4	114.2	157.3	200.4	241.3	284.4	482.7	678.7
0.0	42.5°	79.7	92.7	105.6	118.5	153.0	187.5	221.9	256.4	476.2	696.0
0.0	45°	77.6	90.5	103.4	116.4	148.7	178.8	211.2	241.3	515.0	786.5
0.0	47.5°	75.4	88.3	101.3	114.2	146.5	178.8	211.2	243.5	665.8	1086.0
0.0	50°	75.4	88.3	99.1	109.9	148.7	189.6	228.4	267.2	969.6	1669.9
0.0	52.5°	79.7	90.5	99.1	107.7	153.0	200.4	245.6	290.9	1232.5	2172.0
0.0	55°	86.2	92.7	101.3	107.7	163.8	217.6	273.6	327.5	1312.2	2296.9
0.0	57.5°	94.8	101.3	107.7	114.2	183.2	252.1	318.9	387.8	1318.7	2247.4
0.0	60°	105.6	114.2	120.7	127.1	200.4	275.8	349.1	422.3	1193.7	1963.0
0.0	62.5°	129.3	140.1	148.7	159.4	230.6	299.5	370.6	439.6	991.2	1542.8
0.0	65°	148.7	157.3	165.9	174.5	243.5	314.6	383.5	452.5	840.3	1228.2
0.0	67.5°	153.0	161.6	168.1	176.7	247.8	318.9	387.8	459.0	719.7	978.2
	70°	155.1	165.9	178.8	189.6	262.9	336.1	407.2	480.5	637.8	795.1
	72.5°	148.7	170.2	189.6	209.0	278.0	344.8	413.7	480.5	592.5	704.6
	75°	148.7	178.8	206.9	234.9	286.6	336.1	387.8	437.4	523.6	609.8
	77.5°	157.3	196.1	234.9	273.6	303.8	331.8	362.0	390.0	446.0	502.1
	80°	157.3	198.2	237.0	278.0	290.9	306.0	318.9	331.8	338.3	344.8
	82.5°	135.7	168.1	200.4	232.7	217.6	202.5	187.5	172.4	161.6	148.7
	85°	69.0	75.4	79.7	84.0	77.6	71.1	64.6	58.2	53.9	47.4
	87.5°	28.0	28.0	25.9	25.9	25.9	25.9	23.7	23.7	23.7	23.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048989

CATALOG NUMBER: GALN-SA9A-730-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
125.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
209.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
265.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
338.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
459.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
637.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
864.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1079.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1226.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1335.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1445.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1661.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2092.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3189.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4884.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6149.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6289.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5675.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4852.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3792.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2865.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2115.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1497.5											
1114.0											
810.2											
609.8											
342.6											
155.1											
45.2											
21.5											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048989

CATALOG NUMBER: GALN-SA9A-730-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°	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
0.0	2.5°	161.6	159.4	159.4	157.3	155.1	153.0	150.8	148.7	146.5	144.4
0.0	5°	168.1	168.1	168.1	165.9	165.9	163.8	163.8	161.6	159.4	157.3
0.0	7.5°	174.5	176.7	176.7	178.8	178.8	178.8	178.8	176.7	176.7	176.7
0.0	10°	185.3	187.5	189.6	191.8	193.9	196.1	196.1	198.2	198.2	198.2
0.0	12.5°	198.2	204.7	209.0	215.5	219.8	226.2	230.6	237.0	241.3	245.6
0.0	15°	217.6	228.4	241.3	252.1	262.9	278.0	295.2	310.3	325.4	349.1
0.0	17.5°	245.6	280.1	314.6	346.9	381.4	456.8	532.2	605.5	680.9	790.8
0.0	20°	299.5	402.9	504.2	607.6	708.9	973.9	1236.8	1501.8	1764.7	2047.0
0.0	22.5°	420.2	674.4	928.7	1182.9	1437.2	1991.0	2542.6	3096.3	3647.9	4296.5
0.0	25°	609.8	1077.4	1544.9	2010.4	2477.9	3344.1	4212.5	5078.7	5944.9	6787.4
0.0	27.5°	887.7	1603.1	2318.5	3031.7	3747.1	4921.4	6097.9	7272.2	8446.5	9398.9
0.0	30°	1230.3	2200.0	3169.6	4139.2	5108.8	6444.8	7780.7	9114.5	10450.4	11491.1
0.0	32.5°	1553.6	2740.8	3928.1	5113.2	6300.4	7821.6	9345.0	10866.3	12387.5	13525.2
0.0	35°	1764.7	3199.8	4637.0	6072.0	7507.1	9153.3	10799.5	12443.5	14089.7	15389.0
0.0	37.5°	1975.9	3632.9	5287.7	6944.7	8599.5	10407.3	12215.1	14022.9	15830.7	17436.0
0.0	40°	2212.9	4156.5	6097.9	8041.4	9982.8	12124.6	14264.3	16406.1	18545.7	20810.3
0.0	42.5°	2624.5	5024.8	7427.3	9827.7	12228.0	15061.5	17895.0	20726.3	23559.7	26791.8
0.0	45°	3398.0	6780.9	10166.0	13548.9	16931.8	20685.3	24441.0	28194.5	31948.1	36248.9
0.0	47.5°	5292.0	9946.2	14598.2	19252.4	23904.5	27957.5	32008.4	36061.4	40112.3	44395.9
0.0	50°	8097.4	13514.4	18931.4	24346.2	29763.2	33430.5	37095.7	40763.0	44428.2	48502.8
0.0	52.5°	10127.2	15770.4	21415.8	27059.0	32702.2	36011.9	39323.7	42633.3	45943.0	49750.4
0.0	55°	10280.2	15891.1	21504.1	27115.0	32725.9	36050.7	39375.4	42700.1	46024.9	50060.7
0.0	57.5°	9101.5	14667.2	20230.7	25796.3	31359.8	35145.7	38929.4	42715.2	46498.9	50862.2
0.0	60°	7741.9	13309.7	18875.4	24443.2	30008.8	34370.0	38733.3	43094.4	47455.6	51543.1
0.0	62.5°	6039.7	11766.9	17496.3	23223.6	28950.8	33378.8	37806.8	42232.6	46660.5	49726.7
0.0	65°	4501.2	10062.6	15623.9	21183.1	26744.4	30291.1	33837.8	37382.3	40928.9	42827.3
0.0	67.5°	3253.6	8050.0	12844.3	17640.7	22435.0	24973.2	27511.5	30047.6	32585.9	34038.1
	70°	2200.0	5522.6	8843.0	12165.6	15486.0	17571.8	19659.7	21745.5	23831.2	25792.0
	72.5°	1523.4	3389.4	5257.5	7123.5	8989.5	11088.2	13184.7	15283.4	17380.0	19455.0
	75°	1010.6	1859.5	2710.6	3559.6	4408.6	5962.1	7517.8	9071.4	10624.9	11861.7
	77.5°	717.5	971.8	1228.2	1482.4	1736.7	2027.6	2320.6	2611.5	2902.4	3344.1
	80°	340.4	372.8	405.1	435.3	467.6	573.2	678.7	784.3	889.9	1001.9
	82.5°	161.6	174.5	187.5	198.2	211.2	221.9	232.7	243.5	254.3	243.5
	85°	43.1	43.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	43.1
	87.5°	19.4	19.4	19.4	19.4	19.4	19.4	19.4	17.2	17.2	15.1
	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: P1048989

CATALOG NUMBER: GALN-SA9A-730-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
125.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
247.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
374.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
898.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2331.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4945.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7629.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10351.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12534.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14665.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16688.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19043.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23074.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30023.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40549.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48679.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52577.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53557.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54098.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55225.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55628.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52795.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44727.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35492.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27750.7											
21530.0											
13098.6											
3785.8											
1114.0											
230.6											
40.9											
15.1											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048989

CATALOG NUMBER: GALN-SA9A-730-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
0.0	2.5°	140.1	137.9	135.7	133.6	131.4	127.1	127.1	125.0	125.0
0.0	5°	153.0	150.8	148.7	146.5	146.5	144.4	142.2	142.2	140.1
0.0	7.5°	174.5	172.4	170.2	168.1	168.1	165.9	165.9	163.8	163.8
0.0	10°	200.4	200.4	200.4	200.4	200.4	198.2	198.2	198.2	196.1
0.0	12.5°	252.1	254.3	258.6	262.9	269.3	269.3	269.3	267.2	267.2
0.0	15°	398.6	422.3	439.6	456.8	471.9	506.4	502.1	495.6	491.3
0.0	17.5°	1008.4	1116.1	1174.3	1230.3	1288.5	1448.0	1422.1	1396.3	1372.6
0.0	20°	2613.7	2895.9	3083.4	3270.9	3460.5	3760.0	3686.7	3613.5	3540.2
0.0	22.5°	5591.5	6240.1	6522.3	6804.6	7084.7	7446.7	7211.9	6977.0	6744.3
0.0	25°	8470.2	9312.7	9788.9	10265.1	10739.1	10946.0	10640.0	10331.9	10025.9
0.0	27.5°	11303.7	12256.1	12676.2	13094.2	13514.4	13947.5	13568.3	13186.9	12807.7
0.0	30°	13574.7	14615.5	15070.1	15522.6	15977.3	16278.9	15886.8	15492.5	15100.3
0.0	32.5°	15802.7	16940.4	17438.2	17935.9	18431.5	18864.6	18381.9	17897.1	17414.5
0.0	35°	17985.5	19284.8	19970.0	20655.2	21340.4	21743.3	21170.1	20594.8	20021.7
0.0	37.5°	20648.7	22254.0	23021.0	23788.1	24555.2	25290.0	24658.6	24025.2	23393.8
0.0	40°	25339.5	27604.1	28780.6	29959.3	31135.7	32083.8	31286.6	30489.3	29692.1
0.0	42.5°	33256.0	36488.1	38179.5	39868.8	41560.3	43040.6	42202.4	41364.2	40526.0
0.0	45°	44850.5	49151.4	51213.4	53273.3	55335.4	56417.1	55210.4	54001.6	52795.0
0.0	47.5°	52960.9	57244.5	59080.3	60916.1	62752.0	63986.6	62510.6	61034.7	59560.8
0.0	50°	56649.8	60724.4	62566.7	64406.8	66249.1	67229.5	65525.1	63818.6	62114.2
0.0	52.5°	57363.0	61170.4	63368.2	65568.2	67766.0	69076.1	67063.6	65048.9	63036.4
0.0	55°	58134.4	62170.2	64719.2	67270.4	69819.5	71633.7	69358.3	67080.8	64805.4
0.0	57.5°	59586.7	63950.0	66492.6	69033.0	71575.6	73116.2	70834.3	68550.3	66268.5
0.0	60°	59716.0	63801.3	65986.2	68173.2	70358.1	71327.8	69145.0	66960.1	64777.4
0.0	62.5°	55861.2	58927.3	60444.3	61961.2	63478.1	64531.8	62254.2	59974.5	57697.0
0.0	65°	46626.0	48524.3	49733.1	50941.9	52150.7	53406.9	51321.2	49235.4	47149.6
0.0	67.5°	36944.9	38397.1	39989.5	41581.8	43174.2	44516.6	42846.6	41174.6	39504.7
	70°	29711.5	31670.1	33460.7	35251.3	37041.8	38140.7	36464.4	34785.8	33109.5
	72.5°	23605.0	25680.0	27175.4	28668.6	30164.0	30433.3	29200.8	27968.3	26737.9
	75°	14333.2	15570.0	15600.2	15628.2	15658.4	15914.8	14893.4	13872.1	12852.9
	77.5°	4227.6	4669.3	5033.4	5395.4	5759.6	6199.1	5824.2	5447.1	5072.2
	80°	1223.9	1335.9	1430.7	1523.4	1618.2	1562.2	1473.8	1385.5	1297.1
	82.5°	219.8	206.9	204.7	202.5	202.5	191.8	174.5	157.3	140.1
	85°	38.8	36.6	34.5	32.3	30.2	28.0	23.7	21.5	17.2
	87.5°	12.9	10.8	8.6	6.5	6.5	2.2	2.2	2.2	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: P1048989

CATALOG NUMBER: GALN-SA9A-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048989

CATALOG NUMBER: GALN-SA9A-730-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°	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0	125.0
0.0	0.0	2.5°	122.8	120.7	120.7	120.7	120.7	118.5	118.5	118.5	118.5
0.0	0.0	5°	135.7	135.7	133.6	133.6	131.4	131.4	129.3	129.3	127.1
0.0	0.0	7.5°	159.4	157.3	155.1	153.0	150.8	146.5	144.4	142.2	142.2
0.0	0.0	10°	191.8	187.5	185.3	181.0	178.8	174.5	170.2	165.9	161.6
0.0	0.0	12.5°	252.1	243.5	237.0	228.4	219.8	213.3	204.7	198.2	189.6
0.0	0.0	15°	437.4	415.9	392.2	364.1	334.0	306.0	275.8	258.6	239.2
0.0	0.0	17.5°	1118.3	1006.3	892.1	799.4	706.7	616.3	523.6	456.8	390.0
0.0	0.0	20°	2846.4	2536.1	2225.8	1919.9	1611.7	1305.8	997.6	842.5	687.4
0.0	0.0	22.5°	5356.6	4781.3	4203.9	3645.8	3085.6	2527.5	1969.4	1618.2	1269.1
0.0	0.0	25°	8267.7	7543.7	6819.7	5901.8	4981.7	4063.8	3145.9	2574.9	2003.9
0.0	0.0	27.5°	10758.5	9924.6	9090.8	7974.6	6858.5	5742.3	4626.2	3775.1	2926.1
0.0	0.0	30°	12915.4	12019.0	11122.7	9823.4	8524.1	7224.8	5925.5	4861.1	3796.6
0.0	0.0	32.5°	14785.7	13712.7	12639.6	11299.4	9959.1	8618.9	7278.7	5972.9	4667.1
0.0	0.0	35°	16942.6	15690.7	14436.6	12949.9	11461.0	9974.2	8487.4	7013.6	5537.6
0.0	0.0	37.5°	19683.4	18147.1	16608.6	14951.6	13294.6	11639.8	9982.8	8297.8	6612.8
0.0	0.0	40°	24930.1	22947.8	20965.4	18860.3	16753.0	14647.8	12542.6	10474.1	8405.6
0.0	0.0	42.5°	34331.2	31652.9	28974.5	26173.4	23370.1	20569.0	17765.7	14848.2	11928.5
0.0	0.0	45°	44941.0	41618.5	38293.7	35150.0	32004.1	28860.3	25716.6	21713.1	17709.7
0.0	0.0	47.5°	50907.5	47319.8	43732.2	40756.6	37780.9	34805.2	31829.6	27513.6	23197.7
0.0	0.0	50°	53103.1	49450.9	45798.6	43060.0	40319.2	37580.5	34839.7	30517.3	26192.8
0.0	0.0	52.5°	53570.7	49845.2	46119.7	43363.8	40607.9	37854.2	35098.3	30803.9	26509.5
0.0	0.0	55°	54531.7	50534.7	46535.5	43393.9	40252.4	37110.8	33969.2	29605.9	25242.6
0.0	0.0	57.5°	55787.9	51689.6	47591.3	44012.4	40433.4	36856.5	33277.5	28507.0	23736.4
0.0	0.0	60°	55458.2	51892.2	48324.0	44490.7	40655.3	36822.0	32986.6	27739.9	22491.0
0.0	0.0	62.5°	49735.3	46895.4	44053.3	40900.9	37746.4	34594.1	31441.7	26039.8	20637.9
0.0	0.0	65°	40916.0	38843.2	36770.3	34234.2	31696.0	29159.9	26623.7	21779.9	16938.3
0.0	0.0	67.5°	33161.2	30825.5	28487.6	26466.5	24443.2	22422.0	20398.8	16587.0	12775.3
		70°	26345.8	23805.4	21262.8	19289.1	17313.2	15339.5	13365.7	10831.8	8300.0
		72.5°	20922.4	18631.9	16341.4	14236.2	12128.9	10023.8	7916.4	6418.9	4921.4
		75°	10000.1	9084.3	8168.6	7067.5	5966.4	4865.4	3764.3	3111.4	2460.7
		77.5°	3706.1	3212.7	2717.1	2268.9	1820.7	1374.7	926.5	849.0	771.4
		80°	958.9	836.0	711.1	622.7	532.2	443.9	355.5	321.1	288.7
		82.5°	109.9	101.3	94.8	90.5	84.0	79.7	73.3	66.8	60.3
		85°	6.5	4.3	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: P1048989

CATALOG NUMBER: GALN-SA9A-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048989

CATALOG NUMBER: GALN-SA9A-730-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	125.0	125.0
0.0	0.0	2.5°	116.4	114.2
0.0	0.0	5°	122.8	120.7
0.0	0.0	7.5°	135.7	131.4
0.0	0.0	10°	148.7	144.4
0.0	0.0	12.5°	168.1	161.6
0.0	0.0	15°	189.6	176.7
0.0	0.0	17.5°	226.2	198.2
0.0	0.0	20°	306.0	234.9
0.0	0.0	22.5°	430.9	293.0
0.0	0.0	25°	633.5	405.1
0.0	0.0	27.5°	881.3	538.7
0.0	0.0	30°	1172.2	674.4
0.0	0.0	32.5°	1428.6	803.7
0.0	0.0	35°	1762.6	935.1
0.0	0.0	37.5°	2174.1	1103.2
0.0	0.0	40°	2811.9	1357.5
0.0	0.0	42.5°	3960.4	1827.2
0.0	0.0	45°	6431.8	3158.8
0.0	0.0	47.5°	9896.6	5225.2
0.0	0.0	50°	12107.4	6668.9
0.0	0.0	52.5°	12288.4	6658.1
0.0	0.0	55°	11217.5	5919.0
0.0	0.0	57.5°	9571.3	4947.2
0.0	0.0	60°	7955.2	3913.0
0.0	0.0	62.5°	6268.1	2702.0
0.0	0.0	65°	4580.9	1911.2
0.0	0.0	67.5°	3290.3	1428.6
		70°	2163.3	1094.6
		72.5°	1409.2	892.1
		75°	948.1	739.1
		77.5°	553.8	491.3
		80°	196.1	172.4
		82.5°	36.6	25.9
		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: P1048989

CATALOG NUMBER: GALN-SA9A-730-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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

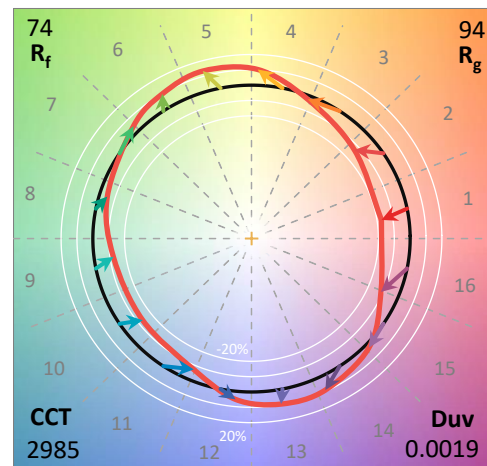
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

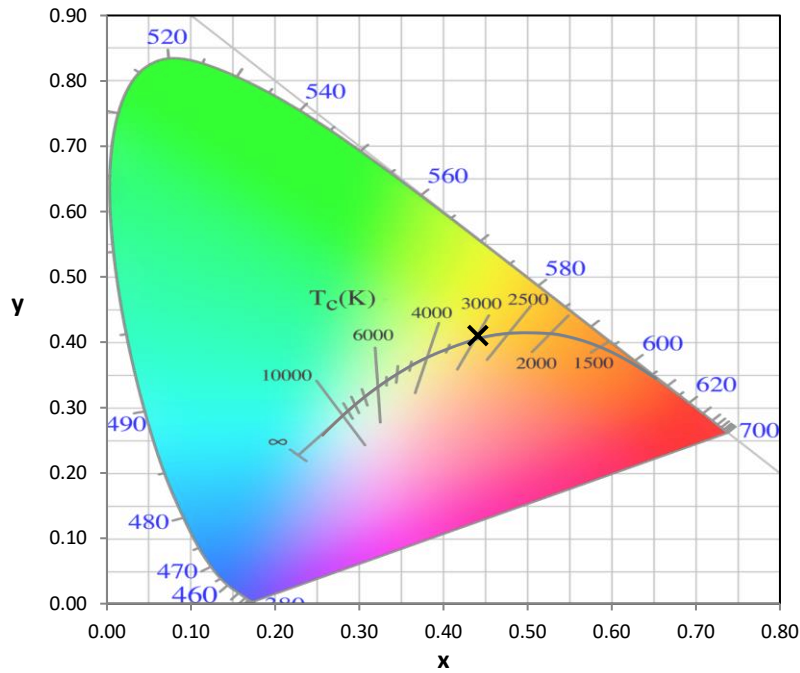
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

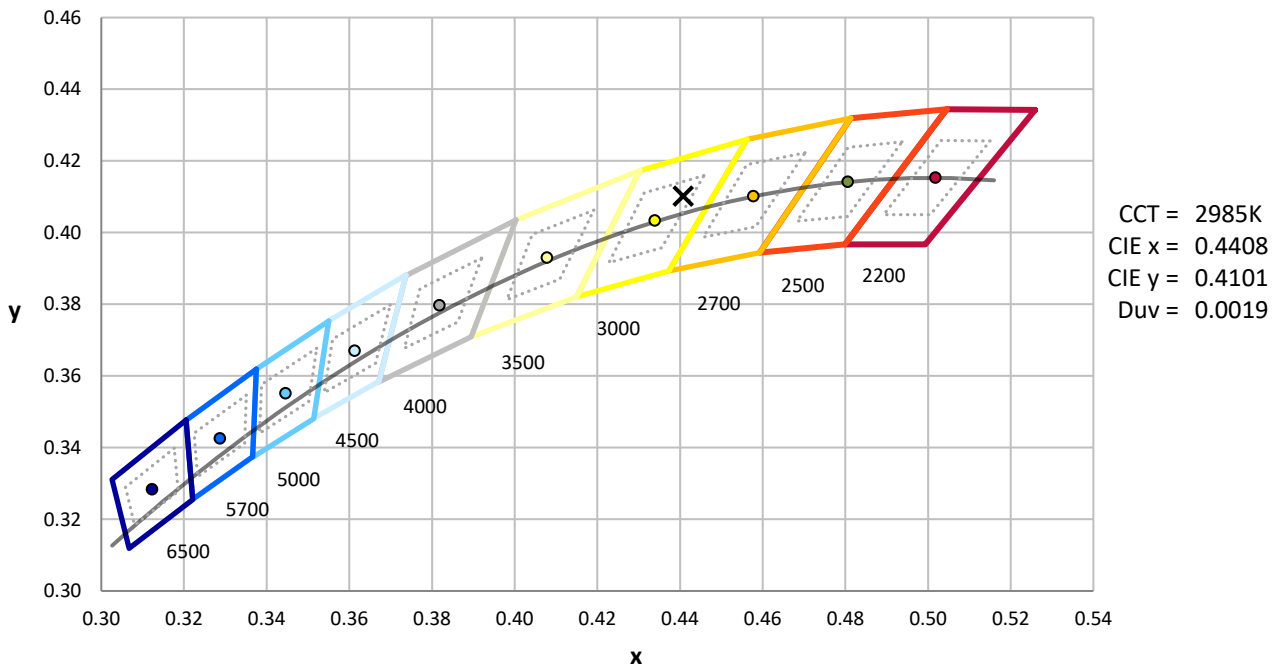
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



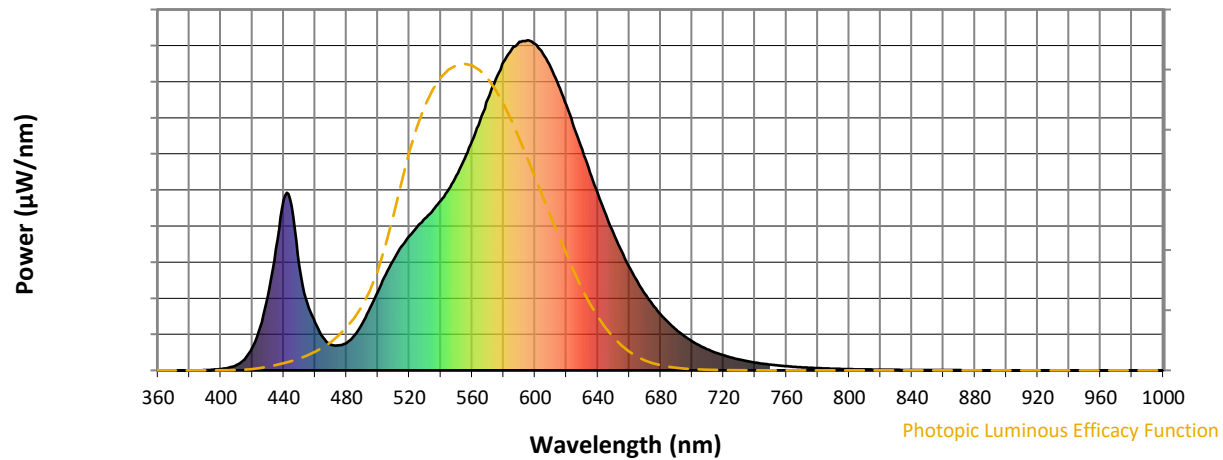
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

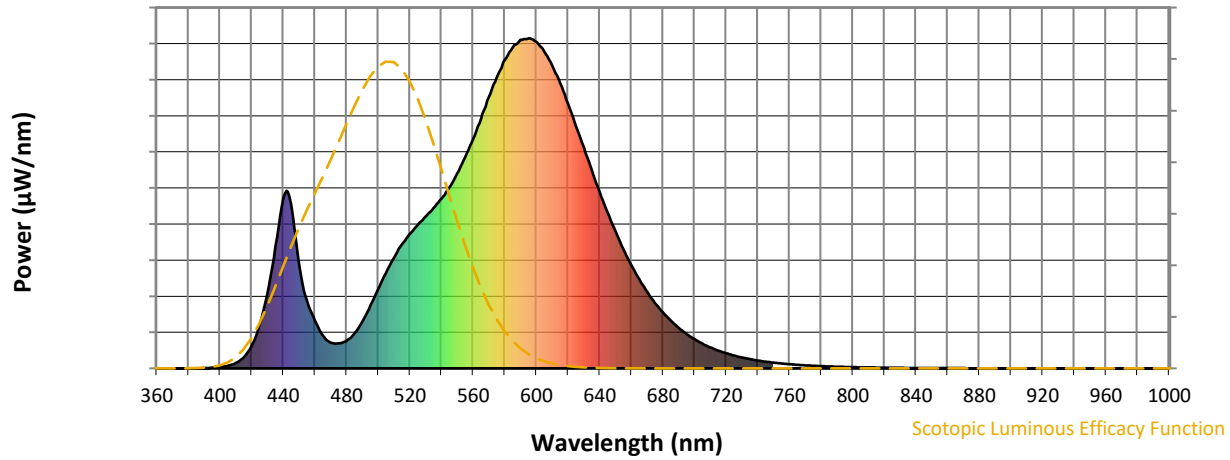


Photopic Lumens: NR

λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



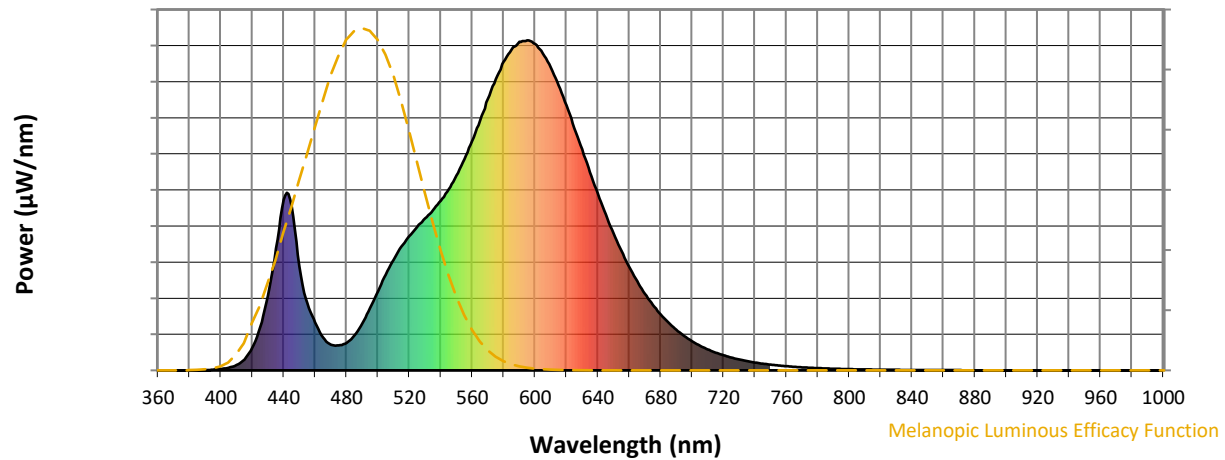
Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.13

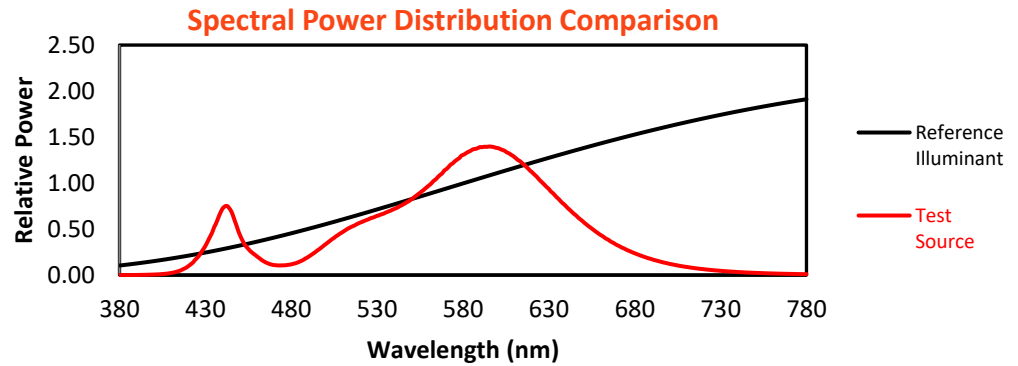
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

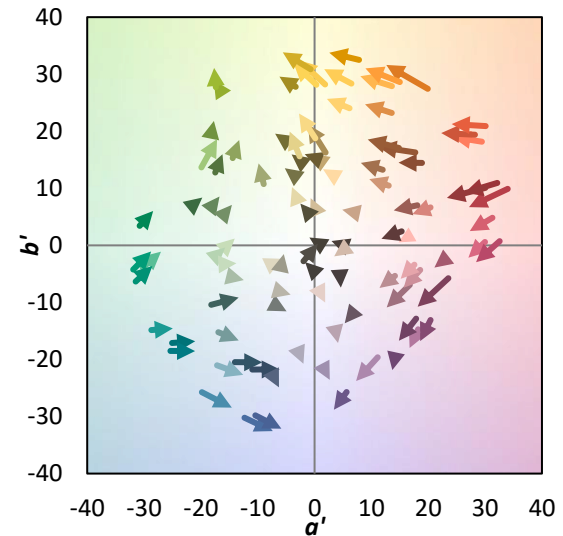
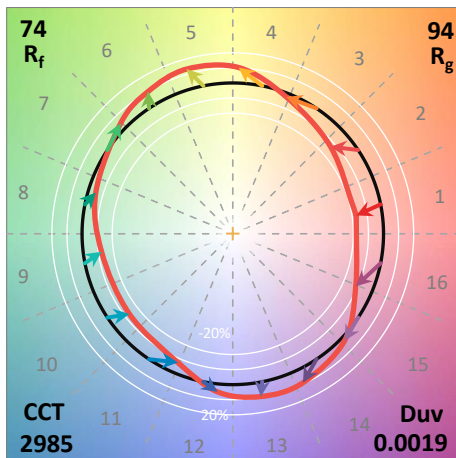
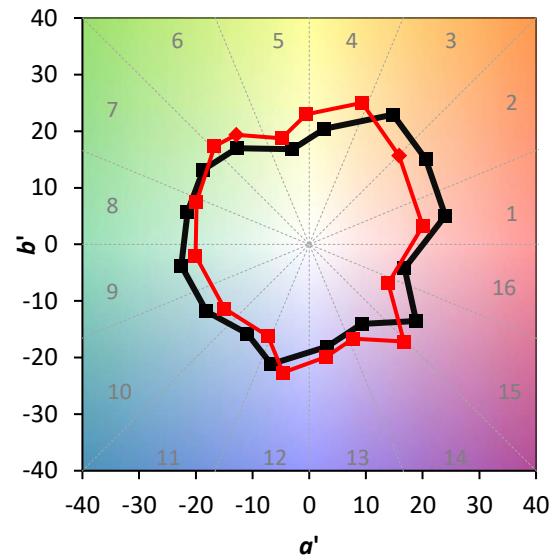
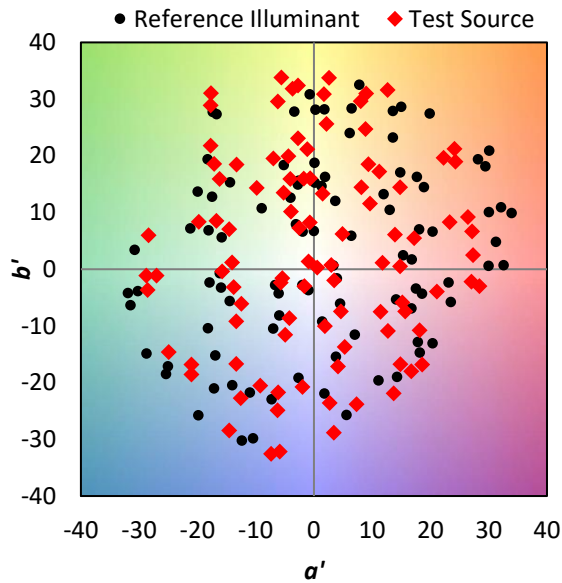
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE\ R_a = 70.8$
 $R_g = -43.2$

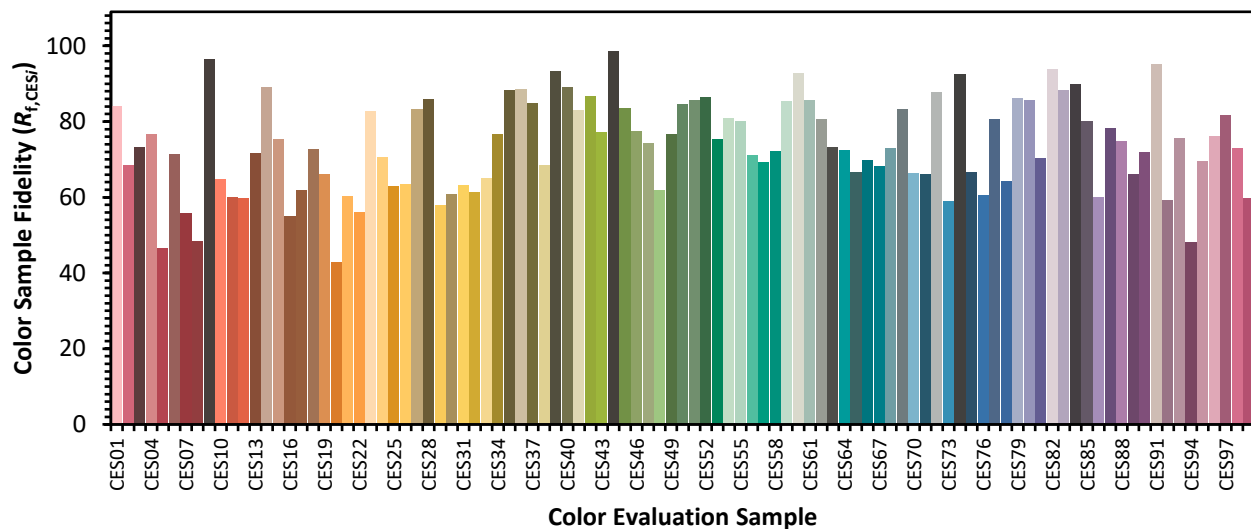


Color Vector Graphics

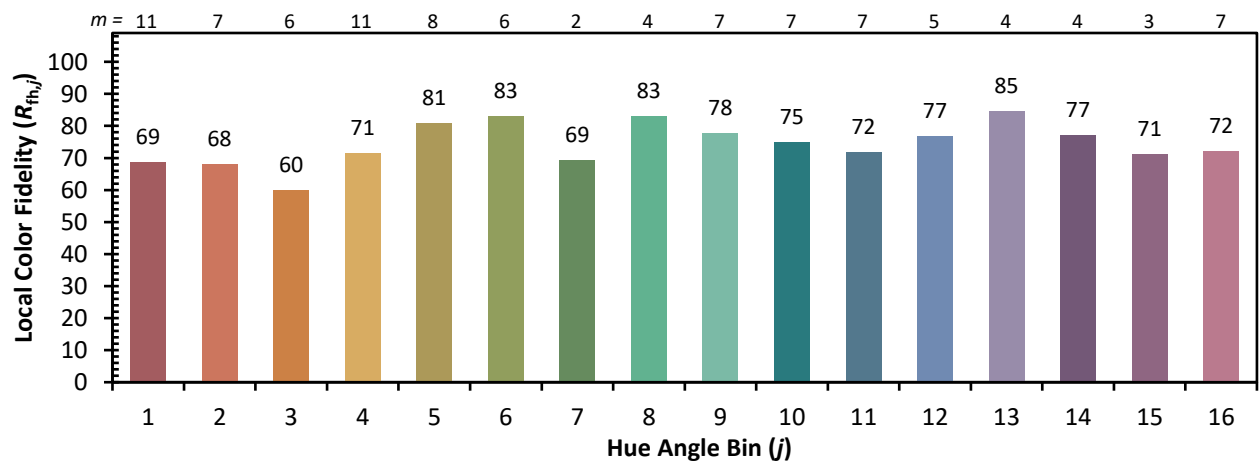
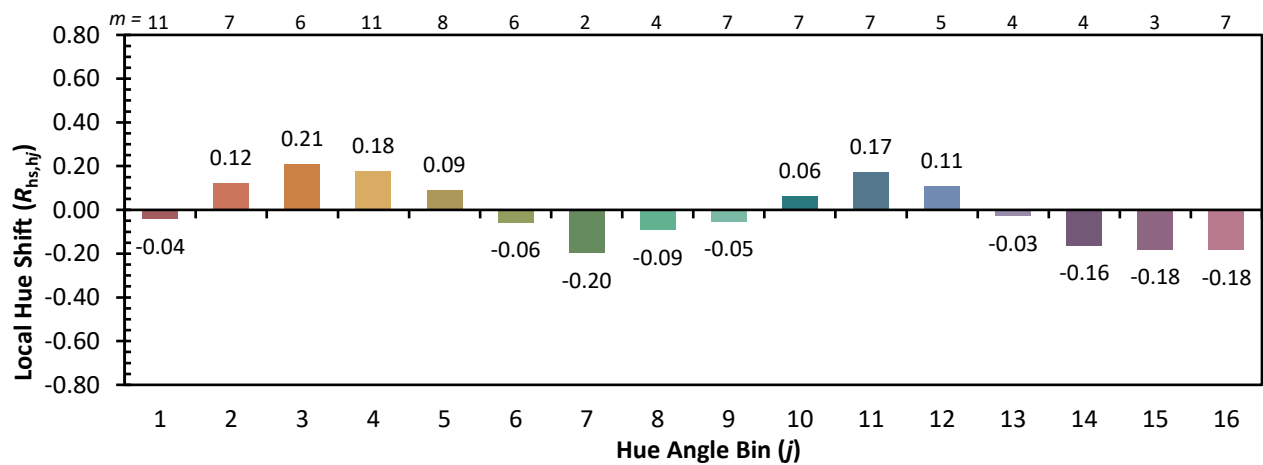
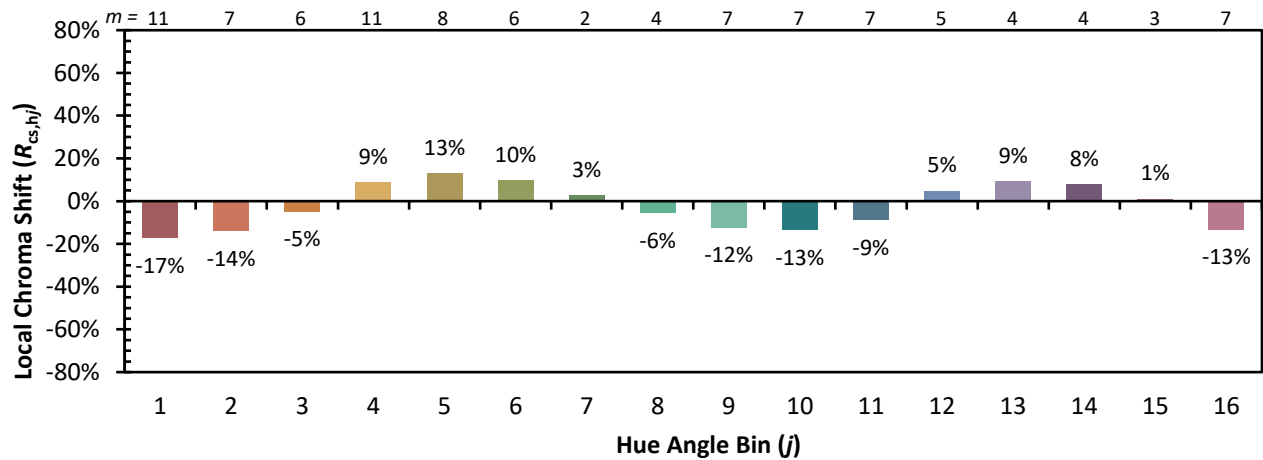


Individual Sample Fidelity Index ($R_{f,i}$)

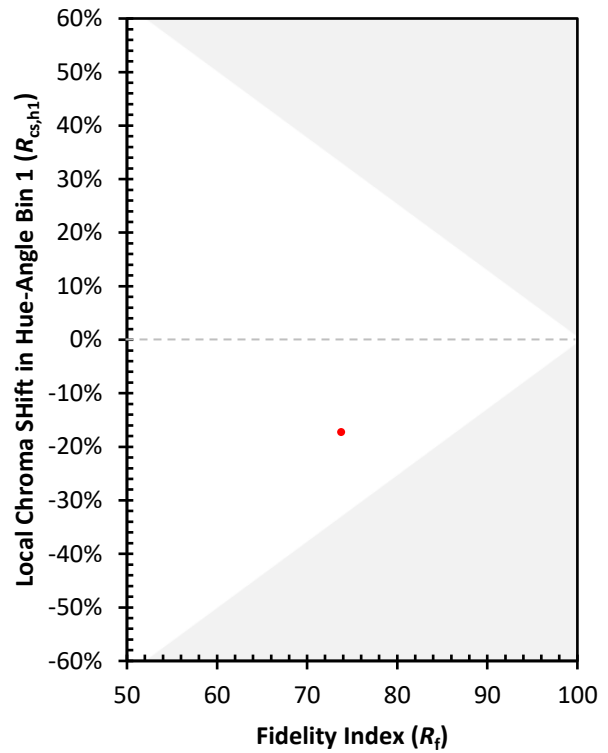
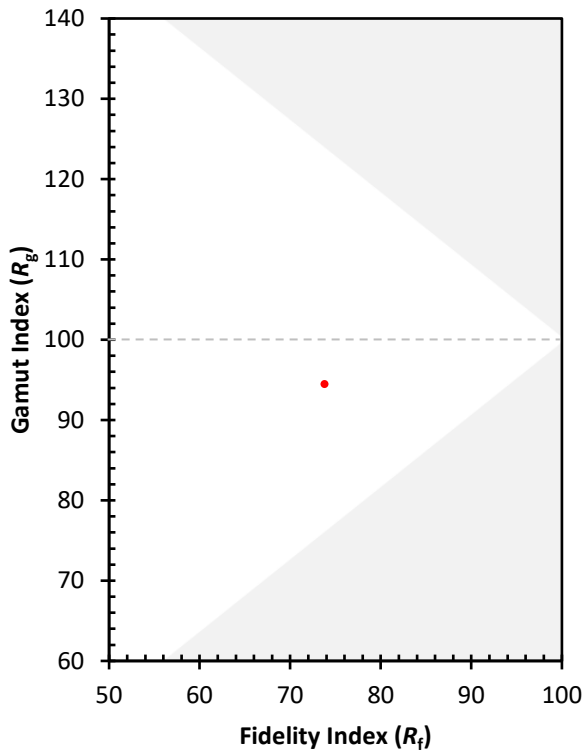
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)