

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: P1048881

Luminaire Tested: **GALN-SA9A-740-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048881
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9A-740-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE
70CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (126) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29352.8 lumens
Efficiency: N/A
Efficacy: 120.0 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

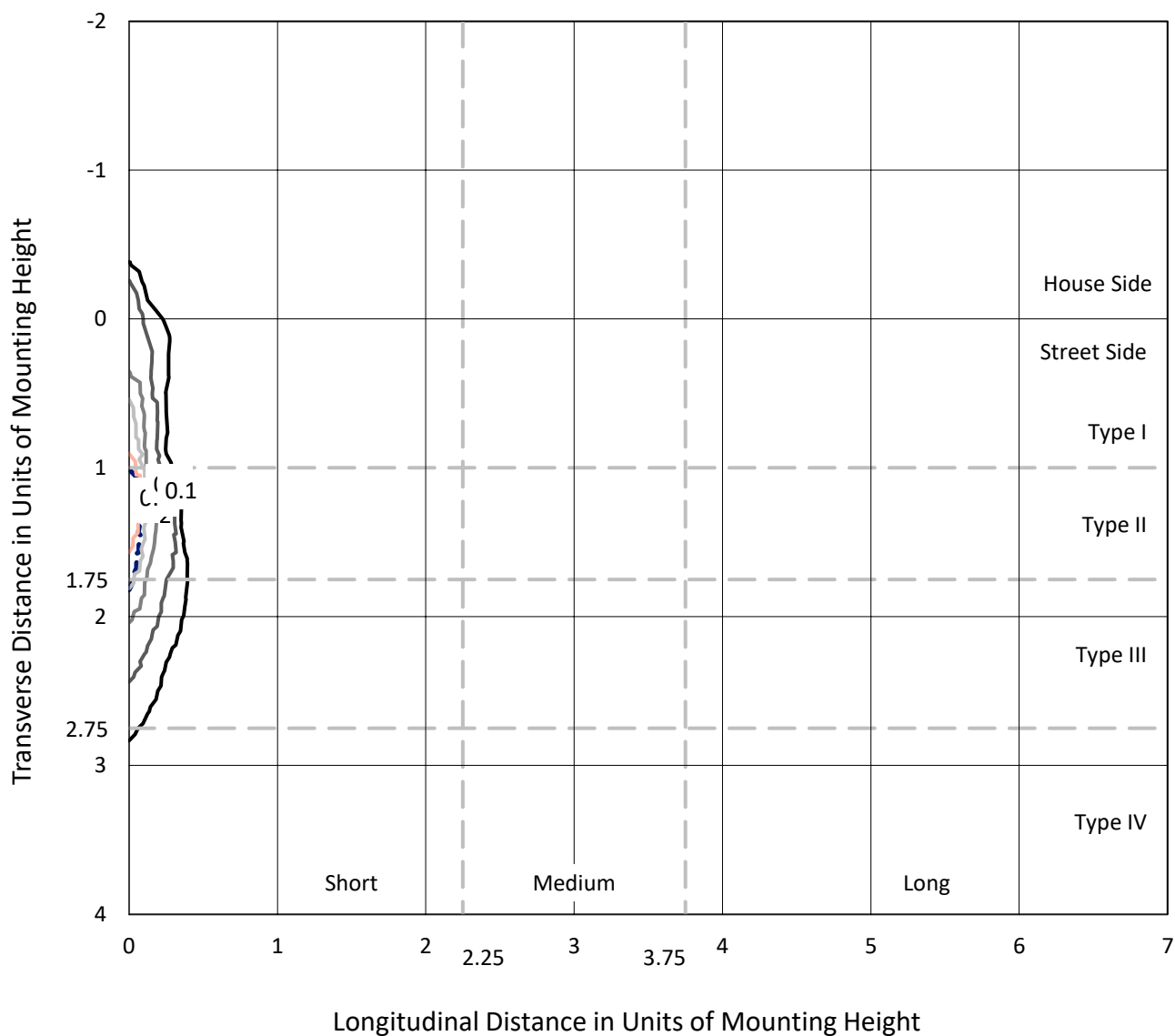
REPORT NUMBER: P1048881

CATALOG NUMBER: GALN-SA9A-740-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

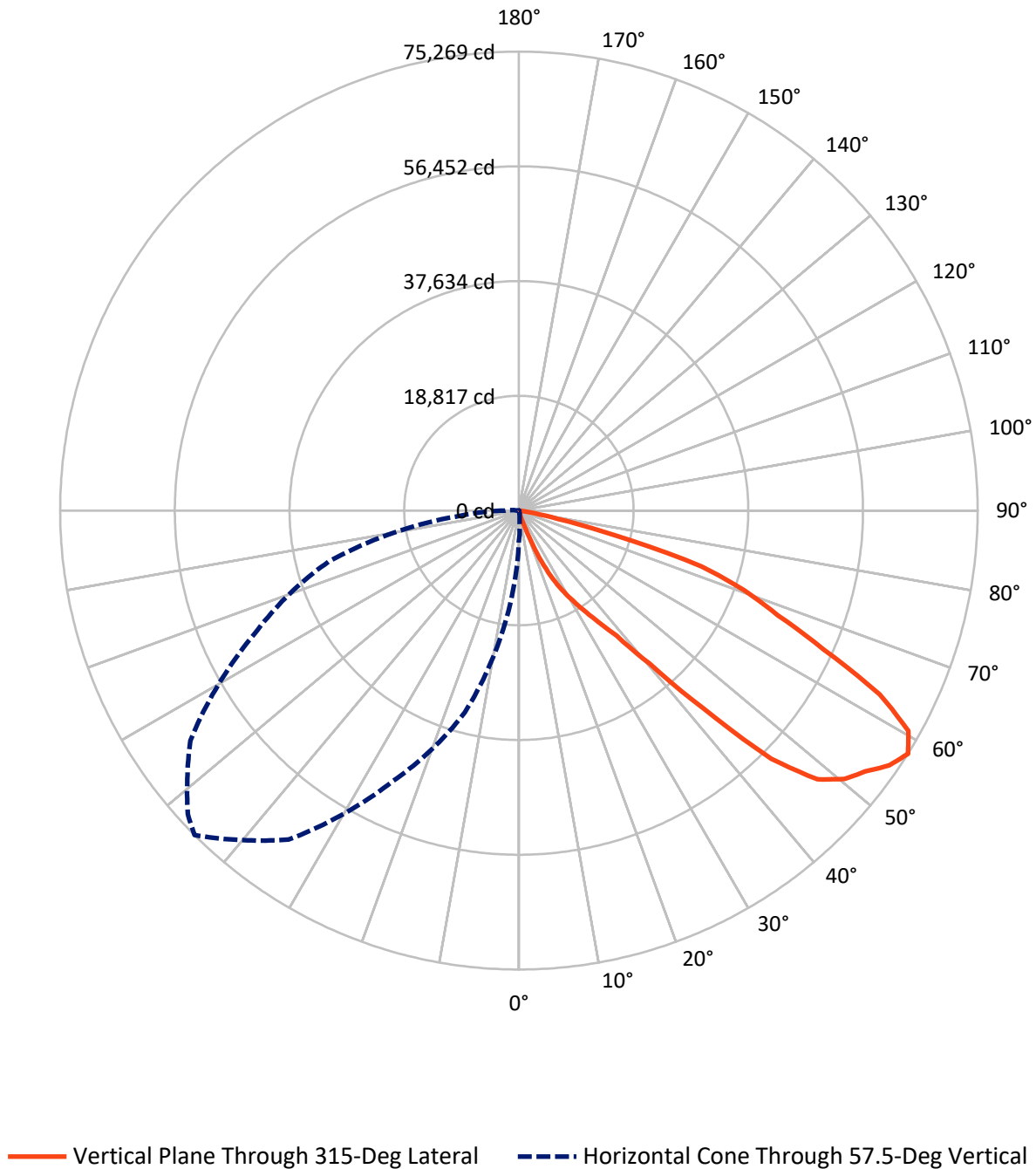


Based on 20 foot mounting height. Maximum calculated value = 4.3 fc

Type III - Short - N/A

REPORT NUMBER: P1048881
CATALOG NUMBER: GALN-SA9A-740-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048881

CATALOG NUMBER: GALN-SA9A-740-U-RBC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	147.0	0.0	147.0
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	29205.8	0.0	29205.8
	% Fixture	99.5	0.0	99.5
Total	Lumens	29352.8	0.0	29352.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.5	0.0
10°-20°	64.5	0.2
20°-30°	695.6	2.4
30°-40°	2057.1	7.0
40°-50°	6130.6	20.9
50°-60°	9720.9	33.1
60°-70°	8114.6	27.6
70°-80°	2502.2	8.5
80°-90°	55.6	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°	29352.8	100.0
0°-180°	29352.8	100.0



REPORT NUMBER: P1048881

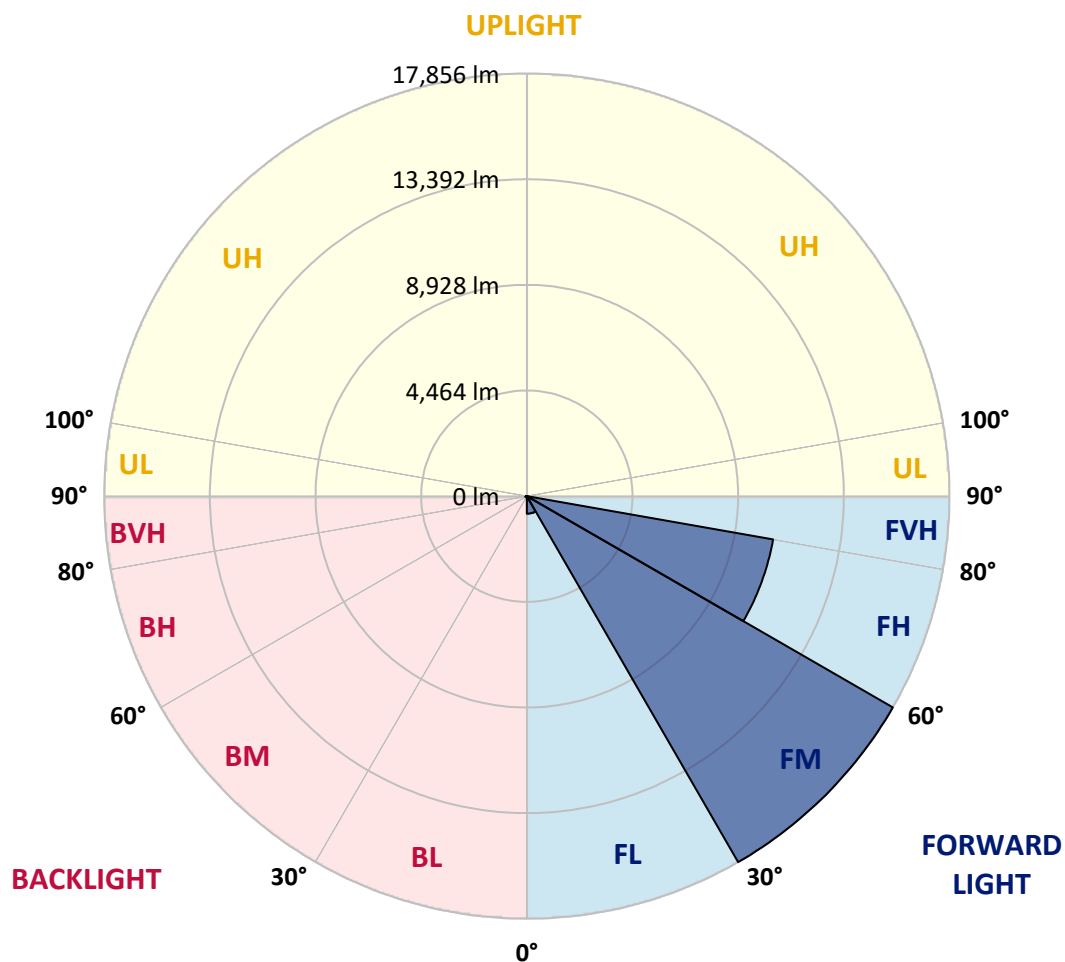
CATALOG NUMBER: GALN-SA9A-740-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	744.6	2.5			
FM	(30°-60°)	17856.1	60.8			
FH	(60°-80°)	10562.0	36.0			G4/12000
FVH	(80°-90°)	43.0	0.1			G1/100
BL	(0°-30°)	27.0	0.1	B0/110		
BM	(30°-60°)	52.5	0.2	B0/220		
BH	(60°-80°)	54.8	0.2	B0/110		G0/110
BVH	(80°-90°)	12.6	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: P1048881

CATALOG NUMBER: GALN-SA9A-740-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7
2.5°	117.6	117.6	117.6	117.6	115.3	115.3	113.1	113.1	110.9	110.9
5°	124.2	124.2	122.0	119.8	119.8	117.6	115.3	113.1	113.1	110.9
7.5°	135.3	133.1	130.9	128.7	124.2	122.0	117.6	115.3	113.1	108.7
10°	148.6	144.2	139.7	135.3	130.9	126.4	122.0	119.8	115.3	113.1
12.5°	166.4	159.7	150.8	144.2	139.7	133.1	128.7	124.2	117.6	113.1
15°	181.9	173.0	161.9	153.1	146.4	137.5	130.9	124.2	119.8	113.1
17.5°	204.1	188.5	170.8	159.7	150.8	139.7	128.7	122.0	115.3	106.5
20°	241.8	210.7	177.5	164.1	150.8	137.5	124.2	115.3	108.7	99.8
22.5°	301.7	248.4	195.2	175.2	157.5	137.5	119.8	110.9	102.0	93.2
25°	417.0	321.6	226.3	199.6	173.0	146.4	119.8	108.7	99.8	88.7
27.5°	554.5	412.6	268.4	230.7	195.2	157.5	119.8	106.5	95.4	82.1
30°	694.3	505.7	315.0	266.2	217.4	168.6	119.8	104.3	90.9	75.4
32.5°	827.4	592.2	354.9	297.2	239.6	179.7	122.0	104.3	86.5	68.8
35°	962.7	663.2	361.6	301.7	241.8	179.7	119.8	99.8	82.1	62.1
37.5°	1135.7	743.1	348.3	288.4	230.7	170.8	113.1	95.4	77.6	57.7
40°	1397.4	876.2	354.9	292.8	230.7	168.6	106.5	88.7	73.2	55.5
42.5°	1881.0	1133.5	383.7	312.8	241.8	168.6	97.6	82.1	68.8	53.2
45°	3251.8	1883.2	514.6	408.1	301.7	195.2	88.7	75.4	64.3	51.0
47.5°	5379.0	3152.0	925.0	714.2	505.7	295.0	86.5	75.4	64.3	51.0
50°	6865.2	4014.9	1164.5	896.1	627.7	359.3	90.9	77.6	66.5	53.2
52.5°	6854.1	4077.0	1297.6	996.0	696.5	394.8	95.4	82.1	71.0	57.7
55°	6093.3	3708.8	1322.0	1015.9	712.0	405.9	102.0	88.7	75.4	62.1
57.5°	5092.9	3149.8	1206.7	933.8	663.2	390.4	117.6	102.0	88.7	73.2
60°	4028.2	2484.3	940.5	743.1	547.9	350.5	155.3	135.3	117.6	97.6
62.5°	2781.6	1801.1	820.7	658.8	499.1	337.2	177.5	157.5	139.7	119.8
65°	1967.5	1355.3	740.9	603.3	468.0	330.5	193.0	170.8	150.8	128.7
67.5°	1470.6	1078.0	683.2	565.6	448.1	330.5	212.9	186.3	161.9	135.3
70°	1126.8	885.0	641.0	545.7	452.5	357.1	261.7	224.0	188.5	150.8
72.5°	918.3	756.4	592.2	523.5	454.7	386.0	317.2	268.4	219.6	168.6
75°	760.8	647.7	534.6	476.9	421.5	363.8	306.1	261.7	219.6	175.2
77.5°	505.7	461.4	414.8	381.5	348.3	312.8	279.5	241.8	206.3	168.6
80°	177.5	170.8	164.1	177.5	190.8	204.1	217.4	190.8	166.4	139.7
82.5°	26.6	24.4	22.2	24.4	26.6	28.8	31.1	33.3	35.5	37.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048881

CATALOG NUMBER: GALN-SA9A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048881

CATALOG NUMBER: GALN-SA9A-740-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7
0.0	2.5°	108.7	108.7	106.5	106.5	106.5	104.3	104.3	102.0	102.0	102.0
0.0	5°	106.5	106.5	104.3	102.0	99.8	99.8	97.6	95.4	95.4	93.2
0.0	7.5°	104.3	102.0	99.8	97.6	95.4	93.2	90.9	88.7	88.7	86.5
0.0	10°	106.5	102.0	99.8	95.4	93.2	90.9	86.5	84.3	82.1	82.1
0.0	12.5°	102.0	99.8	95.4	90.9	88.7	84.3	82.1	77.6	75.4	75.4
0.0	15°	102.0	97.6	90.9	86.5	82.1	79.9	75.4	71.0	68.8	66.5
0.0	17.5°	95.4	90.9	84.3	79.9	75.4	71.0	66.5	62.1	59.9	57.7
0.0	20°	86.5	82.1	75.4	68.8	64.3	59.9	55.5	51.0	48.8	46.6
0.0	22.5°	77.6	73.2	66.5	59.9	55.5	51.0	44.4	39.9	37.7	33.3
0.0	25°	73.2	66.5	59.9	53.2	46.6	42.1	35.5	28.8	24.4	20.0
0.0	27.5°	62.1	55.5	48.8	42.1	35.5	28.8	22.2	15.5	11.1	8.9
0.0	30°	53.2	46.6	39.9	33.3	24.4	17.7	11.1	2.2	2.2	2.2
0.0	32.5°	44.4	37.7	28.8	22.2	17.7	11.1	6.7	0.0	0.0	0.0
0.0	35°	35.5	28.8	20.0	13.3	11.1	6.7	4.4	0.0	0.0	0.0
0.0	37.5°	31.1	24.4	15.5	6.7	4.4	4.4	2.2	0.0	0.0	0.0
0.0	40°	28.8	20.0	11.1	2.2	2.2	2.2	0.0	0.0	0.0	0.0
0.0	42.5°	28.8	20.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	28.8	20.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	28.8	20.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	31.1	22.2	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	35.5	26.6	17.7	8.9	6.7	4.4	2.2	0.0	0.0	0.0
0.0	55°	44.4	39.9	33.3	28.8	22.2	15.5	6.7	0.0	0.0	0.0
0.0	57.5°	57.7	57.7	55.5	53.2	39.9	26.6	13.3	0.0	0.0	0.0
0.0	60°	77.6	77.6	77.6	77.6	57.7	39.9	20.0	0.0	0.0	0.0
0.0	62.5°	95.4	90.9	84.3	79.9	59.9	39.9	20.0	0.0	0.0	0.0
0.0	65°	95.4	86.5	75.4	64.3	48.8	33.3	15.5	0.0	0.0	0.0
0.0	67.5°	88.7	71.0	51.0	33.3	24.4	17.7	8.9	0.0	0.0	0.0
	70°	88.7	62.1	35.5	8.9	6.7	4.4	2.2	0.0	0.0	0.0
	72.5°	88.7	59.9	28.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	97.6	66.5	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	97.6	66.5	33.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	86.5	57.7	28.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	28.8	20.0	8.9	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-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048881

CATALOG NUMBER: GALN-SA9A-740-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°	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7
0.0	2.5°	99.8	99.8	99.8	97.6	97.6	97.6	97.6	95.4	95.4	95.4
0.0	5°	90.9	90.9	88.7	88.7	86.5	86.5	84.3	84.3	82.1	82.1
0.0	7.5°	84.3	82.1	82.1	79.9	77.6	77.6	75.4	75.4	73.2	71.0
0.0	10°	77.6	75.4	75.4	73.2	71.0	68.8	68.8	66.5	64.3	62.1
0.0	12.5°	71.0	68.8	66.5	64.3	62.1	59.9	59.9	57.7	55.5	53.2
0.0	15°	62.1	59.9	57.7	55.5	53.2	51.0	51.0	48.8	46.6	44.4
0.0	17.5°	53.2	51.0	51.0	48.8	46.6	44.4	42.1	37.7	35.5	33.3
0.0	20°	39.9	37.7	35.5	33.3	31.1	26.6	24.4	20.0	15.5	13.3
0.0	22.5°	26.6	22.2	20.0	15.5	11.1	8.9	6.7	2.2	0.0	0.0
0.0	25°	8.9	6.7	4.4	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



REPORT NUMBER: P1048881

CATALOG NUMBER: GALN-SA9A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048881

CATALOG NUMBER: GALN-SA9A-740-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7
0.0	2.5°	93.2	93.2	93.2	90.9	90.9	90.9	90.9	90.9	90.9	90.9
0.0	5°	79.9	79.9	79.9	77.6	77.6	75.4	75.4	75.4	73.2	73.2
0.0	7.5°	68.8	66.5	66.5	64.3	64.3	62.1	62.1	62.1	59.9	59.9
0.0	10°	57.7	55.5	55.5	53.2	53.2	51.0	51.0	48.8	48.8	46.6
0.0	12.5°	51.0	48.8	46.6	44.4	44.4	42.1	39.9	39.9	37.7	35.5
0.0	15°	39.9	37.7	35.5	33.3	31.1	28.8	26.6	26.6	24.4	22.2
0.0	17.5°	26.6	22.2	20.0	17.7	17.7	15.5	13.3	11.1	8.9	6.7
0.0	20°	6.7	4.4	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: P1048881

CATALOG NUMBER: GALN-SA9A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048881

CATALOG NUMBER: GALN-SA9A-740-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°	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7
0.0	2.5°	90.9	88.7	88.7	88.7	90.9	90.9	90.9	90.9	90.9	90.9
0.0	5°	73.2	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
0.0	7.5°	59.9	57.7	57.7	57.7	57.7	55.5	55.5	55.5	55.5	55.5
0.0	10°	46.6	44.4	44.4	44.4	44.4	42.1	42.1	42.1	42.1	42.1
0.0	12.5°	33.3	33.3	31.1	31.1	31.1	28.8	28.8	28.8	28.8	26.6
0.0	15°	20.0	17.7	15.5	15.5	15.5	13.3	13.3	13.3	13.3	11.1
0.0	17.5°	4.4	4.4	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
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-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048881

CATALOG NUMBER: GALN-SA9A-740-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7
0.0	2.5°	93.2	93.2	95.4	95.4	97.6	102.0	104.3	106.5	110.9	115.3
0.0	5°	73.2	75.4	75.4	77.6	79.9	82.1	84.3	86.5	90.9	95.4
0.0	7.5°	57.7	57.7	59.9	59.9	62.1	66.5	68.8	71.0	75.4	82.1
0.0	10°	44.4	44.4	46.6	46.6	48.8	53.2	55.5	57.7	62.1	68.8
0.0	12.5°	28.8	31.1	31.1	33.3	35.5	39.9	42.1	44.4	48.8	53.2
0.0	15°	13.3	15.5	15.5	17.7	20.0	24.4	26.6	28.8	33.3	39.9
0.0	17.5°	2.2	2.2	4.4	4.4	6.7	8.9	11.1	13.3	20.0	24.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	8.9
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-740-U-RBC

[illegible]

REPORT NUMBER: P1048881

CATALOG NUMBER: GALN-SA9A-740-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°	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7
0.0	2.5°	122.0	126.4	130.9	135.3	139.7	144.2	146.4	150.8	153.1	155.3
0.0	5°	104.3	108.7	115.3	119.8	124.2	128.7	133.1	135.3	137.5	139.7
0.0	7.5°	90.9	95.4	102.0	106.5	110.9	115.3	119.8	124.2	126.4	128.7
0.0	10°	77.6	84.3	88.7	95.4	99.8	104.3	108.7	113.1	117.6	119.8
0.0	12.5°	62.1	68.8	75.4	79.9	86.5	93.2	97.6	102.0	106.5	110.9
0.0	15°	48.8	55.5	62.1	66.5	73.2	79.9	86.5	90.9	95.4	99.8
0.0	17.5°	35.5	42.1	48.8	53.2	59.9	66.5	71.0	77.6	82.1	86.5
0.0	20°	17.7	24.4	31.1	37.7	44.4	51.0	55.5	62.1	66.5	71.0
0.0	22.5°	2.2	8.9	15.5	20.0	26.6	33.3	37.7	44.4	48.8	53.2
0.0	25°	0.0	2.2	6.7	8.9	11.1	15.5	20.0	24.4	28.8	33.3
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.2	4.4	8.9	13.3	17.7
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2	4.4
	85°	0.0	0.0	0.0	0.0	0.0	4.4	6.7	11.1	13.3	15.5
	87.5°	0.0	2.2	4.4	6.7	8.9	13.3	17.7	22.2	24.4	26.6
	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: P1048881

CATALOG NUMBER: GALN-SA9A-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
128.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.7	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											
8.9											
20.0											
28.8											
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: P1048881

CATALOG NUMBER: GALN-SA9A-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7
0.0	2.5°	157.5	157.5	157.5	157.5	155.3	155.3	155.3	153.1	153.1	150.8
0.0	5°	144.2	146.4	146.4	146.4	146.4	146.4	146.4	146.4	144.2	144.2
0.0	7.5°	133.1	135.3	137.5	137.5	139.7	139.7	139.7	137.5	137.5	135.3
0.0	10°	126.4	128.7	128.7	130.9	130.9	130.9	130.9	130.9	130.9	130.9
0.0	12.5°	117.6	119.8	122.0	122.0	124.2	124.2	124.2	124.2	122.0	122.0
0.0	15°	106.5	110.9	113.1	115.3	115.3	117.6	117.6	117.6	117.6	117.6
0.0	17.5°	97.6	102.0	104.3	106.5	106.5	108.7	108.7	110.9	110.9	110.9
0.0	20°	79.9	84.3	86.5	90.9	93.2	95.4	97.6	99.8	99.8	102.0
0.0	22.5°	62.1	66.5	68.8	73.2	75.4	77.6	79.9	82.1	84.3	86.5
0.0	25°	44.4	48.8	51.0	55.5	57.7	59.9	62.1	64.3	64.3	66.5
0.0	27.5°	24.4	28.8	33.3	35.5	39.9	42.1	44.4	46.6	48.8	51.0
0.0	30°	11.1	13.3	15.5	20.0	22.2	24.4	26.6	31.1	33.3	35.5
0.0	32.5°	0.0	0.0	2.2	6.7	8.9	11.1	13.3	15.5	15.5	17.7
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.2	4.4	6.7	8.9
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°	4.4	4.4	4.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7
	82.5°	11.1	13.3	15.5	15.5	17.7	17.7	17.7	17.7	15.5	15.5
	85°	22.2	24.4	26.6	26.6	28.8	28.8	28.8	28.8	28.8	28.8
	87.5°	31.1	33.3	35.5	35.5	37.7	37.7	37.7	37.7	37.7	37.7
	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: P1048881

CATALOG NUMBER: GALN-SA9A-740-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
128.7	112.5°	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
144.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.4	152.5°	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
2.2	157.5°	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
2.2	162.5°	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	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0										
0.0										
0.0										
0.0										
6.7										
15.5										
28.8										
37.7										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										

REPORT NUMBER: P1048881

CATALOG NUMBER: GALN-SA9A-740-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°	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7
0.0	2.5°	148.6	148.6	146.4	146.4	146.4	146.4	146.4	148.6	150.8	150.8
0.0	5°	142.0	142.0	139.7	139.7	139.7	142.0	142.0	144.2	146.4	148.6
0.0	7.5°	135.3	133.1	133.1	135.3	135.3	137.5	137.5	139.7	142.0	144.2
0.0	10°	130.9	128.7	128.7	128.7	130.9	130.9	133.1	135.3	137.5	139.7
0.0	12.5°	122.0	122.0	122.0	122.0	124.2	124.2	126.4	128.7	133.1	135.3
0.0	15°	117.6	115.3	115.3	115.3	115.3	117.6	117.6	122.0	126.4	128.7
0.0	17.5°	108.7	108.7	106.5	106.5	108.7	108.7	110.9	115.3	119.8	122.0
0.0	20°	99.8	97.6	95.4	95.4	97.6	97.6	99.8	104.3	108.7	110.9
0.0	22.5°	86.5	84.3	84.3	84.3	84.3	86.5	86.5	90.9	97.6	102.0
0.0	25°	68.8	71.0	71.0	73.2	73.2	75.4	77.6	82.1	88.7	93.2
0.0	27.5°	53.2	55.5	55.5	59.9	62.1	64.3	66.5	73.2	79.9	84.3
0.0	30°	39.9	42.1	44.4	46.6	51.0	55.5	59.9	66.5	73.2	77.6
0.0	32.5°	24.4	28.8	31.1	35.5	39.9	44.4	48.8	55.5	64.3	71.0
0.0	35°	17.7	20.0	24.4	26.6	31.1	35.5	39.9	48.8	55.5	64.3
0.0	37.5°	8.9	13.3	17.7	22.2	26.6	31.1	35.5	44.4	53.2	59.9
0.0	40°	6.7	11.1	13.3	17.7	24.4	28.8	33.3	42.1	51.0	59.9
0.0	42.5°	4.4	6.7	8.9	15.5	20.0	26.6	33.3	42.1	51.0	59.9
0.0	45°	4.4	4.4	6.7	13.3	20.0	28.8	35.5	44.4	51.0	59.9
0.0	47.5°	4.4	6.7	8.9	17.7	22.2	28.8	35.5	42.1	51.0	57.7
0.0	50°	6.7	8.9	11.1	20.0	24.4	31.1	35.5	44.4	51.0	59.9
0.0	52.5°	4.4	6.7	8.9	17.7	24.4	33.3	39.9	48.8	57.7	64.3
0.0	55°	2.2	2.2	2.2	13.3	26.6	37.7	51.0	57.7	66.5	73.2
0.0	57.5°	0.0	0.0	0.0	8.9	26.6	42.1	57.7	66.5	75.4	82.1
0.0	60°	0.0	0.0	0.0	8.9	26.6	42.1	57.7	68.8	79.9	90.9
0.0	62.5°	0.0	0.0	0.0	8.9	22.2	35.5	48.8	66.5	86.5	104.3
0.0	65°	0.0	0.0	0.0	6.7	17.7	28.8	39.9	66.5	93.2	117.6
0.0	67.5°	0.0	0.0	0.0	6.7	17.7	26.6	37.7	66.5	93.2	122.0
	70°	0.0	0.0	0.0	6.7	17.7	28.8	39.9	66.5	93.2	119.8
	72.5°	0.0	0.0	0.0	6.7	20.0	31.1	44.4	66.5	88.7	110.9
	75°	0.0	0.0	0.0	8.9	20.0	33.3	46.6	66.5	86.5	104.3
	77.5°	0.0	0.0	0.0	6.7	20.0	31.1	44.4	64.3	84.3	102.0
	80°	6.7	4.4	4.4	11.1	20.0	28.8	37.7	57.7	79.9	99.8
	82.5°	13.3	13.3	11.1	15.5	20.0	26.6	33.3	51.0	71.0	88.7
	85°	26.6	26.6	24.4	26.6	26.6	28.8	31.1	39.9	48.8	57.7
	87.5°	35.5	35.5	33.3	33.3	33.3	31.1	31.1	31.1	31.1	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: P1048881

CATALOG NUMBER: GALN-SA9A-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
128.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.4											
133.1											
124.2											
122.0											
119.8											
106.5											
66.5											
28.8											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048881

CATALOG NUMBER: GALN-SA9A-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7
0.0	2.5°	155.3	157.5	157.5	159.7	161.9	164.1	164.1	166.4	166.4	166.4
0.0	5°	153.1	157.5	159.7	161.9	164.1	166.4	168.6	170.8	173.0	173.0
0.0	7.5°	150.8	153.1	157.5	159.7	164.1	166.4	170.8	173.0	175.2	177.5
0.0	10°	146.4	150.8	155.3	159.7	164.1	168.6	173.0	177.5	181.9	184.1
0.0	12.5°	142.0	148.6	153.1	157.5	164.1	170.8	175.2	181.9	186.3	190.8
0.0	15°	139.7	144.2	150.8	155.3	164.1	173.0	179.7	188.5	197.4	204.1
0.0	17.5°	133.1	142.0	148.6	155.3	164.1	175.2	184.1	193.0	206.3	219.6
0.0	20°	124.2	130.9	139.7	146.4	159.7	170.8	184.1	195.2	215.2	235.1
0.0	22.5°	115.3	124.2	130.9	139.7	155.3	168.6	184.1	197.4	230.7	261.7
0.0	25°	106.5	117.6	126.4	135.3	153.1	170.8	188.5	206.3	261.7	317.2
0.0	27.5°	102.0	110.9	122.0	130.9	153.1	177.5	199.6	221.8	310.5	397.1
0.0	30°	95.4	106.5	115.3	126.4	155.3	184.1	212.9	241.8	377.1	512.4
0.0	32.5°	88.7	99.8	110.9	122.0	159.7	197.4	232.9	270.6	448.1	623.3
0.0	35°	82.1	95.4	106.5	117.6	166.4	217.4	266.2	315.0	512.4	707.6
0.0	37.5°	79.9	93.2	104.3	115.3	168.6	219.6	272.8	323.9	519.0	714.2
0.0	40°	82.1	93.2	106.5	117.6	161.9	206.3	248.4	292.8	496.9	698.7
0.0	42.5°	82.1	95.4	108.7	122.0	157.5	193.0	228.5	264.0	490.2	716.5
0.0	45°	79.9	93.2	106.5	119.8	153.1	184.1	217.4	248.4	530.1	809.6
0.0	47.5°	77.6	90.9	104.3	117.6	150.8	184.1	217.4	250.7	685.4	1118.0
0.0	50°	77.6	90.9	102.0	113.1	153.1	195.2	235.1	275.1	998.2	1719.1
0.0	52.5°	82.1	93.2	102.0	110.9	157.5	206.3	252.9	299.5	1268.8	2235.9
0.0	55°	88.7	95.4	104.3	110.9	168.6	224.0	281.7	337.2	1350.9	2364.6
0.0	57.5°	97.6	104.3	110.9	117.6	188.5	259.5	328.3	399.3	1357.5	2313.5
0.0	60°	108.7	117.6	124.2	130.9	206.3	283.9	359.3	434.8	1228.9	2020.7
0.0	62.5°	133.1	144.2	153.1	164.1	237.3	308.3	381.5	452.5	1020.4	1588.2
0.0	65°	153.1	161.9	170.8	179.7	250.7	323.9	394.8	465.8	865.1	1264.4
0.0	67.5°	157.5	166.4	173.0	181.9	255.1	328.3	399.3	472.5	740.9	1007.0
	70°	159.7	170.8	184.1	195.2	270.6	346.0	419.2	494.6	656.6	818.5
	72.5°	153.1	175.2	195.2	215.2	286.1	354.9	425.9	494.6	610.0	725.3
	75°	153.1	184.1	212.9	241.8	295.0	346.0	399.3	450.3	539.0	627.7
	77.5°	161.9	201.9	241.8	281.7	312.8	341.6	372.7	401.5	459.2	516.8
	80°	161.9	204.1	244.0	286.1	299.5	315.0	328.3	341.6	348.3	354.9
	82.5°	139.7	173.0	206.3	239.6	224.0	208.5	193.0	177.5	166.4	153.1
	85°	71.0	77.6	82.1	86.5	79.9	73.2	66.5	59.9	55.5	48.8
	87.5°	28.8	28.8	26.6	26.6	26.6	26.6	24.4	24.4	24.4	24.4
	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: P1048881

CATALOG NUMBER: GALN-SA9A-740-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
128.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
188.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
215.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
237.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
272.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
348.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
472.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
656.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
889.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1111.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1262.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1375.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1488.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1710.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2153.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3282.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5028.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6330.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6474.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5842.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4995.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3904.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2950.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2178.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1541.6											
1146.8											
834.0											
627.7											
352.7											
159.7											
46.6											
22.2											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											



REPORT NUMBER: P1048881

CATALOG NUMBER: GALN-SA9A-740-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°	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7
0.0	2.5°	166.4	164.1	164.1	161.9	159.7	157.5	155.3	153.1	150.8	148.6
0.0	5°	173.0	173.0	173.0	170.8	170.8	168.6	168.6	166.4	164.1	161.9
0.0	7.5°	179.7	181.9	181.9	184.1	184.1	184.1	184.1	181.9	181.9	181.9
0.0	10°	190.8	193.0	195.2	197.4	199.6	201.9	201.9	204.1	204.1	204.1
0.0	12.5°	204.1	210.7	215.2	221.8	226.3	232.9	237.3	244.0	248.4	252.9
0.0	15°	224.0	235.1	248.4	259.5	270.6	286.1	303.9	319.4	334.9	359.3
0.0	17.5°	252.9	288.4	323.9	357.1	392.6	470.3	547.9	623.3	700.9	814.1
0.0	20°	308.3	414.8	519.0	625.5	729.8	1002.6	1273.2	1546.1	1816.7	2107.3
0.0	22.5°	432.5	694.3	956.0	1217.8	1479.5	2049.6	2617.4	3187.5	3755.3	4423.0
0.0	25°	627.7	1109.1	1590.4	2069.5	2550.9	3442.6	4336.5	5228.2	6119.9	6987.2
0.0	27.5°	913.9	1650.3	2386.7	3121.0	3857.4	5066.3	6277.4	7486.3	8695.2	9675.6
0.0	30°	1266.6	2264.7	3262.9	4261.1	5259.3	6634.5	8009.8	9382.8	10758.1	11829.5
0.0	32.5°	1599.3	2821.5	4043.7	5263.7	6485.9	8051.9	9620.2	11186.2	12752.2	13923.4
0.0	35°	1816.7	3294.0	4773.5	6250.8	7728.1	9422.7	11117.4	12809.9	14504.6	15842.1
0.0	37.5°	2034.1	3739.8	5443.4	7149.1	8852.7	10713.7	12574.8	14435.8	16296.8	17949.4
0.0	40°	2278.1	4278.8	6277.4	8278.2	10276.7	12481.6	14684.2	16889.1	19091.7	21423.0
0.0	42.5°	2701.7	5172.8	7646.0	10117.0	12588.1	15504.9	18421.8	21336.5	24253.4	27580.6
0.0	45°	3498.0	6980.6	10465.3	13947.8	17430.3	21294.3	25160.6	29024.6	32888.7	37316.1
0.0	47.5°	5447.8	10239.0	15028.0	19819.3	24608.3	28780.6	32950.8	37123.1	41293.3	45703.0
0.0	50°	8335.9	13912.3	19488.8	25063.0	30639.5	34414.8	38187.9	41963.2	45736.3	49930.8
0.0	52.5°	10425.4	16234.7	22046.3	27855.7	33665.0	37072.1	40481.4	43888.5	47295.6	51215.1
0.0	55°	10582.8	16358.9	22137.3	27913.3	33689.4	37112.1	40534.7	43957.3	47379.9	51534.5
0.0	57.5°	9369.5	15099.0	20826.3	26555.8	32283.1	36180.4	40075.5	43972.8	47867.9	52359.7
0.0	60°	7969.9	13701.6	19431.1	25162.8	30892.3	35381.9	39873.7	44363.2	48852.8	53060.6
0.0	62.5°	6217.5	12113.4	18011.5	23907.3	29803.2	34361.5	38919.9	43476.0	48034.3	51190.7
0.0	65°	4633.7	10358.8	16083.9	21806.7	27531.8	31182.9	34834.0	38482.9	42134.0	44088.2
0.0	67.5°	3349.4	8287.1	13222.5	18160.1	23095.5	25708.5	28321.5	30932.3	33545.3	35040.3
	70°	2264.7	5685.1	9103.3	12523.7	15941.9	18089.1	20238.5	22385.7	24532.9	26551.4
	72.5°	1568.2	3489.2	5412.3	7333.2	9254.2	11414.7	13572.9	15733.4	17891.7	20027.8
	75°	1040.3	1914.3	2790.4	3664.4	4538.4	6137.7	7739.2	9338.5	10937.8	12211.0
	77.5°	738.6	1000.4	1264.4	1526.1	1787.8	2087.3	2389.0	2688.4	2987.9	3442.6
	80°	350.5	383.7	417.0	448.1	481.3	590.0	698.7	807.4	916.1	1031.4
	82.5°	166.4	179.7	193.0	204.1	217.4	228.5	239.6	250.7	261.7	250.7
	85°	44.4	44.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	44.4
	87.5°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	17.7	17.7	15.5
	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: P1048881

CATALOG NUMBER: GALN-SA9A-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
128.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
255.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
386.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
925.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2400.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5090.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7854.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10656.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12903.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15096.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17179.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19604.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23754.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30907.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41743.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50112.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54125.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55134.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55691.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56851.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57266.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54349.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46044.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36537.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28567.7											
22163.9											
13484.2											
3897.3											
1146.8											
237.3											
42.1											
15.5											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048881

CATALOG NUMBER: GALN-SA9A-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7
0.0	2.5°	144.2	142.0	139.7	137.5	135.3	130.9	130.9	128.7	128.7
0.0	5°	157.5	155.3	153.1	150.8	150.8	148.6	146.4	146.4	144.2
0.0	7.5°	179.7	177.5	175.2	173.0	173.0	170.8	170.8	168.6	168.6
0.0	10°	206.3	206.3	206.3	206.3	206.3	204.1	204.1	204.1	201.9
0.0	12.5°	259.5	261.7	266.2	270.6	277.3	277.3	277.3	275.1	275.1
0.0	15°	410.4	434.8	452.5	470.3	485.8	521.3	516.8	510.2	505.7
0.0	17.5°	1038.1	1149.0	1208.9	1266.6	1326.5	1490.6	1464.0	1437.4	1413.0
0.0	20°	2690.6	2981.2	3174.2	3367.2	3562.4	3870.7	3795.3	3719.9	3644.4
0.0	22.5°	5756.1	6423.8	6714.4	7005.0	7293.3	7666.0	7424.2	7182.4	6942.8
0.0	25°	8719.6	9586.9	10077.1	10567.3	11055.3	11268.3	10953.3	10636.1	10321.1
0.0	27.5°	11636.5	12616.9	13049.4	13479.8	13912.3	14358.2	13967.8	13575.1	13184.8
0.0	30°	13974.4	15045.8	15513.8	15979.6	16447.7	16758.2	16354.5	15948.6	15544.9
0.0	32.5°	16268.0	17439.2	17951.6	18464.0	18974.2	19420.0	18923.1	18424.0	17927.2
0.0	35°	18515.0	19852.5	20557.9	21263.3	21968.7	22383.5	21793.4	21201.2	20611.2
0.0	37.5°	21256.6	22909.2	23698.8	24488.5	25278.2	26034.6	25384.6	24732.5	24082.6
0.0	40°	26085.6	28416.9	29628.0	30841.3	32052.4	33028.4	32207.7	31387.0	30566.3
0.0	42.5°	34235.1	37562.3	39303.6	41042.6	42783.9	44307.8	43444.9	42582.0	41719.2
0.0	45°	46171.0	50598.5	52721.3	54841.8	56964.6	58078.1	56835.9	55591.6	54349.4
0.0	47.5°	54520.2	58929.9	60819.8	62709.6	64599.5	65870.5	64351.1	62831.6	61314.4
0.0	50°	58317.7	62512.2	64408.8	66303.1	68199.6	69208.9	67454.3	65697.5	63942.9
0.0	52.5°	59051.9	62971.4	65233.9	67498.7	69761.2	71109.8	69038.1	66964.1	64892.3
0.0	55°	59846.0	64000.6	66624.7	69251.0	71875.1	73742.8	71400.4	69055.8	66713.4
0.0	57.5°	61341.0	65832.8	68450.2	71065.5	73682.9	75268.9	72919.8	70568.6	68219.6
0.0	60°	61474.1	65679.8	67929.0	70180.4	72429.6	73427.8	71180.8	68931.6	66684.6
0.0	62.5°	57505.8	60662.3	62223.9	63785.4	65347.0	66431.7	64087.1	61740.3	59395.7
0.0	65°	47998.8	49953.0	51197.4	52441.8	53686.2	54979.3	52832.2	50685.0	48537.8
0.0	67.5°	38032.6	39527.6	41166.9	42806.1	44445.3	45827.2	44108.1	42386.8	40667.8
	70°	30586.2	32602.5	34445.8	36289.1	38132.4	39263.7	37537.9	35810.0	34084.3
	72.5°	24300.0	26436.0	27975.5	29512.6	31052.0	31329.3	30060.5	28791.7	27525.2
	75°	14755.2	16028.4	16059.5	16088.3	16119.4	16383.3	15331.9	14280.5	13231.3
	77.5°	4352.0	4806.8	5181.6	5554.3	5929.1	6381.7	5995.7	5607.5	5221.6
	80°	1259.9	1375.3	1472.9	1568.2	1665.8	1608.2	1517.2	1426.3	1335.3
	82.5°	226.3	212.9	210.7	208.5	208.5	197.4	179.7	161.9	144.2
	85°	39.9	37.7	35.5	33.3	31.1	28.8	24.4	22.2	17.7
	87.5°	13.3	11.1	8.9	6.7	6.7	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: P1048881

CATALOG NUMBER: GALN-SA9A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048881

CATALOG NUMBER: GALN-SA9A-740-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°	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7	128.7
0.0	0.0	2.5°	126.4	124.2	124.2	124.2	124.2	122.0	122.0	122.0	122.0
0.0	0.0	5°	139.7	139.7	137.5	137.5	135.3	135.3	133.1	133.1	130.9
0.0	0.0	7.5°	164.1	161.9	159.7	157.5	155.3	150.8	148.6	146.4	146.4
0.0	0.0	10°	197.4	193.0	190.8	186.3	184.1	179.7	175.2	170.8	166.4
0.0	0.0	12.5°	259.5	250.7	244.0	235.1	226.3	219.6	210.7	204.1	195.2
0.0	0.0	15°	450.3	428.1	403.7	374.9	343.8	315.0	283.9	266.2	246.2
0.0	0.0	17.5°	1151.2	1035.9	918.3	822.9	727.6	634.4	539.0	470.3	401.5
0.0	0.0	20°	2930.2	2610.8	2291.4	1976.4	1659.2	1344.2	1027.0	867.3	707.6
0.0	0.0	22.5°	5514.3	4922.1	4327.6	3753.1	3176.4	2601.9	2027.4	1665.8	1306.5
0.0	0.0	25°	8511.1	7765.8	7020.5	6075.5	5128.4	4183.5	3238.5	2650.7	2062.9
0.0	0.0	27.5°	11075.3	10216.9	9358.4	8209.4	7060.4	5911.4	4762.4	3886.2	3012.3
0.0	0.0	30°	13295.7	12372.9	11450.1	10112.6	8775.0	7437.5	6099.9	5004.2	3908.4
0.0	0.0	32.5°	15221.0	14116.4	13011.7	11632.0	10252.3	8872.6	7492.9	6148.7	4804.5
0.0	0.0	35°	17441.4	16152.7	14861.7	13331.2	11798.4	10267.9	8737.3	7220.1	5700.7
0.0	0.0	37.5°	20262.9	18681.4	17097.6	15391.8	13686.1	11982.5	10276.7	8542.1	6807.5
0.0	0.0	40°	25664.1	23623.4	21582.7	19415.6	17246.2	15079.1	12911.9	10782.5	8653.0
0.0	0.0	42.5°	35342.0	32584.8	29827.6	26944.0	24058.2	21174.6	18288.7	15285.4	12279.7
0.0	0.0	45°	46264.2	42843.8	39421.2	36184.9	32946.4	29710.1	26473.8	22352.4	18231.1
0.0	0.0	47.5°	52406.3	48713.0	45019.8	41956.5	38893.2	35830.0	32766.7	28323.7	23880.7
0.0	0.0	50°	54666.6	50906.8	47147.0	44327.7	41506.2	38687.0	35865.5	31415.8	26964.0
0.0	0.0	52.5°	55147.9	51312.7	47477.5	44640.5	41803.5	38968.7	36131.6	31710.8	27290.0
0.0	0.0	55°	56137.2	52022.5	47905.6	44671.6	41437.5	38203.4	34969.3	30477.5	25985.8
0.0	0.0	57.5°	57430.4	53211.5	48992.5	45308.2	41623.8	37941.7	34257.3	29346.3	24435.3
0.0	0.0	60°	57091.0	53420.0	49746.7	45800.6	41852.3	37906.2	33957.8	28556.6	23153.2
0.0	0.0	62.5°	51199.6	48276.1	45350.3	42105.1	38857.8	35612.6	32367.4	26806.5	21245.6
0.0	0.0	65°	42120.7	39986.8	37852.9	35242.1	32629.2	30018.4	27407.6	22421.2	17437.0
0.0	0.0	67.5°	34137.5	31733.0	29326.3	27245.7	25162.8	23082.2	20999.3	17075.4	13151.5
		70°	27121.5	24506.2	21888.8	19857.0	17822.9	15791.1	13759.3	11150.7	8544.4
		72.5°	21538.3	19180.4	16822.5	14655.4	12486.0	10318.9	8149.5	6607.9	5066.3
		75°	10294.5	9351.8	8409.0	7275.6	6142.1	5008.6	3875.1	3203.0	2533.1
		77.5°	3815.2	3307.3	2797.1	2335.7	1874.3	1415.2	953.8	874.0	794.1
		80°	987.1	860.6	732.0	641.0	547.9	456.9	366.0	330.5	297.2
		82.5°	113.1	104.3	97.6	93.2	86.5	82.1	75.4	68.8	62.1
		85°	6.7	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048881

CATALOG NUMBER: GALN-SA9A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048881

CATALOG NUMBER: GALN-SA9A-740-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	128.7	128.7
0.0	0.0	2.5°	119.8	117.6
0.0	0.0	5°	126.4	124.2
0.0	0.0	7.5°	139.7	135.3
0.0	0.0	10°	153.1	148.6
0.0	0.0	12.5°	173.0	166.4
0.0	0.0	15°	195.2	181.9
0.0	0.0	17.5°	232.9	204.1
0.0	0.0	20°	315.0	241.8
0.0	0.0	22.5°	443.6	301.7
0.0	0.0	25°	652.1	417.0
0.0	0.0	27.5°	907.2	554.5
0.0	0.0	30°	1206.7	694.3
0.0	0.0	32.5°	1470.6	827.4
0.0	0.0	35°	1814.5	962.7
0.0	0.0	37.5°	2238.1	1135.7
0.0	0.0	40°	2894.7	1397.4
0.0	0.0	42.5°	4077.0	1881.0
0.0	0.0	45°	6621.2	3251.8
0.0	0.0	47.5°	10188.0	5379.0
0.0	0.0	50°	12463.8	6865.2
0.0	0.0	52.5°	12650.2	6854.1
0.0	0.0	55°	11547.7	6093.3
0.0	0.0	57.5°	9853.1	5092.9
0.0	0.0	60°	8189.5	4028.2
0.0	0.0	62.5°	6452.6	2781.6
0.0	0.0	65°	4715.8	1967.5
0.0	0.0	67.5°	3387.1	1470.6
		70°	2227.0	1126.8
		72.5°	1450.7	918.3
		75°	976.0	760.8
		77.5°	570.1	505.7
		80°	201.9	177.5
		82.5°	37.7	26.6
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1048881

CATALOG NUMBER: GALN-SA9A-740-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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

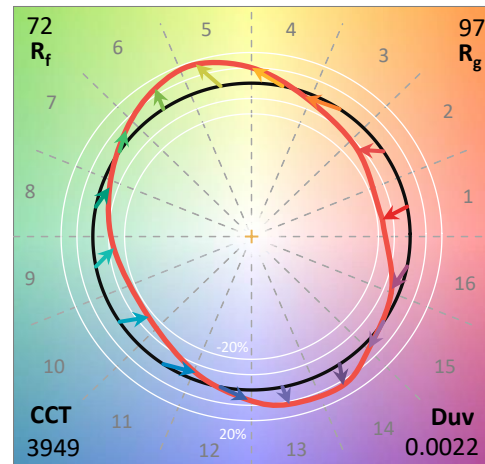
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

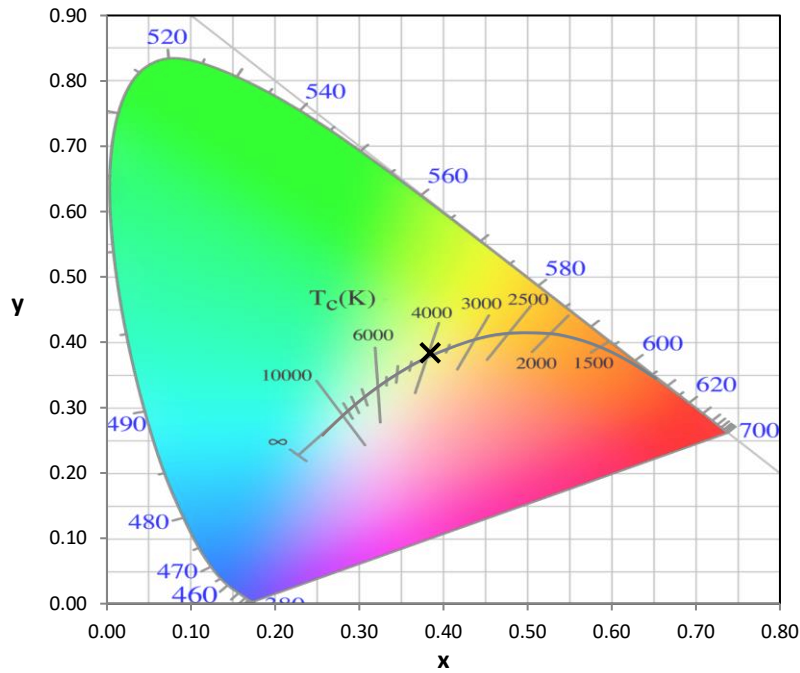
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

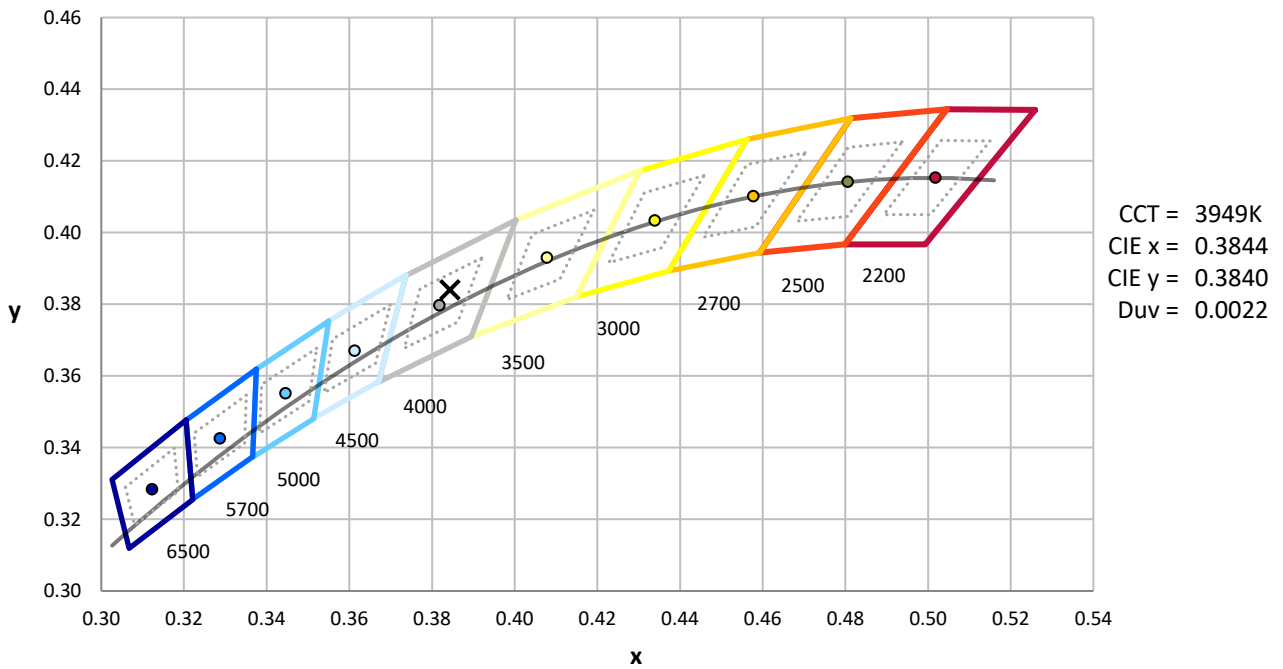
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



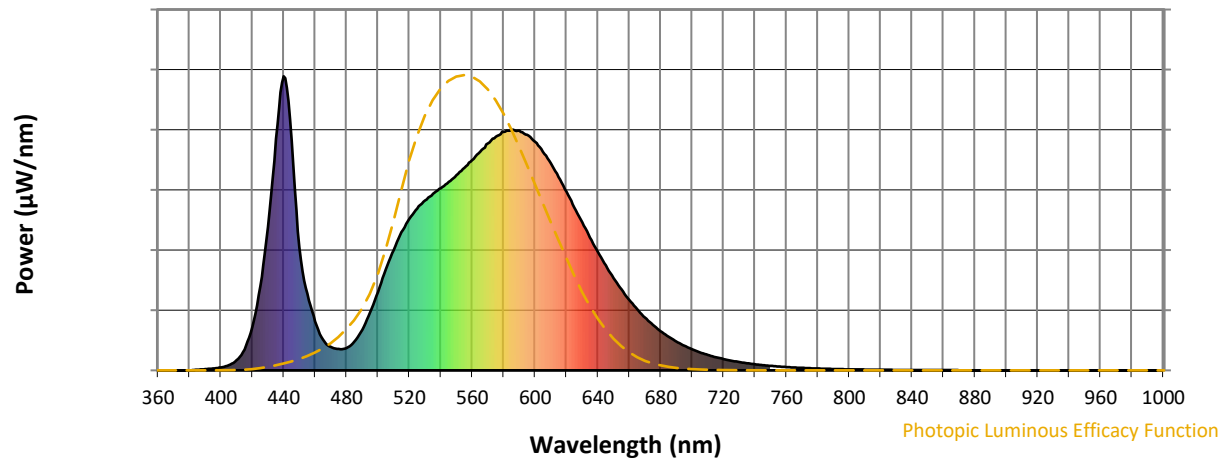
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

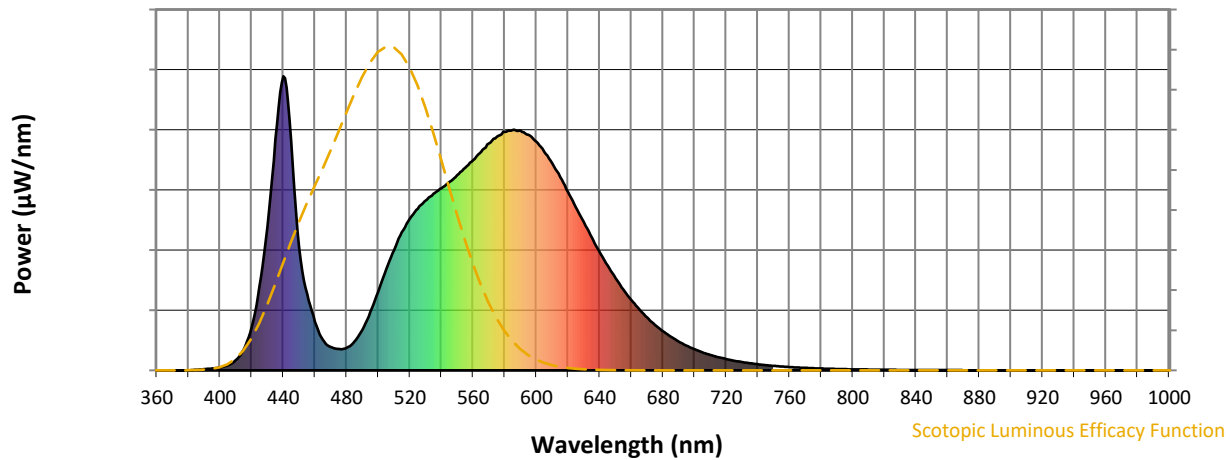


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength



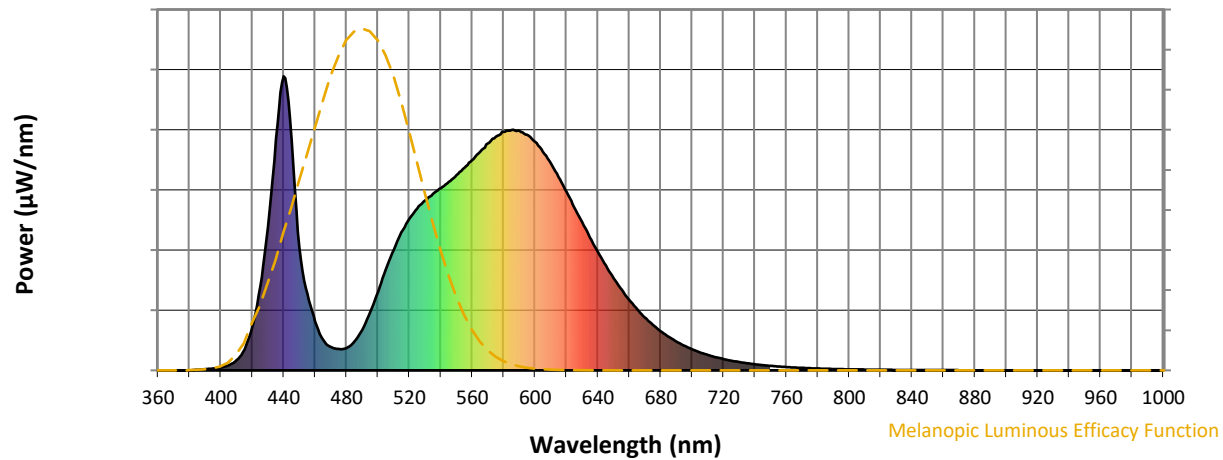
Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

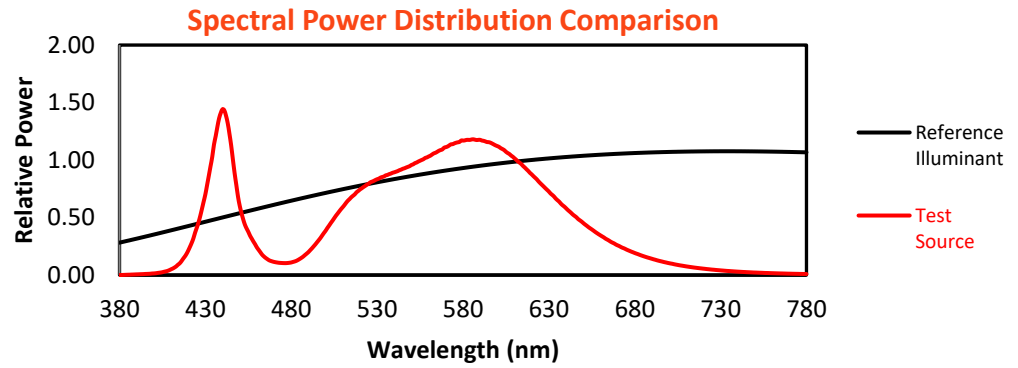
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

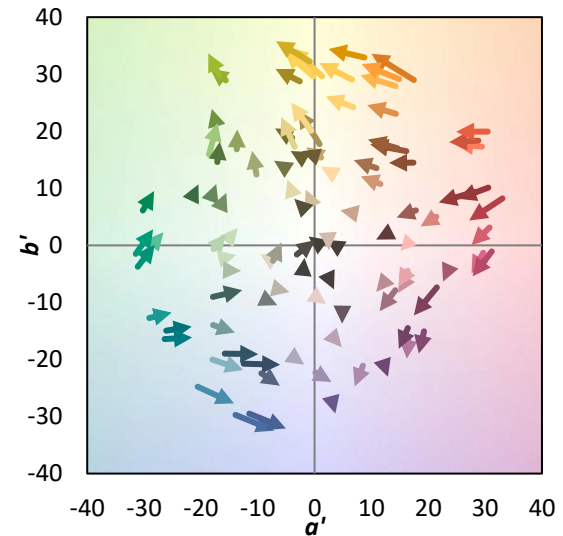
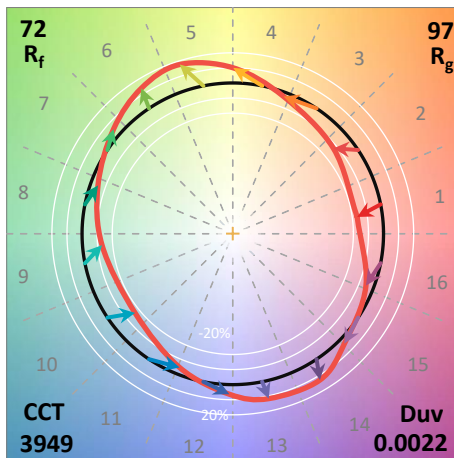
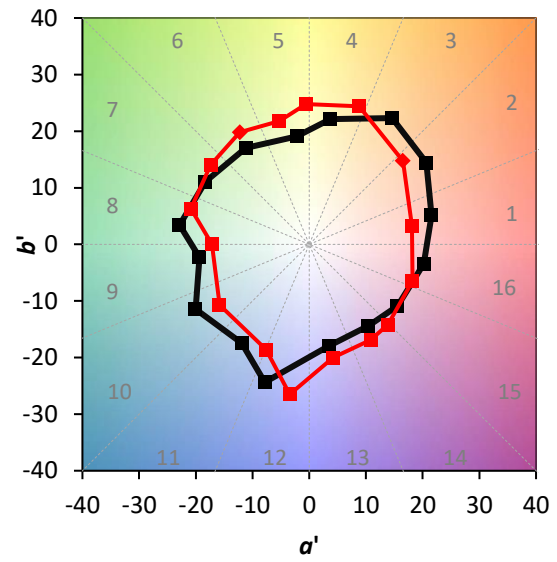
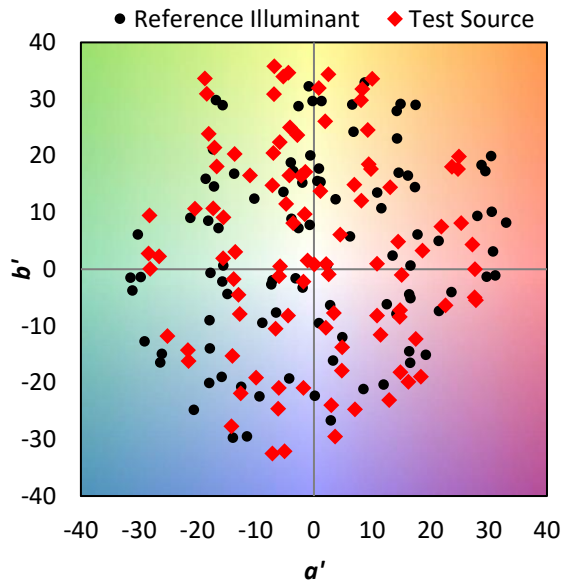
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 $CIE R_a = 70.7$
 $R_g = -36.7$

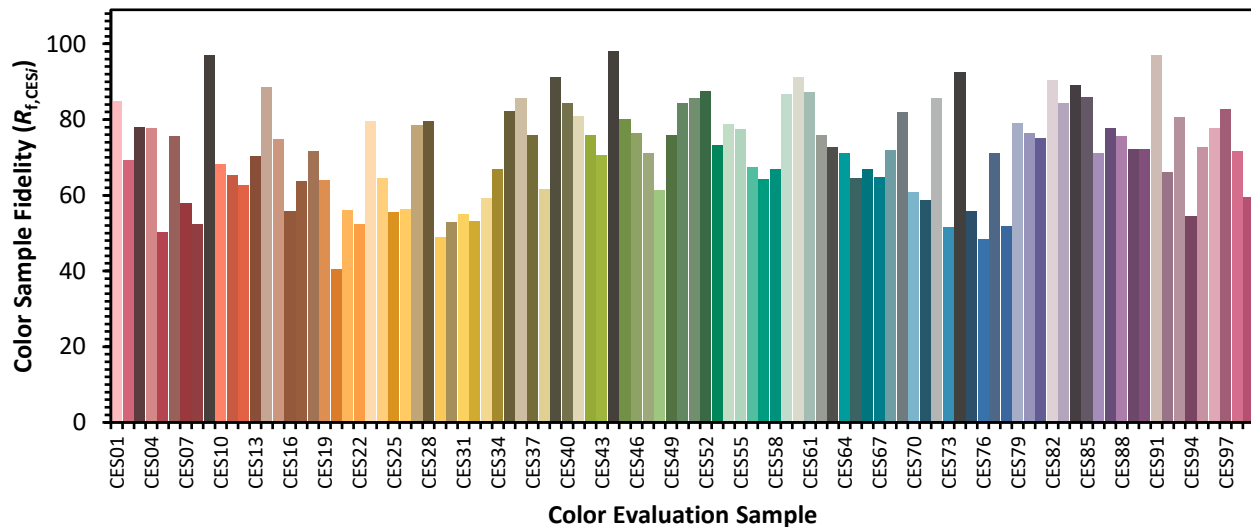


Color Vector Graphics

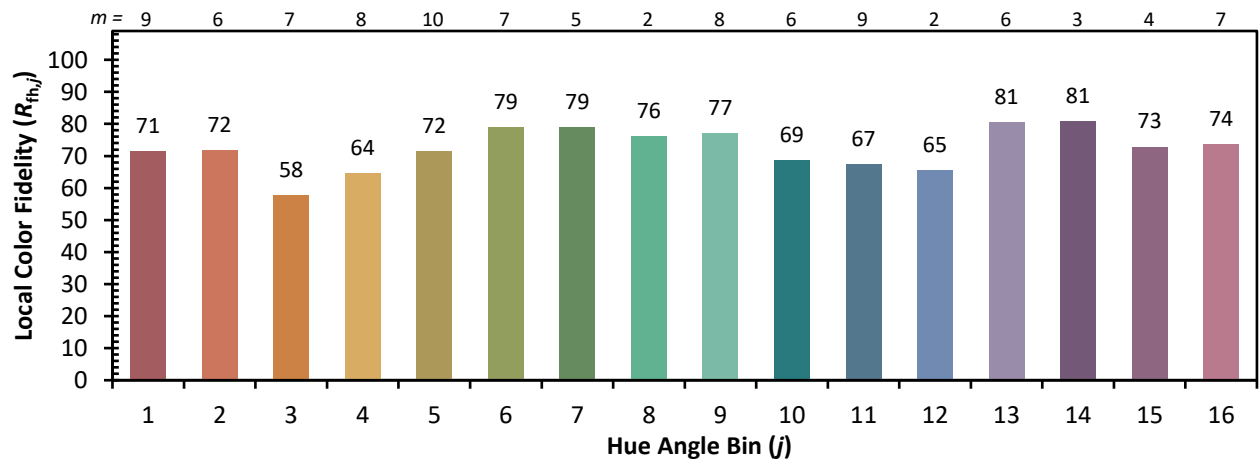
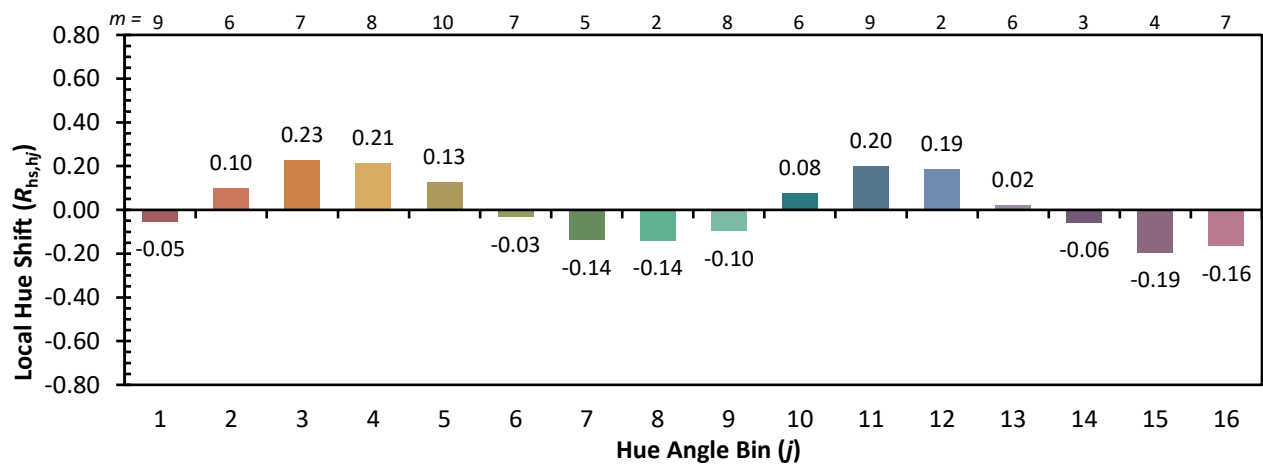
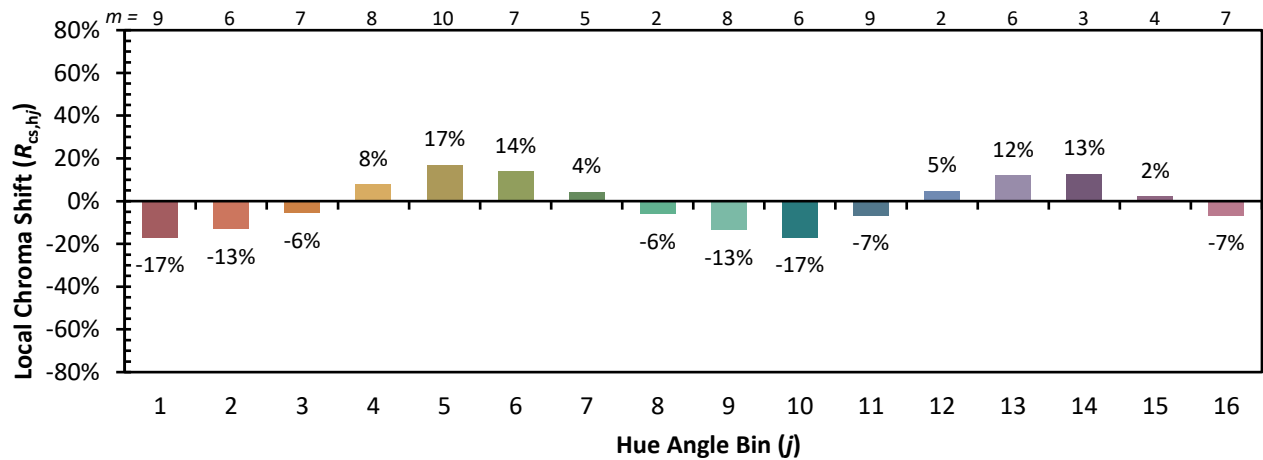


Individual Sample Fidelity Index ($R_{f,i}$)

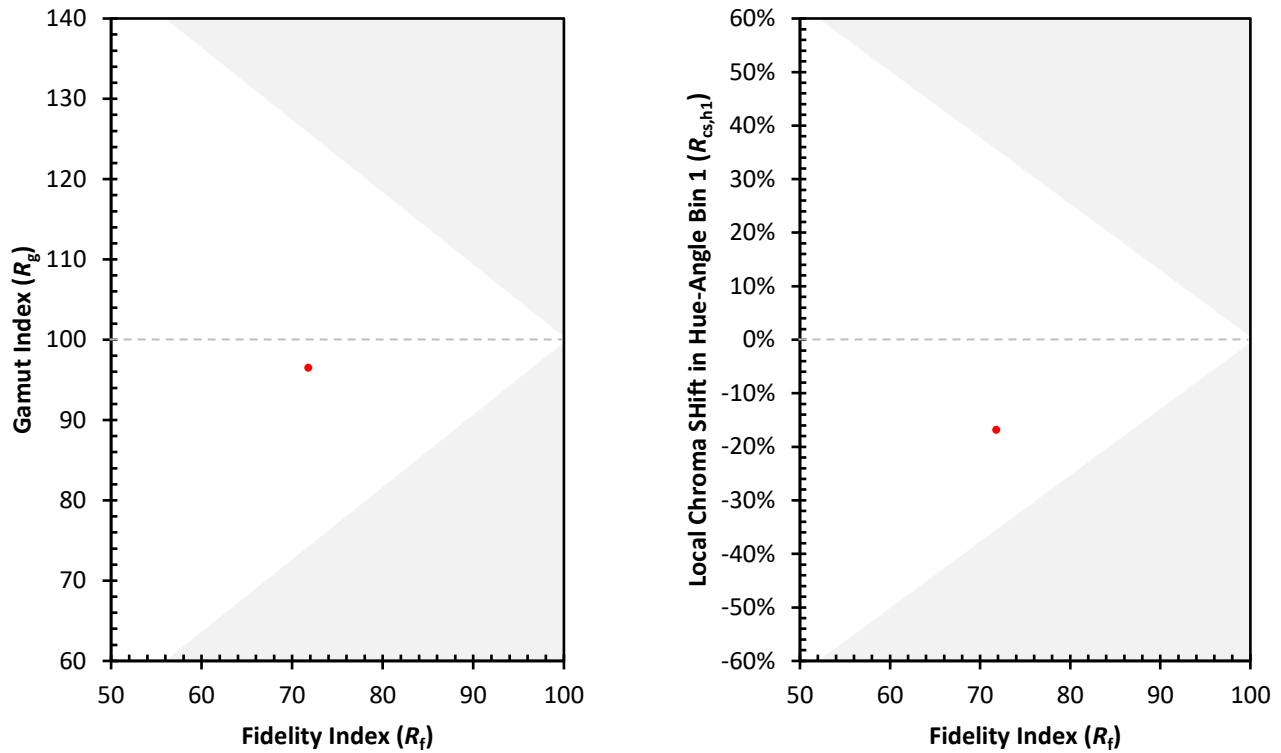
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)