

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: P1048851

Luminaire Tested: **GALN-SA1C-740-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048851
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-740-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
70CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (14) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5189.5 lumens
Efficiency: N/A
Efficacy: 103.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 50.2
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

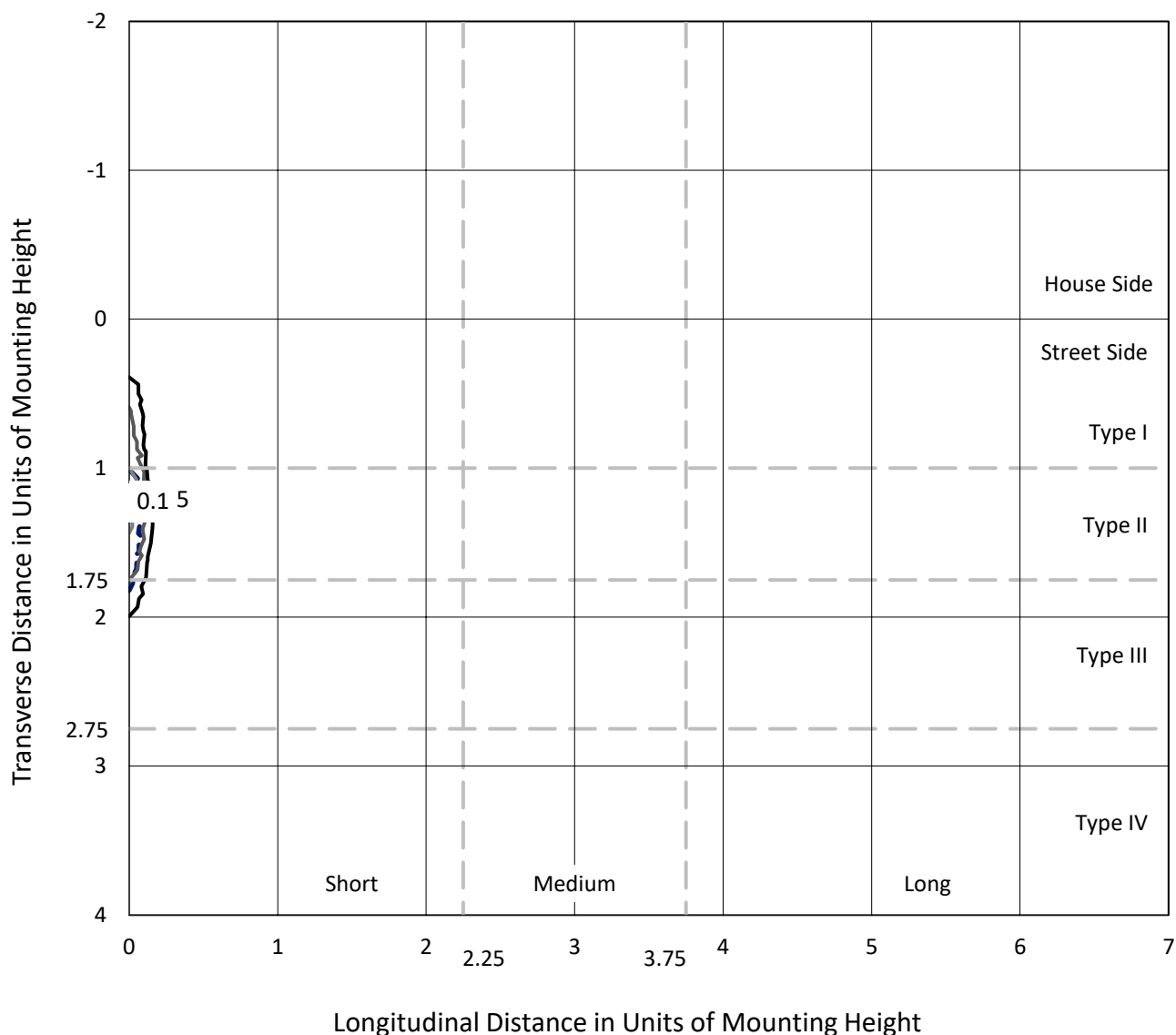
REPORT NUMBER: P1048851

CATALOG NUMBER: GALN-SA1C-740-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

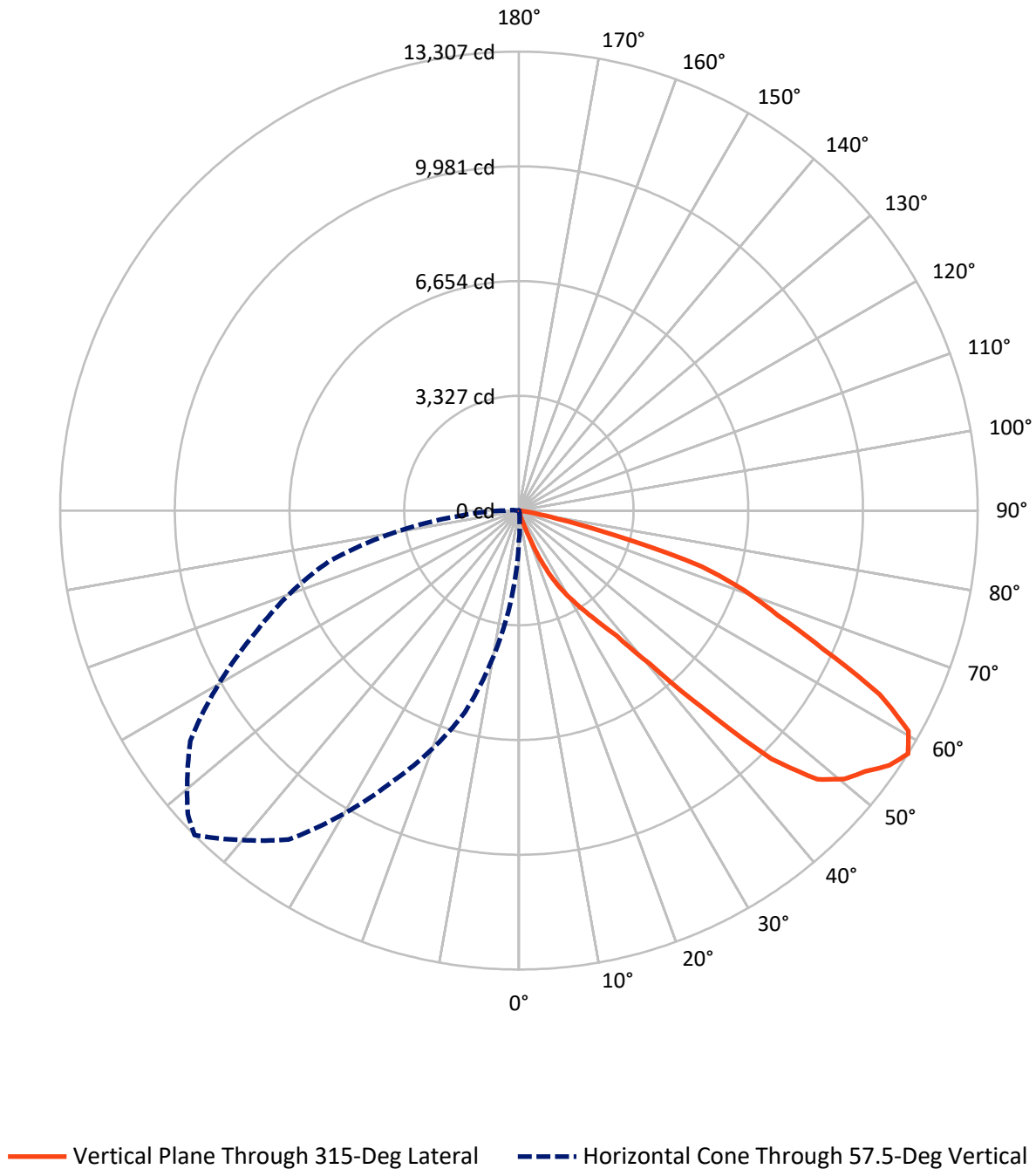


Based on 20 foot mounting height. Maximum calculated value = 0.8 fc

Type III - Short - N/A

REPORT NUMBER: P1048851
CATALOG NUMBER: GALN-SA1C-740-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048851

CATALOG NUMBER: GALN-SA1C-740-U-RBC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	26.0	0.0	26.0
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	5163.5	0.0	5163.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	5189.5	0.0	5189.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.0	0.0
10°-20°	11.4	0.2
20°-30°	123.0	2.4
30°-40°	363.7	7.0
40°-50°	1083.9	20.9
50°-60°	1718.6	33.1
60°-70°	1434.7	27.6
70°-80°	442.4	8.5
80°-90°	9.8	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5189.5	100.0
0°-180°	5189.5	100.0

Coefficient of Utilization



REPORT NUMBER: P1048851

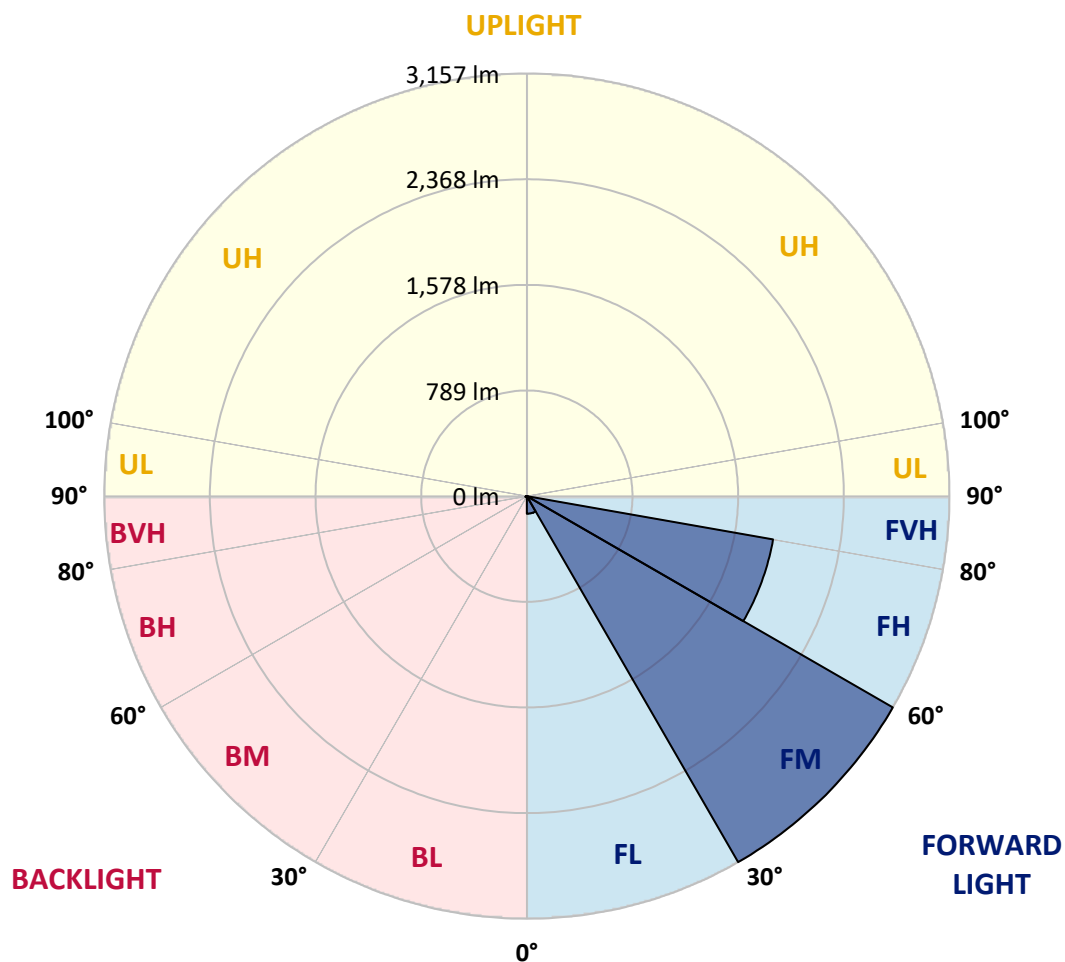
CATALOG NUMBER: GALN-SA1C-740-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	131.6	2.5			
FM	(30°-60°)	3156.9	60.8			
FH	(60°-80°)	1867.4	36.0			G2/5000
FVH	(80°-90°)	7.6	0.1			G0/10
BL	(0°-30°)	4.8	0.1	B0/110		
BM	(30°-60°)	9.3	0.2	B0/220		
BH	(60°-80°)	9.7	0.2	B0/110		G0/110
BVH	(80°-90°)	2.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short



REPORT NUMBER: P1048851

CATALOG NUMBER: GALN-SA1C-740-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
2.5°	20.8	20.8	20.8	20.8	20.4	20.4	20.0	20.0	19.6	19.6
5°	22.0	22.0	21.6	21.2	21.2	20.8	20.4	20.0	20.0	19.6
7.5°	23.9	23.5	23.1	22.7	22.0	21.6	20.8	20.4	20.0	19.2
10°	26.3	25.5	24.7	23.9	23.1	22.4	21.6	21.2	20.4	20.0
12.5°	29.4	28.2	26.7	25.5	24.7	23.5	22.7	22.0	20.8	20.0
15°	32.2	30.6	28.6	27.1	25.9	24.3	23.1	22.0	21.2	20.0
17.5°	36.1	33.3	30.2	28.2	26.7	24.7	22.7	21.6	20.4	18.8
20°	42.7	37.3	31.4	29.0	26.7	24.3	22.0	20.4	19.2	17.6
22.5°	53.3	43.9	34.5	31.0	27.8	24.3	21.2	19.6	18.0	16.5
25°	73.7	56.9	40.0	35.3	30.6	25.9	21.2	19.2	17.6	15.7
27.5°	98.0	72.9	47.5	40.8	34.5	27.8	21.2	18.8	16.9	14.5
30°	122.7	89.4	55.7	47.1	38.4	29.8	21.2	18.4	16.1	13.3
32.5°	146.3	104.7	62.7	52.6	42.4	31.8	21.6	18.4	15.3	12.2
35°	170.2	117.3	63.9	53.3	42.7	31.8	21.2	17.6	14.5	11.0
37.5°	200.8	131.4	61.6	51.0	40.8	30.2	20.0	16.9	13.7	10.2
40°	247.1	154.9	62.7	51.8	40.8	29.8	18.8	15.7	12.9	9.8
42.5°	332.6	200.4	67.8	55.3	42.7	29.8	17.3	14.5	12.2	9.4
45°	574.9	333.0	91.0	72.2	53.3	34.5	15.7	13.3	11.4	9.0
47.5°	951.0	557.3	163.5	126.3	89.4	52.2	15.3	13.3	11.4	9.0
50°	1213.8	709.8	205.9	158.4	111.0	63.5	16.1	13.7	11.8	9.4
52.5°	1211.8	720.8	229.4	176.1	123.1	69.8	16.9	14.5	12.5	10.2
55°	1077.3	655.7	233.7	179.6	125.9	71.8	18.0	15.7	13.3	11.0
57.5°	900.4	556.9	213.3	165.1	117.3	69.0	20.8	18.0	15.7	12.9
60°	712.2	439.2	166.3	131.4	96.9	62.0	27.5	23.9	20.8	17.3
62.5°	491.8	318.4	145.1	116.5	88.2	59.6	31.4	27.8	24.7	21.2
65°	347.9	239.6	131.0	106.7	82.7	58.4	34.1	30.2	26.7	22.7
67.5°	260.0	190.6	120.8	100.0	79.2	58.4	37.6	32.9	28.6	23.9
70°	199.2	156.5	113.3	96.5	80.0	63.1	46.3	39.6	33.3	26.7
72.5°	162.4	133.7	104.7	92.6	80.4	68.2	56.1	47.5	38.8	29.8
75°	134.5	114.5	94.5	84.3	74.5	64.3	54.1	46.3	38.8	31.0
77.5°	89.4	81.6	73.3	67.5	61.6	55.3	49.4	42.7	36.5	29.8
80°	31.4	30.2	29.0	31.4	33.7	36.1	38.4	33.7	29.4	24.7
82.5°	4.7	4.3	3.9	4.3	4.7	5.1	5.5	5.9	6.3	6.7
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: P1048851

CATALOG NUMBER: GALN-SA1C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048851

CATALOG NUMBER: GALN-SA1C-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°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
0.0	2.5°	19.2	19.2	18.8	18.8	18.8	18.4	18.4	18.0	18.0	18.0
0.0	5°	18.8	18.8	18.4	18.0	17.6	17.6	17.3	16.9	16.9	16.5
0.0	7.5°	18.4	18.0	17.6	17.3	16.9	16.5	16.1	15.7	15.7	15.3
0.0	10°	18.8	18.0	17.6	16.9	16.5	16.1	15.3	14.9	14.5	14.5
0.0	12.5°	18.0	17.6	16.9	16.1	15.7	14.9	14.5	13.7	13.3	13.3
0.0	15°	18.0	17.3	16.1	15.3	14.5	14.1	13.3	12.5	12.2	11.8
0.0	17.5°	16.9	16.1	14.9	14.1	13.3	12.5	11.8	11.0	10.6	10.2
0.0	20°	15.3	14.5	13.3	12.2	11.4	10.6	9.8	9.0	8.6	8.2
0.0	22.5°	13.7	12.9	11.8	10.6	9.8	9.0	7.8	7.1	6.7	5.9
0.0	25°	12.9	11.8	10.6	9.4	8.2	7.5	6.3	5.1	4.3	3.5
0.0	27.5°	11.0	9.8	8.6	7.5	6.3	5.1	3.9	2.7	2.0	1.6
0.0	30°	9.4	8.2	7.1	5.9	4.3	3.1	2.0	0.4	0.4	0.4
0.0	32.5°	7.8	6.7	5.1	3.9	3.1	2.0	1.2	0.0	0.0	0.0
0.0	35°	6.3	5.1	3.5	2.4	2.0	1.2	0.8	0.0	0.0	0.0
0.0	37.5°	5.5	4.3	2.7	1.2	0.8	0.8	0.4	0.0	0.0	0.0
0.0	40°	5.1	3.5	2.0	0.4	0.4	0.4	0.0	0.0	0.0	0.0
0.0	42.5°	5.1	3.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	5.1	3.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	5.1	3.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	5.5	3.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	6.3	4.7	3.1	1.6	1.2	0.8	0.4	0.0	0.0	0.0
0.0	55°	7.8	7.1	5.9	5.1	3.9	2.7	1.2	0.0	0.0	0.0
0.0	57.5°	10.2	10.2	9.8	9.4	7.1	4.7	2.4	0.0	0.0	0.0
0.0	60°	13.7	13.7	13.7	13.7	10.2	7.1	3.5	0.0	0.0	0.0
0.0	62.5°	16.9	16.1	14.9	14.1	10.6	7.1	3.5	0.0	0.0	0.0
0.0	65°	16.9	15.3	13.3	11.4	8.6	5.9	2.7	0.0	0.0	0.0
0.0	67.5°	15.7	12.5	9.0	5.9	4.3	3.1	1.6	0.0	0.0	0.0
	70°	15.7	11.0	6.3	1.6	1.2	0.8	0.4	0.0	0.0	0.0
	72.5°	15.7	10.6	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	17.3	11.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	17.3	11.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	15.3	10.2	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	5.1	3.5	1.6	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

CATALOG NUMBER: GALN-SA1C-740-U-RBC

[illegible]

REPORT NUMBER: P1048851

CATALOG NUMBER: GALN-SA1C-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°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
0.0	2.5°	17.6	17.6	17.6	17.3	17.3	17.3	17.3	16.9	16.9	16.9
0.0	5°	16.1	16.1	15.7	15.7	15.3	15.3	14.9	14.9	14.5	14.5
0.0	7.5°	14.9	14.5	14.5	14.1	13.7	13.7	13.3	13.3	12.9	12.5
0.0	10°	13.7	13.3	13.3	12.9	12.5	12.2	12.2	11.8	11.4	11.0
0.0	12.5°	12.5	12.2	11.8	11.4	11.0	10.6	10.6	10.2	9.8	9.4
0.0	15°	11.0	10.6	10.2	9.8	9.4	9.0	9.0	8.6	8.2	7.8
0.0	17.5°	9.4	9.0	9.0	8.6	8.2	7.8	7.5	6.7	6.3	5.9
0.0	20°	7.1	6.7	6.3	5.9	5.5	4.7	4.3	3.5	2.7	2.4
0.0	22.5°	4.7	3.9	3.5	2.7	2.0	1.6	1.2	0.4	0.0	0.0
0.0	25°	1.6	1.2	0.8	0.4	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: P1048851

CATALOG NUMBER: GALN-SA1C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048851

CATALOG NUMBER: GALN-SA1C-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°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
0.0	2.5°	16.5	16.5	16.5	16.1	16.1	16.1	16.1	16.1	16.1	16.1
0.0	5°	14.1	14.1	14.1	13.7	13.7	13.3	13.3	13.3	12.9	12.9
0.0	7.5°	12.2	11.8	11.8	11.4	11.4	11.0	11.0	11.0	10.6	10.6
0.0	10°	10.2	9.8	9.8	9.4	9.4	9.0	9.0	8.6	8.6	8.2
0.0	12.5°	9.0	8.6	8.2	7.8	7.8	7.5	7.1	7.1	6.7	6.3
0.0	15°	7.1	6.7	6.3	5.9	5.5	5.1	4.7	4.7	4.3	3.9
0.0	17.5°	4.7	3.9	3.5	3.1	3.1	2.7	2.4	2.0	1.6	1.2
0.0	20°	1.2	0.8	0.4	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



REPORT NUMBER: P1048851

CATALOG NUMBER: GALN-SA1C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048851

CATALOG NUMBER: GALN-SA1C-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°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
0.0	2.5°	16.1	15.7	15.7	15.7	16.1	16.1	16.1	16.1	16.1	16.1
0.0	5°	12.9	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
0.0	7.5°	10.6	10.2	10.2	10.2	10.2	9.8	9.8	9.8	9.8	9.8
0.0	10°	8.2	7.8	7.8	7.8	7.8	7.5	7.5	7.5	7.5	7.5
0.0	12.5°	5.9	5.9	5.5	5.5	5.5	5.1	5.1	5.1	5.1	4.7
0.0	15°	3.5	3.1	2.7	2.7	2.7	2.4	2.4	2.4	2.4	2.0
0.0	17.5°	0.8	0.8	0.4	0.4	0.4	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



REPORT NUMBER: P1048851

CATALOG NUMBER: GALN-SA1C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1048851

CATALOG NUMBER: GALN-SA1C-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°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
0.0	2.5°	16.5	16.5	16.9	16.9	17.3	18.0	18.4	18.8	19.6	20.4
0.0	5°	12.9	13.3	13.3	13.7	14.1	14.5	14.9	15.3	16.1	16.9
0.0	7.5°	10.2	10.2	10.6	10.6	11.0	11.8	12.2	12.5	13.3	14.5
0.0	10°	7.8	7.8	8.2	8.2	8.6	9.4	9.8	10.2	11.0	12.2
0.0	12.5°	5.1	5.5	5.5	5.9	6.3	7.1	7.5	7.8	8.6	9.4
0.0	15°	2.4	2.7	2.7	3.1	3.5	4.3	4.7	5.1	5.9	7.1
0.0	17.5°	0.4	0.4	0.8	0.8	1.2	1.6	2.0	2.4	3.5	4.3
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048851

CATALOG NUMBER: GALN-SA1C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048851

CATALOG NUMBER: GALN-SA1C-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°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
0.0	2.5°	21.6	22.4	23.1	23.9	24.7	25.5	25.9	26.7	27.1	27.5
0.0	5°	18.4	19.2	20.4	21.2	22.0	22.7	23.5	23.9	24.3	24.7
0.0	7.5°	16.1	16.9	18.0	18.8	19.6	20.4	21.2	22.0	22.4	22.7
0.0	10°	13.7	14.9	15.7	16.9	17.6	18.4	19.2	20.0	20.8	21.2
0.0	12.5°	11.0	12.2	13.3	14.1	15.3	16.5	17.3	18.0	18.8	19.6
0.0	15°	8.6	9.8	11.0	11.8	12.9	14.1	15.3	16.1	16.9	17.6
0.0	17.5°	6.3	7.5	8.6	9.4	10.6	11.8	12.5	13.7	14.5	15.3
0.0	20°	3.1	4.3	5.5	6.7	7.8	9.0	9.8	11.0	11.8	12.5
0.0	22.5°	0.4	1.6	2.7	3.5	4.7	5.9	6.7	7.8	8.6	9.4
0.0	25°	0.0	0.4	1.2	1.6	2.0	2.7	3.5	4.3	5.1	5.9
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.6	2.4	3.1
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
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	0.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.8
	85°	0.0	0.0	0.0	0.0	0.0	0.8	1.2	2.0	2.4	2.7
	87.5°	0.0	0.4	0.8	1.2	1.6	2.4	3.1	3.9	4.3	4.7
	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: P1048851

CATALOG NUMBER: GALN-SA1C-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
22.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	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											
0.4											
1.6											
3.5											
5.1											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048851

CATALOG NUMBER: GALN-SA1C-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°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
0.0	2.5°	27.8	27.8	27.8	27.8	27.5	27.5	27.5	27.1	27.1	26.7
0.0	5°	25.5	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.5	25.5
0.0	7.5°	23.5	23.9	24.3	24.3	24.7	24.7	24.7	24.3	24.3	23.9
0.0	10°	22.4	22.7	22.7	23.1	23.1	23.1	23.1	23.1	23.1	23.1
0.0	12.5°	20.8	21.2	21.6	21.6	22.0	22.0	22.0	22.0	21.6	21.6
0.0	15°	18.8	19.6	20.0	20.4	20.4	20.8	20.8	20.8	20.8	20.8
0.0	17.5°	17.3	18.0	18.4	18.8	18.8	19.2	19.2	19.6	19.6	19.6
0.0	20°	14.1	14.9	15.3	16.1	16.5	16.9	17.3	17.6	17.6	18.0
0.0	22.5°	11.0	11.8	12.2	12.9	13.3	13.7	14.1	14.5	14.9	15.3
0.0	25°	7.8	8.6	9.0	9.8	10.2	10.6	11.0	11.4	11.4	11.8
0.0	27.5°	4.3	5.1	5.9	6.3	7.1	7.5	7.8	8.2	8.6	9.0
0.0	30°	2.0	2.4	2.7	3.5	3.9	4.3	4.7	5.5	5.9	6.3
0.0	32.5°	0.0	0.0	0.4	1.2	1.6	2.0	2.4	2.7	2.7	3.1
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.2	1.6
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°	0.8	0.8	0.8	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	82.5°	2.0	2.4	2.7	2.7	3.1	3.1	3.1	3.1	2.7	2.7
	85°	3.9	4.3	4.7	4.7	5.1	5.1	5.1	5.1	5.1	5.1
	87.5°	5.5	5.9	6.3	6.3	6.7	6.7	6.7	6.7	6.7	6.7
	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: P1048851

CATALOG NUMBER: GALN-SA1C-740-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
22.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.4	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
3.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.2											
2.7											
5.1											
6.7											
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: P1048851

CATALOG NUMBER: GALN-SA1C-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°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
0.0	2.5°	26.3	26.3	25.9	25.9	25.9	25.9	25.9	26.3	26.7	26.7
0.0	5°	25.1	25.1	24.7	24.7	24.7	25.1	25.1	25.5	25.9	26.3
0.0	7.5°	23.9	23.5	23.5	23.9	23.9	24.3	24.3	24.7	25.1	25.5
0.0	10°	23.1	22.7	22.7	22.7	23.1	23.1	23.5	23.9	24.3	24.7
0.0	12.5°	21.6	21.6	21.6	21.6	22.0	22.0	22.4	22.7	23.5	23.9
0.0	15°	20.8	20.4	20.4	20.4	20.4	20.8	20.8	21.6	22.4	22.7
0.0	17.5°	19.2	19.2	18.8	18.8	19.2	19.2	19.6	20.4	21.2	21.6
0.0	20°	17.6	17.3	16.9	16.9	17.3	17.3	17.6	18.4	19.2	19.6
0.0	22.5°	15.3	14.9	14.9	14.9	14.9	15.3	15.3	16.1	17.3	18.0
0.0	25°	12.2	12.5	12.5	12.9	12.9	13.3	13.7	14.5	15.7	16.5
0.0	27.5°	9.4	9.8	9.8	10.6	11.0	11.4	11.8	12.9	14.1	14.9
0.0	30°	7.1	7.5	7.8	8.2	9.0	9.8	10.6	11.8	12.9	13.7
0.0	32.5°	4.3	5.1	5.5	6.3	7.1	7.8	8.6	9.8	11.4	12.5
0.0	35°	3.1	3.5	4.3	4.7	5.5	6.3	7.1	8.6	9.8	11.4
0.0	37.5°	1.6	2.4	3.1	3.9	4.7	5.5	6.3	7.8	9.4	10.6
0.0	40°	1.2	2.0	2.4	3.1	4.3	5.1	5.9	7.5	9.0	10.6
0.0	42.5°	0.8	1.2	1.6	2.7	3.5	4.7	5.9	7.5	9.0	10.6
0.0	45°	0.8	0.8	1.2	2.4	3.5	5.1	6.3	7.8	9.0	10.6
0.0	47.5°	0.8	1.2	1.6	3.1	3.9	5.1	6.3	7.5	9.0	10.2
0.0	50°	1.2	1.6	2.0	3.5	4.3	5.5	6.3	7.8	9.0	10.6
0.0	52.5°	0.8	1.2	1.6	3.1	4.3	5.9	7.1	8.6	10.2	11.4
0.0	55°	0.4	0.4	0.4	2.4	4.7	6.7	9.0	10.2	11.8	12.9
0.0	57.5°	0.0	0.0	0.0	1.6	4.7	7.5	10.2	11.8	13.3	14.5
0.0	60°	0.0	0.0	0.0	1.6	4.7	7.5	10.2	12.2	14.1	16.1
0.0	62.5°	0.0	0.0	0.0	1.6	3.9	6.3	8.6	11.8	15.3	18.4
0.0	65°	0.0	0.0	0.0	1.2	3.1	5.1	7.1	11.8	16.5	20.8
0.0	67.5°	0.0	0.0	0.0	1.2	3.1	4.7	6.7	11.8	16.5	21.6
	70°	0.0	0.0	0.0	1.2	3.1	5.1	7.1	11.8	16.5	21.2
	72.5°	0.0	0.0	0.0	1.2	3.5	5.5	7.8	11.8	15.7	19.6
	75°	0.0	0.0	0.0	1.6	3.5	5.9	8.2	11.8	15.3	18.4
	77.5°	0.0	0.0	0.0	1.2	3.5	5.5	7.8	11.4	14.9	18.0
	80°	1.2	0.8	0.8	2.0	3.5	5.1	6.7	10.2	14.1	17.6
	82.5°	2.4	2.4	2.0	2.7	3.5	4.7	5.9	9.0	12.5	15.7
	85°	4.7	4.7	4.3	4.7	4.7	5.1	5.5	7.1	8.6	10.2
	87.5°	6.3	6.3	5.9	5.9	5.9	5.5	5.5	5.5	5.5	5.1
	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: P1048851

CATALOG NUMBER: GALN-SA1C-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
22.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.9											
23.5											
22.0											
21.6											
21.2											
18.8											
11.8											
5.1											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048851

CATALOG NUMBER: GALN-SA1C-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°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
0.0	2.5°	27.5	27.8	27.8	28.2	28.6	29.0	29.0	29.4	29.4	29.4
0.0	5°	27.1	27.8	28.2	28.6	29.0	29.4	29.8	30.2	30.6	30.6
0.0	7.5°	26.7	27.1	27.8	28.2	29.0	29.4	30.2	30.6	31.0	31.4
0.0	10°	25.9	26.7	27.5	28.2	29.0	29.8	30.6	31.4	32.2	32.5
0.0	12.5°	25.1	26.3	27.1	27.8	29.0	30.2	31.0	32.2	32.9	33.7
0.0	15°	24.7	25.5	26.7	27.5	29.0	30.6	31.8	33.3	34.9	36.1
0.0	17.5°	23.5	25.1	26.3	27.5	29.0	31.0	32.5	34.1	36.5	38.8
0.0	20°	22.0	23.1	24.7	25.9	28.2	30.2	32.5	34.5	38.0	41.6
0.0	22.5°	20.4	22.0	23.1	24.7	27.5	29.8	32.5	34.9	40.8	46.3
0.0	25°	18.8	20.8	22.4	23.9	27.1	30.2	33.3	36.5	46.3	56.1
0.0	27.5°	18.0	19.6	21.6	23.1	27.1	31.4	35.3	39.2	54.9	70.2
0.0	30°	16.9	18.8	20.4	22.4	27.5	32.5	37.6	42.7	66.7	90.6
0.0	32.5°	15.7	17.6	19.6	21.6	28.2	34.9	41.2	47.8	79.2	110.2
0.0	35°	14.5	16.9	18.8	20.8	29.4	38.4	47.1	55.7	90.6	125.1
0.0	37.5°	14.1	16.5	18.4	20.4	29.8	38.8	48.2	57.3	91.8	126.3
0.0	40°	14.5	16.5	18.8	20.8	28.6	36.5	43.9	51.8	87.8	123.5
0.0	42.5°	14.5	16.9	19.2	21.6	27.8	34.1	40.4	46.7	86.7	126.7
0.0	45°	14.1	16.5	18.8	21.2	27.1	32.5	38.4	43.9	93.7	143.1
0.0	47.5°	13.7	16.1	18.4	20.8	26.7	32.5	38.4	44.3	121.2	197.7
0.0	50°	13.7	16.1	18.0	20.0	27.1	34.5	41.6	48.6	176.5	303.9
0.0	52.5°	14.5	16.5	18.0	19.6	27.8	36.5	44.7	52.9	224.3	395.3
0.0	55°	15.7	16.9	18.4	19.6	29.8	39.6	49.8	59.6	238.8	418.1
0.0	57.5°	17.3	18.4	19.6	20.8	33.3	45.9	58.0	70.6	240.0	409.0
0.0	60°	19.2	20.8	22.0	23.1	36.5	50.2	63.5	76.9	217.3	357.3
0.0	62.5°	23.5	25.5	27.1	29.0	42.0	54.5	67.5	80.0	180.4	280.8
0.0	65°	27.1	28.6	30.2	31.8	44.3	57.3	69.8	82.4	152.9	223.5
0.0	67.5°	27.8	29.4	30.6	32.2	45.1	58.0	70.6	83.5	131.0	178.0
	70°	28.2	30.2	32.5	34.5	47.8	61.2	74.1	87.5	116.1	144.7
	72.5°	27.1	31.0	34.5	38.0	50.6	62.7	75.3	87.5	107.8	128.2
	75°	27.1	32.5	37.6	42.7	52.2	61.2	70.6	79.6	95.3	111.0
	77.5°	28.6	35.7	42.7	49.8	55.3	60.4	65.9	71.0	81.2	91.4
	80°	28.6	36.1	43.1	50.6	52.9	55.7	58.0	60.4	61.6	62.7
	82.5°	24.7	30.6	36.5	42.4	39.6	36.9	34.1	31.4	29.4	27.1
	85°	12.5	13.7	14.5	15.3	14.1	12.9	11.8	10.6	9.8	8.6
	87.5°	5.1	5.1	4.7	4.7	4.7	4.7	4.3	4.3	4.3	4.3
	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: P1048851

CATALOG NUMBER: GALN-SA1C-740-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
22.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
196.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
223.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
243.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
263.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
302.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
580.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
889.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1119.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1144.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1033.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
883.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
690.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
521.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
385.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
272.6											
202.8											
147.5											
111.0											
62.4											
28.2											
8.2											
3.9											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048851

CATALOG NUMBER: GALN-SA1C-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°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
0.0	2.5°	29.4	29.0	29.0	28.6	28.2	27.8	27.5	27.1	26.7	26.3
0.0	5°	30.6	30.6	30.6	30.2	30.2	29.8	29.8	29.4	29.0	28.6
0.0	7.5°	31.8	32.2	32.2	32.5	32.5	32.5	32.5	32.2	32.2	32.2
0.0	10°	33.7	34.1	34.5	34.9	35.3	35.7	35.7	36.1	36.1	36.1
0.0	12.5°	36.1	37.3	38.0	39.2	40.0	41.2	42.0	43.1	43.9	44.7
0.0	15°	39.6	41.6	43.9	45.9	47.8	50.6	53.7	56.5	59.2	63.5
0.0	17.5°	44.7	51.0	57.3	63.1	69.4	83.1	96.9	110.2	123.9	143.9
0.0	20°	54.5	73.3	91.8	110.6	129.0	177.3	225.1	273.3	321.2	372.6
0.0	22.5°	76.5	122.7	169.0	215.3	261.6	362.4	462.8	563.5	663.9	782.0
0.0	25°	111.0	196.1	281.2	365.9	451.0	608.6	766.7	924.3	1082.0	1235.3
0.0	27.5°	161.6	291.8	422.0	551.8	682.0	895.7	1109.8	1323.6	1537.3	1710.6
0.0	30°	223.9	400.4	576.9	753.4	929.8	1173.0	1416.1	1658.9	1902.0	2091.4
0.0	32.5°	282.8	498.8	714.9	930.6	1146.7	1423.6	1700.8	1977.7	2254.6	2461.6
0.0	35°	321.2	582.4	843.9	1105.1	1366.3	1665.9	1965.5	2264.8	2564.4	2800.9
0.0	37.5°	359.6	661.2	962.4	1264.0	1565.1	1894.2	2223.2	2552.2	2881.3	3173.4
0.0	40°	402.8	756.5	1109.8	1463.6	1816.9	2206.7	2596.1	2986.0	3375.4	3787.6
0.0	42.5°	477.7	914.5	1351.8	1788.7	2225.5	2741.2	3256.9	3772.3	4288.0	4876.2
0.0	45°	618.4	1234.2	1850.2	2465.9	3081.7	3764.8	4448.4	5131.5	5814.7	6597.4
0.0	47.5°	963.2	1810.2	2656.9	3504.0	4350.7	5088.4	5825.6	6563.3	7300.6	8080.2
0.0	50°	1473.8	2459.7	3445.6	4431.1	5417.0	6084.5	6751.6	7419.0	8086.1	8827.7
0.0	52.5°	1843.2	2870.3	3897.8	4924.8	5951.9	6554.3	7157.1	7759.4	8361.8	9054.8
0.0	55°	1871.0	2892.2	3913.8	4935.0	5956.2	6561.4	7166.5	7771.6	8376.7	9111.2
0.0	57.5°	1656.5	2669.5	3682.1	4695.0	5707.6	6396.6	7085.3	7774.3	8463.0	9257.1
0.0	60°	1409.1	2422.4	3435.4	4448.7	5461.7	6255.5	7049.6	7843.3	8637.1	9381.0
0.0	62.5°	1099.2	2141.6	3184.4	4226.8	5269.2	6075.1	6881.0	7686.5	8492.4	9050.4
0.0	65°	819.2	1831.4	2843.6	3855.4	4867.6	5513.1	6158.6	6803.7	7449.2	7794.7
0.0	67.5°	592.2	1465.1	2337.7	3210.7	4083.2	4545.2	5007.2	5468.8	5930.7	6195.1
	70°	400.4	1005.1	1609.5	2214.2	2818.5	3198.1	3578.1	3957.8	4337.4	4694.2
	72.5°	277.3	616.9	956.9	1296.5	1636.1	2018.1	2399.7	2781.6	3163.2	3540.9
	75°	183.9	338.4	493.3	647.9	802.4	1085.1	1368.3	1651.0	1933.8	2158.9
	77.5°	130.6	176.9	223.5	269.8	316.1	369.0	422.4	475.3	528.2	608.6
	80°	62.0	67.8	73.7	79.2	85.1	104.3	123.5	142.7	162.0	182.4
	82.5°	29.4	31.8	34.1	36.1	38.4	40.4	42.4	44.3	46.3	44.3
	85°	7.8	7.8	8.2	8.2	8.2	8.2	8.2	8.2	8.2	7.8
	87.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.1	3.1	2.7
	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: P1048851

CATALOG NUMBER: GALN-SA1C-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
22.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
424.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1388.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1884.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2281.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2669.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3037.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3466.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4199.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5464.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7380.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8859.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9569.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9747.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9846.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10051.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10124.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9608.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8140.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6459.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5050.7											
3918.5											
2384.0											
689.0											
202.8											
42.0											
7.5											
2.7											
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: P1048851

CATALOG NUMBER: GALN-SA1C-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
0.0	2.5°	25.5	25.1	24.7	24.3	23.9	23.1	23.1	22.7	22.7
0.0	5°	27.8	27.5	27.1	26.7	26.7	25.9	25.9	25.9	25.5
0.0	7.5°	31.8	31.4	31.0	30.6	30.6	30.2	30.2	29.8	29.8
0.0	10°	36.5	36.5	36.5	36.5	36.5	36.1	36.1	36.1	35.7
0.0	12.5°	45.9	46.3	47.1	47.8	49.0	49.0	49.0	48.6	48.6
0.0	15°	72.6	76.9	80.0	83.1	85.9	92.2	91.4	90.2	89.4
0.0	17.5°	183.5	203.1	213.7	223.9	234.5	263.5	258.8	254.1	249.8
0.0	20°	475.7	527.1	561.2	595.3	629.8	684.3	671.0	657.7	644.3
0.0	22.5°	1017.7	1135.7	1187.1	1238.5	1289.4	1355.3	1312.6	1269.8	1227.5
0.0	25°	1541.6	1694.9	1781.6	1868.3	1954.6	1992.2	1936.5	1880.4	1824.8
0.0	27.5°	2057.3	2230.6	2307.1	2383.2	2459.7	2538.5	2469.5	2400.1	2331.0
0.0	30°	2470.7	2660.1	2742.8	2825.2	2907.9	2962.8	2891.4	2819.7	2748.3
0.0	32.5°	2876.2	3083.2	3173.8	3264.4	3354.6	3433.4	3345.6	3257.3	3169.5
0.0	35°	3273.4	3509.9	3634.6	3759.3	3884.0	3957.4	3853.0	3748.3	3644.0
0.0	37.5°	3758.1	4050.3	4189.9	4329.5	4469.1	4602.9	4488.0	4372.7	4257.8
0.0	40°	4611.9	5024.1	5238.2	5452.7	5666.8	5839.4	5694.3	5549.2	5404.1
0.0	42.5°	6052.7	6641.0	6948.8	7256.3	7564.1	7833.5	7681.0	7528.4	7375.9
0.0	45°	8163.0	8945.7	9321.0	9695.9	10071.2	10268.1	10048.5	9828.5	9608.9
0.0	47.5°	9639.1	10418.7	10752.8	11087.0	11421.1	11645.8	11377.2	11108.5	10840.3
0.0	50°	10310.5	11052.1	11387.4	11722.3	12057.6	12236.0	11925.8	11615.2	11305.0
0.0	52.5°	10440.3	11133.2	11533.2	11933.7	12333.7	12572.1	12205.8	11839.1	11472.9
0.0	55°	10580.7	11315.2	11779.1	12243.5	12707.4	13037.6	12623.5	12209.0	11794.8
0.0	57.5°	10845.0	11639.1	12101.9	12564.3	13027.0	13307.4	12892.1	12476.4	12061.1
0.0	60°	10868.5	11612.1	12009.7	12407.8	12805.4	12981.9	12584.6	12187.0	11789.7
0.0	62.5°	10166.9	10725.0	11001.1	11277.2	11553.2	11745.0	11330.5	10915.6	10501.1
0.0	65°	8486.1	8831.6	9051.6	9271.6	9491.6	9720.3	9340.6	8961.0	8581.4
0.0	67.5°	6724.1	6988.4	7278.2	7568.0	7857.9	8102.2	7798.2	7493.9	7190.0
	70°	5407.6	5764.1	6090.0	6415.9	6741.7	6941.8	6636.6	6331.1	6026.0
	72.5°	4296.2	4673.8	4946.0	5217.8	5490.0	5539.0	5314.7	5090.3	4866.4
	75°	2608.7	2833.8	2839.3	2844.4	2849.9	2896.5	2710.7	2524.8	2339.3
	77.5°	769.4	849.8	916.1	982.0	1048.3	1128.3	1060.0	991.4	923.2
	80°	222.8	243.1	260.4	277.3	294.5	284.3	268.2	252.2	236.1
	82.5°	40.0	37.6	37.3	36.9	36.9	34.9	31.8	28.6	25.5
	85°	7.1	6.7	6.3	5.9	5.5	5.1	4.3	3.9	3.1
	87.5°	2.4	2.0	1.6	1.2	1.2	0.4	0.4	0.4	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: P1048851

CATALOG NUMBER: GALN-SA1C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048851

CATALOG NUMBER: GALN-SA1C-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°	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
0.0	0.0	2.5°	22.4	22.0	22.0	22.0	22.0	21.6	21.6	21.6	21.6
0.0	0.0	5°	24.7	24.7	24.3	24.3	23.9	23.9	23.5	23.5	23.1
0.0	0.0	7.5°	29.0	28.6	28.2	27.8	27.5	26.7	26.3	25.9	25.9
0.0	0.0	10°	34.9	34.1	33.7	32.9	32.5	31.8	31.0	30.2	29.4
0.0	0.0	12.5°	45.9	44.3	43.1	41.6	40.0	38.8	37.3	36.1	34.5
0.0	0.0	15°	79.6	75.7	71.4	66.3	60.8	55.7	50.2	47.1	43.5
0.0	0.0	17.5°	203.5	183.1	162.4	145.5	128.6	112.2	95.3	83.1	71.0
0.0	0.0	20°	518.1	461.6	405.1	349.4	293.3	237.7	181.6	153.3	125.1
0.0	0.0	22.5°	974.9	870.2	765.1	663.5	561.6	460.0	358.4	294.5	231.0
0.0	0.0	25°	1504.7	1373.0	1241.2	1074.1	906.7	739.6	572.6	468.6	364.7
0.0	0.0	27.5°	1958.1	1806.3	1654.6	1451.4	1248.3	1045.1	842.0	687.1	532.6
0.0	0.0	30°	2350.7	2187.5	2024.4	1787.9	1551.4	1314.9	1078.5	884.7	691.0
0.0	0.0	32.5°	2691.1	2495.8	2300.5	2056.5	1812.6	1568.7	1324.7	1087.1	849.4
0.0	0.0	35°	3083.6	2855.8	2627.5	2356.9	2085.9	1815.3	1544.7	1276.5	1007.9
0.0	0.0	37.5°	3582.4	3302.8	3022.8	2721.2	2419.7	2118.5	1816.9	1510.2	1203.6
0.0	0.0	40°	4537.4	4176.6	3815.8	3432.6	3049.1	2666.0	2282.8	1906.3	1529.8
0.0	0.0	42.5°	6248.4	5760.9	5273.5	4763.7	4253.4	3743.6	3233.4	2702.4	2171.0
0.0	0.0	45°	8179.4	7574.7	6969.6	6397.4	5824.9	5252.7	4680.5	3951.9	3223.2
0.0	0.0	47.5°	9265.3	8612.4	7959.4	7417.8	6876.3	6334.7	5793.1	5007.6	4222.1
0.0	0.0	50°	9665.0	9000.2	8335.5	7837.1	7338.2	6839.8	6341.0	5554.3	4767.2
0.0	0.0	52.5°	9750.1	9072.0	8393.9	7892.4	7390.8	6889.6	6388.0	5606.4	4824.8
0.0	0.0	55°	9925.0	9197.5	8469.6	7897.9	7326.1	6754.3	6182.5	5388.4	4594.2
0.0	0.0	57.5°	10153.6	9407.7	8661.8	8010.4	7359.0	6708.0	6056.6	5188.4	4320.1
0.0	0.0	60°	10093.6	9444.6	8795.1	8097.5	7399.4	6701.7	6003.7	5048.8	4093.4
0.0	0.0	62.5°	9052.0	8535.1	8017.9	7444.1	6870.0	6296.2	5722.5	4739.3	3756.2
0.0	0.0	65°	7446.9	7069.6	6692.3	6230.8	5768.8	5307.2	4845.6	3964.0	3082.8
0.0	0.0	67.5°	6035.5	5610.3	5184.8	4817.0	4448.7	4080.9	3712.6	3018.9	2325.2
		70°	4795.0	4332.7	3869.9	3510.7	3151.1	2791.8	2432.6	1971.4	1510.6
		72.5°	3807.9	3391.1	2974.2	2591.0	2207.5	1824.4	1440.8	1168.3	895.7
		75°	1820.0	1653.4	1486.7	1286.3	1085.9	885.5	685.1	566.3	447.9
		77.5°	674.5	584.7	494.5	413.0	331.4	250.2	168.6	154.5	140.4
		80°	174.5	152.2	129.4	113.3	96.9	80.8	64.7	58.4	52.6
		82.5°	20.0	18.4	17.3	16.5	15.3	14.5	13.3	12.2	11.0
		85°	1.2	0.8	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: P1048851

CATALOG NUMBER: GALN-SA1C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048851

CATALOG NUMBER: GALN-SA1C-740-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	22.7	22.7
0.0	0.0	2.5°	21.2	20.8
0.0	0.0	5°	22.4	22.0
0.0	0.0	7.5°	24.7	23.9
0.0	0.0	10°	27.1	26.3
0.0	0.0	12.5°	30.6	29.4
0.0	0.0	15°	34.5	32.2
0.0	0.0	17.5°	41.2	36.1
0.0	0.0	20°	55.7	42.7
0.0	0.0	22.5°	78.4	53.3
0.0	0.0	25°	115.3	73.7
0.0	0.0	27.5°	160.4	98.0
0.0	0.0	30°	213.3	122.7
0.0	0.0	32.5°	260.0	146.3
0.0	0.0	35°	320.8	170.2
0.0	0.0	37.5°	395.7	200.8
0.0	0.0	40°	511.8	247.1
0.0	0.0	42.5°	720.8	332.6
0.0	0.0	45°	1170.6	574.9
0.0	0.0	47.5°	1801.2	951.0
0.0	0.0	50°	2203.6	1213.8
0.0	0.0	52.5°	2236.5	1211.8
0.0	0.0	55°	2041.6	1077.3
0.0	0.0	57.5°	1742.0	900.4
0.0	0.0	60°	1447.9	712.2
0.0	0.0	62.5°	1140.8	491.8
0.0	0.0	65°	833.7	347.9
0.0	0.0	67.5°	598.8	260.0
		70°	393.7	199.2
		72.5°	256.5	162.4
		75°	172.6	134.5
		77.5°	100.8	89.4
		80°	35.7	31.4
		82.5°	6.7	4.7
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1048851

CATALOG NUMBER: GALN-SA1C-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

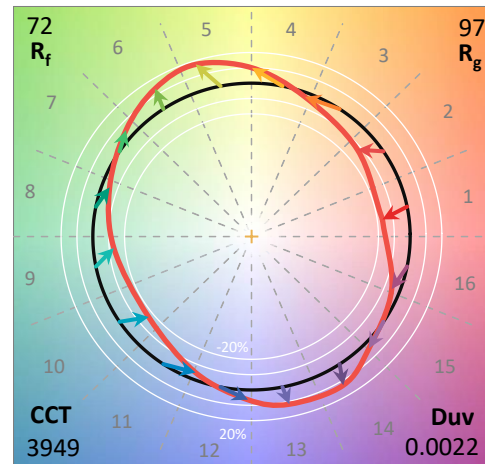
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

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

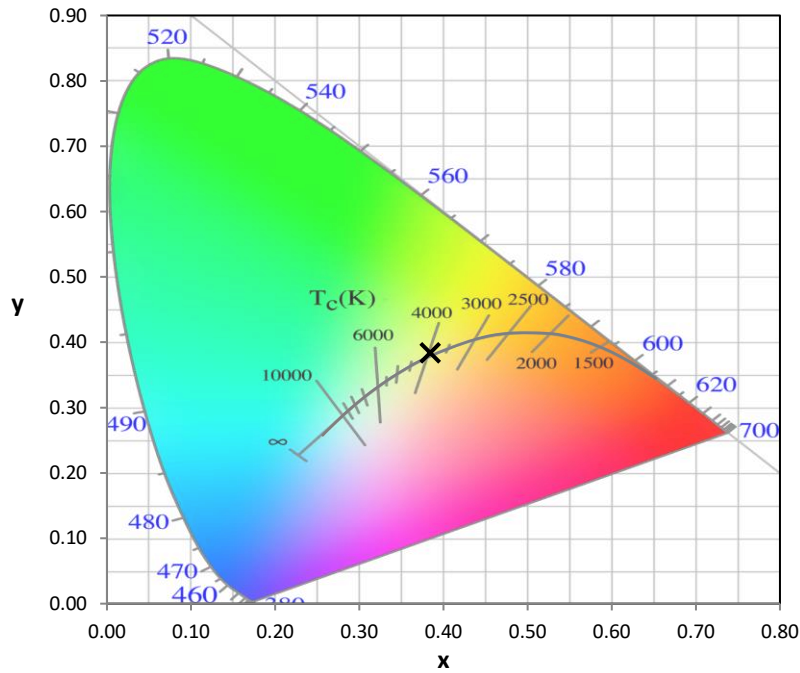
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

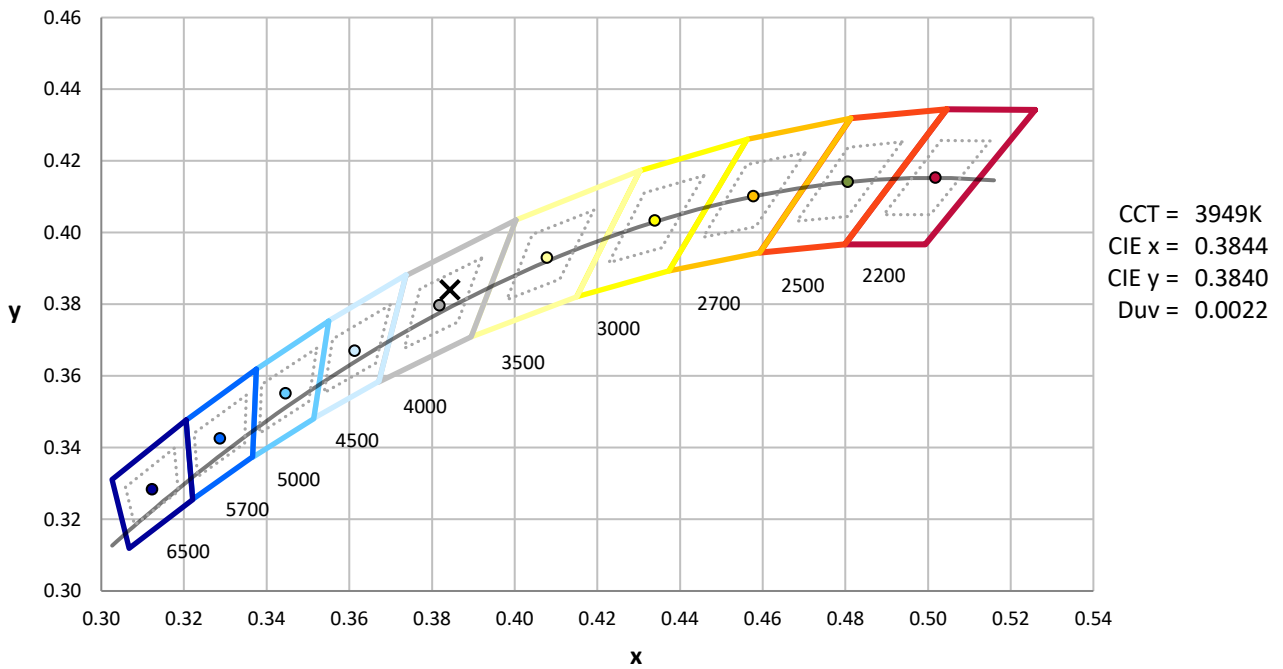
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



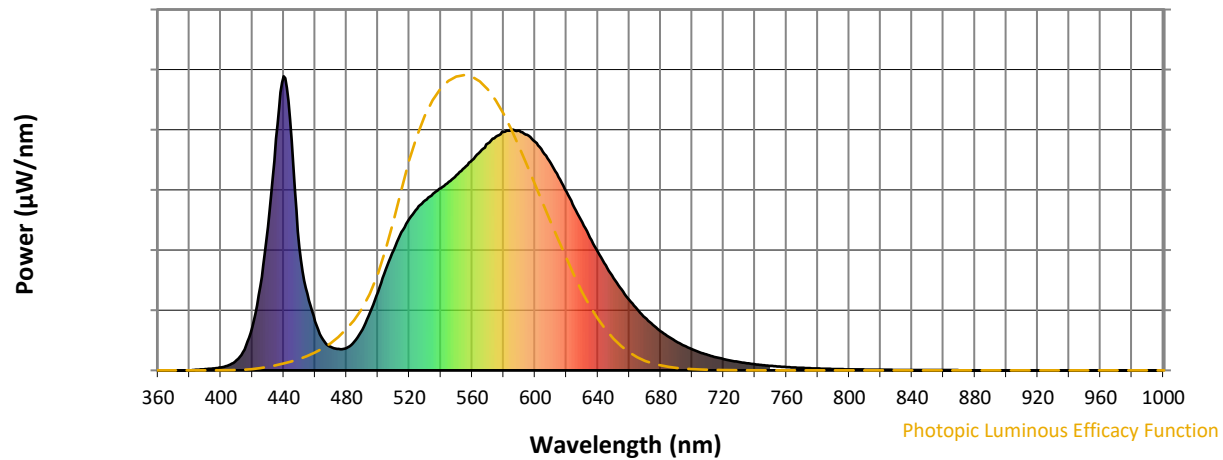
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

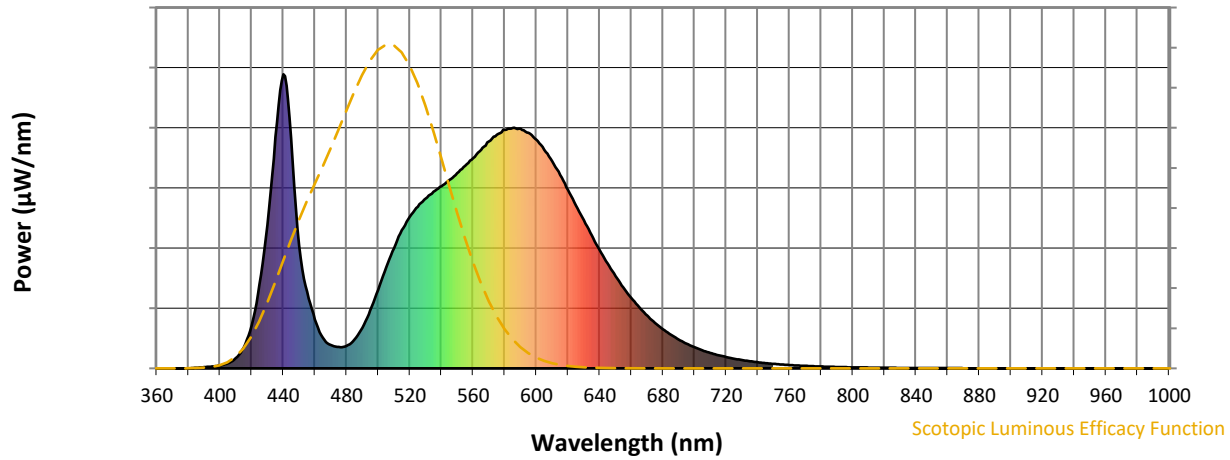


Photopic Lumens: NR

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



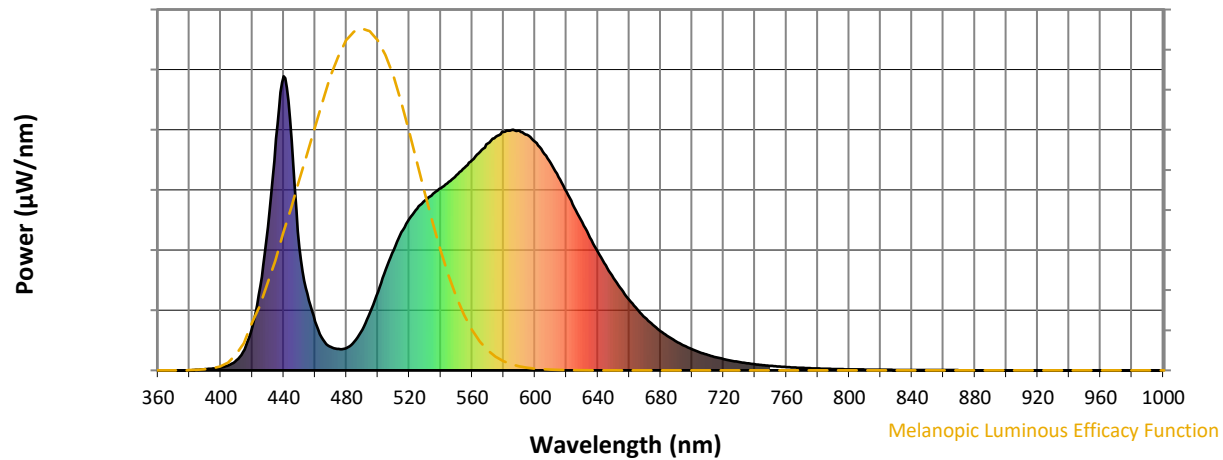
Scotopic Lumens: NR

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

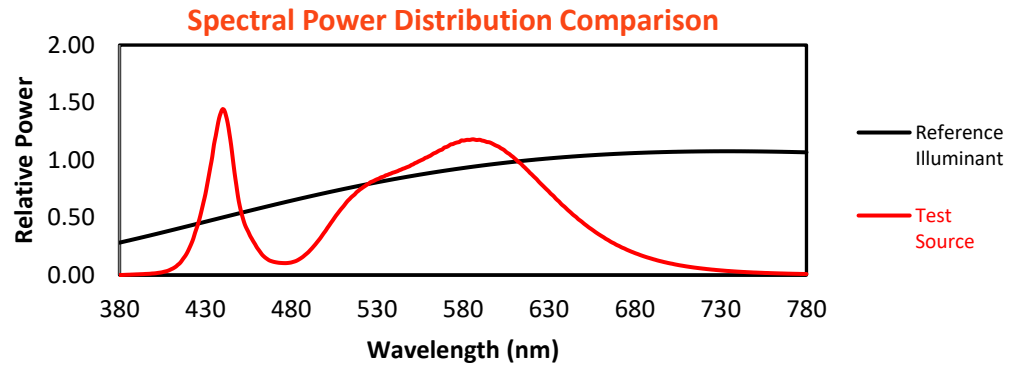
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	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

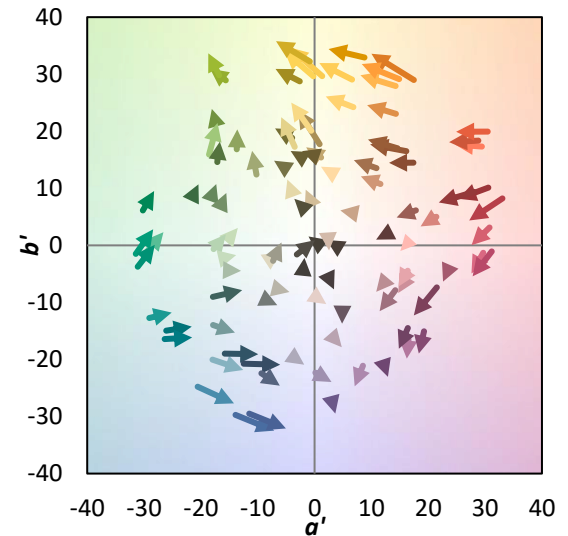
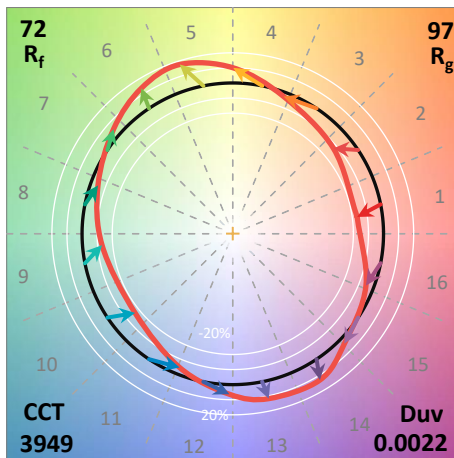
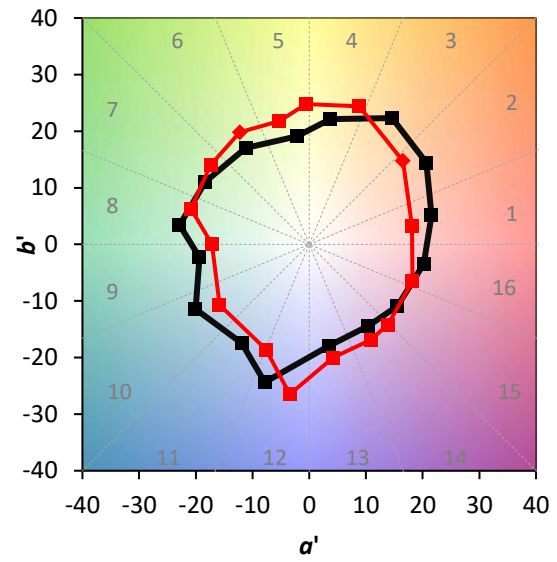
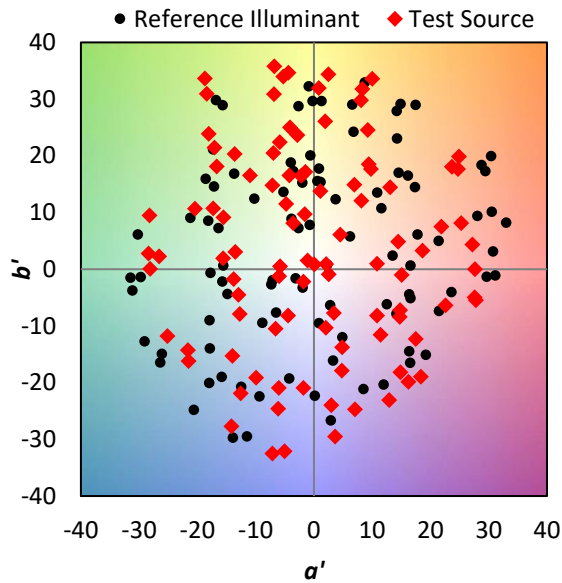
TM-30-18

Summary

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

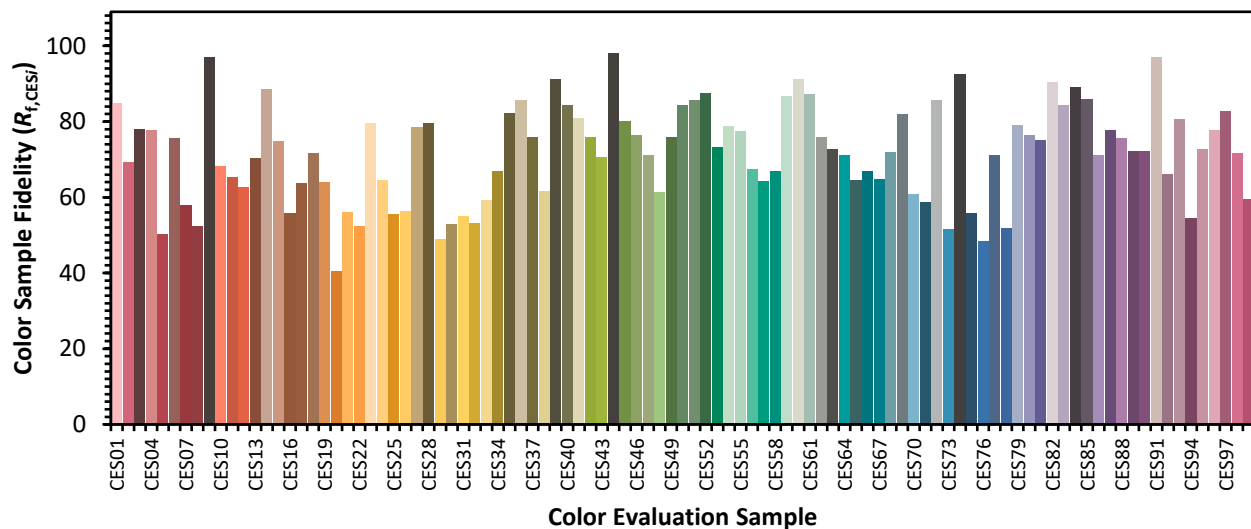


Color Vector Graphics

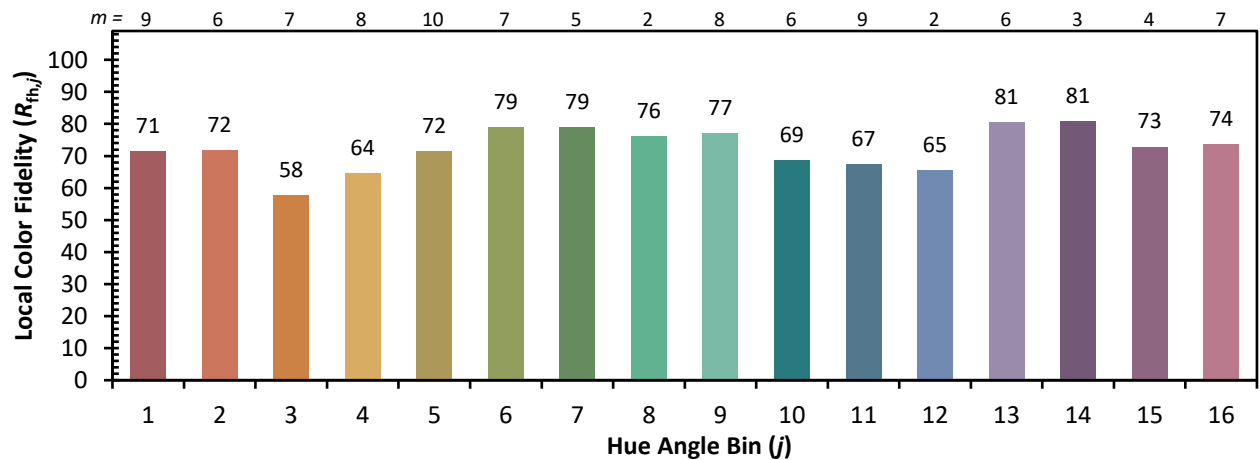
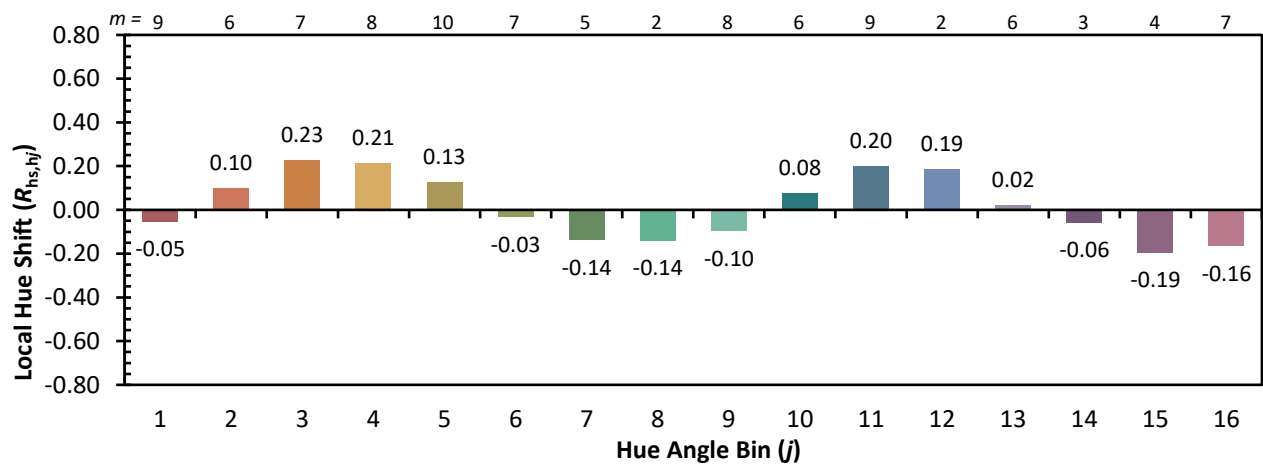
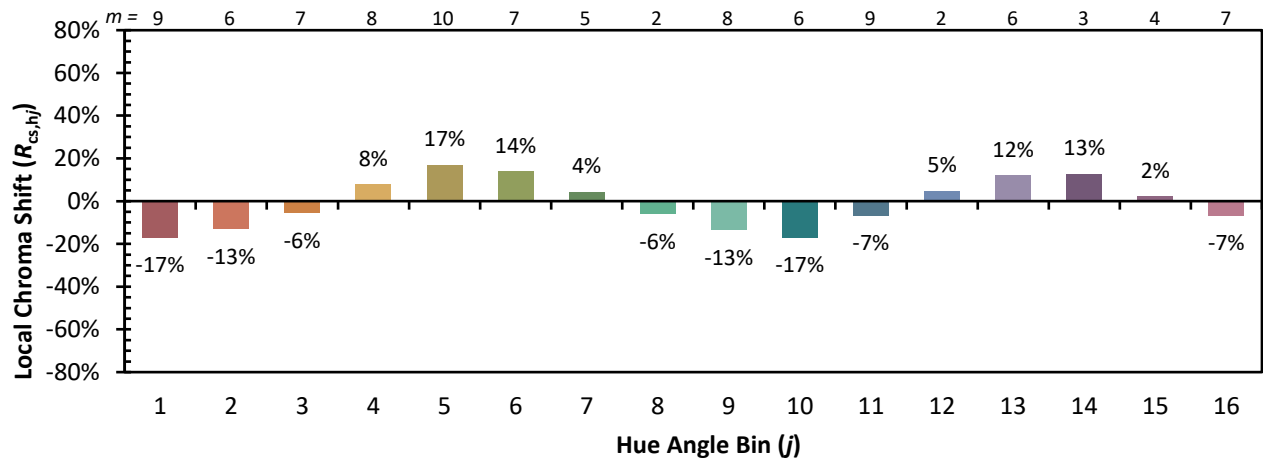


Individual Sample Fidelity Index ($R_{f,i}$)

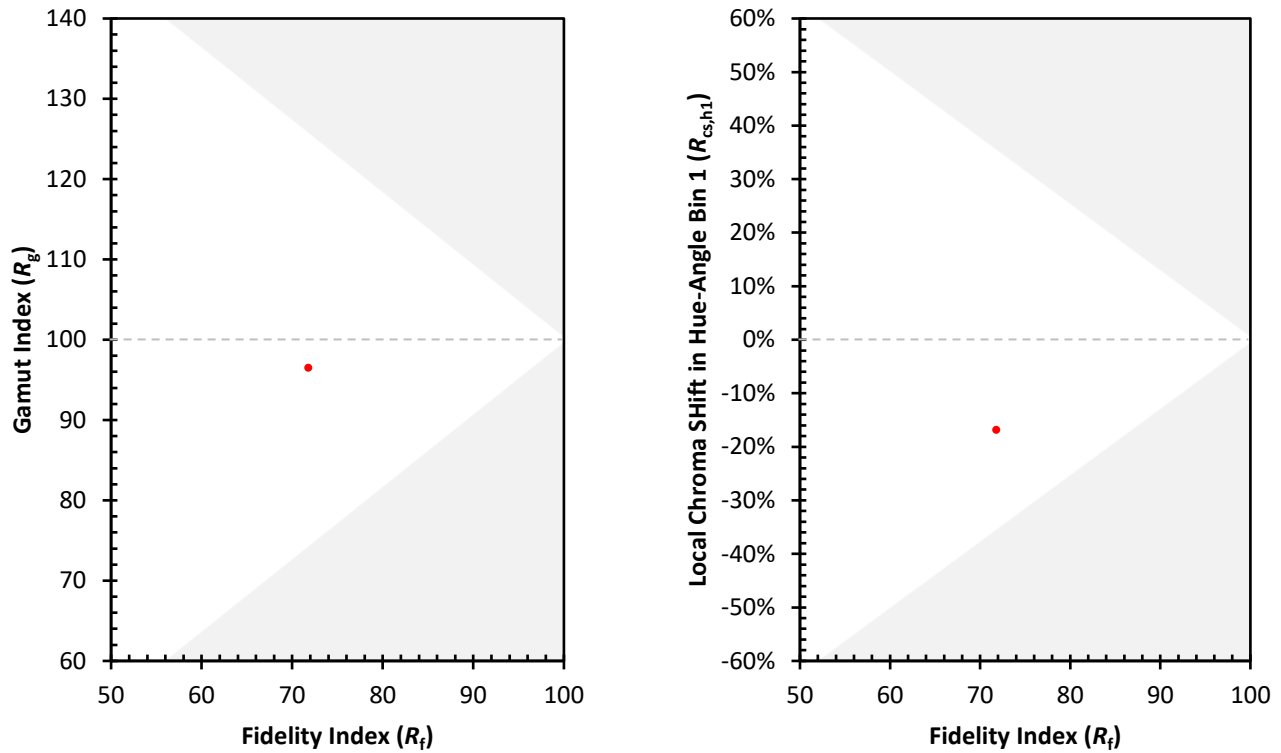
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 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)