

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: P1048861

Luminaire Tested: **GALN-SA4A-740-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048861
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4A-740-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE
70CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 13290 lumens
Efficiency: N/A
Efficacy: 123.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

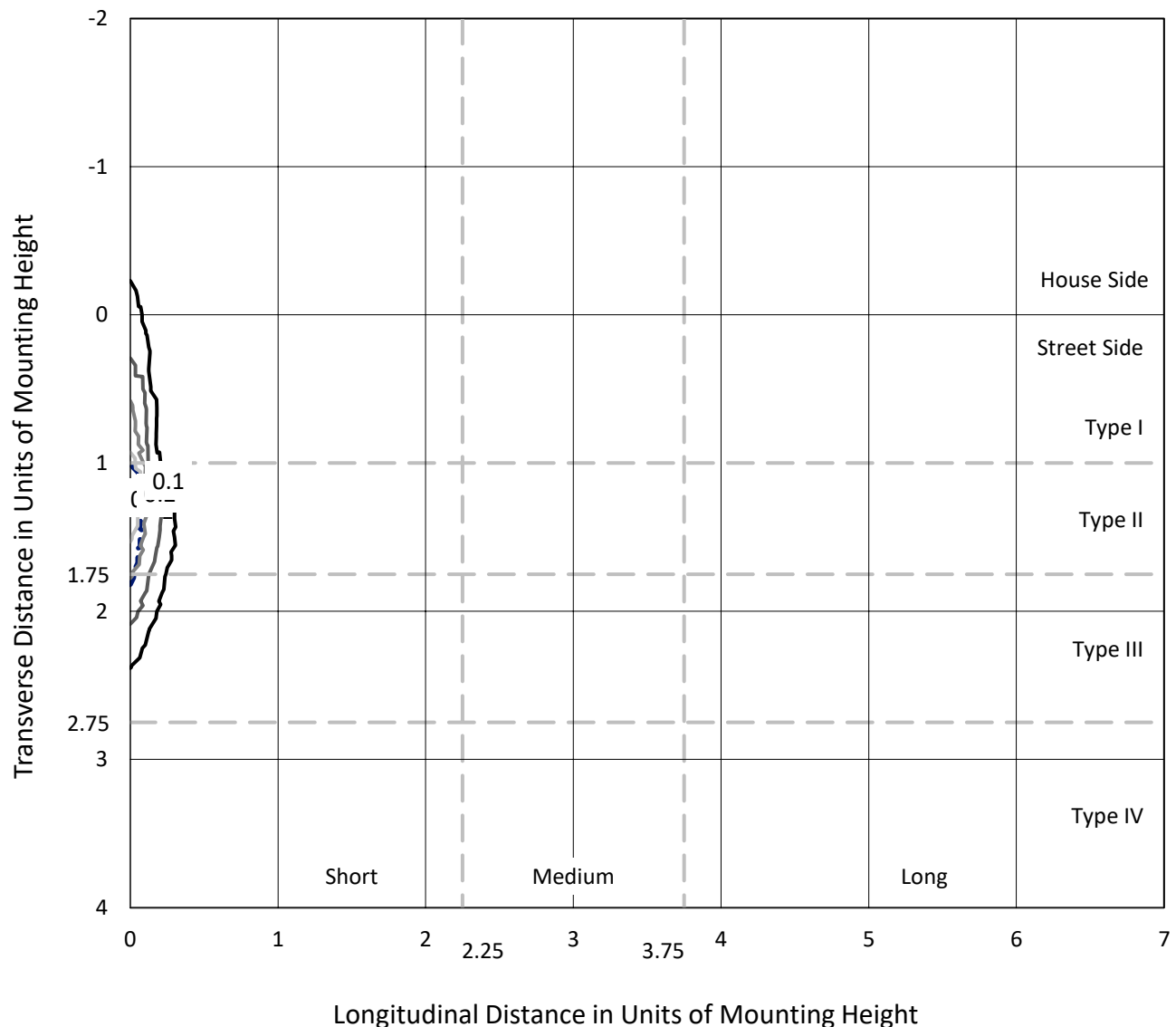
Input Watts (W): 107.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

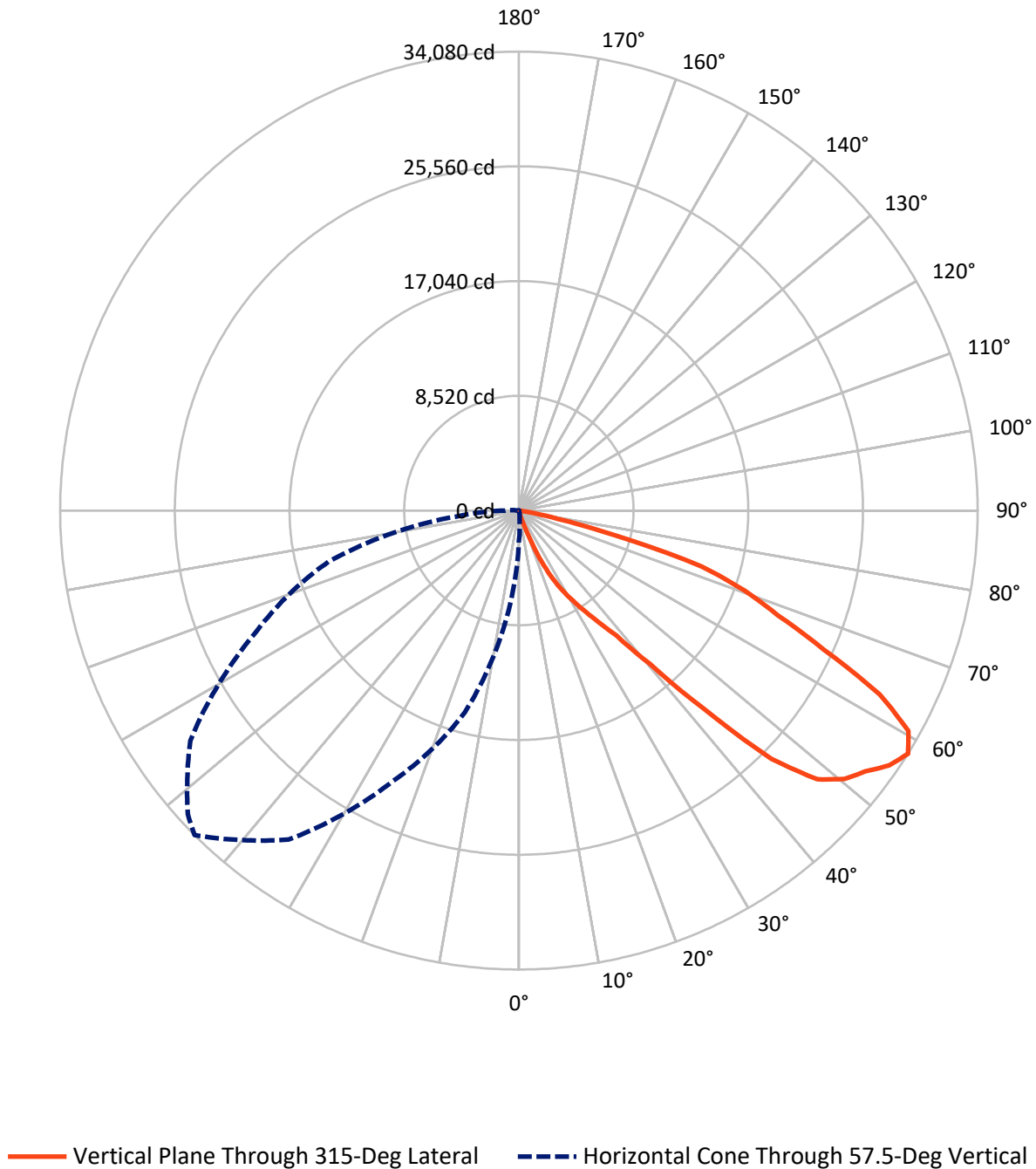
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2 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	66.6	0.0	66.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	13223.5	0.0	13223.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	13290.0	0.0	13290.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.2	0.0
10°-20°	29.2	0.2
20°-30°	315.0	2.4
30°-40°	931.4	7.0
40°-50°	2775.8	20.9
50°-60°	4401.3	33.1
60°-70°	3674.1	27.6
70°-80°	1132.9	8.5
80°-90°	25.2	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°	13290.0	100.0
0°-180°	13290.0	100.0



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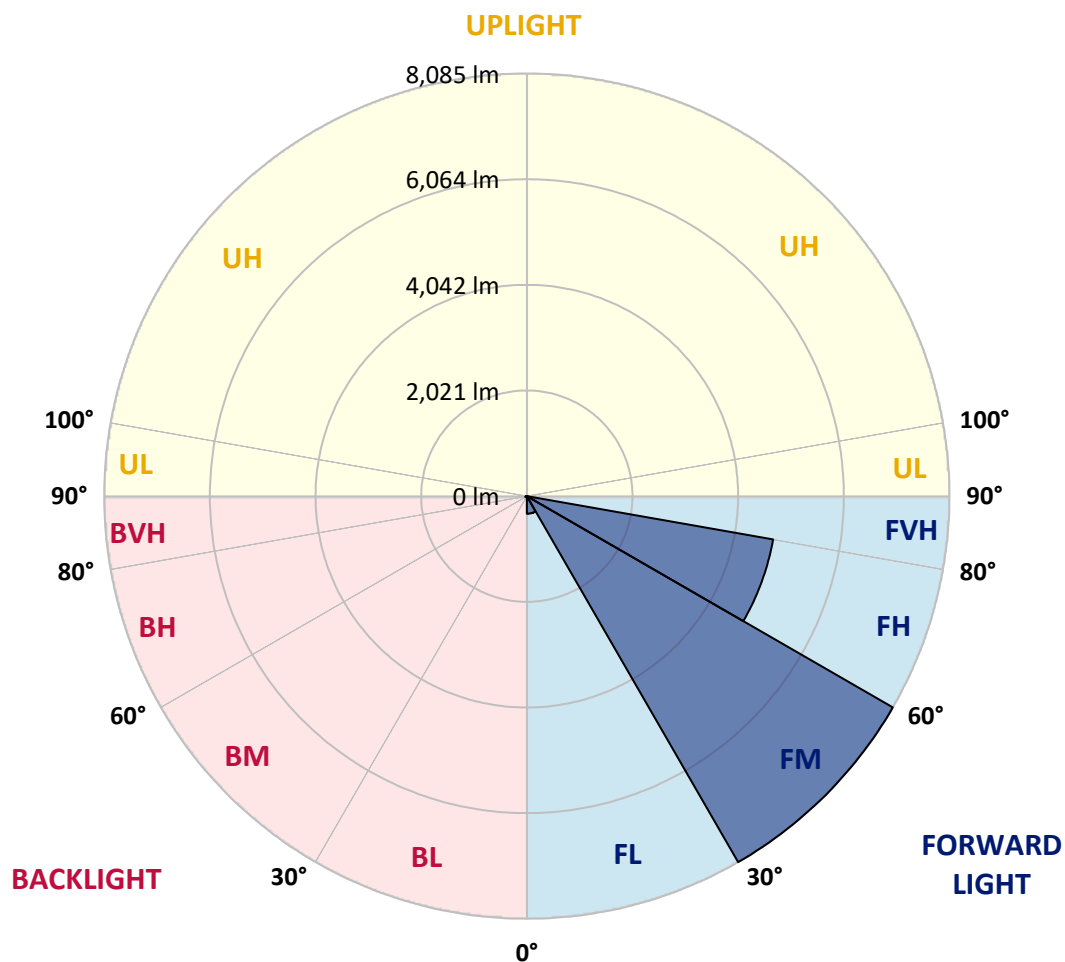
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	337.1	2.5			
FM	(30°-60°)	8084.7	60.8			
FH	(60°-80°)	4782.2	36.0			G2/5000
FVH	(80°-90°)	19.5	0.1			G1/100
BL	(0°-30°)	12.2	0.1	B0/110		
BM	(30°-60°)	23.8	0.2	B0/220		
BH	(60°-80°)	24.8	0.2	B0/110		G0/110
BVH	(80°-90°)	5.7	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°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
2.5°	53.2	53.2	53.2	53.2	52.2	52.2	51.2	51.2	50.2	50.2
5°	56.2	56.2	55.2	54.2	54.2	53.2	52.2	51.2	51.2	50.2
7.5°	61.3	60.3	59.3	58.3	56.2	55.2	53.2	52.2	51.2	49.2
10°	67.3	65.3	63.3	61.3	59.3	57.2	55.2	54.2	52.2	51.2
12.5°	75.3	72.3	68.3	65.3	63.3	60.3	58.3	56.2	53.2	51.2
15°	82.4	78.3	73.3	69.3	66.3	62.3	59.3	56.2	54.2	51.2
17.5°	92.4	85.4	77.3	72.3	68.3	63.3	58.3	55.2	52.2	48.2
20°	109.5	95.4	80.3	74.3	68.3	62.3	56.2	52.2	49.2	45.2
22.5°	136.6	112.5	88.4	79.3	71.3	62.3	54.2	50.2	46.2	42.2
25°	188.8	145.6	102.4	90.4	78.3	66.3	54.2	49.2	45.2	40.2
27.5°	251.1	186.8	121.5	104.4	88.4	71.3	54.2	48.2	43.2	37.2
30°	314.4	229.0	142.6	120.5	98.4	76.3	54.2	47.2	41.2	34.1
32.5°	374.6	268.2	160.7	134.6	108.5	81.3	55.2	47.2	39.2	31.1
35°	435.9	300.3	163.7	136.6	109.5	81.3	54.2	45.2	37.2	28.1
37.5°	514.2	336.4	157.7	130.6	104.4	77.3	51.2	43.2	35.2	26.1
40°	632.7	396.7	160.7	132.6	104.4	76.3	48.2	40.2	33.1	25.1
42.5°	851.7	513.2	173.7	141.6	109.5	76.3	44.2	37.2	31.1	24.1
45°	1472.3	852.7	233.0	184.8	136.6	88.4	40.2	34.1	29.1	23.1
47.5°	2435.5	1427.1	418.8	323.4	229.0	133.6	39.2	34.1	29.1	23.1
50°	3108.4	1817.8	527.3	405.7	284.2	162.7	41.2	35.2	30.1	24.1
52.5°	3103.3	1845.9	587.5	450.9	315.4	178.8	43.2	37.2	32.1	26.1
55°	2758.9	1679.2	598.6	460.0	322.4	183.8	46.2	40.2	34.1	28.1
57.5°	2305.9	1426.1	546.3	422.8	300.3	176.8	53.2	46.2	40.2	33.1
60°	1823.8	1124.8	425.8	336.4	248.1	158.7	70.3	61.3	53.2	44.2
62.5°	1259.4	815.5	371.6	298.3	226.0	152.7	80.3	71.3	63.3	54.2
65°	890.8	613.6	335.4	273.2	211.9	149.6	87.4	77.3	68.3	58.3
67.5°	665.9	488.1	309.3	256.1	202.9	149.6	96.4	84.4	73.3	61.3
70°	510.2	400.7	290.2	247.1	204.9	161.7	118.5	101.4	85.4	68.3
72.5°	415.8	342.5	268.2	237.0	205.9	174.8	143.6	121.5	99.4	76.3
75°	344.5	293.3	242.0	215.9	190.8	164.7	138.6	118.5	99.4	79.3
77.5°	229.0	208.9	187.8	172.7	157.7	141.6	126.5	109.5	93.4	76.3
80°	80.3	77.3	74.3	80.3	86.4	92.4	98.4	86.4	75.3	63.3
82.5°	12.1	11.0	10.0	11.0	12.1	13.1	14.1	15.1	16.1	17.1
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°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	49.2	49.2	48.2	48.2	48.2	47.2	47.2	46.2	46.2	46.2
0.0	5°	48.2	48.2	47.2	46.2	45.2	45.2	44.2	43.2	43.2	42.2
0.0	7.5°	47.2	46.2	45.2	44.2	43.2	42.2	41.2	40.2	40.2	39.2
0.0	10°	48.2	46.2	45.2	43.2	42.2	41.2	39.2	38.2	37.2	37.2
0.0	12.5°	46.2	45.2	43.2	41.2	40.2	38.2	37.2	35.2	34.1	34.1
0.0	15°	46.2	44.2	41.2	39.2	37.2	36.2	34.1	32.1	31.1	30.1
0.0	17.5°	43.2	41.2	38.2	36.2	34.1	32.1	30.1	28.1	27.1	26.1
0.0	20°	39.2	37.2	34.1	31.1	29.1	27.1	25.1	23.1	22.1	21.1
0.0	22.5°	35.2	33.1	30.1	27.1	25.1	23.1	20.1	18.1	17.1	15.1
0.0	25°	33.1	30.1	27.1	24.1	21.1	19.1	16.1	13.1	11.0	9.0
0.0	27.5°	28.1	25.1	22.1	19.1	16.1	13.1	10.0	7.0	5.0	4.0
0.0	30°	24.1	21.1	18.1	15.1	11.0	8.0	5.0	1.0	1.0	1.0
0.0	32.5°	20.1	17.1	13.1	10.0	8.0	5.0	3.0	0.0	0.0	0.0
0.0	35°	16.1	13.1	9.0	6.0	5.0	3.0	2.0	0.0	0.0	0.0
0.0	37.5°	14.1	11.0	7.0	3.0	2.0	2.0	1.0	0.0	0.0	0.0
0.0	40°	13.1	9.0	5.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0
0.0	42.5°	13.1	9.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	13.1	9.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	13.1	9.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	14.1	10.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	16.1	12.1	8.0	4.0	3.0	2.0	1.0	0.0	0.0	0.0
0.0	55°	20.1	18.1	15.1	13.1	10.0	7.0	3.0	0.0	0.0	0.0
0.0	57.5°	26.1	26.1	25.1	24.1	18.1	12.1	6.0	0.0	0.0	0.0
0.0	60°	35.2	35.2	35.2	35.2	26.1	18.1	9.0	0.0	0.0	0.0
0.0	62.5°	43.2	41.2	38.2	36.2	27.1	18.1	9.0	0.0	0.0	0.0
0.0	65°	43.2	39.2	34.1	29.1	22.1	15.1	7.0	0.0	0.0	0.0
0.0	67.5°	40.2	32.1	23.1	15.1	11.0	8.0	4.0	0.0	0.0	0.0
	70°	40.2	28.1	16.1	4.0	3.0	2.0	1.0	0.0	0.0	0.0
	72.5°	40.2	27.1	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	44.2	30.1	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	44.2	30.1	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	39.2	26.1	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	13.1	9.0	4.0	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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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°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	45.2	45.2	45.2	44.2	44.2	44.2	44.2	43.2	43.2	43.2
0.0	5°	41.2	41.2	40.2	40.2	39.2	39.2	38.2	38.2	37.2	37.2
0.0	7.5°	38.2	37.2	37.2	36.2	35.2	35.2	34.1	34.1	33.1	32.1
0.0	10°	35.2	34.1	34.1	33.1	32.1	31.1	31.1	30.1	29.1	28.1
0.0	12.5°	32.1	31.1	30.1	29.1	28.1	27.1	27.1	26.1	25.1	24.1
0.0	15°	28.1	27.1	26.1	25.1	24.1	23.1	23.1	22.1	21.1	20.1
0.0	17.5°	24.1	23.1	23.1	22.1	21.1	20.1	19.1	17.1	16.1	15.1
0.0	20°	18.1	17.1	16.1	15.1	14.1	12.1	11.0	9.0	7.0	6.0
0.0	22.5°	12.1	10.0	9.0	7.0	5.0	4.0	3.0	1.0	0.0	0.0
0.0	25°	4.0	3.0	2.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048861

CATALOG NUMBER: GALN-SA4A-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°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	42.2	42.2	42.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
0.0	5°	36.2	36.2	36.2	35.2	35.2	34.1	34.1	34.1	33.1	33.1
0.0	7.5°	31.1	30.1	30.1	29.1	29.1	28.1	28.1	28.1	27.1	27.1
0.0	10°	26.1	25.1	25.1	24.1	24.1	23.1	23.1	22.1	22.1	21.1
0.0	12.5°	23.1	22.1	21.1	20.1	20.1	19.1	18.1	18.1	17.1	16.1
0.0	15°	18.1	17.1	16.1	15.1	14.1	13.1	12.1	12.1	11.0	10.0
0.0	17.5°	12.1	10.0	9.0	8.0	8.0	7.0	6.0	5.0	4.0	3.0
0.0	20°	3.0	2.0	1.0	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: P1048861

CATALOG NUMBER: GALN-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048861

CATALOG NUMBER: GALN-SA4A-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°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	41.2	40.2	40.2	40.2	41.2	41.2	41.2	41.2	41.2	41.2
0.0	5°	33.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
0.0	7.5°	27.1	26.1	26.1	26.1	26.1	25.1	25.1	25.1	25.1	25.1
0.0	10°	21.1	20.1	20.1	20.1	20.1	19.1	19.1	19.1	19.1	19.1
0.0	12.5°	15.1	15.1	14.1	14.1	14.1	13.1	13.1	13.1	13.1	12.1
0.0	15°	9.0	8.0	7.0	7.0	7.0	6.0	6.0	6.0	6.0	5.0
0.0	17.5°	2.0	2.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048861

CATALOG NUMBER: GALN-SA4A-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°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	42.2	42.2	43.2	43.2	44.2	46.2	47.2	48.2	50.2	52.2
0.0	5°	33.1	34.1	34.1	35.2	36.2	37.2	38.2	39.2	41.2	43.2
0.0	7.5°	26.1	26.1	27.1	27.1	28.1	30.1	31.1	32.1	34.1	37.2
0.0	10°	20.1	20.1	21.1	21.1	22.1	24.1	25.1	26.1	28.1	31.1
0.0	12.5°	13.1	14.1	14.1	15.1	16.1	18.1	19.1	20.1	22.1	24.1
0.0	15°	6.0	7.0	7.0	8.0	9.0	11.0	12.1	13.1	15.1	18.1
0.0	17.5°	1.0	1.0	2.0	2.0	3.0	4.0	5.0	6.0	9.0	11.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	4.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
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: P1048861

CATALOG NUMBER: GALN-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048861

CATALOG NUMBER: GALN-SA4A-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°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	55.2	57.2	59.3	61.3	63.3	65.3	66.3	68.3	69.3	70.3
0.0	5°	47.2	49.2	52.2	54.2	56.2	58.3	60.3	61.3	62.3	63.3
0.0	7.5°	41.2	43.2	46.2	48.2	50.2	52.2	54.2	56.2	57.2	58.3
0.0	10°	35.2	38.2	40.2	43.2	45.2	47.2	49.2	51.2	53.2	54.2
0.0	12.5°	28.1	31.1	34.1	36.2	39.2	42.2	44.2	46.2	48.2	50.2
0.0	15°	22.1	25.1	28.1	30.1	33.1	36.2	39.2	41.2	43.2	45.2
0.0	17.5°	16.1	19.1	22.1	24.1	27.1	30.1	32.1	35.2	37.2	39.2
0.0	20°	8.0	11.0	14.1	17.1	20.1	23.1	25.1	28.1	30.1	32.1
0.0	22.5°	1.0	4.0	7.0	9.0	12.1	15.1	17.1	20.1	22.1	24.1
0.0	25°	0.0	1.0	3.0	4.0	5.0	7.0	9.0	11.0	13.1	15.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.0	2.0	4.0	6.0	8.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
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	1.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	2.0
	85°	0.0	0.0	0.0	0.0	0.0	2.0	3.0	5.0	6.0	7.0
	87.5°	0.0	1.0	2.0	3.0	4.0	6.0	8.0	10.0	11.0	12.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048861

CATALOG NUMBER: GALN-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
58.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	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											
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REPORT NUMBER: P1048861

CATALOG NUMBER: GALN-SA4A-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°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	71.3	71.3	71.3	71.3	70.3	70.3	70.3	69.3	69.3	68.3
0.0	5°	65.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	65.3	65.3
0.0	7.5°	60.3	61.3	62.3	62.3	63.3	63.3	63.3	62.3	62.3	61.3
0.0	10°	57.2	58.3	58.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
0.0	12.5°	53.2	54.2	55.2	55.2	56.2	56.2	56.2	56.2	55.2	55.2
0.0	15°	48.2	50.2	51.2	52.2	52.2	53.2	53.2	53.2	53.2	53.2
0.0	17.5°	44.2	46.2	47.2	48.2	48.2	49.2	49.2	50.2	50.2	50.2
0.0	20°	36.2	38.2	39.2	41.2	42.2	43.2	44.2	45.2	45.2	46.2
0.0	22.5°	28.1	30.1	31.1	33.1	34.1	35.2	36.2	37.2	38.2	39.2
0.0	25°	20.1	22.1	23.1	25.1	26.1	27.1	28.1	29.1	29.1	30.1
0.0	27.5°	11.0	13.1	15.1	16.1	18.1	19.1	20.1	21.1	22.1	23.1
0.0	30°	5.0	6.0	7.0	9.0	10.0	11.0	12.1	14.1	15.1	16.1
0.0	32.5°	0.0	0.0	1.0	3.0	4.0	5.0	6.0	7.0	7.0	8.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0	3.0	4.0
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°	2.0	2.0	2.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	82.5°	5.0	6.0	7.0	7.0	8.0	8.0	8.0	8.0	7.0	7.0
	85°	10.0	11.0	12.1	12.1	13.1	13.1	13.1	13.1	13.1	13.1
	87.5°	14.1	15.1	16.1	16.1	17.1	17.1	17.1	17.1	17.1	17.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048861

CATALOG NUMBER: GALN-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
58.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	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
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REPORT NUMBER: P1048861

CATALOG NUMBER: GALN-SA4A-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°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	67.3	67.3	66.3	66.3	66.3	66.3	66.3	67.3	68.3	68.3
0.0	5°	64.3	64.3	63.3	63.3	63.3	64.3	64.3	65.3	66.3	67.3
0.0	7.5°	61.3	60.3	60.3	61.3	61.3	62.3	62.3	63.3	64.3	65.3
0.0	10°	59.3	58.3	58.3	58.3	59.3	59.3	60.3	61.3	62.3	63.3
0.0	12.5°	55.2	55.2	55.2	55.2	56.2	56.2	57.2	58.3	60.3	61.3
0.0	15°	53.2	52.2	52.2	52.2	52.2	53.2	53.2	55.2	57.2	58.3
0.0	17.5°	49.2	49.2	48.2	48.2	49.2	49.2	50.2	52.2	54.2	55.2
0.0	20°	45.2	44.2	43.2	43.2	44.2	44.2	45.2	47.2	49.2	50.2
0.0	22.5°	39.2	38.2	38.2	38.2	38.2	39.2	39.2	41.2	44.2	46.2
0.0	25°	31.1	32.1	32.1	33.1	33.1	34.1	35.2	37.2	40.2	42.2
0.0	27.5°	24.1	25.1	25.1	27.1	28.1	29.1	30.1	33.1	36.2	38.2
0.0	30°	18.1	19.1	20.1	21.1	23.1	25.1	27.1	30.1	33.1	35.2
0.0	32.5°	11.0	13.1	14.1	16.1	18.1	20.1	22.1	25.1	29.1	32.1
0.0	35°	8.0	9.0	11.0	12.1	14.1	16.1	18.1	22.1	25.1	29.1
0.0	37.5°	4.0	6.0	8.0	10.0	12.1	14.1	16.1	20.1	24.1	27.1
0.0	40°	3.0	5.0	6.0	8.0	11.0	13.1	15.1	19.1	23.1	27.1
0.0	42.5°	2.0	3.0	4.0	7.0	9.0	12.1	15.1	19.1	23.1	27.1
0.0	45°	2.0	2.0	3.0	6.0	9.0	13.1	16.1	20.1	23.1	27.1
0.0	47.5°	2.0	3.0	4.0	8.0	10.0	13.1	16.1	19.1	23.1	26.1
0.0	50°	3.0	4.0	5.0	9.0	11.0	14.1	16.1	20.1	23.1	27.1
0.0	52.5°	2.0	3.0	4.0	8.0	11.0	15.1	18.1	22.1	26.1	29.1
0.0	55°	1.0	1.0	1.0	6.0	12.1	17.1	23.1	26.1	30.1	33.1
0.0	57.5°	0.0	0.0	0.0	4.0	12.1	19.1	26.1	30.1	34.1	37.2
0.0	60°	0.0	0.0	0.0	4.0	12.1	19.1	26.1	31.1	36.2	41.2
0.0	62.5°	0.0	0.0	0.0	4.0	10.0	16.1	22.1	30.1	39.2	47.2
0.0	65°	0.0	0.0	0.0	3.0	8.0	13.1	18.1	30.1	42.2	53.2
0.0	67.5°	0.0	0.0	0.0	3.0	8.0	12.1	17.1	30.1	42.2	55.2
	70°	0.0	0.0	0.0	3.0	8.0	13.1	18.1	30.1	42.2	54.2
	72.5°	0.0	0.0	0.0	3.0	9.0	14.1	20.1	30.1	40.2	50.2
	75°	0.0	0.0	0.0	4.0	9.0	15.1	21.1	30.1	39.2	47.2
	77.5°	0.0	0.0	0.0	3.0	9.0	14.1	20.1	29.1	38.2	46.2
	80°	3.0	2.0	2.0	5.0	9.0	13.1	17.1	26.1	36.2	45.2
	82.5°	6.0	6.0	5.0	7.0	9.0	12.1	15.1	23.1	32.1	40.2
	85°	12.1	12.1	11.0	12.1	12.1	13.1	14.1	18.1	22.1	26.1
	87.5°	16.1	16.1	15.1	15.1	15.1	14.1	14.1	14.1	14.1	13.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048861

CATALOG NUMBER: GALN-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
58.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	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
38.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.3											
60.3											
56.2											
55.2											
54.2											
48.2											
30.1											
13.1											
0.0											
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REPORT NUMBER: P1048861

CATALOG NUMBER: GALN-SA4A-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°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	70.3	71.3	71.3	72.3	73.3	74.3	74.3	75.3	75.3	75.3
0.0	5°	69.3	71.3	72.3	73.3	74.3	75.3	76.3	77.3	78.3	78.3
0.0	7.5°	68.3	69.3	71.3	72.3	74.3	75.3	77.3	78.3	79.3	80.3
0.0	10°	66.3	68.3	70.3	72.3	74.3	76.3	78.3	80.3	82.4	83.4
0.0	12.5°	64.3	67.3	69.3	71.3	74.3	77.3	79.3	82.4	84.4	86.4
0.0	15°	63.3	65.3	68.3	70.3	74.3	78.3	81.3	85.4	89.4	92.4
0.0	17.5°	60.3	64.3	67.3	70.3	74.3	79.3	83.4	87.4	93.4	99.4
0.0	20°	56.2	59.3	63.3	66.3	72.3	77.3	83.4	88.4	97.4	106.5
0.0	22.5°	52.2	56.2	59.3	63.3	70.3	76.3	83.4	89.4	104.4	118.5
0.0	25°	48.2	53.2	57.2	61.3	69.3	77.3	85.4	93.4	118.5	143.6
0.0	27.5°	46.2	50.2	55.2	59.3	69.3	80.3	90.4	100.4	140.6	179.8
0.0	30°	43.2	48.2	52.2	57.2	70.3	83.4	96.4	109.5	170.7	232.0
0.0	32.5°	40.2	45.2	50.2	55.2	72.3	89.4	105.5	122.5	202.9	282.2
0.0	35°	37.2	43.2	48.2	53.2	75.3	98.4	120.5	142.6	232.0	320.4
0.0	37.5°	36.2	42.2	47.2	52.2	76.3	99.4	123.5	146.6	235.0	323.4
0.0	40°	37.2	42.2	48.2	53.2	73.3	93.4	112.5	132.6	225.0	316.4
0.0	42.5°	37.2	43.2	49.2	55.2	71.3	87.4	103.4	119.5	222.0	324.4
0.0	45°	36.2	42.2	48.2	54.2	69.3	83.4	98.4	112.5	240.0	366.6
0.0	47.5°	35.2	41.2	47.2	53.2	68.3	83.4	98.4	113.5	310.3	506.2
0.0	50°	35.2	41.2	46.2	51.2	69.3	88.4	106.5	124.5	451.9	778.3
0.0	52.5°	37.2	42.2	46.2	50.2	71.3	93.4	114.5	135.6	574.5	1012.4
0.0	55°	40.2	43.2	47.2	50.2	76.3	101.4	127.5	152.7	611.6	1070.6
0.0	57.5°	44.2	47.2	50.2	53.2	85.4	117.5	148.6	180.8	614.6	1047.5
0.0	60°	49.2	53.2	56.2	59.3	93.4	128.6	162.7	196.8	556.4	914.9
0.0	62.5°	60.3	65.3	69.3	74.3	107.5	139.6	172.7	204.9	462.0	719.1
0.0	65°	69.3	73.3	77.3	81.3	113.5	146.6	178.8	210.9	391.7	572.5
0.0	67.5°	71.3	75.3	78.3	82.4	115.5	148.6	180.8	213.9	335.4	456.0
	70°	72.3	77.3	83.4	88.4	122.5	156.7	189.8	224.0	297.3	370.6
	72.5°	69.3	79.3	88.4	97.4	129.6	160.7	192.8	224.0	276.2	328.4
	75°	69.3	83.4	96.4	109.5	133.6	156.7	180.8	203.9	244.0	284.2
	77.5°	73.3	91.4	109.5	127.5	141.6	154.7	168.7	181.8	207.9	234.0
	80°	73.3	92.4	110.5	129.6	135.6	142.6	148.6	154.7	157.7	160.7
	82.5°	63.3	78.3	93.4	108.5	101.4	94.4	87.4	80.3	75.3	69.3
	85°	32.1	35.2	37.2	39.2	36.2	33.1	30.1	27.1	25.1	22.1
	87.5°	13.1	13.1	12.1	12.1	12.1	12.1	11.0	11.0	11.0	11.0
	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: P1048861

CATALOG NUMBER: GALN-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
58.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
213.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
297.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
402.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
503.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
571.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
622.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
673.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
774.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
975.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1486.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2276.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2866.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2931.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2645.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2261.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1767.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1335.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
986.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
698.0											
519.2											
377.6											
284.2											
159.7											
72.3											
21.1											
10.0											
0.0											
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REPORT NUMBER: P1048861

CATALOG NUMBER: GALN-SA4A-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°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	75.3	74.3	74.3	73.3	72.3	71.3	70.3	69.3	68.3	67.3
0.0	5°	78.3	78.3	78.3	77.3	77.3	76.3	76.3	75.3	74.3	73.3
0.0	7.5°	81.3	82.4	82.4	83.4	83.4	83.4	83.4	82.4	82.4	82.4
0.0	10°	86.4	87.4	88.4	89.4	90.4	91.4	91.4	92.4	92.4	92.4
0.0	12.5°	92.4	95.4	97.4	100.4	102.4	105.5	107.5	110.5	112.5	114.5
0.0	15°	101.4	106.5	112.5	117.5	122.5	129.6	137.6	144.6	151.7	162.7
0.0	17.5°	114.5	130.6	146.6	161.7	177.8	212.9	248.1	282.2	317.4	368.6
0.0	20°	139.6	187.8	235.0	283.2	330.4	454.0	576.5	700.0	822.5	954.1
0.0	22.5°	195.8	314.4	432.9	551.4	669.9	928.0	1185.1	1443.2	1700.3	2002.6
0.0	25°	284.2	502.2	720.1	937.0	1155.0	1558.7	1963.4	2367.2	2770.9	3163.6
0.0	27.5°	413.8	747.2	1080.6	1413.1	1746.5	2293.9	2842.2	3389.6	3936.9	4380.8
0.0	30°	573.5	1025.4	1477.3	1929.3	2381.2	3003.9	3626.6	4248.3	4870.9	5356.0
0.0	32.5°	724.1	1277.5	1830.9	2383.2	2936.6	3645.7	4355.7	5064.8	5773.8	6304.1
0.0	35°	822.5	1491.4	2161.3	2830.2	3499.0	4266.3	5033.6	5799.9	6567.2	7172.8
0.0	37.5°	921.0	1693.3	2464.6	3236.9	4008.2	4850.8	5693.5	6536.1	7378.7	8126.9
0.0	40°	1031.4	1937.3	2842.2	3748.1	4653.0	5651.3	6648.6	7646.9	8644.2	9699.7
0.0	42.5°	1223.3	2342.1	3461.9	4580.7	5699.5	7020.2	8340.8	9660.5	10981.2	12487.7
0.0	45°	1583.8	3160.6	4738.4	6315.1	7891.9	9641.4	11392.0	13141.5	14891.0	16895.6
0.0	47.5°	2466.6	4635.9	6804.2	8973.6	11141.9	13031.0	14919.1	16808.2	18696.4	20692.9
0.0	50°	3774.2	6299.1	8823.9	11347.8	13872.6	15582.0	17290.3	18999.7	20708.0	22607.2
0.0	52.5°	4720.3	7350.6	9981.9	12612.2	15242.5	16785.1	18328.8	19871.4	21414.0	23188.7
0.0	55°	4791.6	7406.8	10023.1	12638.3	15253.6	16803.2	18352.9	19902.5	21452.2	23333.3
0.0	57.5°	4242.2	6836.4	9429.5	12023.7	14616.8	16381.4	18145.0	19909.6	21673.1	23706.9
0.0	60°	3608.5	6203.7	8797.8	11393.0	13987.1	16019.9	18053.6	20086.3	22119.1	24024.3
0.0	62.5°	2815.1	5484.6	8155.0	10824.5	13494.0	15557.9	17621.7	19684.6	21748.5	23177.6
0.0	65°	2098.0	4690.2	7282.3	9873.4	12465.6	14118.7	15771.8	17423.9	19077.0	19961.8
0.0	67.5°	1516.5	3752.1	5986.7	8222.3	10456.9	11640.0	12823.1	14005.2	15188.3	15865.2
	70°	1025.4	2574.1	4121.7	5670.4	7218.0	8190.2	9163.4	10135.6	11107.7	12021.7
	72.5°	710.1	1579.8	2450.5	3320.3	4190.0	5168.2	6145.4	7123.6	8100.8	9068.0
	75°	471.0	866.7	1263.4	1659.1	2054.8	2778.9	3504.1	4228.2	4952.3	5528.8
	77.5°	334.4	452.9	572.5	691.0	809.5	945.1	1081.6	1217.2	1352.8	1558.7
	80°	158.7	173.7	188.8	202.9	217.9	267.1	316.4	365.6	414.8	467.0
	82.5°	75.3	81.3	87.4	92.4	98.4	103.4	108.5	113.5	118.5	113.5
	85°	20.1	20.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	20.1
	87.5°	9.0	9.0	9.0	9.0	9.0	9.0	9.0	8.0	8.0	7.0
	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):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
58.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
418.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1086.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2304.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3556.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4824.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5842.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6835.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7778.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8876.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10755.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13994.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18900.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22689.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24506.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24963.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25215.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25740.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25928.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24607.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20847.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16543.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12934.6											
10035.1											
6105.2											
1764.6											
519.2											
107.5											
19.1											
7.0											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	2.5°	65.3	64.3	63.3	62.3	61.3	59.3	59.3	58.3	58.3
0.0	5°	71.3	70.3	69.3	68.3	68.3	67.3	66.3	66.3	65.3
0.0	7.5°	81.3	80.3	79.3	78.3	78.3	77.3	77.3	76.3	76.3
0.0	10°	93.4	93.4	93.4	93.4	93.4	92.4	92.4	92.4	91.4
0.0	12.5°	117.5	118.5	120.5	122.5	125.5	125.5	125.5	124.5	124.5
0.0	15°	185.8	196.8	204.9	212.9	219.9	236.0	234.0	231.0	229.0
0.0	17.5°	470.0	520.2	547.4	573.5	600.6	674.9	662.8	650.8	639.7
0.0	20°	1218.2	1349.8	1437.2	1524.6	1612.9	1752.5	1718.4	1684.2	1650.1
0.0	22.5°	2606.2	2908.5	3040.1	3171.6	3302.2	3470.9	3361.4	3252.0	3143.5
0.0	25°	3948.0	4340.7	4562.6	4784.6	5005.5	5101.9	4959.3	4815.7	4673.1
0.0	27.5°	5268.6	5712.6	5908.4	6103.2	6299.1	6500.9	6324.2	6146.4	5969.7
0.0	30°	6327.2	6812.3	7024.2	7235.1	7447.0	7587.6	7404.8	7221.0	7038.2
0.0	32.5°	7365.7	7895.9	8127.9	8359.9	8590.9	8792.8	8567.8	8341.9	8116.9
0.0	35°	8383.0	8988.6	9308.0	9627.4	9946.8	10134.6	9867.4	9599.3	9332.1
0.0	37.5°	9624.4	10372.6	10730.1	11087.7	11445.2	11787.7	11493.4	11198.1	10903.9
0.0	40°	11810.8	12866.3	13414.7	13964.0	14512.4	14954.3	14582.7	14211.1	13839.5
0.0	42.5°	15500.6	17007.1	17795.5	18582.9	19371.3	20061.2	19670.5	19279.9	18889.2
0.0	45°	20904.8	22909.5	23870.6	24830.7	25791.9	26296.0	25733.6	25170.2	24607.8
0.0	47.5°	24685.1	26681.7	27537.4	28393.0	29248.7	29824.2	29136.2	28448.3	27761.3
0.0	50°	26404.5	28303.6	29162.3	30020.0	30878.7	31335.7	30541.3	29745.8	28951.4
0.0	52.5°	26736.9	28511.5	29535.9	30561.4	31585.8	32196.4	31258.3	30319.3	29381.3
0.0	55°	27096.5	28977.5	30165.6	31354.8	32542.9	33388.5	32327.9	31266.4	30205.8
0.0	57.5°	27773.4	29807.1	30992.2	32176.3	33361.4	34079.5	33015.9	31951.3	30887.8
0.0	60°	27833.6	29737.8	30756.2	31775.6	32793.9	33245.9	32228.5	31210.1	30192.8
0.0	62.5°	26036.9	27466.0	28173.1	28880.1	29587.2	30078.3	29016.7	27954.1	26892.6
0.0	65°	21732.4	22617.2	23180.6	23744.1	24307.5	24893.0	23920.8	22948.6	21976.5
0.0	67.5°	17220.0	17896.9	18639.1	19381.3	20123.5	20749.2	19970.8	19191.5	18413.1
	70°	13848.5	14761.4	15596.0	16430.6	17265.2	17777.4	16996.0	16213.7	15432.3
	72.5°	11002.3	11969.4	12666.4	13362.4	14059.4	14185.0	13610.5	13036.0	12462.6
	75°	6680.7	7257.2	7271.3	7284.3	7298.4	7417.9	6941.8	6465.8	5990.7
	77.5°	1970.5	2176.4	2346.1	2514.8	2684.5	2889.4	2714.7	2538.9	2364.2
	80°	570.5	622.7	666.9	710.1	754.2	728.1	687.0	645.8	604.6
	82.5°	102.4	96.4	95.4	94.4	94.4	89.4	81.3	73.3	65.3
	85°	18.1	17.1	16.1	15.1	14.1	13.1	11.0	10.0	8.0
	87.5°	6.0	5.0	4.0	3.0	3.0	1.0	1.0	1.0	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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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048861

CATALOG NUMBER: GALN-SA4A-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°	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
0.0	0.0	2.5°	57.2	56.2	56.2	56.2	56.2	55.2	55.2	55.2	55.2
0.0	0.0	5°	63.3	63.3	62.3	62.3	61.3	61.3	60.3	60.3	59.3
0.0	0.0	7.5°	74.3	73.3	72.3	71.3	70.3	68.3	67.3	66.3	66.3
0.0	0.0	10°	89.4	87.4	86.4	84.4	83.4	81.3	79.3	77.3	75.3
0.0	0.0	12.5°	117.5	113.5	110.5	106.5	102.4	99.4	95.4	92.4	88.4
0.0	0.0	15°	203.9	193.8	182.8	169.7	155.7	142.6	128.6	120.5	111.5
0.0	0.0	17.5°	521.2	469.0	415.8	372.6	329.4	287.2	244.0	212.9	181.8
0.0	0.0	20°	1326.7	1182.1	1037.5	894.8	751.2	608.6	465.0	392.7	320.4
0.0	0.0	22.5°	2496.7	2228.6	1959.4	1699.3	1438.2	1178.1	917.9	754.2	591.5
0.0	0.0	25°	3853.6	3516.1	3178.7	2750.8	2322.0	1894.1	1466.3	1200.2	934.0
0.0	0.0	27.5°	5014.6	4625.9	4237.2	3717.0	3196.7	2676.5	2156.3	1759.6	1363.9
0.0	0.0	30°	6019.9	5602.1	5184.3	4578.7	3973.1	3367.5	2761.9	2265.7	1769.6
0.0	0.0	32.5°	6891.6	6391.5	5891.3	5266.6	4642.0	4017.3	3392.6	2784.0	2175.3
0.0	0.0	35°	7896.9	7313.4	6728.9	6035.9	5342.0	4649.0	3956.0	3269.1	2581.1
0.0	0.0	37.5°	9174.4	8458.4	7741.3	6969.0	6196.6	5425.3	4653.0	3867.6	3082.2
0.0	0.0	40°	11619.9	10696.0	9772.0	8790.8	7808.6	6827.3	5846.1	4882.0	3917.8
0.0	0.0	42.5°	16001.8	14753.4	13505.0	12199.4	10892.8	9587.2	8280.6	6920.7	5559.9
0.0	0.0	45°	20947.0	19398.4	17848.7	16383.4	14917.1	13451.8	11986.5	10120.5	8254.5
0.0	0.0	47.5°	23728.0	22055.8	20383.6	18996.6	17609.7	16222.7	14835.8	12824.1	10812.5
0.0	0.0	50°	24751.4	23049.1	21346.7	20070.3	18792.8	17516.3	16238.8	14224.1	12208.5
0.0	0.0	52.5°	24969.3	23232.9	21496.4	20211.9	18927.3	17643.8	16359.3	14357.7	12356.1
0.0	0.0	55°	25417.2	23554.2	21690.2	20225.9	18761.6	17297.3	15833.0	13799.3	11765.6
0.0	0.0	57.5°	26002.8	24092.5	22182.3	20514.2	18846.0	17178.8	15510.7	13287.1	11063.6
0.0	0.0	60°	25849.1	24187.0	22523.8	20737.1	18949.4	17162.8	15375.1	12929.6	10483.1
0.0	0.0	62.5°	23181.6	21857.9	20533.3	19063.9	17593.6	16124.3	14655.0	12137.2	9619.3
0.0	0.0	65°	19071.0	18104.8	17138.7	15956.6	14773.5	13591.4	12409.3	10151.6	7894.9
0.0	0.0	67.5°	15456.4	14367.8	13278.1	12336.0	11393.0	10450.9	9507.9	7731.2	5954.6
		70°	12279.8	11095.7	9910.6	8990.6	8069.7	7149.7	6229.8	5048.7	3868.6
		72.5°	9751.9	8684.3	7616.7	6635.5	5653.3	4672.1	3689.9	2991.9	2293.9
		75°	4661.0	4234.2	3807.4	3294.2	2781.0	2267.7	1754.5	1450.2	1146.9
		77.5°	1727.4	1497.4	1266.4	1057.5	848.6	640.8	431.9	395.7	359.5
		80°	446.9	389.7	331.4	290.2	248.1	206.9	165.7	149.6	134.6
		82.5°	51.2	47.2	44.2	42.2	39.2	37.2	34.1	31.1	28.1
		85°	3.0	2.0	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
		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: P1048861

CATALOG NUMBER: GALN-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1048861

CATALOG NUMBER: GALN-SA4A-740-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	58.3	58.3
0.0	0.0	2.5°	54.2	53.2
0.0	0.0	5°	57.2	56.2
0.0	0.0	7.5°	63.3	61.3
0.0	0.0	10°	69.3	67.3
0.0	0.0	12.5°	78.3	75.3
0.0	0.0	15°	88.4	82.4
0.0	0.0	17.5°	105.5	92.4
0.0	0.0	20°	142.6	109.5
0.0	0.0	22.5°	200.9	136.6
0.0	0.0	25°	295.3	188.8
0.0	0.0	27.5°	410.8	251.1
0.0	0.0	30°	546.3	314.4
0.0	0.0	32.5°	665.9	374.6
0.0	0.0	35°	821.5	435.9
0.0	0.0	37.5°	1013.4	514.2
0.0	0.0	40°	1310.6	632.7
0.0	0.0	42.5°	1845.9	851.7
0.0	0.0	45°	2997.9	1472.3
0.0	0.0	47.5°	4612.8	2435.5
0.0	0.0	50°	5643.3	3108.4
0.0	0.0	52.5°	5727.6	3103.3
0.0	0.0	55°	5228.5	2758.9
0.0	0.0	57.5°	4461.2	2305.9
0.0	0.0	60°	3707.9	1823.8
0.0	0.0	62.5°	2921.6	1259.4
0.0	0.0	65°	2135.2	890.8
0.0	0.0	67.5°	1533.6	665.9
		70°	1008.3	510.2
		72.5°	656.8	415.8
		75°	441.9	344.5
		77.5°	258.1	229.0
		80°	91.4	80.3
		82.5°	17.1	12.1
		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: P1048861

CATALOG NUMBER: GALN-SA4A-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

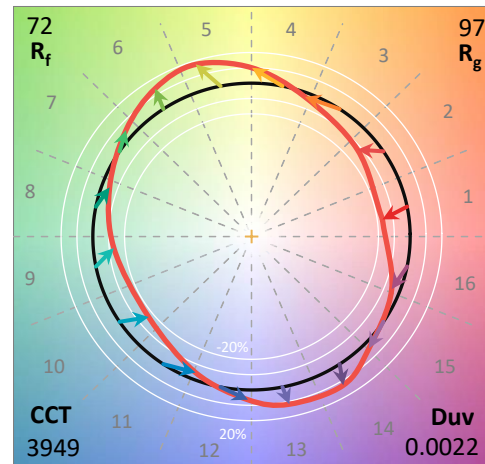
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

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

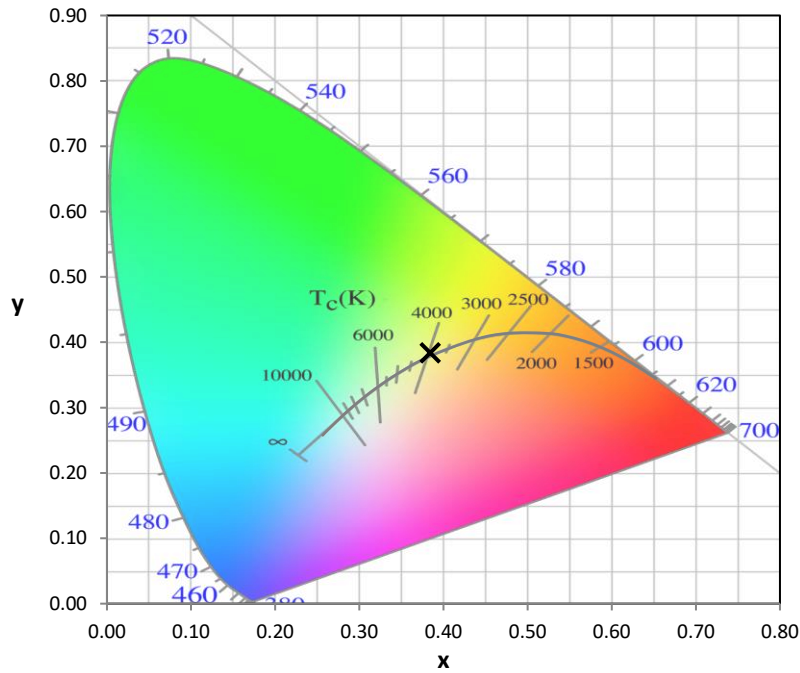
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

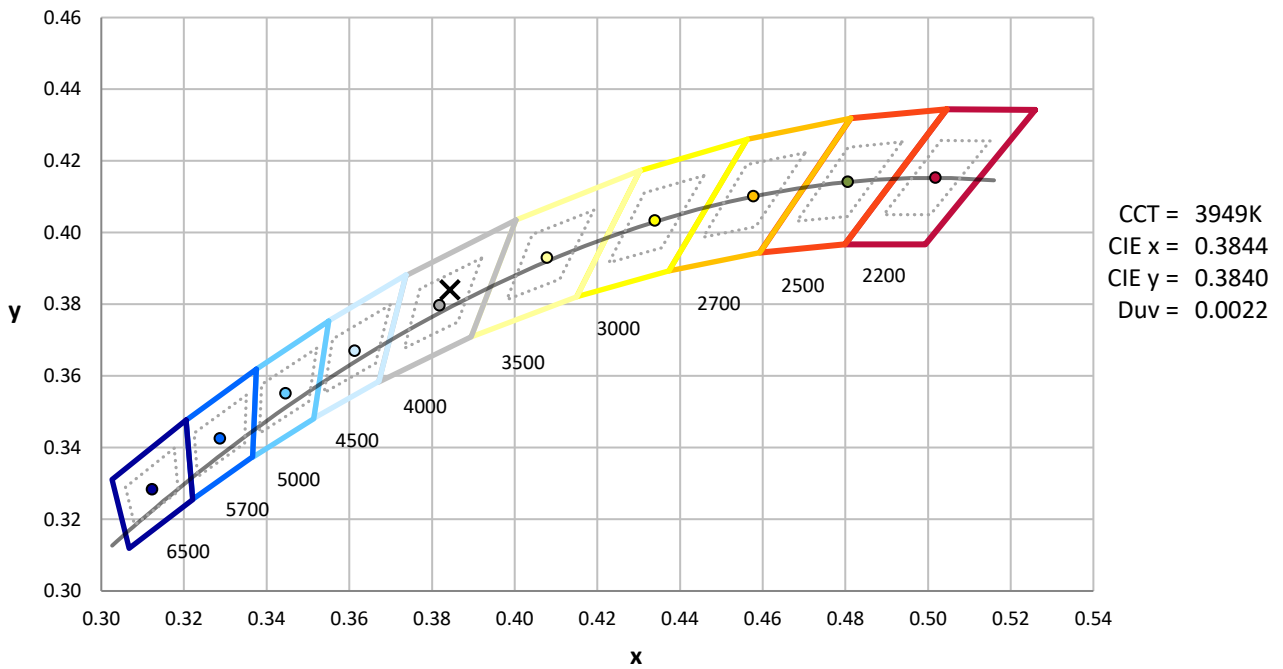
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



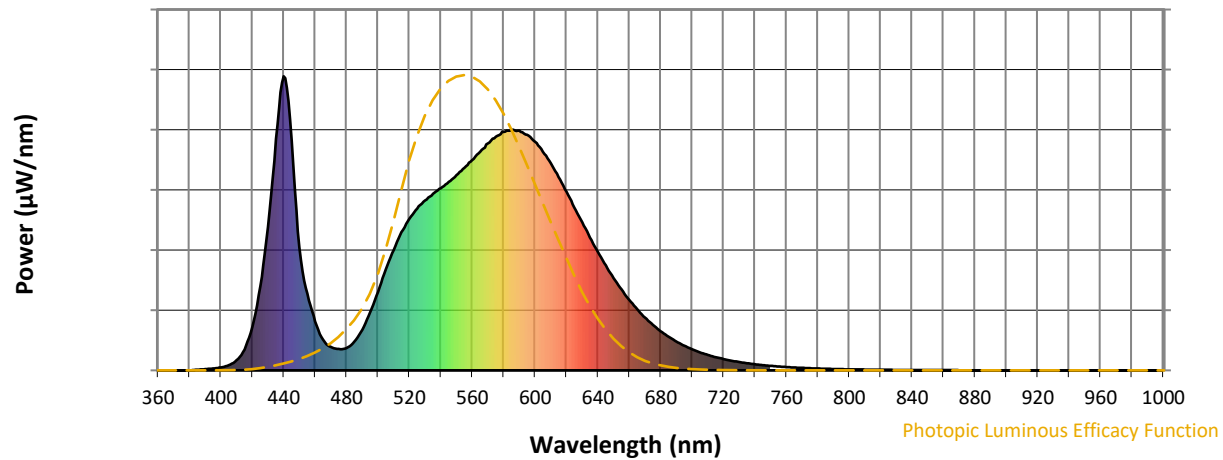
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

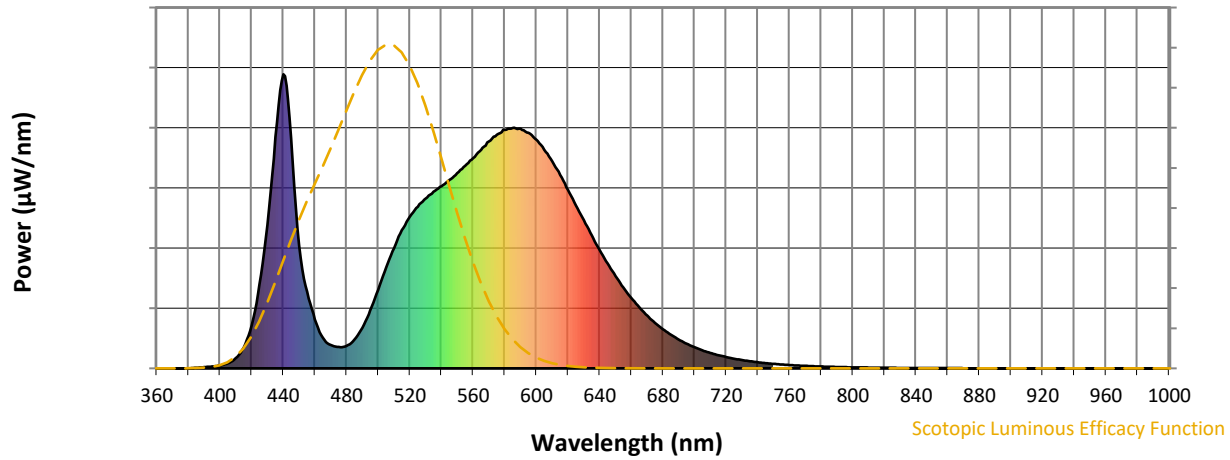


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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

Scotopic Flux vs. Wavelength



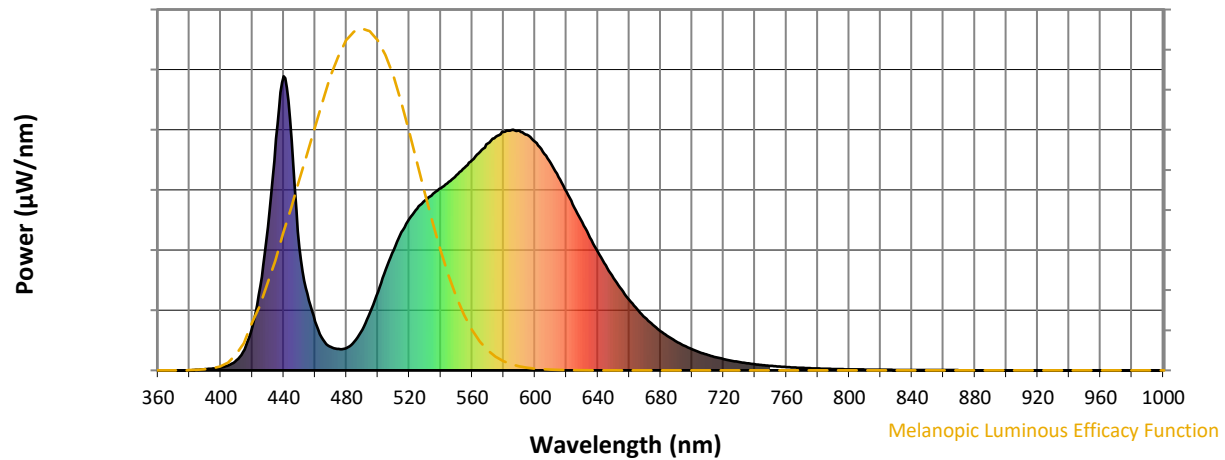
Scotopic Lumens: NR

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

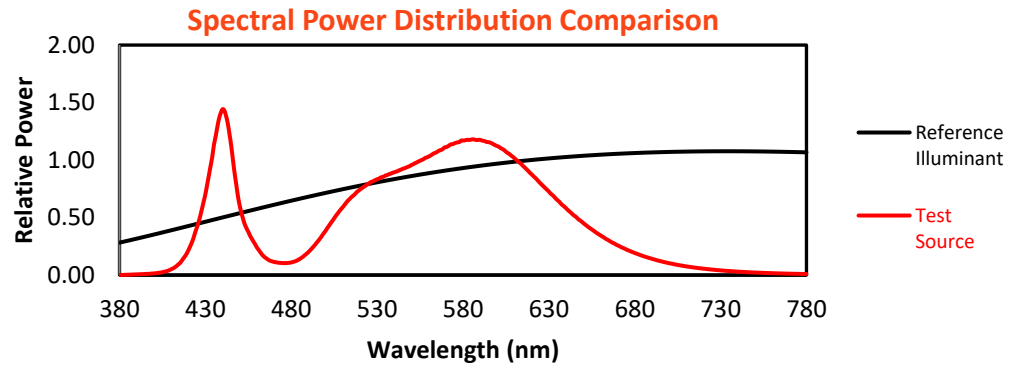
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	139	NR	620	607	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

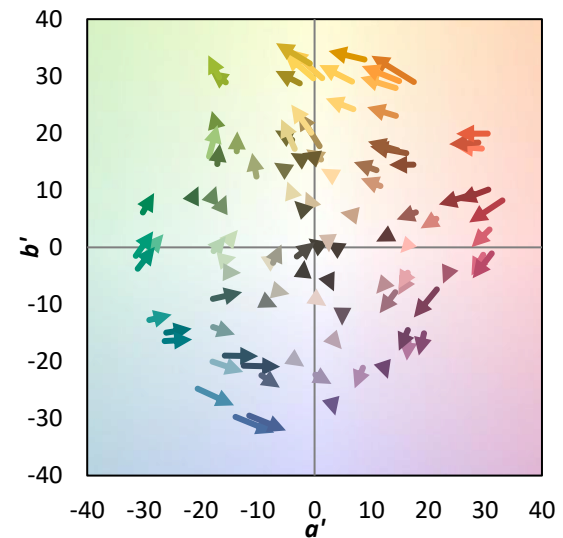
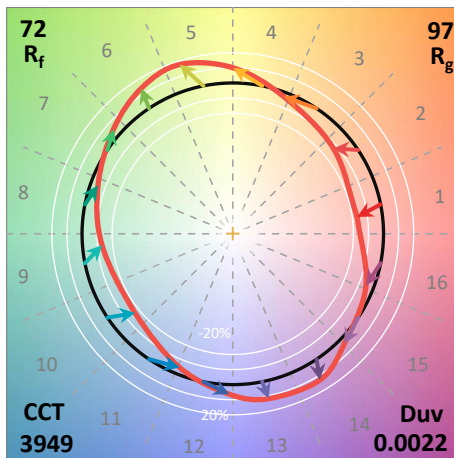
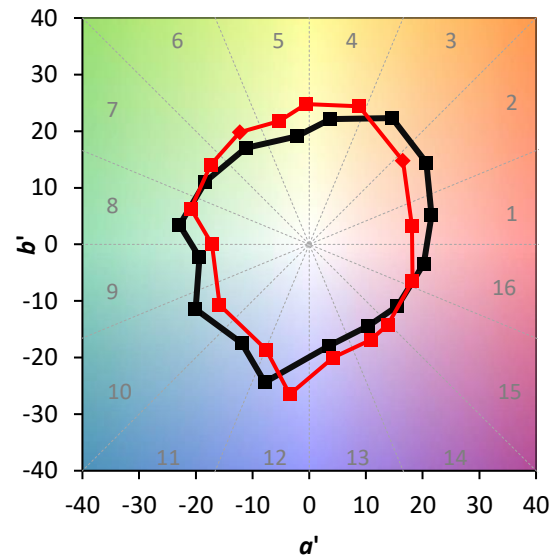
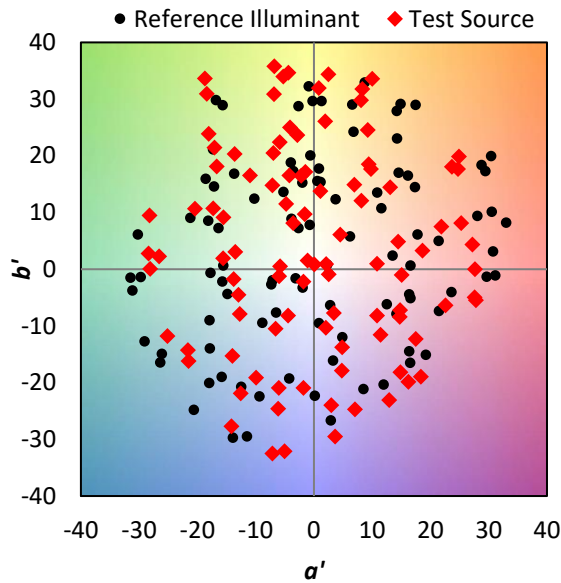
TM-30-18

Summary

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

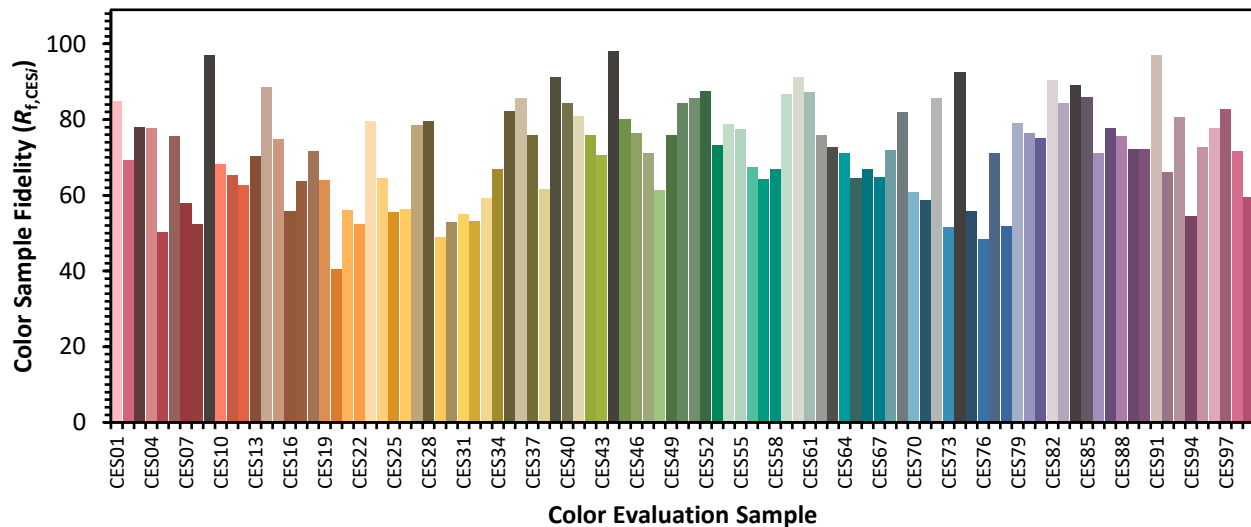


Color Vector Graphics

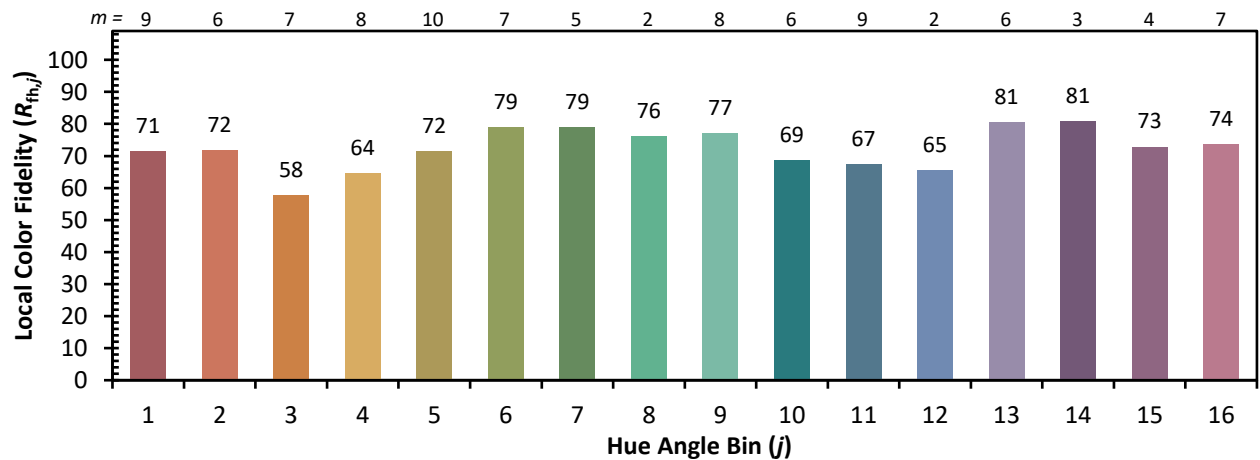
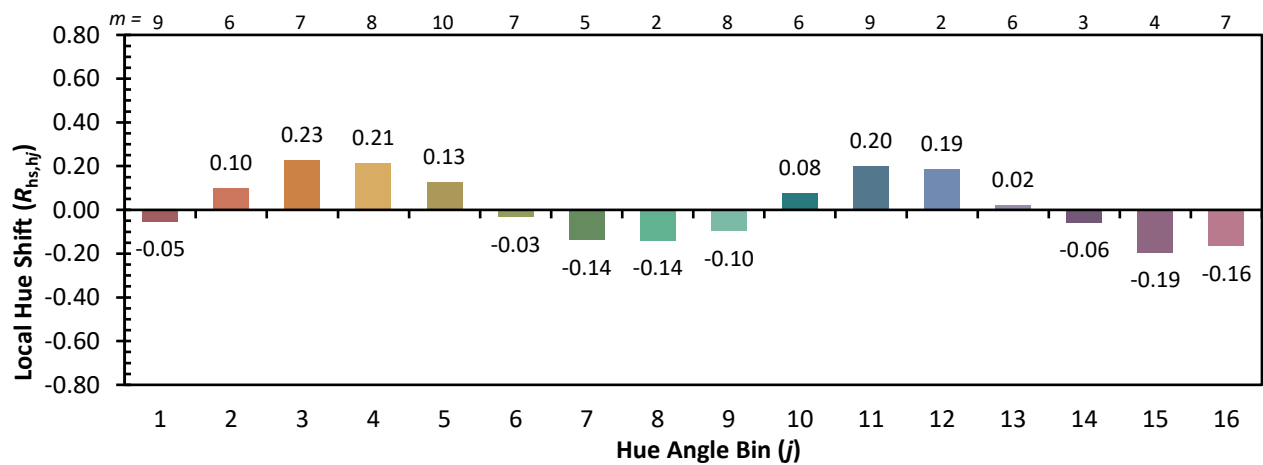
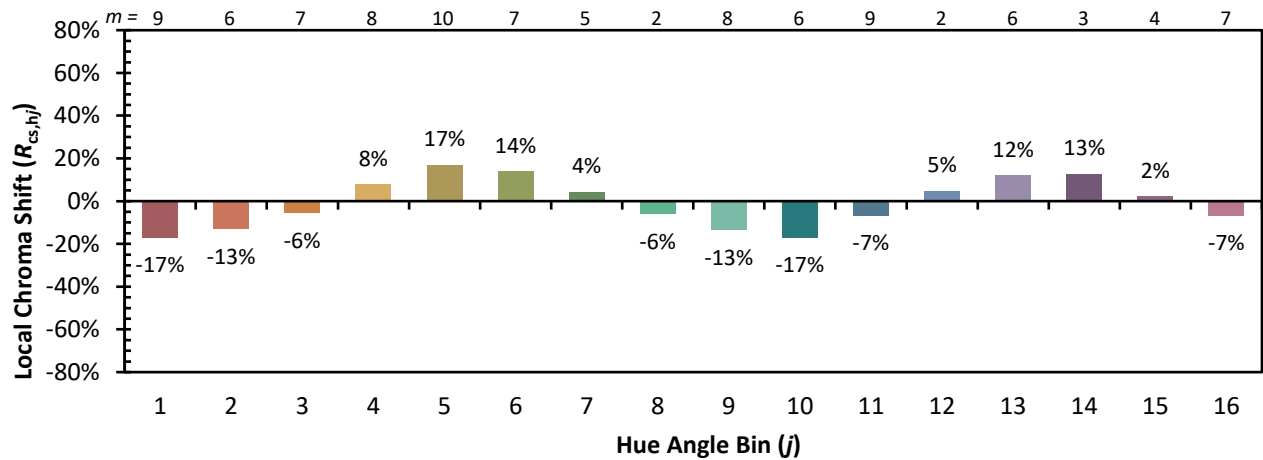


Individual Sample Fidelity Index ($R_{f,i}$)

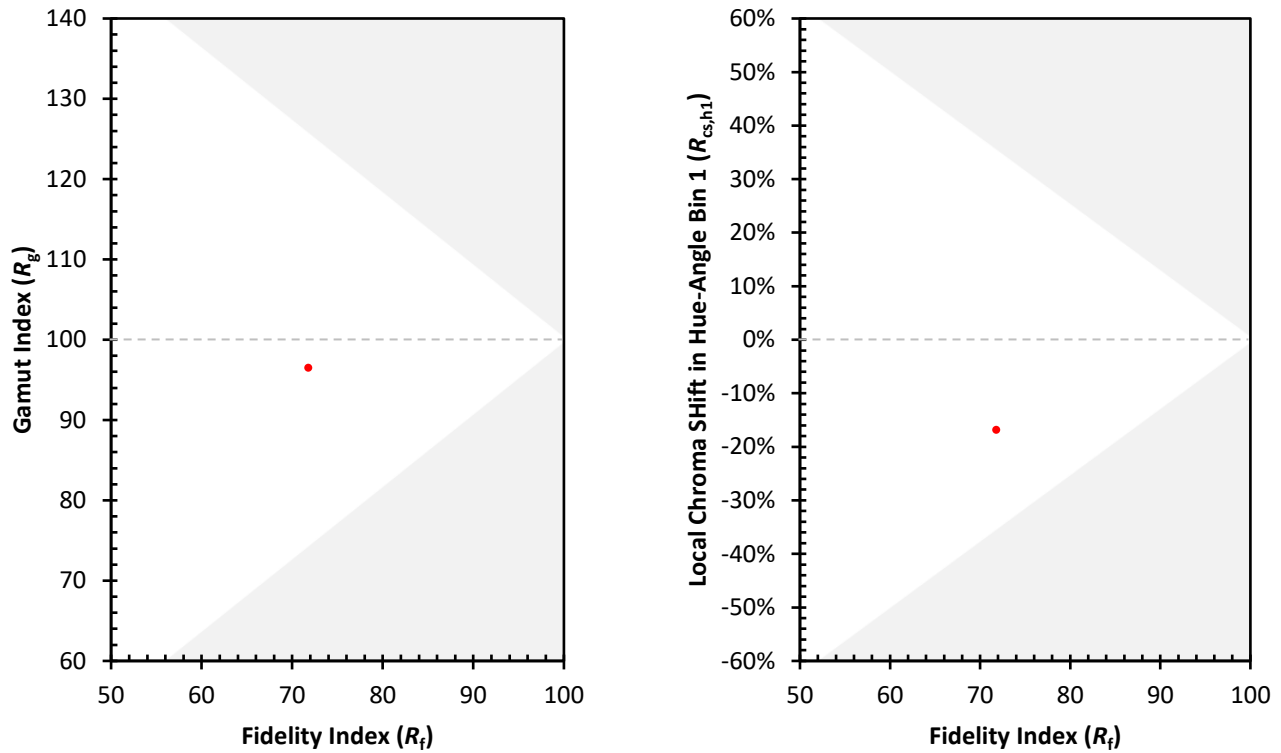
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82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