

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: P1048855

Luminaire Tested: **GALN-SA2C-740-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048855
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2C-740-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 2xLight Square PACKAGE
70CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10354.7 lumens
Efficiency: N/A
Efficacy: 107.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 96.2
Input Voltage (V): 120
Input Current (A_{in}): 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

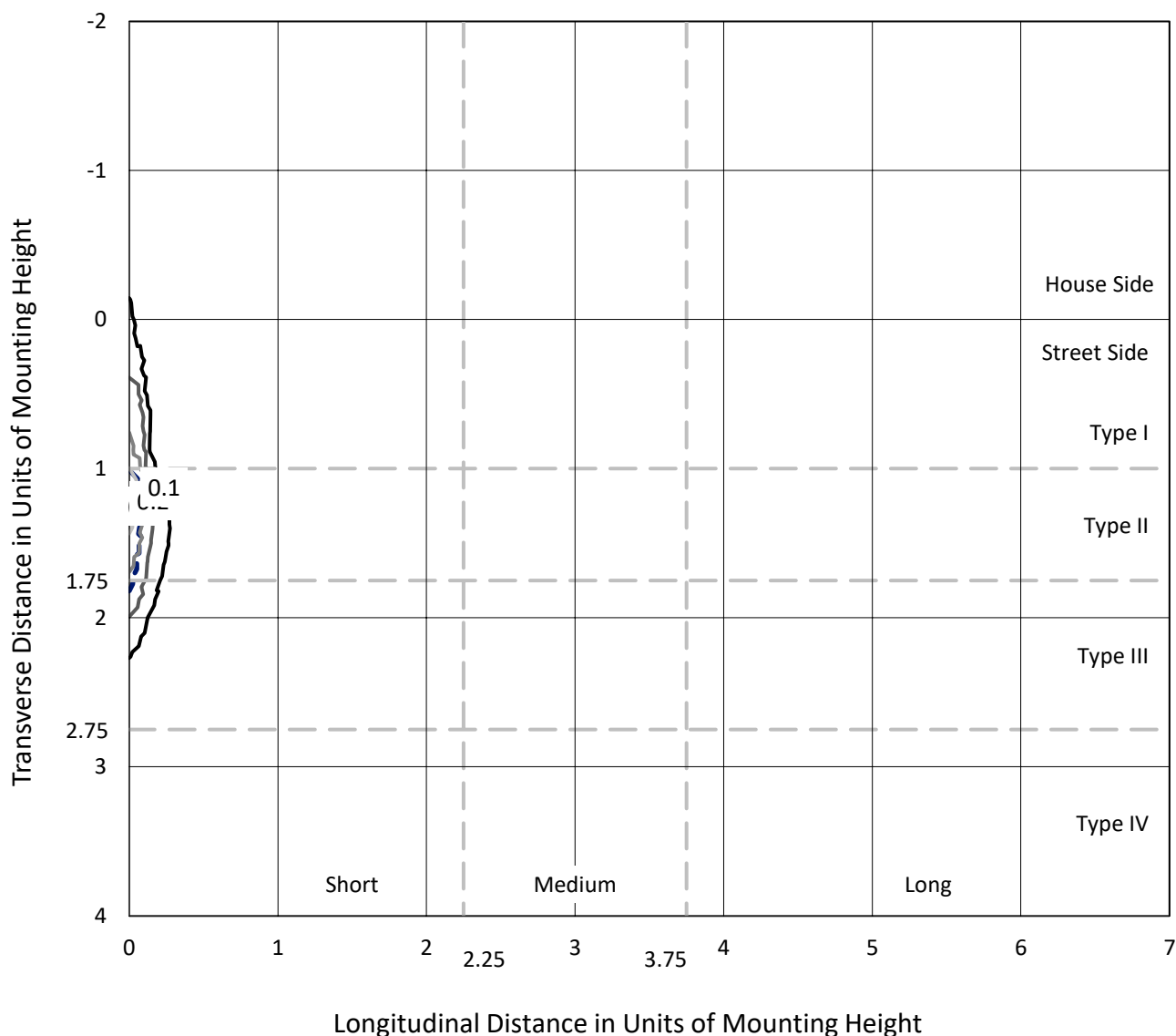
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

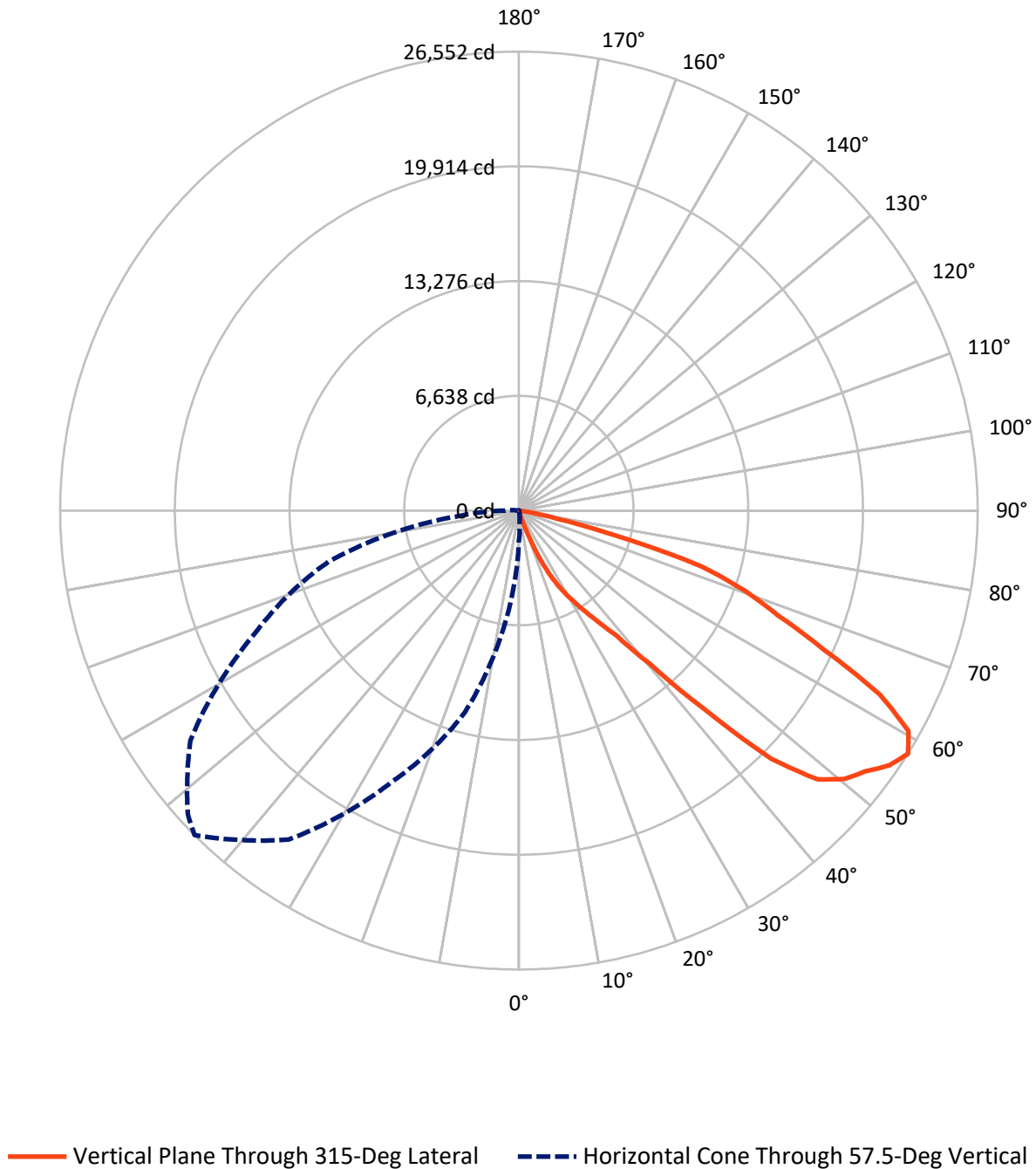


Based on 20 foot mounting height. Maximum calculated value = 1.5 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	51.9	0.0	51.9
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	10302.8	0.0	10302.8
	% Fixture	99.5	0.0	99.5
Total	Lumens	10354.7	0.0	10354.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.1	0.0
10°-20°	22.7	0.2
20°-30°	245.4	2.4
30°-40°	725.7	7.0
40°-50°	2162.7	20.9
50°-60°	3429.2	33.1
60°-70°	2862.6	27.6
70°-80°	882.7	8.5
80°-90°	19.6	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	10354.7	100.0
0°-180°	10354.7	100.0



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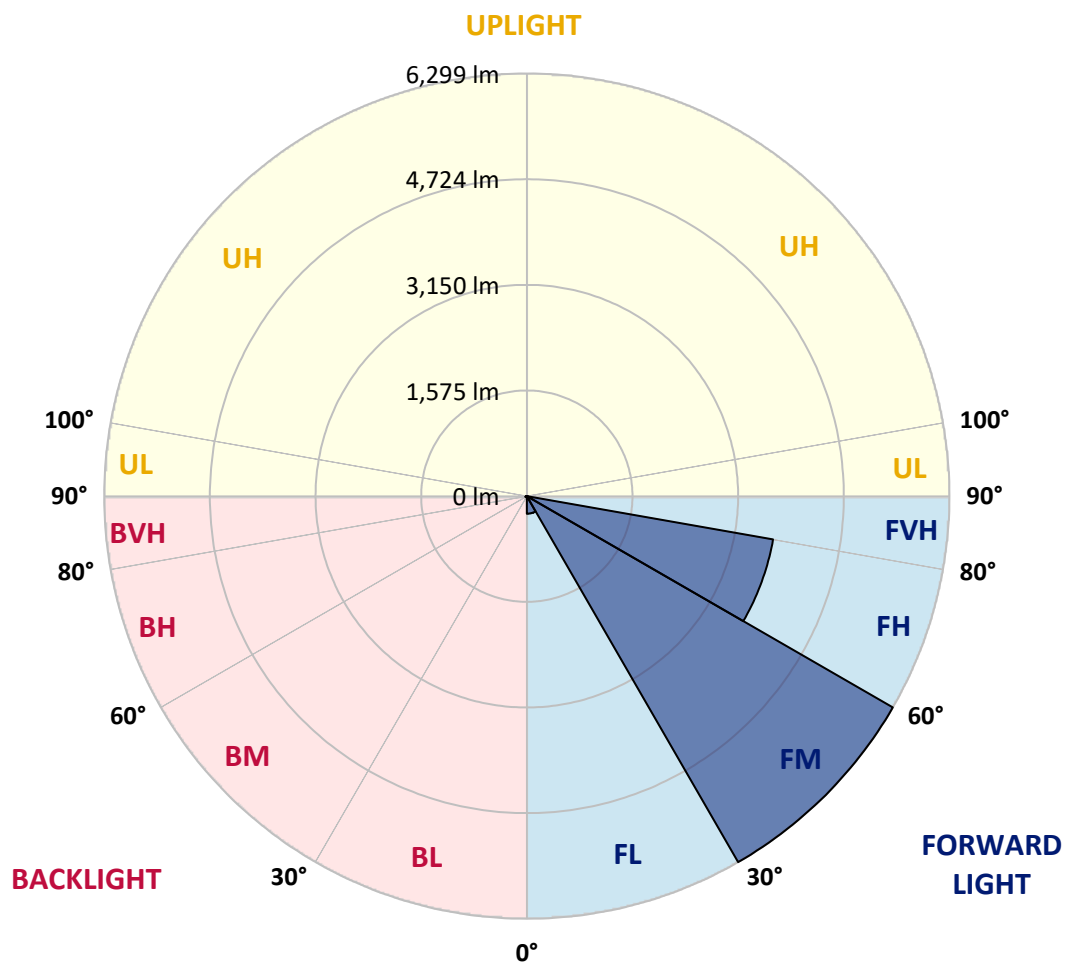
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	262.7	2.5			
FM	(30°-60°)	6299.0	60.8			
FH	(60°-80°)	3725.9	36.0			G2/5000
FVH	(80°-90°)	15.2	0.1			G1/100
BL	(0°-30°)	9.5	0.1	B0/110		
BM	(30°-60°)	18.5	0.2	B0/220		
BH	(60°-80°)	19.3	0.2	B0/110		G0/110
BVH	(80°-90°)	4.5	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



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
2.5°	41.5	41.5	41.5	41.5	40.7	40.7	39.9	39.9	39.1	39.1
5°	43.8	43.8	43.0	42.3	42.3	41.5	40.7	39.9	39.9	39.1
7.5°	47.7	46.9	46.2	45.4	43.8	43.0	41.5	40.7	39.9	38.3
10°	52.4	50.9	49.3	47.7	46.2	44.6	43.0	42.3	40.7	39.9
12.5°	58.7	56.3	53.2	50.9	49.3	46.9	45.4	43.8	41.5	39.9
15°	64.2	61.0	57.1	54.0	51.6	48.5	46.2	43.8	42.3	39.9
17.5°	72.0	66.5	60.3	56.3	53.2	49.3	45.4	43.0	40.7	37.6
20°	85.3	74.3	62.6	57.9	53.2	48.5	43.8	40.7	38.3	35.2
22.5°	106.4	87.6	68.9	61.8	55.6	48.5	42.3	39.1	36.0	32.9
25°	147.1	113.5	79.8	70.4	61.0	51.6	42.3	38.3	35.2	31.3
27.5°	195.6	145.5	94.7	81.4	68.9	55.6	42.3	37.6	33.6	29.0
30°	244.9	178.4	111.1	93.9	76.7	59.5	42.3	36.8	32.1	26.6
32.5°	291.9	208.9	125.2	104.9	84.5	63.4	43.0	36.8	30.5	24.3
35°	339.6	234.0	127.5	106.4	85.3	63.4	42.3	35.2	29.0	21.9
37.5°	400.6	262.1	122.9	101.7	81.4	60.3	39.9	33.6	27.4	20.3
40°	493.0	309.1	125.2	103.3	81.4	59.5	37.6	31.3	25.8	19.6
42.5°	663.6	399.9	135.4	110.3	85.3	59.5	34.4	29.0	24.3	18.8
45°	1147.1	664.3	181.5	144.0	106.4	68.9	31.3	26.6	22.7	18.0
47.5°	1897.5	1111.9	326.3	252.0	178.4	104.1	30.5	26.6	22.7	18.0
50°	2421.8	1416.3	410.8	316.1	221.4	126.8	32.1	27.4	23.5	18.8
52.5°	2417.9	1438.2	457.8	351.3	245.7	139.3	33.6	29.0	25.0	20.3
55°	2149.5	1308.3	466.4	358.4	251.2	143.2	36.0	31.3	26.6	21.9
57.5°	1796.6	1111.1	425.7	329.4	234.0	137.7	41.5	36.0	31.3	25.8
60°	1421.0	876.4	331.8	262.1	193.3	123.6	54.8	47.7	41.5	34.4
62.5°	981.2	635.4	289.5	232.4	176.1	118.9	62.6	55.6	49.3	42.3
65°	694.1	478.1	261.4	212.8	165.1	116.6	68.1	60.3	53.2	45.4
67.5°	518.8	380.3	241.0	199.5	158.1	116.6	75.1	65.7	57.1	47.7
70°	397.5	312.2	226.1	192.5	159.6	126.0	92.3	79.0	66.5	53.2
72.5°	324.0	266.8	208.9	184.7	160.4	136.2	111.9	94.7	77.5	59.5
75°	268.4	228.5	188.6	168.2	148.7	128.3	108.0	92.3	77.5	61.8
77.5°	178.4	162.8	146.3	134.6	122.9	110.3	98.6	85.3	72.8	59.5
80°	62.6	60.3	57.9	62.6	67.3	72.0	76.7	67.3	58.7	49.3
82.5°	9.4	8.6	7.8	8.6	9.4	10.2	11.0	11.7	12.5	13.3
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



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
0.0	2.5°	38.3	38.3	37.6	37.6	37.6	36.8	36.8	36.0	36.0	36.0
0.0	5°	37.6	37.6	36.8	36.0	35.2	35.2	34.4	33.6	33.6	32.9
0.0	7.5°	36.8	36.0	35.2	34.4	33.6	32.9	32.1	31.3	31.3	30.5
0.0	10°	37.6	36.0	35.2	33.6	32.9	32.1	30.5	29.7	29.0	29.0
0.0	12.5°	36.0	35.2	33.6	32.1	31.3	29.7	29.0	27.4	26.6	26.6
0.0	15°	36.0	34.4	32.1	30.5	29.0	28.2	26.6	25.0	24.3	23.5
0.0	17.5°	33.6	32.1	29.7	28.2	26.6	25.0	23.5	21.9	21.1	20.3
0.0	20°	30.5	29.0	26.6	24.3	22.7	21.1	19.6	18.0	17.2	16.4
0.0	22.5°	27.4	25.8	23.5	21.1	19.6	18.0	15.6	14.1	13.3	11.7
0.0	25°	25.8	23.5	21.1	18.8	16.4	14.9	12.5	10.2	8.6	7.0
0.0	27.5°	21.9	19.6	17.2	14.9	12.5	10.2	7.8	5.5	3.9	3.1
0.0	30°	18.8	16.4	14.1	11.7	8.6	6.3	3.9	0.8	0.8	0.8
0.0	32.5°	15.6	13.3	10.2	7.8	6.3	3.9	2.3	0.0	0.0	0.0
0.0	35°	12.5	10.2	7.0	4.7	3.9	2.3	1.6	0.0	0.0	0.0
0.0	37.5°	11.0	8.6	5.5	2.3	1.6	1.6	0.8	0.0	0.0	0.0
0.0	40°	10.2	7.0	3.9	0.8	0.8	0.8	0.0	0.0	0.0	0.0
0.0	42.5°	10.2	7.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	10.2	7.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	10.2	7.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	11.0	7.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	12.5	9.4	6.3	3.1	2.3	1.6	0.8	0.0	0.0	0.0
0.0	55°	15.6	14.1	11.7	10.2	7.8	5.5	2.3	0.0	0.0	0.0
0.0	57.5°	20.3	20.3	19.6	18.8	14.1	9.4	4.7	0.0	0.0	0.0
0.0	60°	27.4	27.4	27.4	27.4	20.3	14.1	7.0	0.0	0.0	0.0
0.0	62.5°	33.6	32.1	29.7	28.2	21.1	14.1	7.0	0.0	0.0	0.0
0.0	65°	33.6	30.5	26.6	22.7	17.2	11.7	5.5	0.0	0.0	0.0
0.0	67.5°	31.3	25.0	18.0	11.7	8.6	6.3	3.1	0.0	0.0	0.0
	70°	31.3	21.9	12.5	3.1	2.3	1.6	0.8	0.0	0.0	0.0
	72.5°	31.3	21.1	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	34.4	23.5	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	34.4	23.5	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	30.5	20.3	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	10.2	7.0	3.1	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



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
0.0	2.5°	35.2	35.2	35.2	34.4	34.4	34.4	34.4	33.6	33.6	33.6
0.0	5°	32.1	32.1	31.3	31.3	30.5	30.5	29.7	29.7	29.0	29.0
0.0	7.5°	29.7	29.0	29.0	28.2	27.4	27.4	26.6	26.6	25.8	25.0
0.0	10°	27.4	26.6	26.6	25.8	25.0	24.3	24.3	23.5	22.7	21.9
0.0	12.5°	25.0	24.3	23.5	22.7	21.9	21.1	21.1	20.3	19.6	18.8
0.0	15°	21.9	21.1	20.3	19.6	18.8	18.0	18.0	17.2	16.4	15.6
0.0	17.5°	18.8	18.0	18.0	17.2	16.4	15.6	14.9	13.3	12.5	11.7
0.0	20°	14.1	13.3	12.5	11.7	11.0	9.4	8.6	7.0	5.5	4.7
0.0	22.5°	9.4	7.8	7.0	5.5	3.9	3.1	2.3	0.8	0.0	0.0
0.0	25°	3.1	2.3	1.6	0.8	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: P1048855

CATALOG NUMBER: GALN-SA2C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048855

CATALOG NUMBER: GALN-SA2C-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°	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
0.0	2.5°	32.9	32.9	32.9	32.1	32.1	32.1	32.1	32.1	32.1	32.1
0.0	5°	28.2	28.2	28.2	27.4	27.4	26.6	26.6	26.6	25.8	25.8
0.0	7.5°	24.3	23.5	23.5	22.7	22.7	21.9	21.9	21.9	21.1	21.1
0.0	10°	20.3	19.6	19.6	18.8	18.8	18.0	18.0	17.2	17.2	16.4
0.0	12.5°	18.0	17.2	16.4	15.6	15.6	14.9	14.1	14.1	13.3	12.5
0.0	15°	14.1	13.3	12.5	11.7	11.0	10.2	9.4	9.4	8.6	7.8
0.0	17.5°	9.4	7.8	7.0	6.3	6.3	5.5	4.7	3.9	3.1	2.3
0.0	20°	2.3	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA2C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048855

CATALOG NUMBER: GALN-SA2C-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°	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
0.0	2.5°	32.1	31.3	31.3	31.3	32.1	32.1	32.1	32.1	32.1	32.1
0.0	5°	25.8	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
0.0	7.5°	21.1	20.3	20.3	20.3	20.3	19.6	19.6	19.6	19.6	19.6
0.0	10°	16.4	15.6	15.6	15.6	15.6	14.9	14.9	14.9	14.9	14.9
0.0	12.5°	11.7	11.7	11.0	11.0	11.0	10.2	10.2	10.2	10.2	9.4
0.0	15°	7.0	6.3	5.5	5.5	5.5	4.7	4.7	4.7	4.7	3.9
0.0	17.5°	1.6	1.6	0.8	0.8	0.8	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: P1048855

CATALOG NUMBER: GALN-SA2C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1048855

CATALOG NUMBER: GALN-SA2C-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°	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
0.0	2.5°	32.9	32.9	33.6	33.6	34.4	36.0	36.8	37.6	39.1	40.7
0.0	5°	25.8	26.6	26.6	27.4	28.2	29.0	29.7	30.5	32.1	33.6
0.0	7.5°	20.3	20.3	21.1	21.1	21.9	23.5	24.3	25.0	26.6	29.0
0.0	10°	15.6	15.6	16.4	16.4	17.2	18.8	19.6	20.3	21.9	24.3
0.0	12.5°	10.2	11.0	11.0	11.7	12.5	14.1	14.9	15.6	17.2	18.8
0.0	15°	4.7	5.5	5.5	6.3	7.0	8.6	9.4	10.2	11.7	14.1
0.0	17.5°	0.8	0.8	1.6	1.6	2.3	3.1	3.9	4.7	7.0	8.6
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.1
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
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



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CATALOG NUMBER: GALN-SA2C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048855

CATALOG NUMBER: GALN-SA2C-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°	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
0.0	2.5°	43.0	44.6	46.2	47.7	49.3	50.9	51.6	53.2	54.0	54.8
0.0	5°	36.8	38.3	40.7	42.3	43.8	45.4	46.9	47.7	48.5	49.3
0.0	7.5°	32.1	33.6	36.0	37.6	39.1	40.7	42.3	43.8	44.6	45.4
0.0	10°	27.4	29.7	31.3	33.6	35.2	36.8	38.3	39.9	41.5	42.3
0.0	12.5°	21.9	24.3	26.6	28.2	30.5	32.9	34.4	36.0	37.6	39.1
0.0	15°	17.2	19.6	21.9	23.5	25.8	28.2	30.5	32.1	33.6	35.2
0.0	17.5°	12.5	14.9	17.2	18.8	21.1	23.5	25.0	27.4	29.0	30.5
0.0	20°	6.3	8.6	11.0	13.3	15.6	18.0	19.6	21.9	23.5	25.0
0.0	22.5°	0.8	3.1	5.5	7.0	9.4	11.7	13.3	15.6	17.2	18.8
0.0	25°	0.0	0.8	2.3	3.1	3.9	5.5	7.0	8.6	10.2	11.7
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.8	1.6	3.1	4.7	6.3
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
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	0.8
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.6
	85°	0.0	0.0	0.0	0.0	0.0	1.6	2.3	3.9	4.7	5.5
	87.5°	0.0	0.8	1.6	2.3	3.1	4.7	6.3	7.8	8.6	9.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048855

CATALOG NUMBER: GALN-SA2C-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
45.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	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											
0.8											
3.1											
7.0											
10.2											
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REPORT NUMBER: P1048855

CATALOG NUMBER: GALN-SA2C-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°	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
0.0	2.5°	55.6	55.6	55.6	55.6	54.8	54.8	54.8	54.0	54.0	53.2
0.0	5°	50.9	51.6	51.6	51.6	51.6	51.6	51.6	51.6	50.9	50.9
0.0	7.5°	46.9	47.7	48.5	48.5	49.3	49.3	49.3	48.5	48.5	47.7
0.0	10°	44.6	45.4	45.4	46.2	46.2	46.2	46.2	46.2	46.2	46.2
0.0	12.5°	41.5	42.3	43.0	43.0	43.8	43.8	43.8	43.8	43.0	43.0
0.0	15°	37.6	39.1	39.9	40.7	40.7	41.5	41.5	41.5	41.5	41.5
0.0	17.5°	34.4	36.0	36.8	37.6	37.6	38.3	38.3	39.1	39.1	39.1
0.0	20°	28.2	29.7	30.5	32.1	32.9	33.6	34.4	35.2	35.2	36.0
0.0	22.5°	21.9	23.5	24.3	25.8	26.6	27.4	28.2	29.0	29.7	30.5
0.0	25°	15.6	17.2	18.0	19.6	20.3	21.1	21.9	22.7	22.7	23.5
0.0	27.5°	8.6	10.2	11.7	12.5	14.1	14.9	15.6	16.4	17.2	18.0
0.0	30°	3.9	4.7	5.5	7.0	7.8	8.6	9.4	11.0	11.7	12.5
0.0	32.5°	0.0	0.0	0.8	2.3	3.1	3.9	4.7	5.5	5.5	6.3
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.6	2.3	3.1
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°	1.6	1.6	1.6	2.3	2.3	2.3	2.3	2.3	2.3	2.3
	82.5°	3.9	4.7	5.5	5.5	6.3	6.3	6.3	6.3	5.5	5.5
	85°	7.8	8.6	9.4	9.4	10.2	10.2	10.2	10.2	10.2	10.2
	87.5°	11.0	11.7	12.5	12.5	13.3	13.3	13.3	13.3	13.3	13.3
	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: P1048855

CATALOG NUMBER: GALN-SA2C-740-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
45.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	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											
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2.3											
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REPORT NUMBER: P1048855

CATALOG NUMBER: GALN-SA2C-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°	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
0.0	2.5°	52.4	52.4	51.6	51.6	51.6	51.6	51.6	52.4	53.2	53.2
0.0	5°	50.1	50.1	49.3	49.3	49.3	50.1	50.1	50.9	51.6	52.4
0.0	7.5°	47.7	46.9	46.9	47.7	47.7	48.5	48.5	49.3	50.1	50.9
0.0	10°	46.2	45.4	45.4	45.4	46.2	46.2	46.9	47.7	48.5	49.3
0.0	12.5°	43.0	43.0	43.0	43.0	43.8	43.8	44.6	45.4	46.9	47.7
0.0	15°	41.5	40.7	40.7	40.7	40.7	41.5	41.5	43.0	44.6	45.4
0.0	17.5°	38.3	38.3	37.6	37.6	38.3	38.3	39.1	40.7	42.3	43.0
0.0	20°	35.2	34.4	33.6	33.6	34.4	34.4	35.2	36.8	38.3	39.1
0.0	22.5°	30.5	29.7	29.7	29.7	29.7	30.5	30.5	32.1	34.4	36.0
0.0	25°	24.3	25.0	25.0	25.8	25.8	26.6	27.4	29.0	31.3	32.9
0.0	27.5°	18.8	19.6	19.6	21.1	21.9	22.7	23.5	25.8	28.2	29.7
0.0	30°	14.1	14.9	15.6	16.4	18.0	19.6	21.1	23.5	25.8	27.4
0.0	32.5°	8.6	10.2	11.0	12.5	14.1	15.6	17.2	19.6	22.7	25.0
0.0	35°	6.3	7.0	8.6	9.4	11.0	12.5	14.1	17.2	19.6	22.7
0.0	37.5°	3.1	4.7	6.3	7.8	9.4	11.0	12.5	15.6	18.8	21.1
0.0	40°	2.3	3.9	4.7	6.3	8.6	10.2	11.7	14.9	18.0	21.1
0.0	42.5°	1.6	2.3	3.1	5.5	7.0	9.4	11.7	14.9	18.0	21.1
0.0	45°	1.6	1.6	2.3	4.7	7.0	10.2	12.5	15.6	18.0	21.1
0.0	47.5°	1.6	2.3	3.1	6.3	7.8	10.2	12.5	14.9	18.0	20.3
0.0	50°	2.3	3.1	3.9	7.0	8.6	11.0	12.5	15.6	18.0	21.1
0.0	52.5°	1.6	2.3	3.1	6.3	8.6	11.7	14.1	17.2	20.3	22.7
0.0	55°	0.8	0.8	0.8	4.7	9.4	13.3	18.0	20.3	23.5	25.8
0.0	57.5°	0.0	0.0	0.0	3.1	9.4	14.9	20.3	23.5	26.6	29.0
0.0	60°	0.0	0.0	0.0	3.1	9.4	14.9	20.3	24.3	28.2	32.1
0.0	62.5°	0.0	0.0	0.0	3.1	7.8	12.5	17.2	23.5	30.5	36.8
0.0	65°	0.0	0.0	0.0	2.3	6.3	10.2	14.1	23.5	32.9	41.5
0.0	67.5°	0.0	0.0	0.0	2.3	6.3	9.4	13.3	23.5	32.9	43.0
	70°	0.0	0.0	0.0	2.3	6.3	10.2	14.1	23.5	32.9	42.3
	72.5°	0.0	0.0	0.0	2.3	7.0	11.0	15.6	23.5	31.3	39.1
	75°	0.0	0.0	0.0	3.1	7.0	11.7	16.4	23.5	30.5	36.8
	77.5°	0.0	0.0	0.0	2.3	7.0	11.0	15.6	22.7	29.7	36.0
	80°	2.3	1.6	1.6	3.9	7.0	10.2	13.3	20.3	28.2	35.2
	82.5°	4.7	4.7	3.9	5.5	7.0	9.4	11.7	18.0	25.0	31.3
	85°	9.4	9.4	8.6	9.4	9.4	10.2	11.0	14.1	17.2	20.3
	87.5°	12.5	12.5	11.7	11.7	11.7	11.0	11.0	11.0	11.0	10.2
	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: P1048855

CATALOG NUMBER: GALN-SA2C-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
45.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.6											
46.9											
43.8											
43.0											
42.3											
37.6											
23.5											
10.2											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1048855

CATALOG NUMBER: GALN-SA2C-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°	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
0.0	2.5°	54.8	55.6	55.6	56.3	57.1	57.9	57.9	58.7	58.7	58.7
0.0	5°	54.0	55.6	56.3	57.1	57.9	58.7	59.5	60.3	61.0	61.0
0.0	7.5°	53.2	54.0	55.6	56.3	57.9	58.7	60.3	61.0	61.8	62.6
0.0	10°	51.6	53.2	54.8	56.3	57.9	59.5	61.0	62.6	64.2	64.9
0.0	12.5°	50.1	52.4	54.0	55.6	57.9	60.3	61.8	64.2	65.7	67.3
0.0	15°	49.3	50.9	53.2	54.8	57.9	61.0	63.4	66.5	69.6	72.0
0.0	17.5°	46.9	50.1	52.4	54.8	57.9	61.8	64.9	68.1	72.8	77.5
0.0	20°	43.8	46.2	49.3	51.6	56.3	60.3	64.9	68.9	75.9	82.9
0.0	22.5°	40.7	43.8	46.2	49.3	54.8	59.5	64.9	69.6	81.4	92.3
0.0	25°	37.6	41.5	44.6	47.7	54.0	60.3	66.5	72.8	92.3	111.9
0.0	27.5°	36.0	39.1	43.0	46.2	54.0	62.6	70.4	78.2	109.5	140.1
0.0	30°	33.6	37.6	40.7	44.6	54.8	64.9	75.1	85.3	133.0	180.8
0.0	32.5°	31.3	35.2	39.1	43.0	56.3	69.6	82.2	95.5	158.1	219.9
0.0	35°	29.0	33.6	37.6	41.5	58.7	76.7	93.9	111.1	180.8	249.6
0.0	37.5°	28.2	32.9	36.8	40.7	59.5	77.5	96.2	114.2	183.1	252.0
0.0	40°	29.0	32.9	37.6	41.5	57.1	72.8	87.6	103.3	175.3	246.5
0.0	42.5°	29.0	33.6	38.3	43.0	55.6	68.1	80.6	93.1	172.9	252.7
0.0	45°	28.2	32.9	37.6	42.3	54.0	64.9	76.7	87.6	187.0	285.6
0.0	47.5°	27.4	32.1	36.8	41.5	53.2	64.9	76.7	88.4	241.8	394.4
0.0	50°	27.4	32.1	36.0	39.9	54.0	68.9	82.9	97.0	352.1	606.4
0.0	52.5°	29.0	32.9	36.0	39.1	55.6	72.8	89.2	105.6	447.6	788.8
0.0	55°	31.3	33.6	36.8	39.1	59.5	79.0	99.4	118.9	476.5	834.1
0.0	57.5°	34.4	36.8	39.1	41.5	66.5	91.6	115.8	140.8	478.9	816.1
0.0	60°	38.3	41.5	43.8	46.2	72.8	100.2	126.8	153.4	433.5	712.9
0.0	62.5°	46.9	50.9	54.0	57.9	83.7	108.8	134.6	159.6	359.9	560.3
0.0	65°	54.0	57.1	60.3	63.4	88.4	114.2	139.3	164.3	305.2	446.0
0.0	67.5°	55.6	58.7	61.0	64.2	90.0	115.8	140.8	166.7	261.4	355.3
	70°	56.3	60.3	64.9	68.9	95.5	122.1	147.9	174.5	231.6	288.7
	72.5°	54.0	61.8	68.9	75.9	100.9	125.2	150.2	174.5	215.2	255.9
	75°	54.0	64.9	75.1	85.3	104.1	122.1	140.8	158.8	190.1	221.4
	77.5°	57.1	71.2	85.3	99.4	110.3	120.5	131.5	141.6	162.0	182.3
	80°	57.1	72.0	86.1	100.9	105.6	111.1	115.8	120.5	122.9	125.2
	82.5°	49.3	61.0	72.8	84.5	79.0	73.6	68.1	62.6	58.7	54.0
	85°	25.0	27.4	29.0	30.5	28.2	25.8	23.5	21.1	19.6	17.2
	87.5°	10.2	10.2	9.4	9.4	9.4	9.4	8.6	8.6	8.6	8.6
	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: P1048855

CATALOG NUMBER: GALN-SA2C-740-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
45.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
231.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
313.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
392.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
445.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
485.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
525.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
603.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
759.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1158.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1773.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2233.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2284.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2061.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1762.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1377.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1040.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
768.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
543.8											
404.5											
294.2											
221.4											
124.4											
56.3											
16.4											
7.8											
0.0											
0.0											
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REPORT NUMBER: P1048855

CATALOG NUMBER: GALN-SA2C-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°	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
0.0	2.5°	58.7	57.9	57.9	57.1	56.3	55.6	54.8	54.0	53.2	52.4
0.0	5°	61.0	61.0	61.0	60.3	60.3	59.5	59.5	58.7	57.9	57.1
0.0	7.5°	63.4	64.2	64.2	64.9	64.9	64.9	64.9	64.2	64.2	64.2
0.0	10°	67.3	68.1	68.9	69.6	70.4	71.2	71.2	72.0	72.0	72.0
0.0	12.5°	72.0	74.3	75.9	78.2	79.8	82.2	83.7	86.1	87.6	89.2
0.0	15°	79.0	82.9	87.6	91.6	95.5	100.9	107.2	112.7	118.2	126.8
0.0	17.5°	89.2	101.7	114.2	126.0	138.5	165.9	193.3	219.9	247.3	287.2
0.0	20°	108.8	146.3	183.1	220.7	257.4	353.7	449.2	545.4	640.9	743.4
0.0	22.5°	152.6	244.9	337.3	429.6	521.9	723.0	923.3	1124.4	1324.8	1560.3
0.0	25°	221.4	391.2	561.0	730.1	899.9	1214.4	1529.8	1844.3	2158.9	2464.9
0.0	27.5°	322.4	582.2	842.0	1101.0	1360.8	1787.2	2214.5	2640.9	3067.4	3413.2
0.0	30°	446.8	798.9	1151.0	1503.2	1855.3	2340.4	2825.6	3309.9	3795.1	4173.0
0.0	32.5°	564.2	995.3	1426.5	1856.9	2288.0	2840.5	3393.7	3946.1	4498.6	4911.7
0.0	35°	640.9	1162.0	1683.9	2205.1	2726.2	3324.0	3921.9	4518.9	5116.7	5588.6
0.0	37.5°	717.5	1319.3	1920.2	2522.0	3122.9	3779.4	4436.0	5092.5	5749.0	6331.9
0.0	40°	803.6	1509.4	2214.5	2920.3	3625.3	4403.1	5180.1	5957.9	6734.9	7557.3
0.0	42.5°	953.1	1824.8	2697.3	3569.0	4440.7	5469.6	6498.6	7526.8	8555.8	9729.5
0.0	45°	1234.0	2462.5	3691.8	4920.3	6148.8	7511.9	8875.8	10238.9	11602.0	13163.9
0.0	47.5°	1921.8	3612.0	5301.4	6991.6	8681.0	10152.9	11623.9	13095.8	14566.9	16122.5
0.0	50°	2940.6	4907.8	6875.0	8841.4	10808.6	12140.4	13471.4	14803.2	16134.2	17613.9
0.0	52.5°	3677.7	5727.1	7777.2	9826.6	11875.9	13077.8	14280.5	15482.4	16684.3	18067.0
0.0	55°	3733.3	5770.9	7809.3	9846.9	11884.5	13091.9	14299.3	15506.7	16714.1	18179.7
0.0	57.5°	3305.3	5326.4	7346.8	9368.0	11388.4	12763.3	14137.3	15512.2	16886.2	18470.8
0.0	60°	2811.5	4833.5	6854.6	8876.6	10897.8	12481.6	14066.1	15649.9	17233.6	18718.0
0.0	62.5°	2193.3	4273.2	6353.8	8433.7	10513.6	12121.6	13729.6	15336.9	16944.9	18058.4
0.0	65°	1634.6	3654.2	5673.9	7692.7	9712.3	11000.3	12288.3	13575.5	14863.5	15552.8
0.0	67.5°	1181.6	2923.4	4664.4	6406.3	8147.3	9069.1	9990.9	10911.9	11833.7	12361.1
	70°	798.9	2005.5	3211.4	4418.0	5623.8	6381.2	7139.5	7896.9	8654.4	9366.5
	72.5°	553.2	1230.9	1909.3	2586.9	3264.6	4026.7	4788.1	5550.2	6311.6	7065.1
	75°	367.0	675.3	984.4	1292.7	1601.0	2165.2	2730.1	3294.3	3858.5	4307.6
	77.5°	260.6	352.9	446.0	538.4	630.7	736.3	842.7	948.4	1054.0	1214.4
	80°	123.6	135.4	147.1	158.1	169.8	208.1	246.5	284.8	323.2	363.9
	82.5°	58.7	63.4	68.1	72.0	76.7	80.6	84.5	88.4	92.3	88.4
	85°	15.6	15.6	16.4	16.4	16.4	16.4	16.4	16.4	16.4	15.6
	87.5°	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.3	6.3	5.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA2C-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
45.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
326.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
846.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1795.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2770.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3759.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4551.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5325.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6060.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6915.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8379.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10903.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14725.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17678.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19093.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19449.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19646.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20055.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20201.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19172.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16243.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12889.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10077.7											
7818.7											
4756.8											
1374.8											
404.5											
83.7											
14.9											
5.5											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											

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CATALOG NUMBER: GALN-SA2C-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
0.0	2.5°	50.9	50.1	49.3	48.5	47.7	46.2	46.2	45.4	45.4
0.0	5°	55.6	54.8	54.0	53.2	53.2	52.4	51.6	51.6	50.9
0.0	7.5°	63.4	62.6	61.8	61.0	61.0	60.3	60.3	59.5	59.5
0.0	10°	72.8	72.8	72.8	72.8	72.8	72.0	72.0	72.0	71.2
0.0	12.5°	91.6	92.3	93.9	95.5	97.8	97.8	97.8	97.0	97.0
0.0	15°	144.8	153.4	159.6	165.9	171.4	183.9	182.3	180.0	178.4
0.0	17.5°	366.2	405.3	426.5	446.8	467.9	525.8	516.4	507.1	498.4
0.0	20°	949.2	1051.7	1119.7	1187.8	1256.7	1365.5	1338.8	1312.2	1285.6
0.0	22.5°	2030.6	2266.1	2368.6	2471.1	2572.8	2704.3	2619.0	2533.7	2449.2
0.0	25°	3076.0	3381.9	3554.9	3727.8	3899.9	3975.1	3864.0	3752.1	3640.9
0.0	27.5°	4105.0	4450.8	4603.4	4755.2	4907.8	5065.1	4927.4	4788.9	4651.1
0.0	30°	4929.7	5307.7	5472.8	5637.1	5802.2	5911.7	5769.3	5626.1	5483.7
0.0	32.5°	5738.8	6152.0	6332.7	6513.5	6693.5	6850.7	6675.5	6499.4	6324.1
0.0	35°	6531.5	7003.3	7252.2	7501.0	7749.8	7896.1	7688.0	7479.1	7270.9
0.0	37.5°	7498.6	8081.6	8360.2	8638.7	8917.3	9184.1	8954.9	8724.8	8495.5
0.0	40°	9202.1	10024.5	10451.8	10879.8	11307.0	11651.3	11361.8	11072.3	10782.8
0.0	42.5°	12077.0	13250.7	13865.0	14478.5	15092.7	15630.3	15325.9	15021.5	14717.1
0.0	45°	16287.6	17849.5	18598.3	19346.4	20095.2	20488.0	20049.8	19610.9	19172.7
0.0	47.5°	19232.9	20788.5	21455.2	22121.9	22788.6	23236.9	22700.9	22164.9	21629.7
0.0	50°	20572.5	22052.2	22721.3	23389.5	24058.6	24414.6	23795.6	23175.9	22556.9
0.0	52.5°	20831.5	22214.2	23012.4	23811.3	24609.4	25085.2	24354.3	23622.7	22891.9
0.0	55°	21111.7	22577.3	23503.0	24429.5	25355.1	26014.0	25187.7	24360.6	23534.3
0.0	57.5°	21639.1	23223.6	24147.0	25069.5	25992.9	26552.4	25723.7	24894.3	24065.6
0.0	60°	21686.0	23169.6	23963.1	24757.3	25550.8	25902.9	25110.2	24316.8	23524.1
0.0	62.5°	20286.2	21399.6	21950.5	22501.4	23052.3	23434.9	22607.8	21779.9	20952.8
0.0	65°	16932.4	17621.8	18060.7	18499.7	18938.7	19394.9	18637.4	17880.0	17122.5
0.0	67.5°	13416.6	13944.0	14522.3	15100.6	15678.8	16166.3	15559.9	14952.7	14346.2
	70°	10789.8	11501.1	12151.3	12801.6	13451.9	13850.9	13242.1	12632.6	12023.8
	72.5°	8572.2	9325.8	9868.8	10411.1	10954.1	11051.9	10604.4	10156.8	9710.0
	75°	5205.1	5654.3	5665.3	5675.4	5686.4	5779.5	5408.6	5037.7	4667.6
	77.5°	1535.3	1695.7	1827.9	1959.4	2091.6	2251.2	2115.1	1978.1	1842.0
	80°	444.5	485.1	519.6	553.2	587.7	567.3	535.2	503.1	471.1
	82.5°	79.8	75.1	74.3	73.6	73.6	69.6	63.4	57.1	50.9
	85°	14.1	13.3	12.5	11.7	11.0	10.2	8.6	7.8	6.3
	87.5°	4.7	3.9	3.1	2.3	2.3	0.8	0.8	0.8	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



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CATALOG NUMBER: GALN-SA2C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048855

CATALOG NUMBER: GALN-SA2C-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°	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
0.0	0.0	2.5°	44.6	43.8	43.8	43.8	43.8	43.0	43.0	43.0	43.0
0.0	0.0	5°	49.3	49.3	48.5	48.5	47.7	47.7	46.9	46.9	46.2
0.0	0.0	7.5°	57.9	57.1	56.3	55.6	54.8	53.2	52.4	51.6	51.6
0.0	0.0	10°	69.6	68.1	67.3	65.7	64.9	63.4	61.8	60.3	58.7
0.0	0.0	12.5°	91.6	88.4	86.1	82.9	79.8	77.5	74.3	72.0	68.9
0.0	0.0	15°	158.8	151.0	142.4	132.2	121.3	111.1	100.2	93.9	86.9
0.0	0.0	17.5°	406.1	365.4	324.0	290.3	256.7	223.8	190.1	165.9	141.6
0.0	0.0	20°	1033.7	921.0	808.3	697.2	585.3	474.2	362.3	306.0	249.6
0.0	0.0	22.5°	1945.3	1736.4	1526.6	1324.0	1120.5	917.9	715.2	587.7	460.9
0.0	0.0	25°	3002.4	2739.5	2476.6	2143.3	1809.1	1475.8	1142.4	935.1	727.7
0.0	0.0	27.5°	3907.0	3604.2	3301.3	2896.0	2490.7	2085.3	1680.0	1370.9	1062.6
0.0	0.0	30°	4690.3	4364.8	4039.2	3567.4	3095.5	2623.7	2151.9	1765.3	1378.8
0.0	0.0	32.5°	5369.5	4979.8	4590.1	4103.4	3616.7	3130.0	2643.3	2169.1	1694.9
0.0	0.0	35°	6152.7	5698.1	5242.7	4702.8	4162.1	3622.2	3082.2	2547.0	2011.0
0.0	0.0	37.5°	7148.1	6590.2	6031.5	5429.7	4828.0	4227.0	3625.3	3013.4	2401.5
0.0	0.0	40°	9053.5	8333.6	7613.7	6849.2	6083.9	5319.4	4554.9	3803.7	3052.5
0.0	0.0	42.5°	12467.5	11494.8	10522.2	9505.0	8486.9	7469.7	6451.7	5392.2	4331.9
0.0	0.0	45°	16320.5	15113.9	13906.5	12764.8	11622.4	10480.7	9339.1	7885.2	6431.3
0.0	0.0	47.5°	18487.2	17184.3	15881.5	14800.9	13720.2	12639.6	11559.0	9991.7	8424.3
0.0	0.0	50°	19284.6	17958.2	16631.9	15637.4	14642.0	13647.5	12652.1	11082.5	9512.0
0.0	0.0	52.5°	19454.4	18101.4	16748.5	15747.7	14746.9	13746.9	12746.0	11186.5	9627.0
0.0	0.0	55°	19803.4	18351.8	16899.5	15758.6	14617.8	13476.9	12336.0	10751.5	9166.9
0.0	0.0	57.5°	20259.5	18771.2	17282.9	15983.2	14683.5	13384.6	12084.8	10352.4	8620.0
0.0	0.0	60°	20139.8	18844.8	17549.0	16156.9	14764.1	13372.0	11979.2	10073.8	8167.7
0.0	0.0	62.5°	18061.5	17030.2	15998.1	14853.3	13707.7	12562.9	11418.1	9456.4	7494.7
0.0	0.0	65°	14858.8	14106.0	13353.3	12432.3	11510.5	10589.5	9668.5	7909.4	6151.2
0.0	0.0	67.5°	12042.6	11194.4	10345.4	9611.4	8876.6	8142.6	7407.9	6023.6	4639.4
		70°	9567.6	8645.0	7721.6	7004.9	6287.3	5570.6	4853.8	3933.6	3014.2
		72.5°	7598.0	6766.2	5934.4	5169.9	4404.7	3640.2	2874.9	2331.0	1787.2
		75°	3631.6	3299.0	2966.4	2566.6	2166.7	1766.9	1367.0	1129.9	893.6
		77.5°	1345.9	1166.7	986.7	824.0	661.2	499.2	336.5	308.3	280.1
		80°	348.2	303.6	258.2	226.1	193.3	161.2	129.1	116.6	104.9
		82.5°	39.9	36.8	34.4	32.9	30.5	29.0	26.6	24.3	21.9
		85°	2.3	1.6	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



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CATALOG NUMBER: GALN-SA2C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048855

CATALOG NUMBER: GALN-SA2C-740-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	45.4	45.4
0.0	0.0	2.5°	42.3	41.5
0.0	0.0	5°	44.6	43.8
0.0	0.0	7.5°	49.3	47.7
0.0	0.0	10°	54.0	52.4
0.0	0.0	12.5°	61.0	58.7
0.0	0.0	15°	68.9	64.2
0.0	0.0	17.5°	82.2	72.0
0.0	0.0	20°	111.1	85.3
0.0	0.0	22.5°	156.5	106.4
0.0	0.0	25°	230.1	147.1
0.0	0.0	27.5°	320.0	195.6
0.0	0.0	30°	425.7	244.9
0.0	0.0	32.5°	518.8	291.9
0.0	0.0	35°	640.1	339.6
0.0	0.0	37.5°	789.5	400.6
0.0	0.0	40°	1021.2	493.0
0.0	0.0	42.5°	1438.2	663.6
0.0	0.0	45°	2335.7	1147.1
0.0	0.0	47.5°	3594.0	1897.5
0.0	0.0	50°	4396.8	2421.8
0.0	0.0	52.5°	4462.6	2417.9
0.0	0.0	55°	4073.7	2149.5
0.0	0.0	57.5°	3475.8	1796.6
0.0	0.0	60°	2889.0	1421.0
0.0	0.0	62.5°	2276.3	981.2
0.0	0.0	65°	1663.6	694.1
0.0	0.0	67.5°	1194.9	518.8
		70°	785.6	397.5
		72.5°	511.8	324.0
		75°	344.3	268.4
		77.5°	201.1	178.4
		80°	71.2	62.6
		82.5°	13.3	9.4
		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: P1048855

CATALOG NUMBER: GALN-SA2C-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

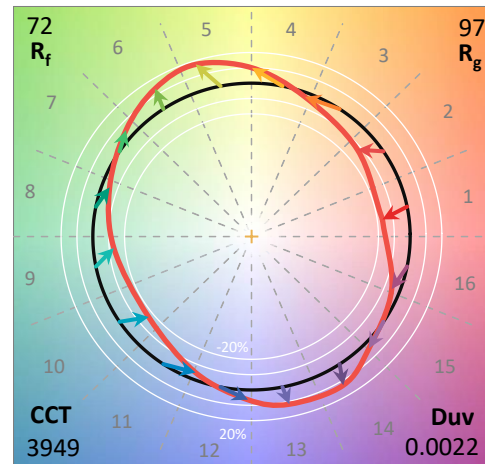
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

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

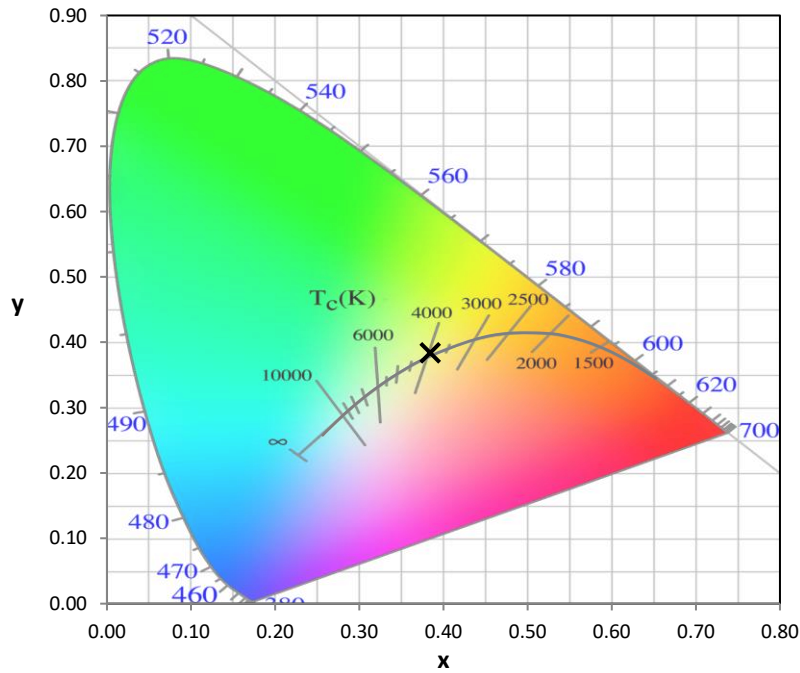
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

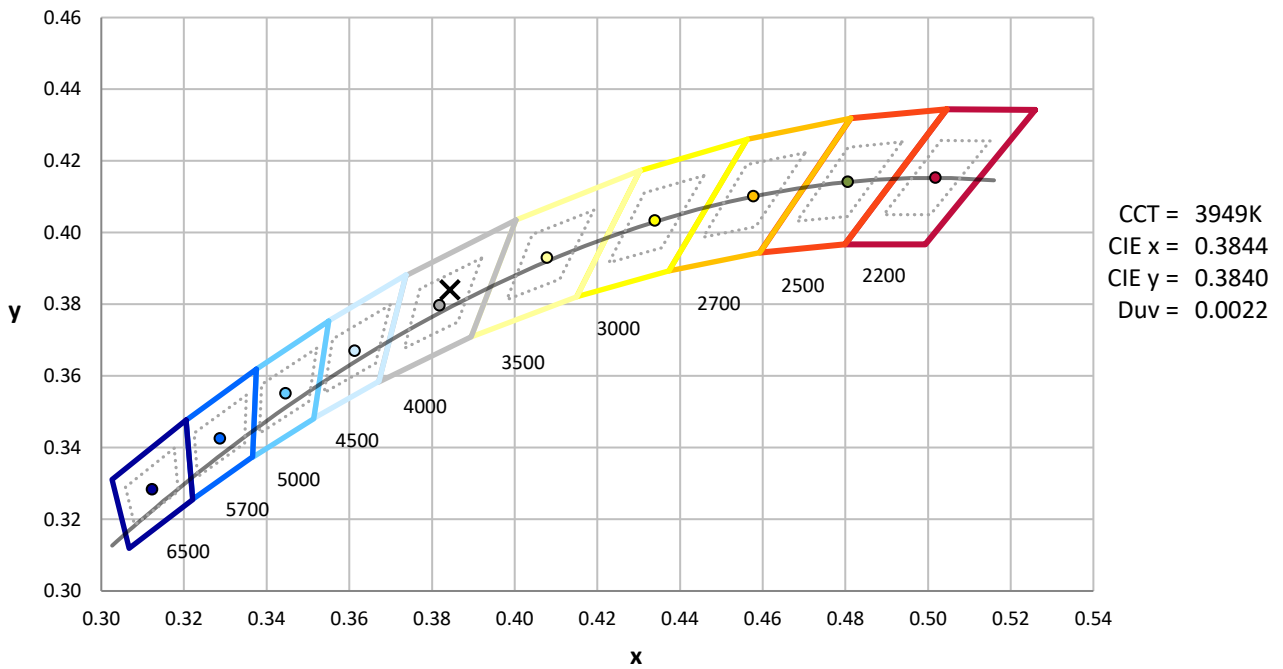
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



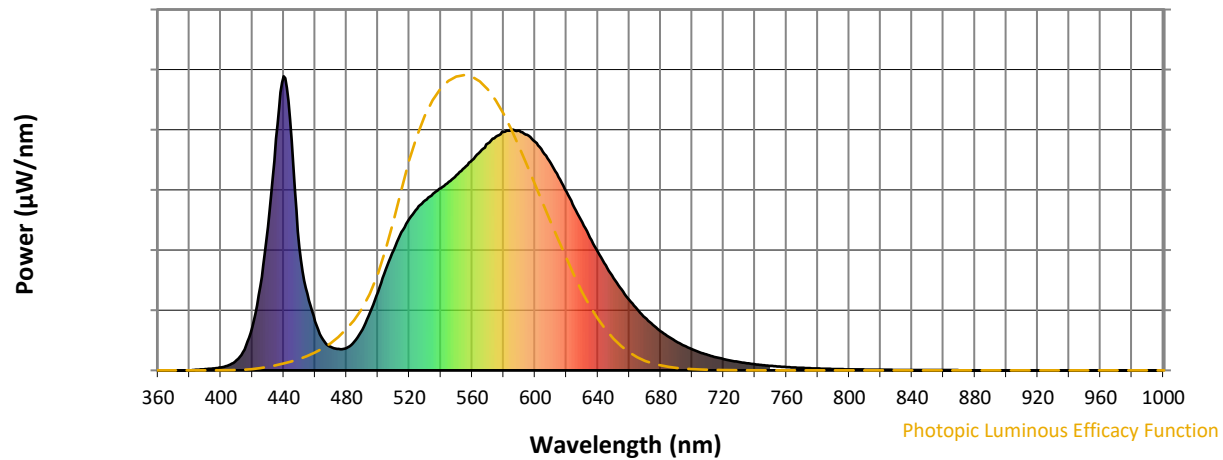
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

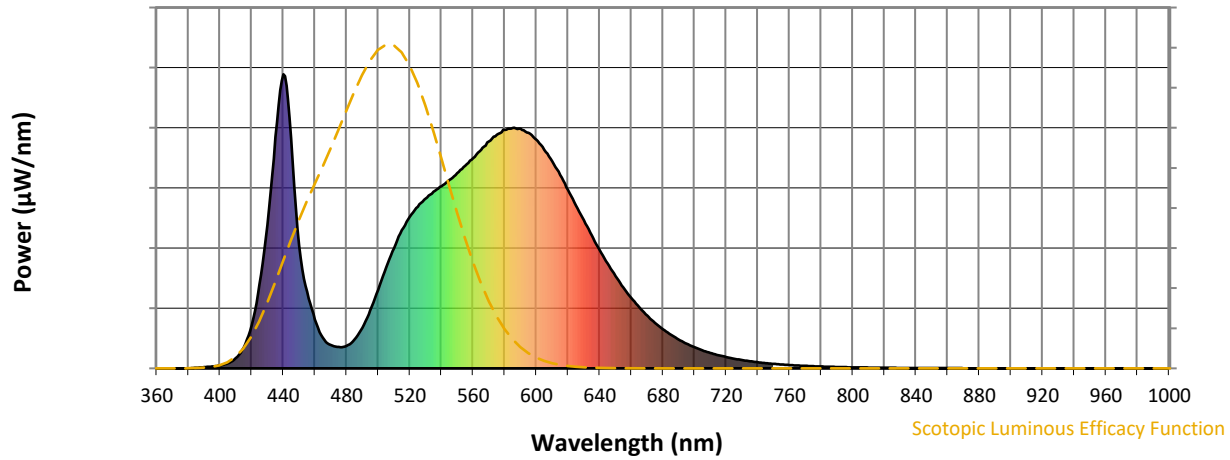


Photopic Lumens: NR

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



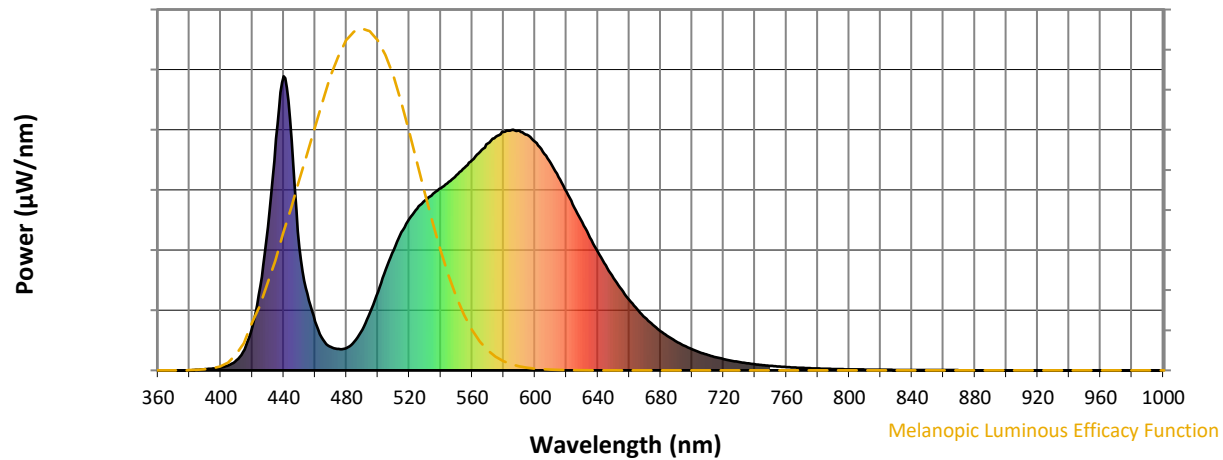
Scotopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

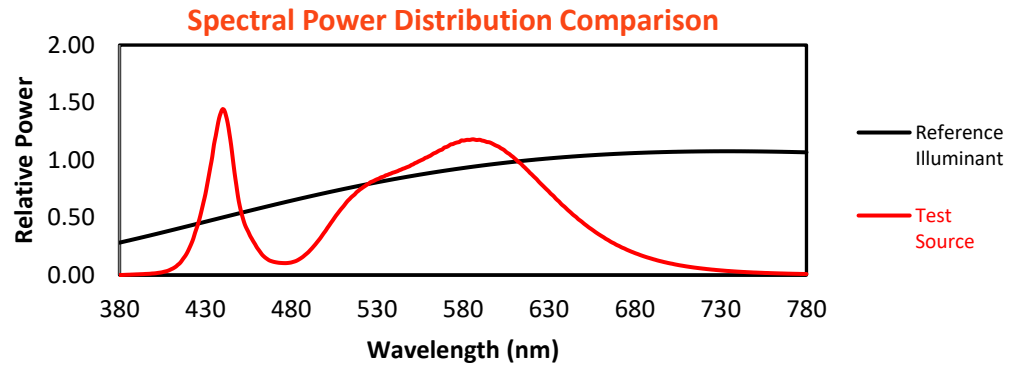
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630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

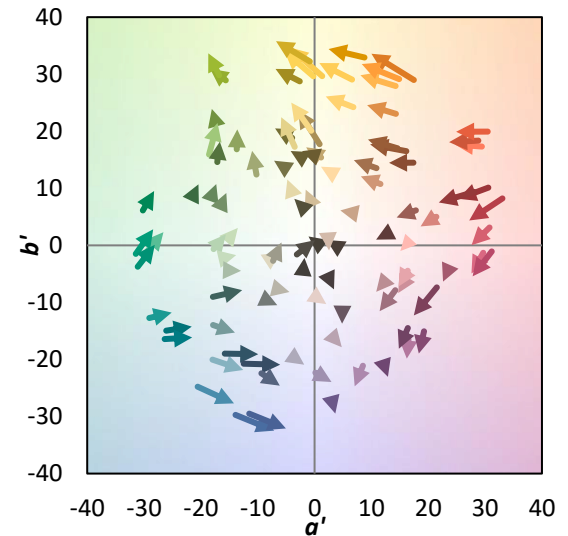
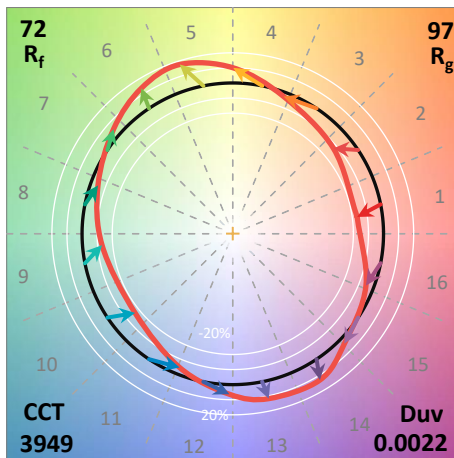
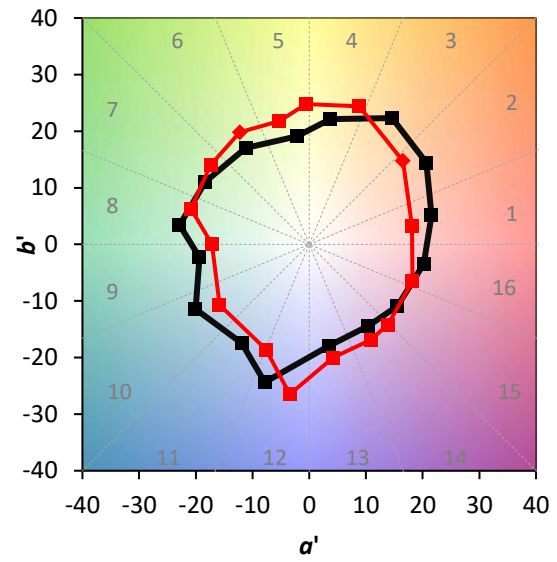
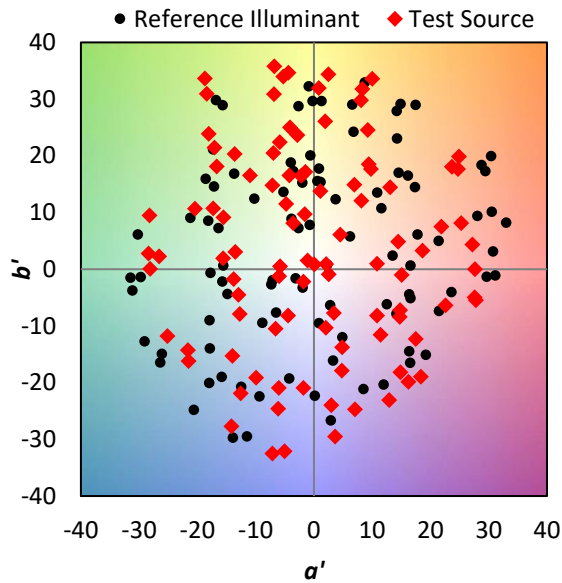
TM-30-18

Summary

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

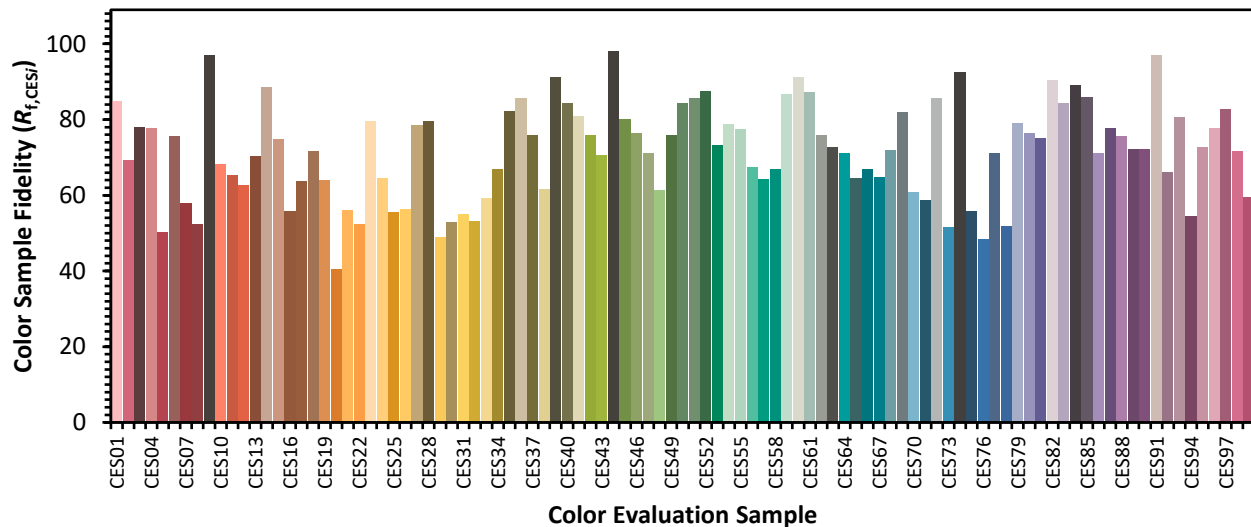


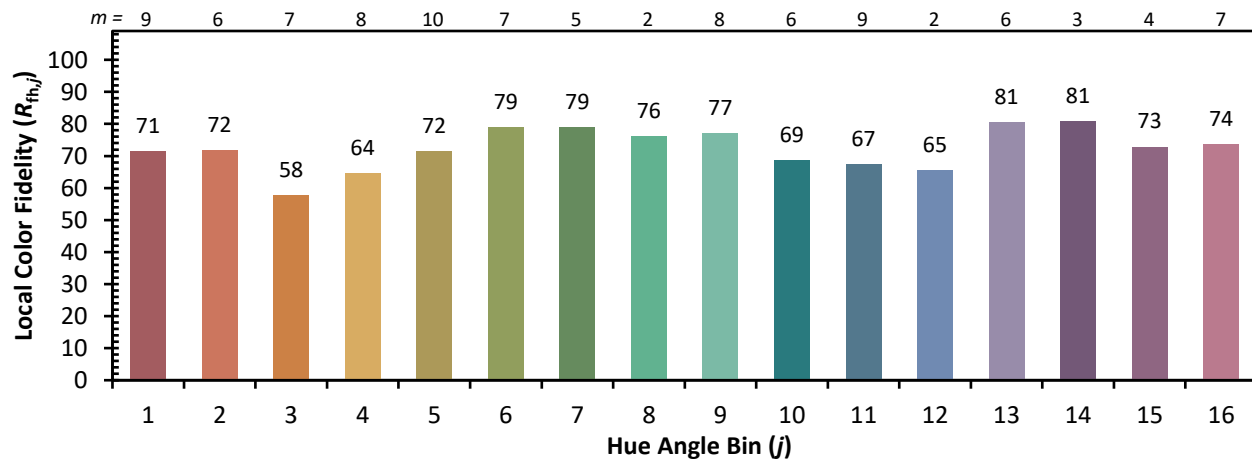
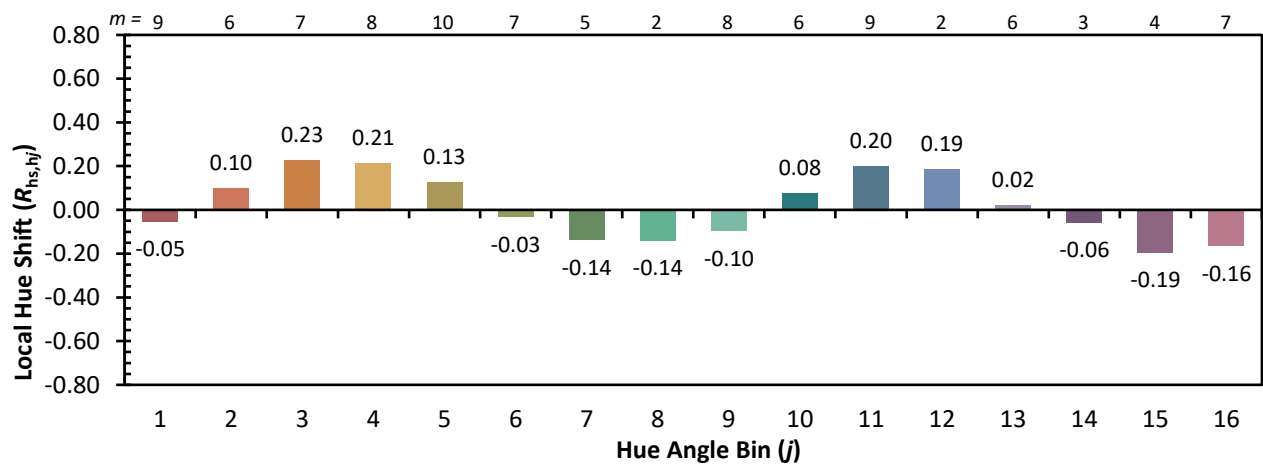
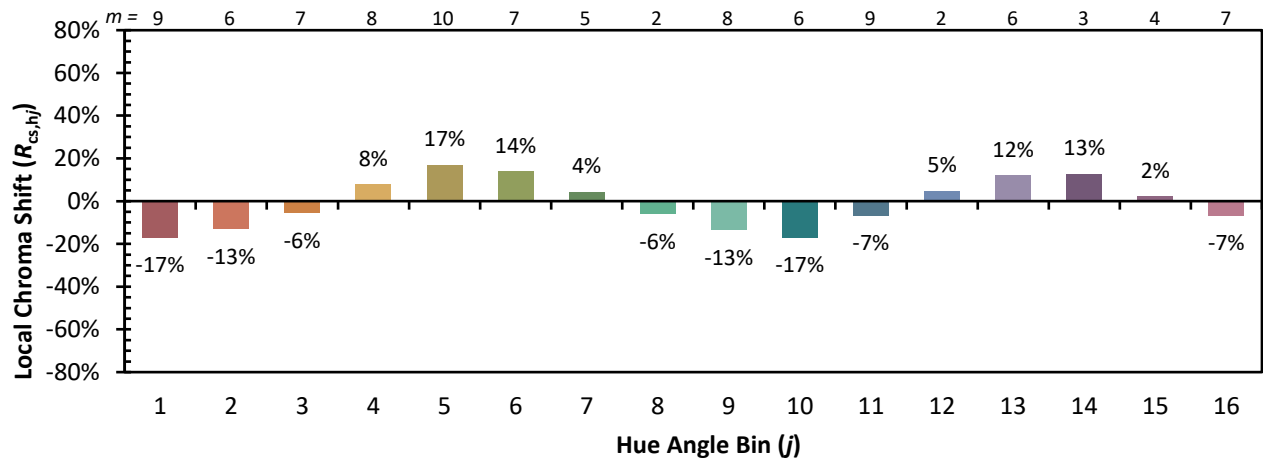
Color Vector Graphics



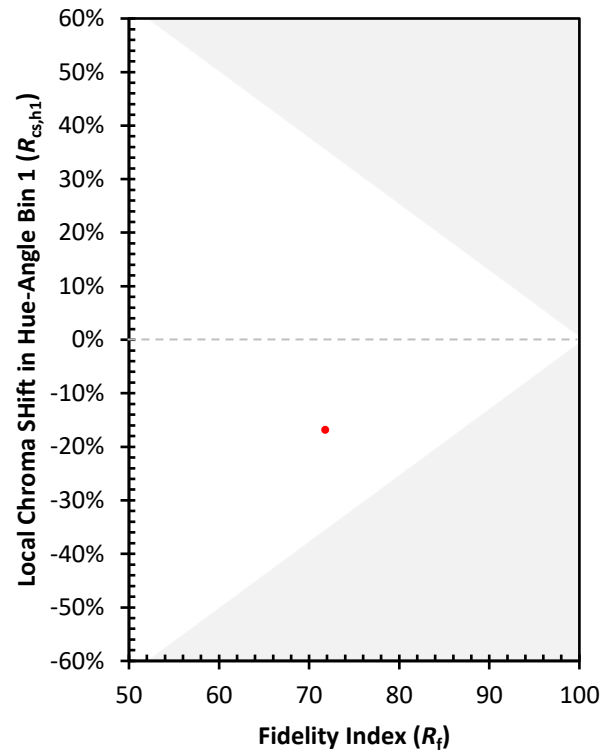
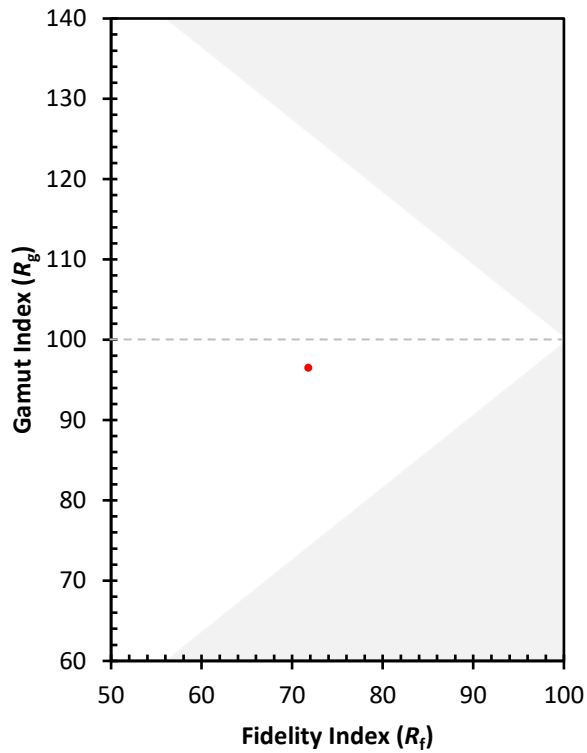
Individual Sample Fidelity Index ($R_{f,i}$)

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)