

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: P1048873

Luminaire Tested: **GALN-SA7A-740-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048873
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7A-740-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
70CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (98) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22709.5 lumens
Efficiency: N/A
Efficacy: 117.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 193.1
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

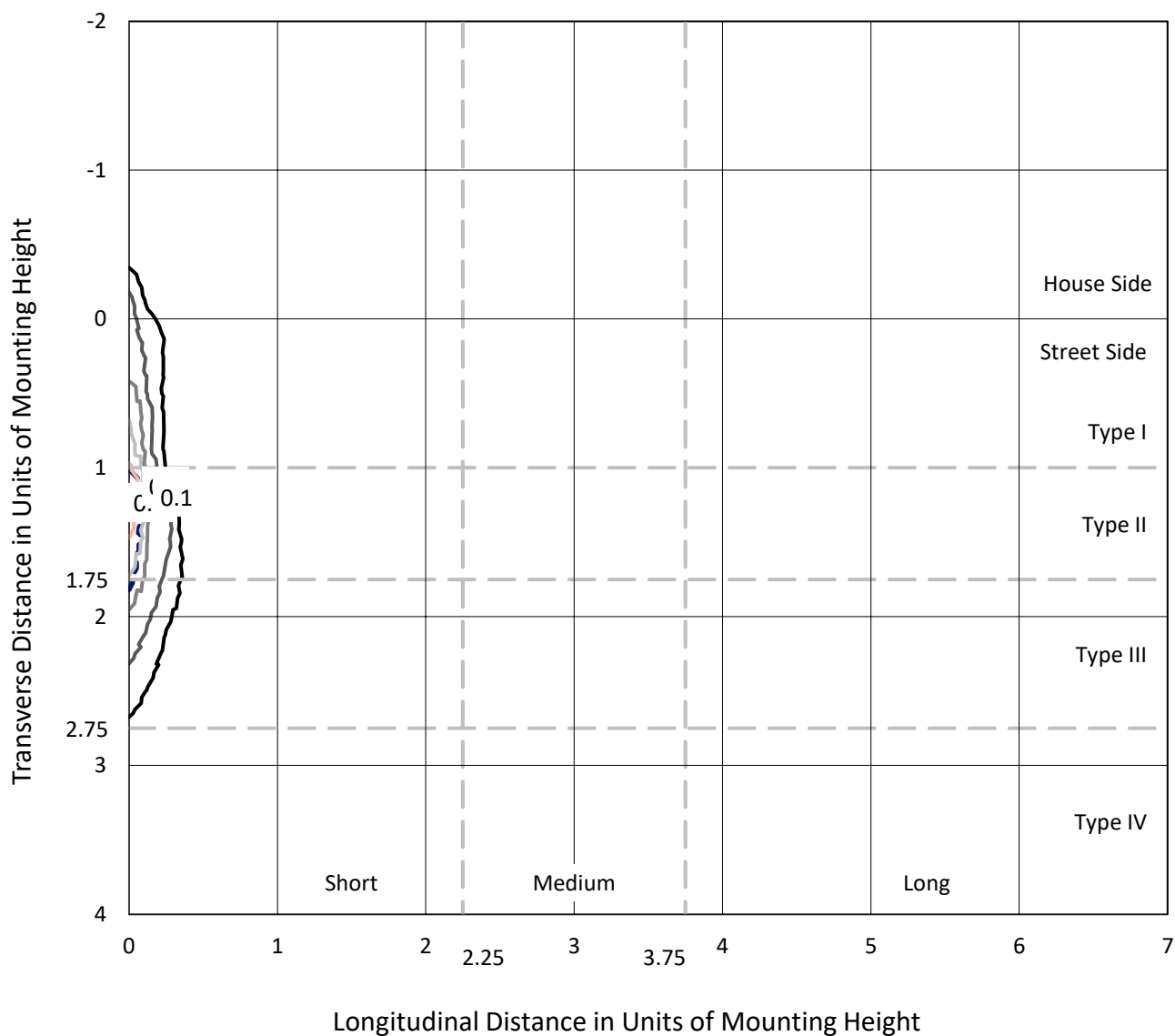
REPORT NUMBER: P1048873

CATALOG NUMBER: GALN-SA7A-740-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

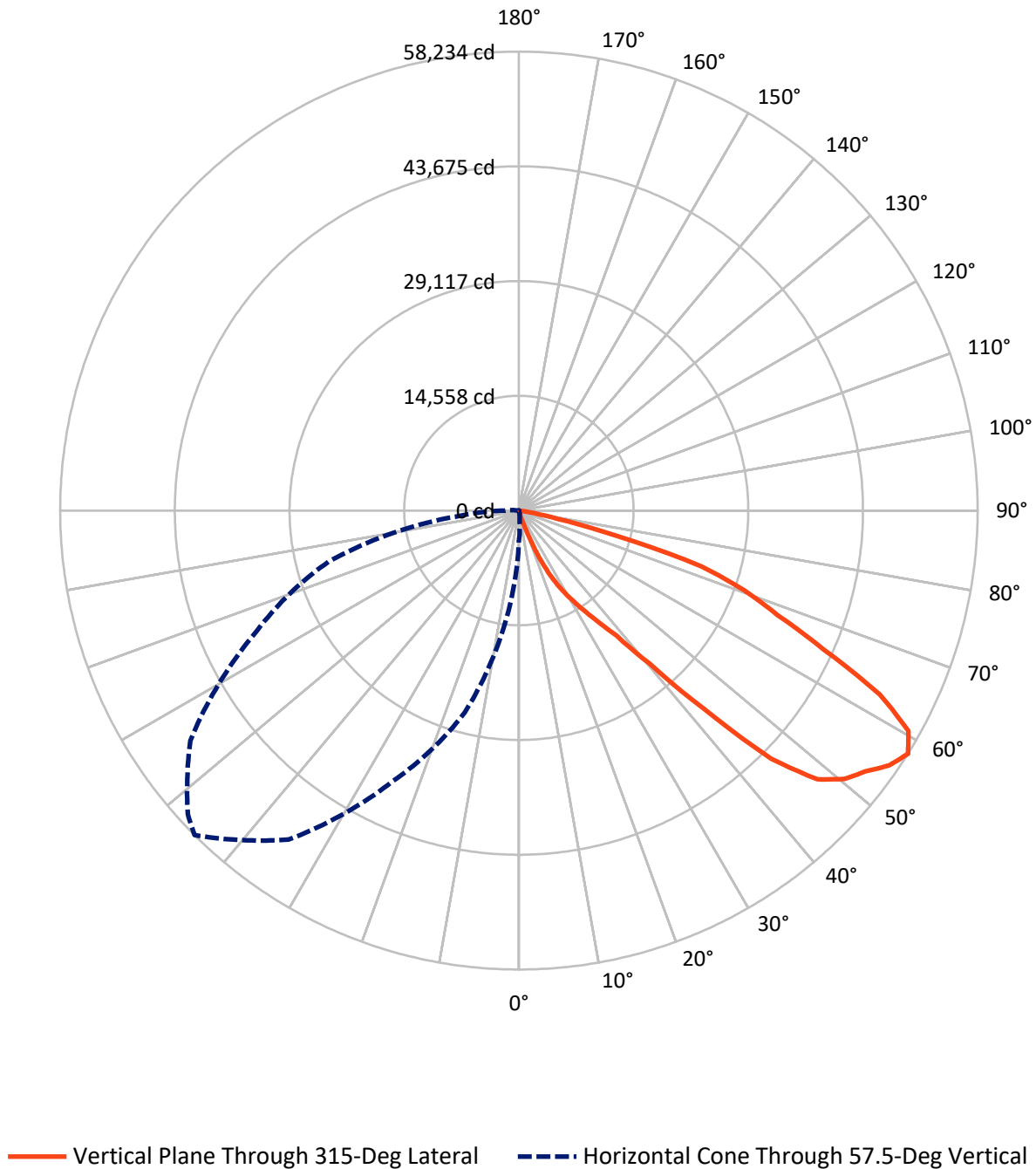


Based on 20 foot mounting height. Maximum calculated value = 3.3 fc

Type III - Short - N/A

REPORT NUMBER: P1048873
CATALOG NUMBER: GALN-SA7A-740-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048873

CATALOG NUMBER: GALN-SA7A-740-U-RBC

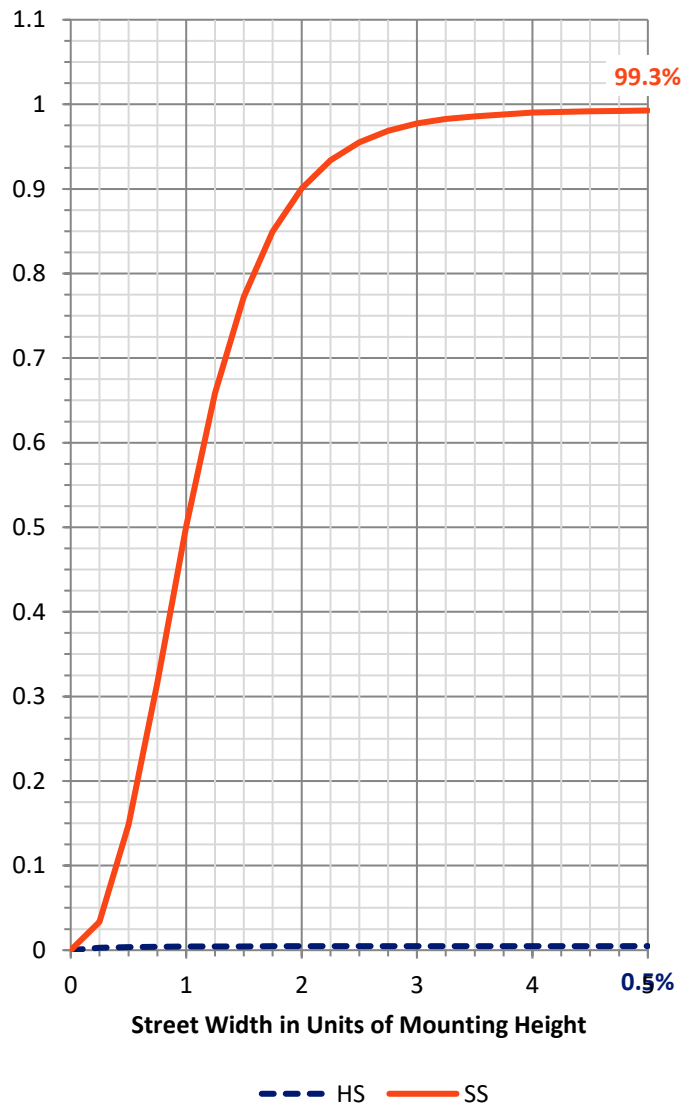
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	113.7	0.0	113.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	22595.7	0.0	22595.7
	% Fixture	99.5	0.0	99.5
Total	Lumens	22709.5	0.0	22709.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.9	0.0
10°-20°	49.9	0.2
20°-30°	538.2	2.4
30°-40°	1591.5	7.0
40°-50°	4743.1	20.9
50°-60°	7520.8	33.1
60°-70°	6278.1	27.6
70°-80°	1935.9	8.5
80°-90°	43.0	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°	22709.5	100.0
0°-180°	22709.5	100.0



REPORT NUMBER: P1048873

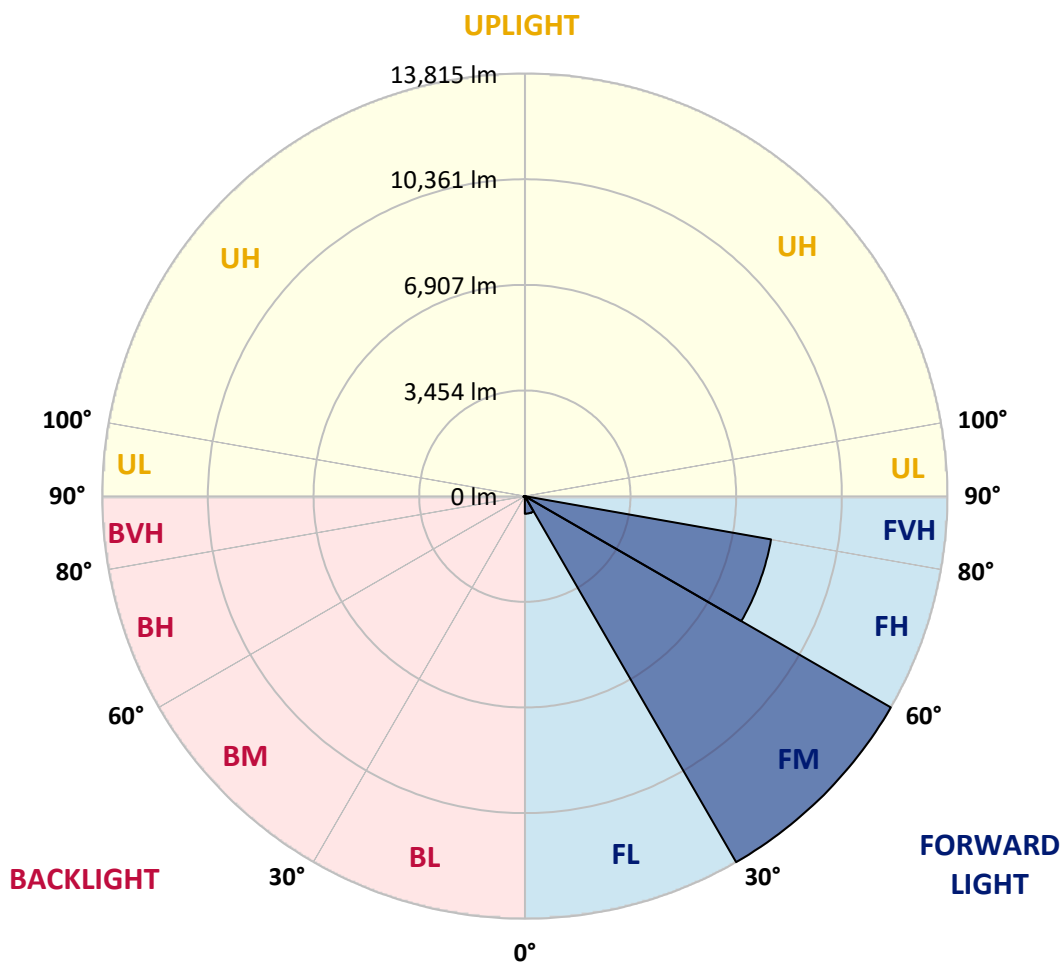
CATALOG NUMBER: GALN-SA7A-740-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	576.1	2.5			
FM	(30°-60°)	13814.8	60.8			
FH	(60°-80°)	8171.6	36.0			G4/12000
FVH	(80°-90°)	33.3	0.1			G1/100
BL	(0°-30°)	20.9	0.1	B0/110		
BM	(30°-60°)	40.6	0.2	B0/220		
BH	(60°-80°)	42.4	0.2	B0/110		G0/110
BVH	(80°-90°)	9.8	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-G4

Type III Short



REPORT NUMBER: P1048873

CATALOG NUMBER: GALN-SA7A-740-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2.5°	91.0	91.0	91.0	91.0	89.2	89.2	87.5	87.5	85.8	85.8
5°	96.1	96.1	94.4	92.7	92.7	91.0	89.2	87.5	87.5	85.8
7.5°	104.7	103.0	101.3	99.5	96.1	94.4	91.0	89.2	87.5	84.1
10°	115.0	111.5	108.1	104.7	101.3	97.8	94.4	92.7	89.2	87.5
12.5°	128.7	123.6	116.7	111.5	108.1	103.0	99.5	96.1	91.0	87.5
15°	140.7	133.9	125.3	118.4	113.3	106.4	101.3	96.1	92.7	87.5
17.5°	157.9	145.9	132.1	123.6	116.7	108.1	99.5	94.4	89.2	82.4
20°	187.1	163.0	137.3	127.0	116.7	106.4	96.1	89.2	84.1	77.2
22.5°	233.4	192.2	151.0	135.6	121.8	106.4	92.7	85.8	78.9	72.1
25°	322.6	248.8	175.0	154.5	133.9	113.3	92.7	84.1	77.2	68.6
27.5°	429.0	319.2	207.7	178.5	151.0	121.8	92.7	82.4	73.8	63.5
30°	537.2	391.3	243.7	205.9	168.2	130.4	92.7	80.7	70.4	58.3
32.5°	640.1	458.2	274.6	230.0	185.3	139.0	94.4	80.7	66.9	53.2
35°	744.8	513.1	279.7	233.4	187.1	139.0	92.7	77.2	63.5	48.1
37.5°	878.7	574.9	269.4	223.1	178.5	132.1	87.5	73.8	60.1	44.6
40°	1081.2	677.9	274.6	226.5	178.5	130.4	82.4	68.6	56.6	42.9
42.5°	1455.3	876.9	296.9	242.0	187.1	130.4	75.5	63.5	53.2	41.2
45°	2515.9	1457.0	398.1	315.8	233.4	151.0	68.6	58.3	49.8	39.5
47.5°	4161.6	2438.6	715.6	552.6	391.3	228.2	66.9	58.3	49.8	39.5
50°	5311.4	3106.2	901.0	693.3	485.7	278.0	70.4	60.1	51.5	41.2
52.5°	5302.9	3154.3	1003.9	770.5	538.9	305.5	73.8	63.5	54.9	44.6
55°	4714.2	2869.4	1022.8	786.0	550.9	314.1	78.9	68.6	58.3	48.1
57.5°	3940.2	2436.9	933.6	722.5	513.1	302.0	91.0	78.9	68.6	56.6
60°	3116.5	1922.1	727.6	574.9	423.9	271.1	120.1	104.7	91.0	75.5
62.5°	2152.0	1393.5	635.0	509.7	386.1	260.9	137.3	121.8	108.1	92.7
65°	1522.2	1048.6	573.2	466.8	362.1	255.7	149.3	132.1	116.7	99.5
67.5°	1137.8	834.0	528.6	437.6	346.7	255.7	164.7	144.2	125.3	104.7
70°	871.8	684.7	496.0	422.2	350.1	276.3	202.5	173.3	145.9	116.7
72.5°	710.5	585.2	458.2	405.0	351.8	298.6	245.4	207.7	169.9	130.4
75°	588.6	501.1	413.6	369.0	326.1	281.4	236.8	202.5	169.9	135.6
77.5°	391.3	357.0	320.9	295.2	269.4	242.0	216.2	187.1	159.6	130.4
80°	137.3	132.1	127.0	137.3	147.6	157.9	168.2	147.6	128.7	108.1
82.5°	20.6	18.9	17.2	18.9	20.6	22.3	24.0	25.7	27.5	29.2
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: P1048873

CATALOG NUMBER: GALN-SA7A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1048873

CATALOG NUMBER: GALN-SA7A-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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	84.1	84.1	82.4	82.4	82.4	80.7	80.7	78.9	78.9	78.9
0.0	5°	82.4	82.4	80.7	78.9	77.2	77.2	75.5	73.8	73.8	72.1
0.0	7.5°	80.7	78.9	77.2	75.5	73.8	72.1	70.4	68.6	68.6	66.9
0.0	10°	82.4	78.9	77.2	73.8	72.1	70.4	66.9	65.2	63.5	63.5
0.0	12.5°	78.9	77.2	73.8	70.4	68.6	65.2	63.5	60.1	58.3	58.3
0.0	15°	78.9	75.5	70.4	66.9	63.5	61.8	58.3	54.9	53.2	51.5
0.0	17.5°	73.8	70.4	65.2	61.8	58.3	54.9	51.5	48.1	46.3	44.6
0.0	20°	66.9	63.5	58.3	53.2	49.8	46.3	42.9	39.5	37.8	36.0
0.0	22.5°	60.1	56.6	51.5	46.3	42.9	39.5	34.3	30.9	29.2	25.7
0.0	25°	56.6	51.5	46.3	41.2	36.0	32.6	27.5	22.3	18.9	15.4
0.0	27.5°	48.1	42.9	37.8	32.6	27.5	22.3	17.2	12.0	8.6	6.9
0.0	30°	41.2	36.0	30.9	25.7	18.9	13.7	8.6	1.7	1.7	1.7
0.0	32.5°	34.3	29.2	22.3	17.2	13.7	8.6	5.1	0.0	0.0	0.0
0.0	35°	27.5	22.3	15.4	10.3	8.6	5.1	3.4	0.0	0.0	0.0
0.0	37.5°	24.0	18.9	12.0	5.1	3.4	3.4	1.7	0.0	0.0	0.0
0.0	40°	22.3	15.4	8.6	1.7	1.7	1.7	0.0	0.0	0.0	0.0
0.0	42.5°	22.3	15.4	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	22.3	15.4	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	22.3	15.4	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	24.0	17.2	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	27.5	20.6	13.7	6.9	5.1	3.4	1.7	0.0	0.0	0.0
0.0	55°	34.3	30.9	25.7	22.3	17.2	12.0	5.1	0.0	0.0	0.0
0.0	57.5°	44.6	44.6	42.9	41.2	30.9	20.6	10.3	0.0	0.0	0.0
0.0	60°	60.1	60.1	60.1	60.1	44.6	30.9	15.4	0.0	0.0	0.0
0.0	62.5°	73.8	70.4	65.2	61.8	46.3	30.9	15.4	0.0	0.0	0.0
0.0	65°	73.8	66.9	58.3	49.8	37.8	25.7	12.0	0.0	0.0	0.0
0.0	67.5°	68.6	54.9	39.5	25.7	18.9	13.7	6.9	0.0	0.0	0.0
	70°	68.6	48.1	27.5	6.9	5.1	3.4	1.7	0.0	0.0	0.0
	72.5°	68.6	46.3	22.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	75.5	51.5	25.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	75.5	51.5	25.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	66.9	44.6	22.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	22.3	15.4	6.9	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



REPORT NUMBER: P1048873

CATALOG NUMBER: GALN-SA7A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048873

CATALOG NUMBER: GALN-SA7A-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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	77.2	77.2	77.2	75.5	75.5	75.5	75.5	73.8	73.8	73.8
0.0	5°	70.4	70.4	68.6	68.6	66.9	66.9	65.2	65.2	63.5	63.5
0.0	7.5°	65.2	63.5	63.5	61.8	60.1	60.1	58.3	58.3	56.6	54.9
0.0	10°	60.1	58.3	58.3	56.6	54.9	53.2	53.2	51.5	49.8	48.1
0.0	12.5°	54.9	53.2	51.5	49.8	48.1	46.3	46.3	44.6	42.9	41.2
0.0	15°	48.1	46.3	44.6	42.9	41.2	39.5	39.5	37.8	36.0	34.3
0.0	17.5°	41.2	39.5	39.5	37.8	36.0	34.3	32.6	29.2	27.5	25.7
0.0	20°	30.9	29.2	27.5	25.7	24.0	20.6	18.9	15.4	12.0	10.3
0.0	22.5°	20.6	17.2	15.4	12.0	8.6	6.9	5.1	1.7	0.0	0.0
0.0	25°	6.9	5.1	3.4	1.7	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: P1048873

CATALOG NUMBER: GALN-SA7A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1048873

CATALOG NUMBER: GALN-SA7A-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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	72.1	72.1	72.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4
0.0	5°	61.8	61.8	61.8	60.1	60.1	58.3	58.3	58.3	56.6	56.6
0.0	7.5°	53.2	51.5	51.5	49.8	49.8	48.1	48.1	48.1	46.3	46.3
0.0	10°	44.6	42.9	42.9	41.2	41.2	39.5	39.5	37.8	37.8	36.0
0.0	12.5°	39.5	37.8	36.0	34.3	34.3	32.6	30.9	30.9	29.2	27.5
0.0	15°	30.9	29.2	27.5	25.7	24.0	22.3	20.6	20.6	18.9	17.2
0.0	17.5°	20.6	17.2	15.4	13.7	13.7	12.0	10.3	8.6	6.9	5.1
0.0	20°	5.1	3.4	1.7	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: P1048873

CATALOG NUMBER: GALN-SA7A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048873

CATALOG NUMBER: GALN-SA7A-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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	70.4	68.6	68.6	68.6	70.4	70.4	70.4	70.4	70.4	70.4
0.0	5°	56.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
0.0	7.5°	46.3	44.6	44.6	44.6	44.6	42.9	42.9	42.9	42.9	42.9
0.0	10°	36.0	34.3	34.3	34.3	34.3	32.6	32.6	32.6	32.6	32.6
0.0	12.5°	25.7	25.7	24.0	24.0	24.0	22.3	22.3	22.3	22.3	20.6
0.0	15°	15.4	13.7	12.0	12.0	12.0	10.3	10.3	10.3	10.3	8.6
0.0	17.5°	3.4	3.4	1.7	1.7	1.7	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048873

CATALOG NUMBER: GALN-SA7A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1048873

CATALOG NUMBER: GALN-SA7A-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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	72.1	72.1	73.8	73.8	75.5	78.9	80.7	82.4	85.8	89.2
0.0	5°	56.6	58.3	58.3	60.1	61.8	63.5	65.2	66.9	70.4	73.8
0.0	7.5°	44.6	44.6	46.3	46.3	48.1	51.5	53.2	54.9	58.3	63.5
0.0	10°	34.3	34.3	36.0	36.0	37.8	41.2	42.9	44.6	48.1	53.2
0.0	12.5°	22.3	24.0	24.0	25.7	27.5	30.9	32.6	34.3	37.8	41.2
0.0	15°	10.3	12.0	12.0	13.7	15.4	18.9	20.6	22.3	25.7	30.9
0.0	17.5°	1.7	1.7	3.4	3.4	5.1	6.9	8.6	10.3	15.4	18.9
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	6.9
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
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: P1048873

CATALOG NUMBER: GALN-SA7A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048873

CATALOG NUMBER: GALN-SA7A-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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	94.4	97.8	101.3	104.7	108.1	111.5	113.3	116.7	118.4	120.1
0.0	5°	80.7	84.1	89.2	92.7	96.1	99.5	103.0	104.7	106.4	108.1
0.0	7.5°	70.4	73.8	78.9	82.4	85.8	89.2	92.7	96.1	97.8	99.5
0.0	10°	60.1	65.2	68.6	73.8	77.2	80.7	84.1	87.5	91.0	92.7
0.0	12.5°	48.1	53.2	58.3	61.8	66.9	72.1	75.5	78.9	82.4	85.8
0.0	15°	37.8	42.9	48.1	51.5	56.6	61.8	66.9	70.4	73.8	77.2
0.0	17.5°	27.5	32.6	37.8	41.2	46.3	51.5	54.9	60.1	63.5	66.9
0.0	20°	13.7	18.9	24.0	29.2	34.3	39.5	42.9	48.1	51.5	54.9
0.0	22.5°	1.7	6.9	12.0	15.4	20.6	25.7	29.2	34.3	37.8	41.2
0.0	25°	0.0	1.7	5.1	6.9	8.6	12.0	15.4	18.9	22.3	25.7
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.7	3.4	6.9	10.3	13.7
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
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	1.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7	3.4
	85°	0.0	0.0	0.0	0.0	0.0	3.4	5.1	8.6	10.3	12.0
	87.5°	0.0	1.7	3.4	5.1	6.9	10.3	13.7	17.2	18.9	20.6
	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: P1048873

CATALOG NUMBER: GALN-SA7A-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
99.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.7											
6.9											
15.4											
22.3											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048873

CATALOG NUMBER: GALN-SA7A-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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	121.8	121.8	121.8	121.8	120.1	120.1	120.1	118.4	118.4	116.7
0.0	5°	111.5	113.3	113.3	113.3	113.3	113.3	113.3	113.3	111.5	111.5
0.0	7.5°	103.0	104.7	106.4	106.4	108.1	108.1	108.1	106.4	106.4	104.7
0.0	10°	97.8	99.5	99.5	101.3	101.3	101.3	101.3	101.3	101.3	101.3
0.0	12.5°	91.0	92.7	94.4	94.4	96.1	96.1	96.1	96.1	94.4	94.4
0.0	15°	82.4	85.8	87.5	89.2	89.2	91.0	91.0	91.0	91.0	91.0
0.0	17.5°	75.5	78.9	80.7	82.4	82.4	84.1	84.1	85.8	85.8	85.8
0.0	20°	61.8	65.2	66.9	70.4	72.1	73.8	75.5	77.2	77.2	78.9
0.0	22.5°	48.1	51.5	53.2	56.6	58.3	60.1	61.8	63.5	65.2	66.9
0.0	25°	34.3	37.8	39.5	42.9	44.6	46.3	48.1	49.8	49.8	51.5
0.0	27.5°	18.9	22.3	25.7	27.5	30.9	32.6	34.3	36.0	37.8	39.5
0.0	30°	8.6	10.3	12.0	15.4	17.2	18.9	20.6	24.0	25.7	27.5
0.0	32.5°	0.0	0.0	1.7	5.1	6.9	8.6	10.3	12.0	12.0	13.7
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.4	5.1	6.9
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°	3.4	3.4	3.4	5.1	5.1	5.1	5.1	5.1	5.1	5.1
	82.5°	8.6	10.3	12.0	12.0	13.7	13.7	13.7	13.7	12.0	12.0
	85°	17.2	18.9	20.6	20.6	22.3	22.3	22.3	22.3	22.3	22.3
	87.5°	24.0	25.7	27.5	27.5	29.2	29.2	29.2	29.2	29.2	29.2
	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: P1048873

CATALOG NUMBER: GALN-SA7A-740-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
99.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
5.1											
12.0											
22.3											
29.2											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048873

CATALOG NUMBER: GALN-SA7A-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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	115.0	115.0	113.3	113.3	113.3	113.3	113.3	115.0	116.7	116.7
0.0	5°	109.8	109.8	108.1	108.1	108.1	109.8	109.8	111.5	113.3	115.0
0.0	7.5°	104.7	103.0	103.0	104.7	104.7	106.4	106.4	108.1	109.8	111.5
0.0	10°	101.3	99.5	99.5	99.5	101.3	101.3	103.0	104.7	106.4	108.1
0.0	12.5°	94.4	94.4	94.4	94.4	96.1	96.1	97.8	99.5	103.0	104.7
0.0	15°	91.0	89.2	89.2	89.2	89.2	91.0	91.0	94.4	97.8	99.5
0.0	17.5°	84.1	84.1	82.4	82.4	84.1	84.1	85.8	89.2	92.7	94.4
0.0	20°	77.2	75.5	73.8	73.8	75.5	75.5	77.2	80.7	84.1	85.8
0.0	22.5°	66.9	65.2	65.2	65.2	65.2	66.9	66.9	70.4	75.5	78.9
0.0	25°	53.2	54.9	54.9	56.6	56.6	58.3	60.1	63.5	68.6	72.1
0.0	27.5°	41.2	42.9	42.9	46.3	48.1	49.8	51.5	56.6	61.8	65.2
0.0	30°	30.9	32.6	34.3	36.0	39.5	42.9	46.3	51.5	56.6	60.1
0.0	32.5°	18.9	22.3	24.0	27.5	30.9	34.3	37.8	42.9	49.8	54.9
0.0	35°	13.7	15.4	18.9	20.6	24.0	27.5	30.9	37.8	42.9	49.8
0.0	37.5°	6.9	10.3	13.7	17.2	20.6	24.0	27.5	34.3	41.2	46.3
0.0	40°	5.1	8.6	10.3	13.7	18.9	22.3	25.7	32.6	39.5	46.3
0.0	42.5°	3.4	5.1	6.9	12.0	15.4	20.6	25.7	32.6	39.5	46.3
0.0	45°	3.4	3.4	5.1	10.3	15.4	22.3	27.5	34.3	39.5	46.3
0.0	47.5°	3.4	5.1	6.9	13.7	17.2	22.3	27.5	32.6	39.5	44.6
0.0	50°	5.1	6.9	8.6	15.4	18.9	24.0	27.5	34.3	39.5	46.3
0.0	52.5°	3.4	5.1	6.9	13.7	18.9	25.7	30.9	37.8	44.6	49.8
0.0	55°	1.7	1.7	1.7	10.3	20.6	29.2	39.5	44.6	51.5	56.6
0.0	57.5°	0.0	0.0	0.0	6.9	20.6	32.6	44.6	51.5	58.3	63.5
0.0	60°	0.0	0.0	0.0	6.9	20.6	32.6	44.6	53.2	61.8	70.4
0.0	62.5°	0.0	0.0	0.0	6.9	17.2	27.5	37.8	51.5	66.9	80.7
0.0	65°	0.0	0.0	0.0	5.1	13.7	22.3	30.9	51.5	72.1	91.0
0.0	67.5°	0.0	0.0	0.0	5.1	13.7	20.6	29.2	51.5	72.1	94.4
	70°	0.0	0.0	0.0	5.1	13.7	22.3	30.9	51.5	72.1	92.7
	72.5°	0.0	0.0	0.0	5.1	15.4	24.0	34.3	51.5	68.6	85.8
	75°	0.0	0.0	0.0	6.9	15.4	25.7	36.0	51.5	66.9	80.7
	77.5°	0.0	0.0	0.0	5.1	15.4	24.0	34.3	49.8	65.2	78.9
	80°	5.1	3.4	3.4	8.6	15.4	22.3	29.2	44.6	61.8	77.2
	82.5°	10.3	10.3	8.6	12.0	15.4	20.6	25.7	39.5	54.9	68.6
	85°	20.6	20.6	18.9	20.6	20.6	22.3	24.0	30.9	37.8	44.6
	87.5°	27.5	27.5	25.7	25.7	25.7	24.0	24.0	24.0	24.0	22.3
	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: P1048873

CATALOG NUMBER: GALN-SA7A-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
99.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.3											
103.0											
96.1											
94.4											
92.7											
82.4											
51.5											
22.3											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048873

CATALOG NUMBER: GALN-SA7A-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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	120.1	121.8	121.8	123.6	125.3	127.0	127.0	128.7	128.7	128.7
0.0	5°	118.4	121.8	123.6	125.3	127.0	128.7	130.4	132.1	133.9	133.9
0.0	7.5°	116.7	118.4	121.8	123.6	127.0	128.7	132.1	133.9	135.6	137.3
0.0	10°	113.3	116.7	120.1	123.6	127.0	130.4	133.9	137.3	140.7	142.4
0.0	12.5°	109.8	115.0	118.4	121.8	127.0	132.1	135.6	140.7	144.2	147.6
0.0	15°	108.1	111.5	116.7	120.1	127.0	133.9	139.0	145.9	152.7	157.9
0.0	17.5°	103.0	109.8	115.0	120.1	127.0	135.6	142.4	149.3	159.6	169.9
0.0	20°	96.1	101.3	108.1	113.3	123.6	132.1	142.4	151.0	166.5	181.9
0.0	22.5°	89.2	96.1	101.3	108.1	120.1	130.4	142.4	152.7	178.5	202.5
0.0	25°	82.4	91.0	97.8	104.7	118.4	132.1	145.9	159.6	202.5	245.4
0.0	27.5°	78.9	85.8	94.4	101.3	118.4	137.3	154.5	171.6	240.3	307.2
0.0	30°	73.8	82.4	89.2	97.8	120.1	142.4	164.7	187.1	291.7	396.4
0.0	32.5°	68.6	77.2	85.8	94.4	123.6	152.7	180.2	209.4	346.7	482.2
0.0	35°	63.5	73.8	82.4	91.0	128.7	168.2	205.9	243.7	396.4	547.4
0.0	37.5°	61.8	72.1	80.7	89.2	130.4	169.9	211.1	250.6	401.6	552.6
0.0	40°	63.5	72.1	82.4	91.0	125.3	159.6	192.2	226.5	384.4	540.6
0.0	42.5°	63.5	73.8	84.1	94.4	121.8	149.3	176.8	204.2	379.3	554.3
0.0	45°	61.8	72.1	82.4	92.7	118.4	142.4	168.2	192.2	410.2	626.4
0.0	47.5°	60.1	70.4	80.7	91.0	116.7	142.4	168.2	193.9	530.3	864.9
0.0	50°	60.1	70.4	78.9	87.5	118.4	151.0	181.9	212.8	772.3	1330.0
0.0	52.5°	63.5	72.1	78.9	85.8	121.8	159.6	195.6	231.7	981.6	1729.9
0.0	55°	68.6	73.8	80.7	85.8	130.4	173.3	217.9	260.9	1045.1	1829.4
0.0	57.5°	75.5	80.7	85.8	91.0	145.9	200.8	254.0	308.9	1050.3	1789.9
0.0	60°	84.1	91.0	96.1	101.3	159.6	219.7	278.0	336.4	950.7	1563.4
0.0	62.5°	103.0	111.5	118.4	127.0	183.6	238.5	295.2	350.1	789.4	1228.8
0.0	65°	118.4	125.3	132.1	139.0	193.9	250.6	305.5	360.4	669.3	978.2
0.0	67.5°	121.8	128.7	133.9	140.7	197.4	254.0	308.9	365.5	573.2	779.1
	70°	123.6	132.1	142.4	151.0	209.4	267.7	324.3	382.7	508.0	633.3
	72.5°	118.4	135.6	151.0	166.5	221.4	274.6	329.5	382.7	471.9	561.2
	75°	118.4	142.4	164.7	187.1	228.2	267.7	308.9	348.4	417.0	485.7
	77.5°	125.3	156.2	187.1	217.9	242.0	264.3	288.3	310.6	355.2	399.9
	80°	125.3	157.9	188.8	221.4	231.7	243.7	254.0	264.3	269.4	274.6
	82.5°	108.1	133.9	159.6	185.3	173.3	161.3	149.3	137.3	128.7	118.4
	85°	54.9	60.1	63.5	66.9	61.8	56.6	51.5	46.3	42.9	37.8
	87.5°	22.3	22.3	20.6	20.6	20.6	20.6	18.9	18.9	18.9	18.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048873

CATALOG NUMBER: GALN-SA7A-740-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
99.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
211.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
269.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
365.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
508.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
688.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
859.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
976.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1064.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1151.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1323.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1666.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2539.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3890.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4897.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5009.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4520.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3864.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3020.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2282.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1685.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1192.7											
887.2											
645.3											
485.7											
272.9											
123.6											
36.0											
17.2											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											



REPORT NUMBER: P1048873

CATALOG NUMBER: GALN-SA7A-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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	128.7	127.0	127.0	125.3	123.6	121.8	120.1	118.4	116.7	115.0
0.0	5°	133.9	133.9	133.9	132.1	132.1	130.4	130.4	128.7	127.0	125.3
0.0	7.5°	139.0	140.7	140.7	142.4	142.4	142.4	142.4	140.7	140.7	140.7
0.0	10°	147.6	149.3	151.0	152.7	154.5	156.2	156.2	157.9	157.9	157.9
0.0	12.5°	157.9	163.0	166.5	171.6	175.0	180.2	183.6	188.8	192.2	195.6
0.0	15°	173.3	181.9	192.2	200.8	209.4	221.4	235.1	247.1	259.1	278.0
0.0	17.5°	195.6	223.1	250.6	276.3	303.8	363.8	423.9	482.2	542.3	629.8
0.0	20°	238.5	320.9	401.6	483.9	564.6	775.7	985.1	1196.1	1405.5	1630.3
0.0	22.5°	334.6	537.2	739.7	942.2	1144.7	1585.7	2025.0	2466.1	2905.4	3422.0
0.0	25°	485.7	858.1	1230.5	1601.2	1973.6	2663.4	3355.0	4044.9	4734.8	5405.8
0.0	27.5°	707.0	1276.8	1846.6	2414.6	2984.4	3919.7	4856.7	5792.0	6727.2	7485.8
0.0	30°	979.9	1752.2	2524.4	3296.7	4069.0	5133.0	6197.0	7259.2	8323.3	9152.1
0.0	32.5°	1237.3	2182.9	3128.5	4072.4	5018.0	6229.6	7442.9	8654.5	9866.1	10772.2
0.0	35°	1405.5	2548.5	3693.1	4836.1	5979.0	7290.1	8601.3	9910.7	11221.8	12256.6
0.0	37.5°	1573.7	2893.4	4211.4	5531.1	6849.1	8288.9	9728.8	11168.6	12608.4	13887.0
0.0	40°	1762.5	3310.4	4856.7	6404.6	7950.9	9656.7	11360.8	13066.6	14770.8	16574.4
0.0	42.5°	2090.3	4002.0	5915.5	7827.3	9739.1	11995.8	14252.5	16507.5	18764.2	21338.4
0.0	45°	2706.3	5400.7	8096.7	10791.1	13485.4	16474.9	19466.1	22455.6	25445.1	28870.5
0.0	47.5°	4214.8	7921.7	11626.8	15333.7	19038.8	22266.8	25493.2	28721.2	31947.6	35359.2
0.0	50°	6449.2	10763.6	15078.0	19390.6	23705.0	26625.8	29545.0	32465.8	35385.0	38630.2
0.0	52.5°	8065.8	12560.4	17056.7	21551.2	26045.8	28681.8	31319.5	33955.4	36591.4	39623.8
0.0	55°	8187.7	12656.5	17127.0	21595.8	26064.7	28712.6	31360.6	34008.6	36656.6	39871.0
0.0	57.5°	7249.0	11681.7	16112.8	20545.6	24976.6	27991.9	31005.4	34020.7	37034.2	40509.4
0.0	60°	6166.1	10600.6	15033.3	19467.8	23900.6	27374.1	30849.2	34322.7	37796.1	41051.7
0.0	62.5°	4810.3	9371.8	13935.0	18496.5	23058.0	26584.6	30111.3	33636.2	37162.9	39605.0
0.0	65°	3585.0	8014.3	12443.7	16871.3	21300.7	24125.4	26950.2	29773.2	32598.0	34109.9
0.0	67.5°	2591.4	6411.5	10229.9	14050.0	17868.4	19890.0	21911.6	23931.5	25953.1	27109.8
	70°	1752.2	4398.5	7043.0	9689.3	12333.9	13995.1	15658.0	17319.2	18980.4	20542.1
	72.5°	1213.3	2699.5	4187.4	5673.5	7159.7	8831.2	10501.0	12172.5	13842.3	15495.0
	75°	804.9	1481.0	2158.9	2835.1	3511.2	4748.5	5987.6	7224.9	8462.3	9447.3
	77.5°	571.5	774.0	978.2	1180.7	1383.2	1614.9	1848.3	2080.0	2311.6	2663.4
	80°	271.1	296.9	322.6	346.7	372.4	456.5	540.6	624.7	708.8	798.0
	82.5°	128.7	139.0	149.3	157.9	168.2	176.8	185.3	193.9	202.5	193.9
	85°	34.3	34.3	36.0	36.0	36.0	36.0	36.0	36.0	36.0	34.3
	87.5°	15.4	15.4	15.4	15.4	15.4	15.4	15.4	13.7	13.7	12.0
	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: P1048873

CATALOG NUMBER: GALN-SA7A-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
99.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.6	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
298.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
715.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1856.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3938.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6076.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8244.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9982.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11680.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13291.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15167.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18378.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23912.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32295.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38770.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41875.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42656.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43087.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43984.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44305.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42048.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35623.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28268.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22102.1											
17147.6											
10432.4											
3015.2											
887.2											
183.6											
32.6											
12.0											
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: P1048873

CATALOG NUMBER: GALN-SA7A-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	2.5°	111.5	109.8	108.1	106.4	104.7	101.3	101.3	99.5	99.5
0.0	5°	121.8	120.1	118.4	116.7	116.7	115.0	113.3	113.3	111.5
0.0	7.5°	139.0	137.3	135.6	133.9	133.9	132.1	132.1	130.4	130.4
0.0	10°	159.6	159.6	159.6	159.6	159.6	157.9	157.9	157.9	156.2
0.0	12.5°	200.8	202.5	205.9	209.4	214.5	214.5	214.5	212.8	212.8
0.0	15°	317.5	336.4	350.1	363.8	375.8	403.3	399.9	394.7	391.3
0.0	17.5°	803.2	889.0	935.3	979.9	1026.2	1153.2	1132.6	1112.1	1093.2
0.0	20°	2081.7	2306.5	2455.8	2605.1	2756.1	2994.7	2936.3	2878.0	2819.6
0.0	22.5°	4453.4	4969.9	5194.7	5419.6	5642.7	5931.0	5743.9	5556.8	5371.5
0.0	25°	6746.1	7417.1	7796.4	8175.7	8553.2	8718.0	8474.3	8228.9	7985.2
0.0	27.5°	9002.8	9761.4	10096.0	10429.0	10763.6	11108.5	10806.5	10502.7	10200.7
0.0	30°	10811.6	11640.5	12002.6	12363.0	12725.1	12965.4	12653.1	12339.0	12026.7
0.0	32.5°	12586.1	13492.3	13888.7	14285.1	14679.8	15024.8	14640.3	14254.2	13869.8
0.0	35°	14324.6	15359.4	15905.1	16450.9	16996.6	17317.5	16861.0	16402.8	15946.3
0.0	37.5°	16445.7	17724.2	18335.2	18946.1	19557.1	20142.3	19639.4	19134.9	18632.1
0.0	40°	20181.7	21985.4	22922.4	23861.1	24798.1	25553.2	24918.3	24283.3	23648.3
0.0	42.5°	26486.8	29061.0	30408.2	31753.6	33100.8	34279.8	33612.2	32944.6	32277.1
0.0	45°	35721.3	39146.7	40789.1	42429.7	44072.1	44933.6	43972.5	43009.8	42048.7
0.0	47.5°	42180.9	45592.5	47054.7	48516.8	49979.0	50962.3	49786.8	48611.2	47437.4
0.0	50°	45118.9	48364.1	49831.4	51297.0	52764.3	53545.1	52187.7	50828.5	49471.0
0.0	52.5°	45686.9	48719.3	50469.8	52222.0	53972.4	55015.8	53413.0	51808.4	50205.5
0.0	55°	46301.3	49515.6	51545.8	53577.7	55607.9	57052.9	55240.7	53426.7	51614.5
0.0	57.5°	47458.0	50933.2	52958.2	54981.5	57006.6	58233.6	56416.2	54597.1	52779.7
0.0	60°	47561.0	50814.7	52554.9	54296.8	56036.9	56809.2	55070.8	53330.6	51592.2
0.0	62.5°	44490.8	46932.9	48141.0	49349.2	50557.3	51396.5	49582.6	47766.9	45952.9
0.0	65°	37135.4	38647.4	39610.1	40572.9	41535.6	42536.1	40874.9	39213.7	37552.5
0.0	67.5°	29424.8	30581.5	31849.7	33118.0	34386.2	35455.3	34125.3	32793.6	31463.6
	70°	23663.8	25223.7	26649.9	28076.0	29502.1	30377.3	29042.1	27705.3	26370.1
	72.5°	18800.3	20452.9	21643.9	22833.2	24024.2	24238.7	23257.1	22275.4	21295.5
	75°	11415.7	12400.8	12424.8	12447.1	12471.2	12675.4	11861.9	11048.5	10236.7
	77.5°	3367.1	3718.9	4008.9	4297.2	4587.2	4937.3	4638.7	4338.4	4039.8
	80°	974.8	1064.0	1139.5	1213.3	1288.8	1244.2	1173.8	1103.5	1033.1
	82.5°	175.0	164.7	163.0	161.3	161.3	152.7	139.0	125.3	111.5
	85°	30.9	29.2	27.5	25.7	24.0	22.3	18.9	17.2	13.7
	87.5°	10.3	8.6	6.9	5.1	5.1	1.7	1.7	1.7	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: P1048873

CATALOG NUMBER: GALN-SA7A-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°	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0.0	0.0	2.5°	97.8	96.1	96.1	96.1	96.1	94.4	94.4	94.4	94.4
0.0	0.0	5°	108.1	108.1	106.4	106.4	104.7	104.7	103.0	103.0	101.3
0.0	0.0	7.5°	127.0	125.3	123.6	121.8	120.1	116.7	115.0	113.3	113.3
0.0	0.0	10°	152.7	149.3	147.6	144.2	142.4	139.0	135.6	132.1	128.7
0.0	0.0	12.5°	200.8	193.9	188.8	181.9	175.0	169.9	163.0	157.9	151.0
0.0	0.0	15°	348.4	331.2	312.3	290.0	266.0	243.7	219.7	205.9	190.5
0.0	0.0	17.5°	890.7	801.4	710.5	636.7	562.9	490.8	417.0	363.8	310.6
0.0	0.0	20°	2267.0	2019.9	1772.8	1529.1	1283.7	1040.0	794.6	671.0	547.4
0.0	0.0	22.5°	4266.3	3808.1	3348.2	2903.7	2457.5	2013.0	1568.5	1288.8	1010.8
0.0	0.0	25°	6584.8	6008.2	5431.6	4700.5	3967.7	3236.6	2505.6	2050.8	1596.0
0.0	0.0	27.5°	8568.7	7904.5	7240.4	6351.4	5462.5	4573.5	3684.5	3006.7	2330.5
0.0	0.0	30°	10286.5	9572.6	8858.7	7823.9	6789.0	5754.2	4719.4	3871.6	3023.8
0.0	0.0	32.5°	11776.1	10921.5	10066.8	8999.4	7932.0	6864.5	5797.1	4757.1	3717.1
0.0	0.0	35°	13494.0	12496.9	11498.1	10314.0	9128.1	7944.0	6759.9	5586.0	4410.5
0.0	0.0	37.5°	15676.9	14453.3	13228.0	11908.3	10588.6	9270.6	7950.9	6608.8	5266.8
0.0	0.0	40°	19855.7	18276.8	16698.0	15021.3	13342.9	11666.3	9989.6	8342.1	6694.6
0.0	0.0	42.5°	27343.2	25210.0	23076.9	20845.9	18613.2	16382.2	14149.5	11825.9	9500.5
0.0	0.0	45°	35793.4	33147.1	30499.1	27995.3	25489.7	22985.9	20482.1	17293.5	14104.9
0.0	0.0	47.5°	40545.4	37688.0	34830.7	32460.7	30090.7	27720.7	25350.7	21913.3	18475.9
0.0	0.0	50°	42294.1	39385.3	36476.4	34295.2	32112.3	29931.1	27748.2	24305.6	20861.3
0.0	0.0	52.5°	42666.5	39699.3	36732.1	34537.2	32342.3	30149.1	27954.1	24533.9	21113.6
0.0	0.0	55°	43431.9	40248.5	37063.4	34561.2	32059.1	29557.0	27054.9	23579.7	20104.5
0.0	0.0	57.5°	44432.4	41168.4	37904.3	35053.8	32203.3	29354.5	26504.0	22704.5	18904.9
0.0	0.0	60°	44169.9	41329.7	38487.8	35434.7	32380.0	29327.0	26272.3	22093.5	17913.0
0.0	0.0	62.5°	39611.8	37350.0	35086.4	32575.7	30063.2	27552.5	25041.8	20739.5	16437.1
0.0	0.0	65°	32587.7	30936.8	29285.8	27265.9	25244.3	23224.5	21204.6	17346.7	13490.5
0.0	0.0	67.5°	26411.3	24551.0	22689.0	21079.3	19467.8	17858.1	16246.6	13210.8	10175.0
		70°	20983.2	18959.9	16934.8	15362.8	13789.1	12217.2	10645.2	8627.0	6610.6
		72.5°	16663.7	14839.4	13015.2	11338.5	9660.1	7983.5	6305.1	5112.4	3919.7
		75°	7964.6	7235.2	6505.9	5628.9	4752.0	3875.0	2998.1	2478.1	1959.8
		77.5°	2951.8	2558.8	2164.0	1807.1	1450.1	1094.9	737.9	676.2	614.4
		80°	763.7	665.9	566.3	496.0	423.9	353.5	283.2	255.7	230.0
		82.5°	87.5	80.7	75.5	72.1	66.9	63.5	58.3	53.2	48.1
		85°	5.1	3.4	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: P1048873

CATALOG NUMBER: GALN-SA7A-740-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	99.5	99.5
0.0	0.0	2.5°	92.7	91.0
0.0	0.0	5°	97.8	96.1
0.0	0.0	7.5°	108.1	104.7
0.0	0.0	10°	118.4	115.0
0.0	0.0	12.5°	133.9	128.7
0.0	0.0	15°	151.0	140.7
0.0	0.0	17.5°	180.2	157.9
0.0	0.0	20°	243.7	187.1
0.0	0.0	22.5°	343.2	233.4
0.0	0.0	25°	504.5	322.6
0.0	0.0	27.5°	701.9	429.0
0.0	0.0	30°	933.6	537.2
0.0	0.0	32.5°	1137.8	640.1
0.0	0.0	35°	1403.8	744.8
0.0	0.0	37.5°	1731.6	878.7
0.0	0.0	40°	2239.6	1081.2
0.0	0.0	42.5°	3154.3	1455.3
0.0	0.0	45°	5122.7	2515.9
0.0	0.0	47.5°	7882.2	4161.6
0.0	0.0	50°	9643.0	5311.4
0.0	0.0	52.5°	9787.1	5302.9
0.0	0.0	55°	8934.2	4714.2
0.0	0.0	57.5°	7623.1	3940.2
0.0	0.0	60°	6336.0	3116.5
0.0	0.0	62.5°	4992.2	2152.0
0.0	0.0	65°	3648.5	1522.2
0.0	0.0	67.5°	2620.5	1137.8
		70°	1723.0	871.8
		72.5°	1122.4	710.5
		75°	755.1	588.6
		77.5°	441.0	391.3
		80°	156.2	137.3
		82.5°	29.2	20.6
		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: P1048873

CATALOG NUMBER: GALN-SA7A-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

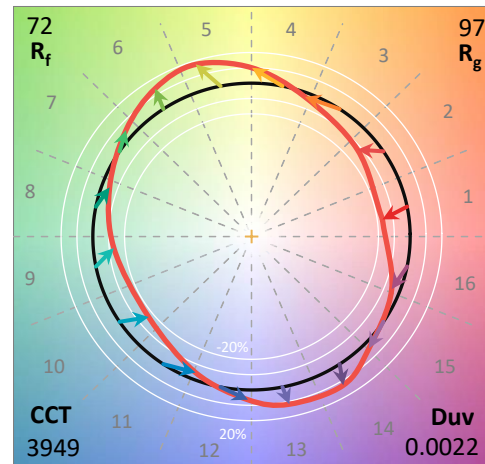
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

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

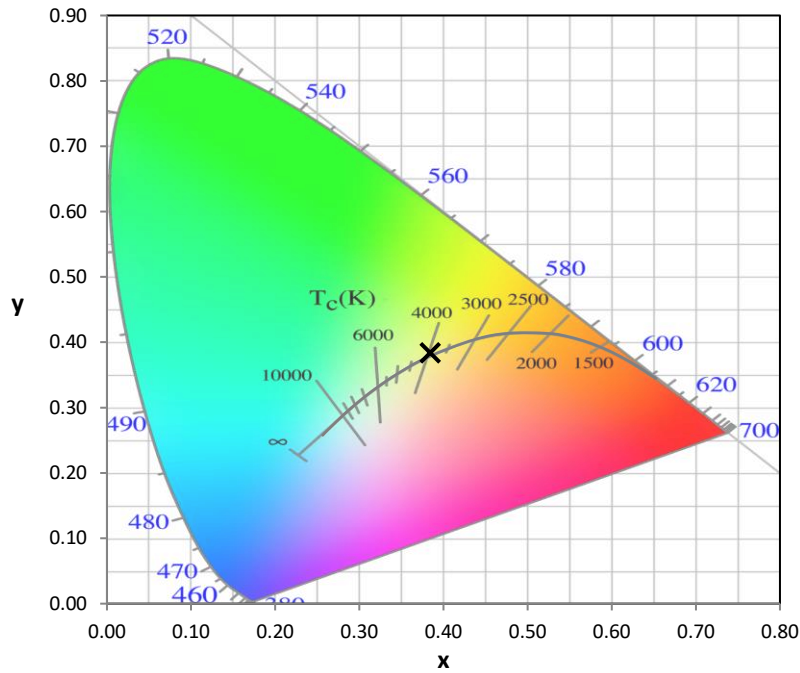
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

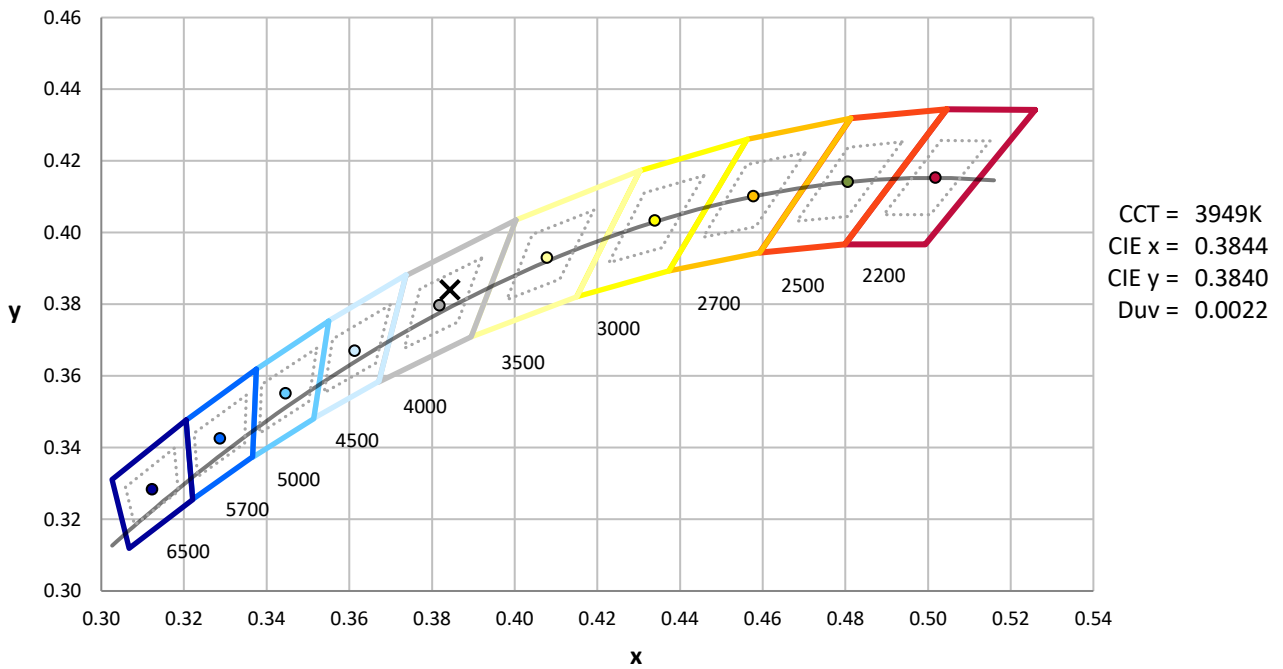
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



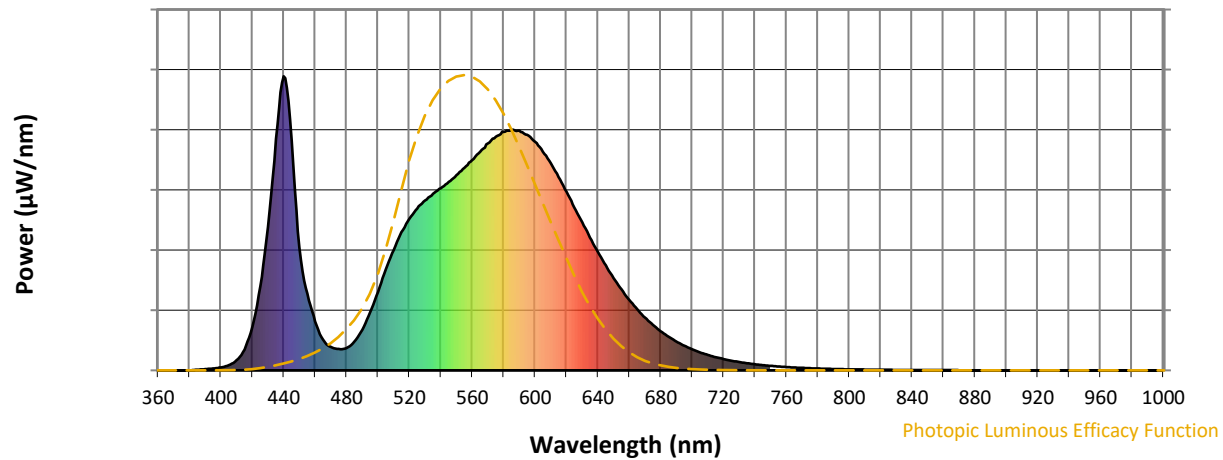
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

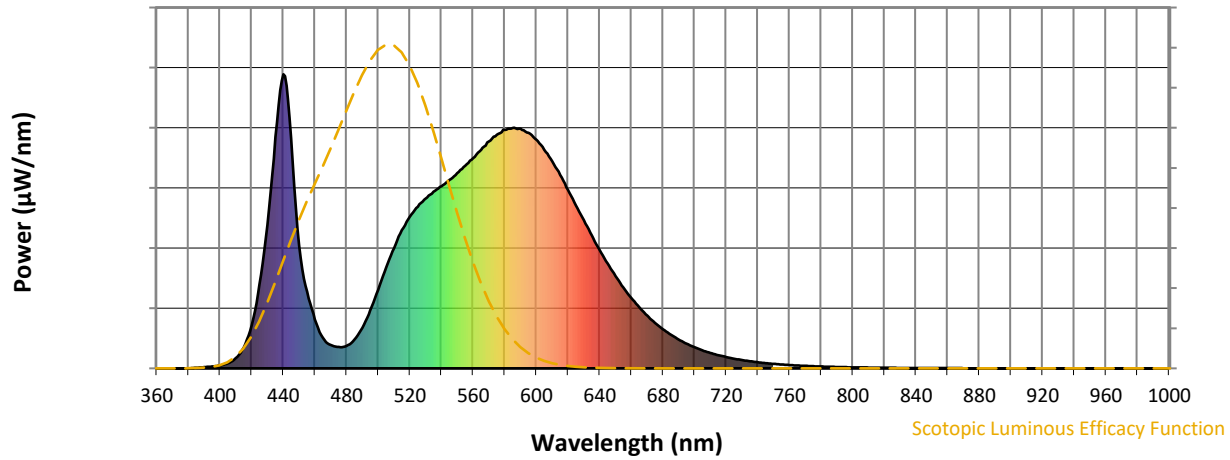


Photopic Lumens: NR

λ (nm)	Power W/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

Scotopic Flux vs. Wavelength



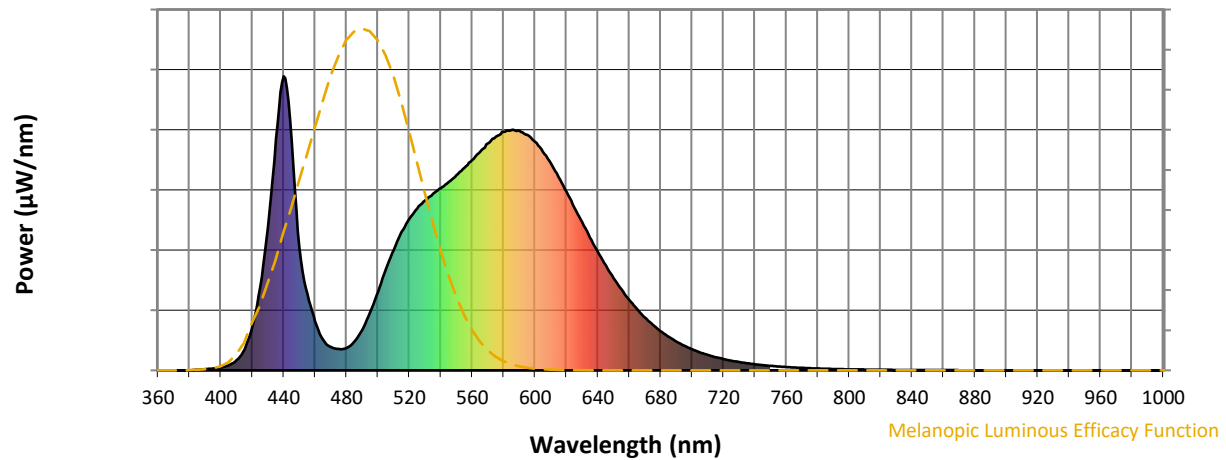
Scotopic Lumens: NR

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

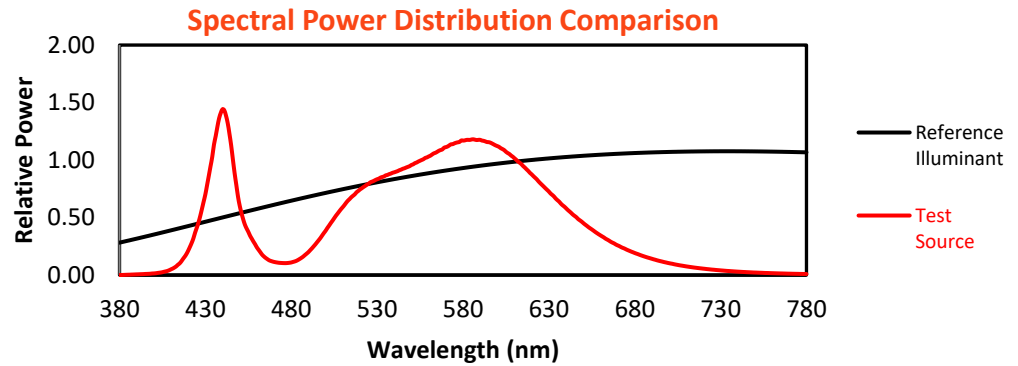
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	139	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

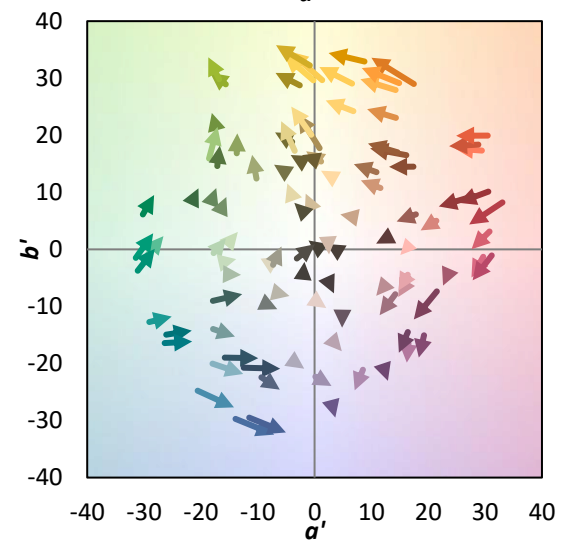
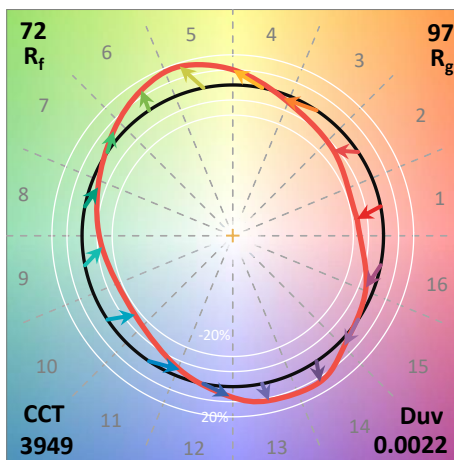
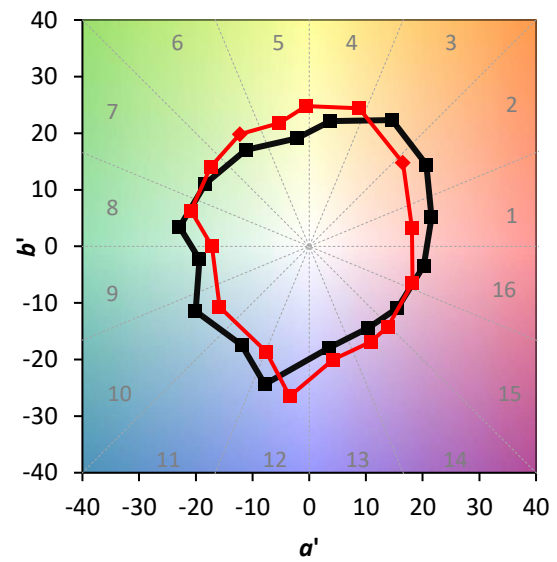
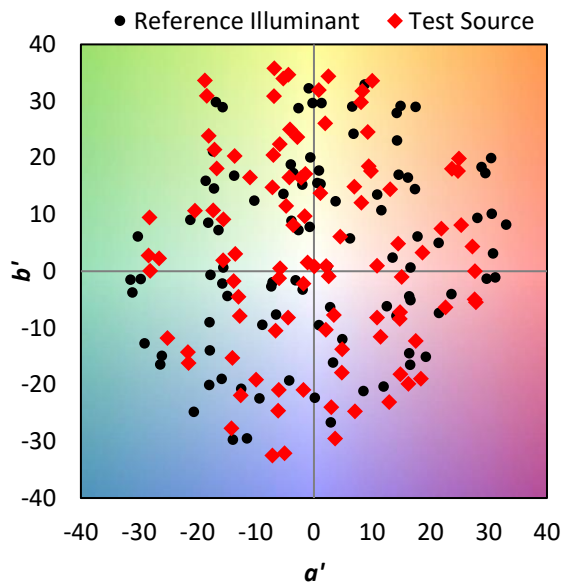
TM-30-18

Summary

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

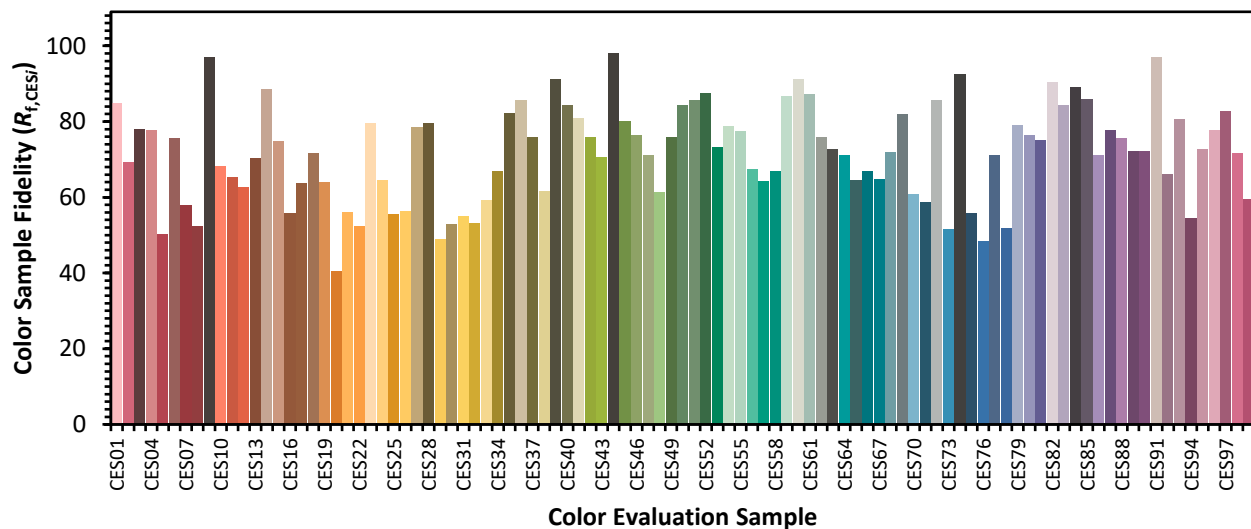


Color Vector Graphics

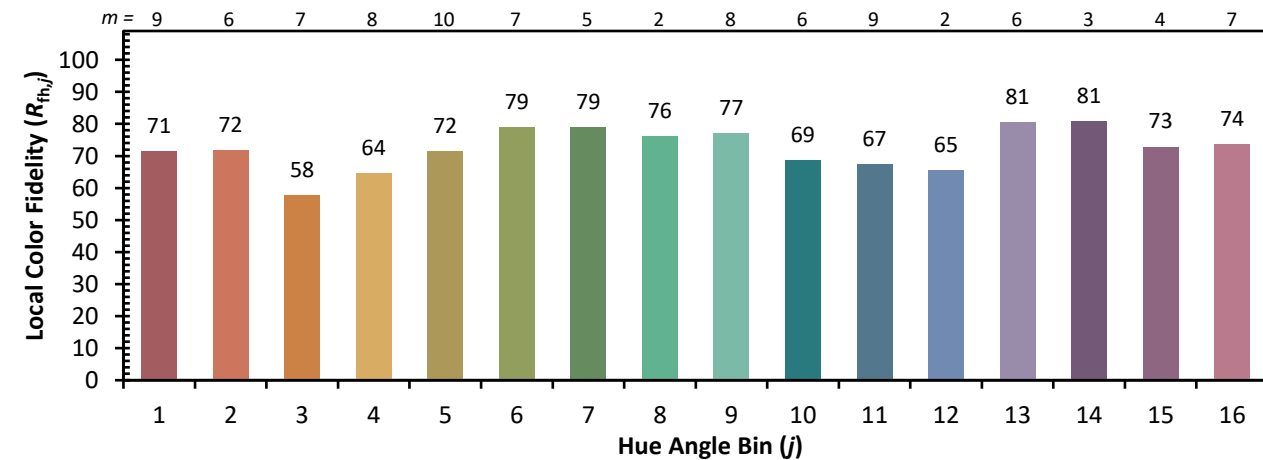
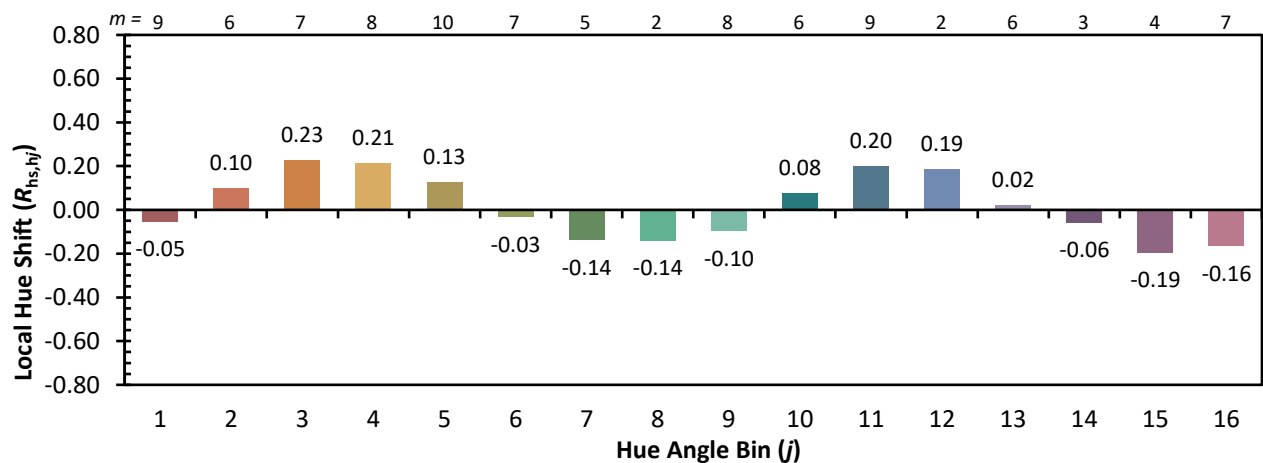
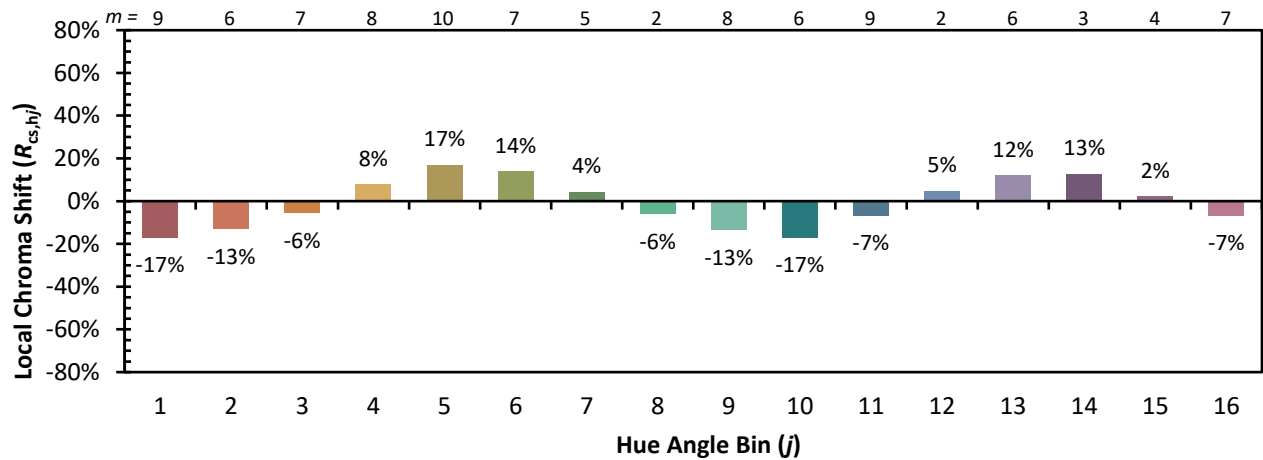


Individual Sample Fidelity Index ($R_{f,i}$)

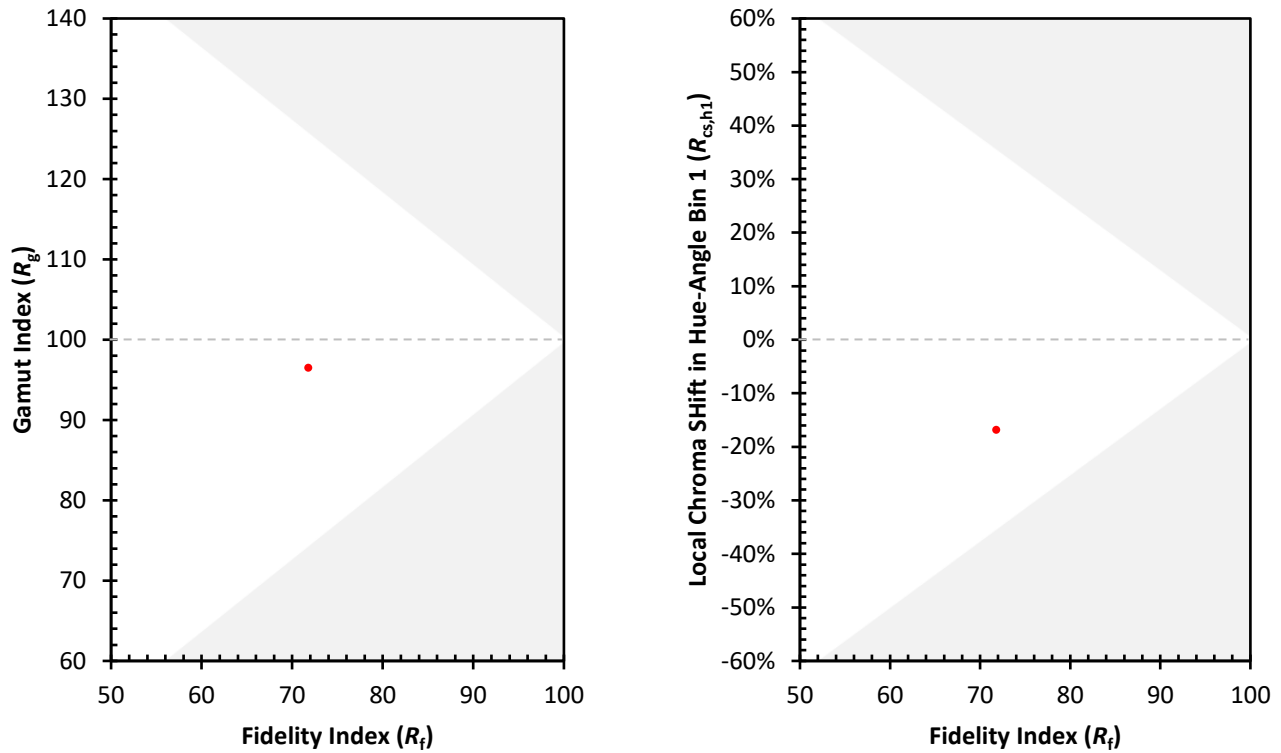
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82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