

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: P1049067

Luminaire Tested: **GALN-SA1C-760-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049067
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1C-760-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
70CRI 5700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (14) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5213.9 lumens
Efficiency: N/A
Efficacy: 103.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 50.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

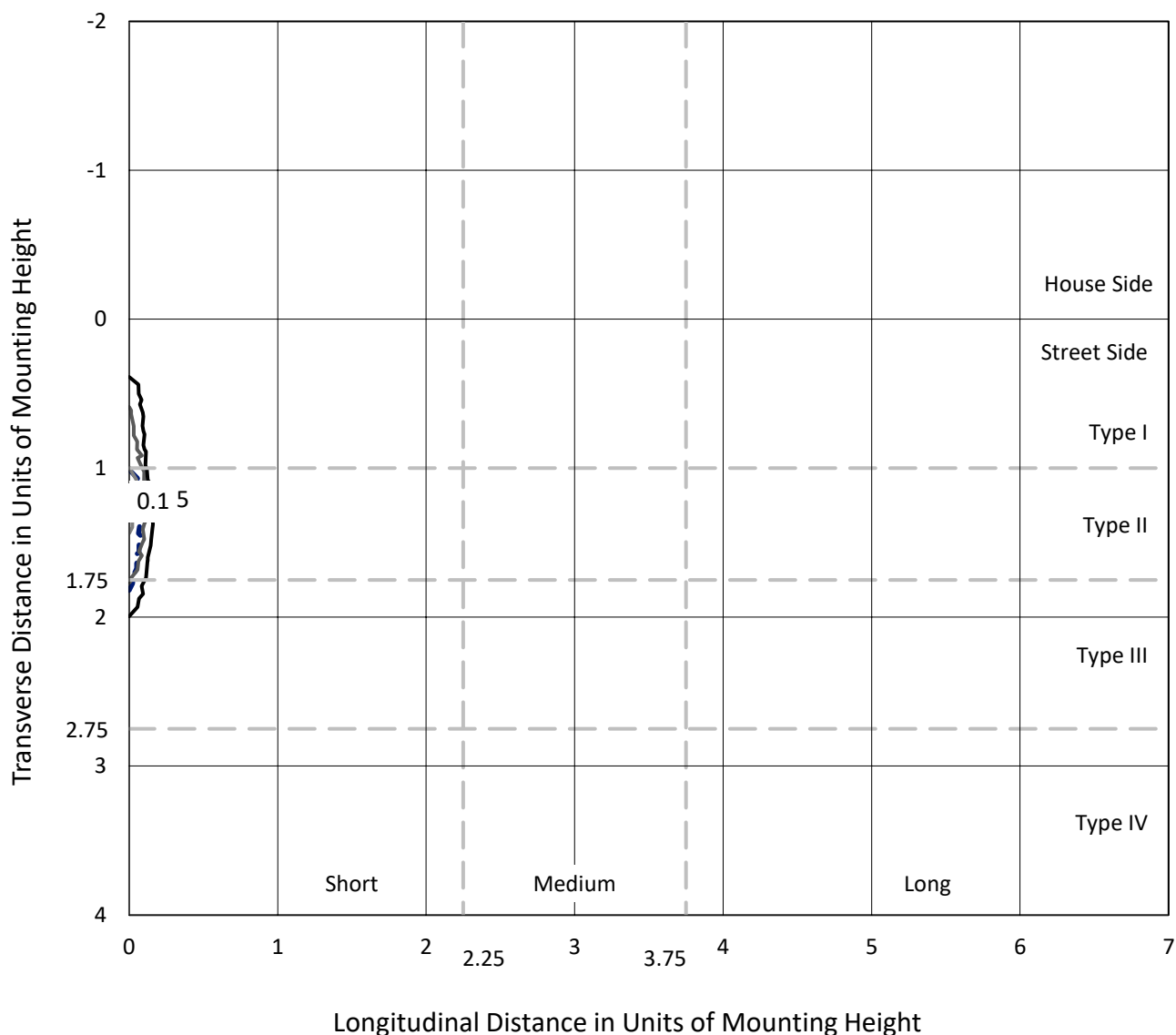
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

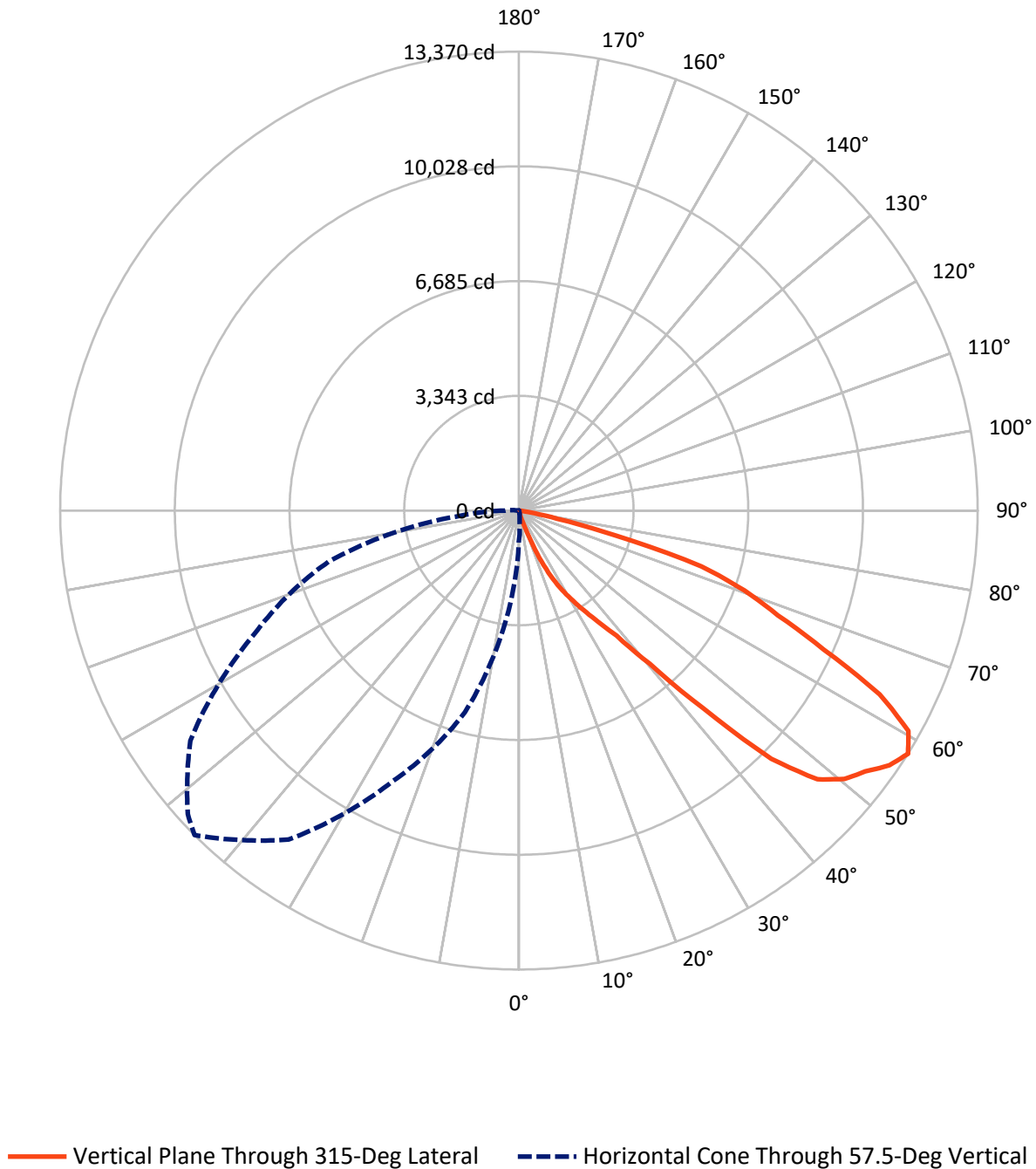


Based on 20 foot mounting height. Maximum calculated value = 0.8 fc

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	26.1	0.0	26.1
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	5187.8	0.0	5187.8
	% Fixture	99.5	0.0	99.5
Total	Lumens	5213.9	0.0	5213.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.0	0.0
10°-20°	11.5	0.2
20°-30°	123.6	2.4
30°-40°	365.4	7.0
40°-50°	1089.0	20.9
50°-60°	1726.7	33.1
60°-70°	1441.4	27.6
70°-80°	444.5	8.5
80°-90°	9.9	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°	5213.9	100.0
0°-180°	5213.9	100.0



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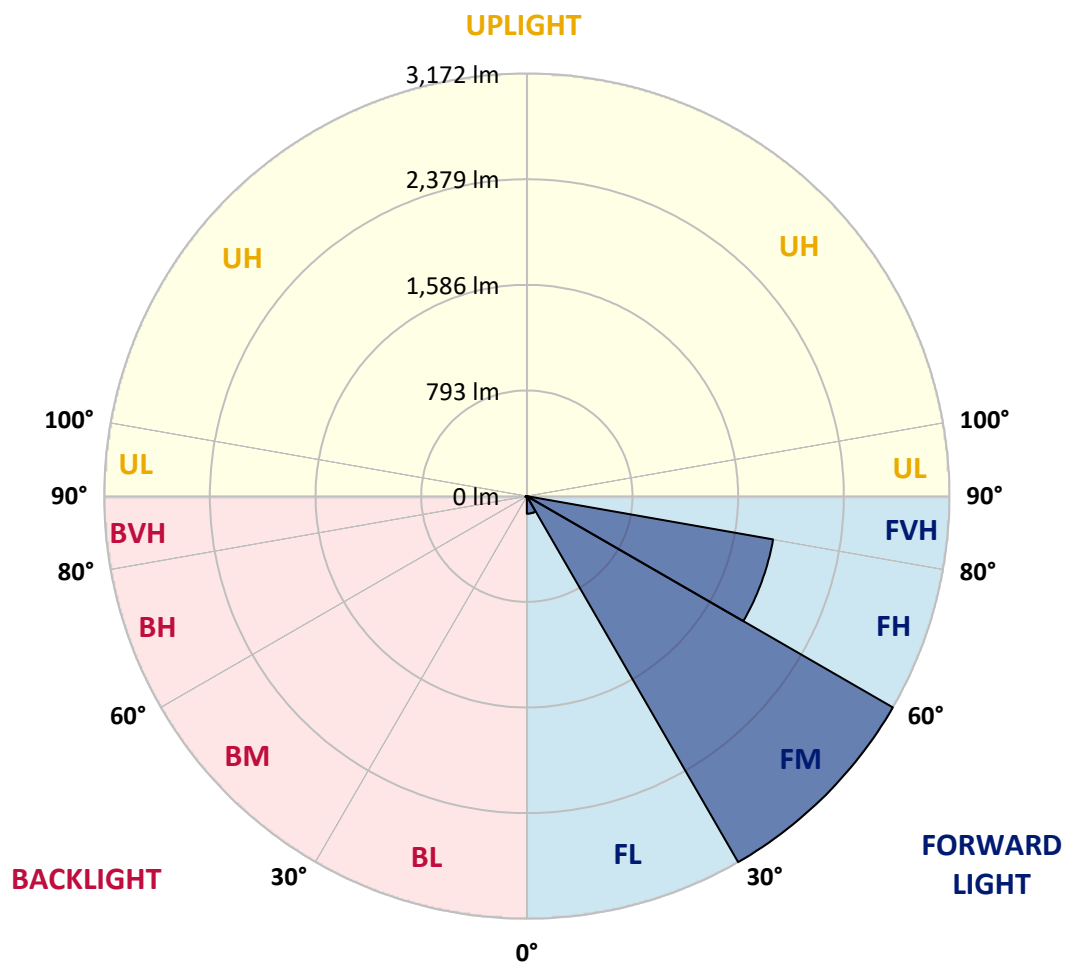
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	132.3	2.5			
FM	(30°-60°)	3171.8	60.8			
FH	(60°-80°)	1876.1	36.0			G2/5000
FVH	(80°-90°)	7.6	0.1			G0/10
BL	(0°-30°)	4.8	0.1	B0/110		
BM	(30°-60°)	9.3	0.2	B0/220		
BH	(60°-80°)	9.7	0.2	B0/110		G0/110
BVH	(80°-90°)	2.2	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
2.5°	20.9	20.9	20.9	20.9	20.5	20.5	20.1	20.1	19.7	19.7
5°	22.1	22.1	21.7	21.3	21.3	20.9	20.5	20.1	20.1	19.7
7.5°	24.0	23.6	23.2	22.9	22.1	21.7	20.9	20.5	20.1	19.3
10°	26.4	25.6	24.8	24.0	23.2	22.5	21.7	21.3	20.5	20.1
12.5°	29.6	28.4	26.8	25.6	24.8	23.6	22.9	22.1	20.9	20.1
15°	32.3	30.7	28.8	27.2	26.0	24.4	23.2	22.1	21.3	20.1
17.5°	36.2	33.5	30.3	28.4	26.8	24.8	22.9	21.7	20.5	18.9
20°	42.9	37.4	31.5	29.2	26.8	24.4	22.1	20.5	19.3	17.7
22.5°	53.6	44.1	34.7	31.1	28.0	24.4	21.3	19.7	18.1	16.5
25°	74.1	57.1	40.2	35.5	30.7	26.0	21.3	19.3	17.7	15.8
27.5°	98.5	73.3	47.7	41.0	34.7	28.0	21.3	18.9	16.9	14.6
30°	123.3	89.8	55.9	47.3	38.6	29.9	21.3	18.5	16.2	13.4
32.5°	147.0	105.2	63.0	52.8	42.6	31.9	21.7	18.5	15.4	12.2
35°	171.0	117.8	64.2	53.6	42.9	31.9	21.3	17.7	14.6	11.0
37.5°	201.7	132.0	61.9	51.2	41.0	30.3	20.1	16.9	13.8	10.2
40°	248.2	155.6	63.0	52.0	41.0	29.9	18.9	15.8	13.0	9.9
42.5°	334.1	201.3	68.2	55.6	42.9	29.9	17.3	14.6	12.2	9.5
45°	577.6	334.5	91.4	72.5	53.6	34.7	15.8	13.4	11.4	9.1
47.5°	955.5	559.9	164.3	126.9	89.8	52.4	15.4	13.4	11.4	9.1
50°	1219.5	713.2	206.9	159.2	111.5	63.8	16.2	13.8	11.8	9.5
52.5°	1217.5	724.2	230.5	176.9	123.7	70.1	16.9	14.6	12.6	10.2
55°	1082.3	658.8	234.8	180.5	126.5	72.1	18.1	15.8	13.4	11.0
57.5°	904.6	559.5	214.3	165.9	117.8	69.3	20.9	18.1	15.8	13.0
60°	715.5	441.3	167.1	132.0	97.3	62.3	27.6	24.0	20.9	17.3
62.5°	494.1	319.9	145.8	117.0	88.7	59.9	31.5	28.0	24.8	21.3
65°	349.5	240.7	131.6	107.2	83.1	58.7	34.3	30.3	26.8	22.9
67.5°	261.2	191.5	121.4	100.5	79.6	58.7	37.8	33.1	28.8	24.0
70°	200.2	157.2	113.9	96.9	80.4	63.4	46.5	39.8	33.5	26.8
72.5°	163.1	134.4	105.2	93.0	80.8	68.6	56.3	47.7	39.0	29.9
75°	135.1	115.1	95.0	84.7	74.9	64.6	54.4	46.5	39.0	31.1
77.5°	89.8	82.0	73.7	67.8	61.9	55.6	49.6	42.9	36.6	29.9
80°	31.5	30.3	29.2	31.5	33.9	36.2	38.6	33.9	29.6	24.8
82.5°	4.7	4.3	3.9	4.3	4.7	5.1	5.5	5.9	6.3	6.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
0.0	2.5°	19.3	19.3	18.9	18.9	18.9	18.5	18.5	18.1	18.1	18.1
0.0	5°	18.9	18.9	18.5	18.1	17.7	17.7	17.3	16.9	16.9	16.5
0.0	7.5°	18.5	18.1	17.7	17.3	16.9	16.5	16.2	15.8	15.8	15.4
0.0	10°	18.9	18.1	17.7	16.9	16.5	16.2	15.4	15.0	14.6	14.6
0.0	12.5°	18.1	17.7	16.9	16.2	15.8	15.0	14.6	13.8	13.4	13.4
0.0	15°	18.1	17.3	16.2	15.4	14.6	14.2	13.4	12.6	12.2	11.8
0.0	17.5°	16.9	16.2	15.0	14.2	13.4	12.6	11.8	11.0	10.6	10.2
0.0	20°	15.4	14.6	13.4	12.2	11.4	10.6	9.9	9.1	8.7	8.3
0.0	22.5°	13.8	13.0	11.8	10.6	9.9	9.1	7.9	7.1	6.7	5.9
0.0	25°	13.0	11.8	10.6	9.5	8.3	7.5	6.3	5.1	4.3	3.5
0.0	27.5°	11.0	9.9	8.7	7.5	6.3	5.1	3.9	2.8	2.0	1.6
0.0	30°	9.5	8.3	7.1	5.9	4.3	3.2	2.0	0.4	0.4	0.4
0.0	32.5°	7.9	6.7	5.1	3.9	3.2	2.0	1.2	0.0	0.0	0.0
0.0	35°	6.3	5.1	3.5	2.4	2.0	1.2	0.8	0.0	0.0	0.0
0.0	37.5°	5.5	4.3	2.8	1.2	0.8	0.8	0.4	0.0	0.0	0.0
0.0	40°	5.1	3.5	2.0	0.4	0.4	0.4	0.0	0.0	0.0	0.0
0.0	42.5°	5.1	3.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	5.1	3.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	5.1	3.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	5.5	3.9	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	6.3	4.7	3.2	1.6	1.2	0.8	0.4	0.0	0.0	0.0
0.0	55°	7.9	7.1	5.9	5.1	3.9	2.8	1.2	0.0	0.0	0.0
0.0	57.5°	10.2	10.2	9.9	9.5	7.1	4.7	2.4	0.0	0.0	0.0
0.0	60°	13.8	13.8	13.8	13.8	10.2	7.1	3.5	0.0	0.0	0.0
0.0	62.5°	16.9	16.2	15.0	14.2	10.6	7.1	3.5	0.0	0.0	0.0
0.0	65°	16.9	15.4	13.4	11.4	8.7	5.9	2.8	0.0	0.0	0.0
0.0	67.5°	15.8	12.6	9.1	5.9	4.3	3.2	1.6	0.0	0.0	0.0
	70°	15.8	11.0	6.3	1.6	1.2	0.8	0.4	0.0	0.0	0.0
	72.5°	15.8	10.6	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	17.3	11.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	17.3	11.8	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	15.4	10.2	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	5.1	3.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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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°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
0.0	2.5°	17.7	17.7	17.7	17.3	17.3	17.3	17.3	16.9	16.9	16.9
0.0	5°	16.2	16.2	15.8	15.8	15.4	15.4	15.0	15.0	14.6	14.6
0.0	7.5°	15.0	14.6	14.6	14.2	13.8	13.8	13.4	13.4	13.0	12.6
0.0	10°	13.8	13.4	13.4	13.0	12.6	12.2	12.2	11.8	11.4	11.0
0.0	12.5°	12.6	12.2	11.8	11.4	11.0	10.6	10.6	10.2	9.9	9.5
0.0	15°	11.0	10.6	10.2	9.9	9.5	9.1	9.1	8.7	8.3	7.9
0.0	17.5°	9.5	9.1	9.1	8.7	8.3	7.9	7.5	6.7	6.3	5.9
0.0	20°	7.1	6.7	6.3	5.9	5.5	4.7	4.3	3.5	2.8	2.4
0.0	22.5°	4.7	3.9	3.5	2.8	2.0	1.6	1.2	0.4	0.0	0.0
0.0	25°	1.6	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049067

CATALOG NUMBER: GALN-SA1C-760-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049067

CATALOG NUMBER: GALN-SA1C-760-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
0.0	2.5°	16.5	16.5	16.5	16.2	16.2	16.2	16.2	16.2	16.2	16.2
0.0	5°	14.2	14.2	14.2	13.8	13.8	13.4	13.4	13.4	13.0	13.0
0.0	7.5°	12.2	11.8	11.8	11.4	11.4	11.0	11.0	11.0	10.6	10.6
0.0	10°	10.2	9.9	9.9	9.5	9.5	9.1	9.1	8.7	8.7	8.3
0.0	12.5°	9.1	8.7	8.3	7.9	7.9	7.5	7.1	7.1	6.7	6.3
0.0	15°	7.1	6.7	6.3	5.9	5.5	5.1	4.7	4.7	4.3	3.9
0.0	17.5°	4.7	3.9	3.5	3.2	3.2	2.8	2.4	2.0	1.6	1.2
0.0	20°	1.2	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P1049067

CATALOG NUMBER: GALN-SA1C-760-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049067

CATALOG NUMBER: GALN-SA1C-760-U-RBC

CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
0.0	2.5°	16.2	15.8	15.8	15.8	16.2	16.2	16.2	16.2	16.2	16.2
0.0	5°	13.0	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
0.0	7.5°	10.6	10.2	10.2	10.2	10.2	9.9	9.9	9.9	9.9	9.9
0.0	10°	8.3	7.9	7.9	7.9	7.9	7.5	7.5	7.5	7.5	7.5
0.0	12.5°	5.9	5.9	5.5	5.5	5.5	5.1	5.1	5.1	5.1	4.7
0.0	15°	3.5	3.2	2.8	2.8	2.8	2.4	2.4	2.4	2.4	2.0
0.0	17.5°	0.8	0.8	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA1C-760-U-RBC

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
0.0	2.5°	16.5	16.5	16.9	16.9	17.3	18.1	18.5	18.9	19.7	20.5
0.0	5°	13.0	13.4	13.4	13.8	14.2	14.6	15.0	15.4	16.2	16.9
0.0	7.5°	10.2	10.2	10.6	10.6	11.0	11.8	12.2	12.6	13.4	14.6
0.0	10°	7.9	7.9	8.3	8.3	8.7	9.5	9.9	10.2	11.0	12.2
0.0	12.5°	5.1	5.5	5.5	5.9	6.3	7.1	7.5	7.9	8.7	9.5
0.0	15°	2.4	2.8	2.8	3.2	3.5	4.3	4.7	5.1	5.9	7.1
0.0	17.5°	0.4	0.4	0.8	0.8	1.2	1.6	2.0	2.4	3.5	4.3
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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

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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
0.0	2.5°	21.7	22.5	23.2	24.0	24.8	25.6	26.0	26.8	27.2	27.6
0.0	5°	18.5	19.3	20.5	21.3	22.1	22.9	23.6	24.0	24.4	24.8
0.0	7.5°	16.2	16.9	18.1	18.9	19.7	20.5	21.3	22.1	22.5	22.9
0.0	10°	13.8	15.0	15.8	16.9	17.7	18.5	19.3	20.1	20.9	21.3
0.0	12.5°	11.0	12.2	13.4	14.2	15.4	16.5	17.3	18.1	18.9	19.7
0.0	15°	8.7	9.9	11.0	11.8	13.0	14.2	15.4	16.2	16.9	17.7
0.0	17.5°	6.3	7.5	8.7	9.5	10.6	11.8	12.6	13.8	14.6	15.4
0.0	20°	3.2	4.3	5.5	6.7	7.9	9.1	9.9	11.0	11.8	12.6
0.0	22.5°	0.4	1.6	2.8	3.5	4.7	5.9	6.7	7.9	8.7	9.5
0.0	25°	0.0	0.4	1.2	1.6	2.0	2.8	3.5	4.3	5.1	5.9
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.6	2.4	3.2
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.8
	85°	0.0	0.0	0.0	0.0	0.0	0.8	1.2	2.0	2.4	2.8
	87.5°	0.0	0.4	0.8	1.2	1.6	2.4	3.2	3.9	4.3	4.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049067

CATALOG NUMBER: GALN-SA1C-760-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
22.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.4											
1.6											
3.5											
5.1											
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REPORT NUMBER: P1049067

CATALOG NUMBER: GALN-SA1C-760-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
0.0	2.5°	28.0	28.0	28.0	28.0	27.6	27.6	27.6	27.2	27.2	26.8
0.0	5°	25.6	26.0	26.0	26.0	26.0	26.0	26.0	26.0	25.6	25.6
0.0	7.5°	23.6	24.0	24.4	24.4	24.8	24.8	24.8	24.4	24.4	24.0
0.0	10°	22.5	22.9	22.9	23.2	23.2	23.2	23.2	23.2	23.2	23.2
0.0	12.5°	20.9	21.3	21.7	21.7	22.1	22.1	22.1	22.1	21.7	21.7
0.0	15°	18.9	19.7	20.1	20.5	20.5	20.9	20.9	20.9	20.9	20.9
0.0	17.5°	17.3	18.1	18.5	18.9	18.9	19.3	19.3	19.7	19.7	19.7
0.0	20°	14.2	15.0	15.4	16.2	16.5	16.9	17.3	17.7	17.7	18.1
0.0	22.5°	11.0	11.8	12.2	13.0	13.4	13.8	14.2	14.6	15.0	15.4
0.0	25°	7.9	8.7	9.1	9.9	10.2	10.6	11.0	11.4	11.4	11.8
0.0	27.5°	4.3	5.1	5.9	6.3	7.1	7.5	7.9	8.3	8.7	9.1
0.0	30°	2.0	2.4	2.8	3.5	3.9	4.3	4.7	5.5	5.9	6.3
0.0	32.5°	0.0	0.0	0.4	1.2	1.6	2.0	2.4	2.8	2.8	3.2
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.8	1.2	1.6
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.8	0.8	0.8	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	82.5°	2.0	2.4	2.8	2.8	3.2	3.2	3.2	3.2	2.8	2.8
	85°	3.9	4.3	4.7	4.7	5.1	5.1	5.1	5.1	5.1	5.1
	87.5°	5.5	5.9	6.3	6.3	6.7	6.7	6.7	6.7	6.7	6.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049067

CATALOG NUMBER: GALN-SA1C-760-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
22.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.2											
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REPORT NUMBER: P1049067

CATALOG NUMBER: GALN-SA1C-760-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
0.0	0°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
0.0	2.5°	26.4	26.4	26.0	26.0	26.0	26.0	26.0	26.4	26.8	26.8
0.0	5°	25.2	25.2	24.8	24.8	24.8	25.2	25.2	25.6	26.0	26.4
0.0	7.5°	24.0	23.6	23.6	24.0	24.0	24.4	24.4	24.8	25.2	25.6
0.0	10°	23.2	22.9	22.9	22.9	23.2	23.2	23.6	24.0	24.4	24.8
0.0	12.5°	21.7	21.7	21.7	21.7	22.1	22.1	22.5	22.9	23.6	24.0
0.0	15°	20.9	20.5	20.5	20.5	20.5	20.9	20.9	21.7	22.5	22.9
0.0	17.5°	19.3	19.3	18.9	18.9	19.3	19.3	19.7	20.5	21.3	21.7
0.0	20°	17.7	17.3	16.9	16.9	17.3	17.3	17.7	18.5	19.3	19.7
0.0	22.5°	15.4	15.0	15.0	15.0	15.0	15.4	15.4	16.2	17.3	18.1
0.0	25°	12.2	12.6	12.6	13.0	13.0	13.4	13.8	14.6	15.8	16.5
0.0	27.5°	9.5	9.9	9.9	10.6	11.0	11.4	11.8	13.0	14.2	15.0
0.0	30°	7.1	7.5	7.9	8.3	9.1	9.9	10.6	11.8	13.0	13.8
0.0	32.5°	4.3	5.1	5.5	6.3	7.1	7.9	8.7	9.9	11.4	12.6
0.0	35°	3.2	3.5	4.3	4.7	5.5	6.3	7.1	8.7	9.9	11.4
0.0	37.5°	1.6	2.4	3.2	3.9	4.7	5.5	6.3	7.9	9.5	10.6
0.0	40°	1.2	2.0	2.4	3.2	4.3	5.1	5.9	7.5	9.1	10.6
0.0	42.5°	0.8	1.2	1.6	2.8	3.5	4.7	5.9	7.5	9.1	10.6
0.0	45°	0.8	0.8	1.2	2.4	3.5	5.1	6.3	7.9	9.1	10.6
0.0	47.5°	0.8	1.2	1.6	3.2	3.9	5.1	6.3	7.5	9.1	10.2
0.0	50°	1.2	1.6	2.0	3.5	4.3	5.5	6.3	7.9	9.1	10.6
0.0	52.5°	0.8	1.2	1.6	3.2	4.3	5.9	7.1	8.7	10.2	11.4
0.0	55°	0.4	0.4	0.4	2.4	4.7	6.7	9.1	10.2	11.8	13.0
0.0	57.5°	0.0	0.0	0.0	1.6	4.7	7.5	10.2	11.8	13.4	14.6
0.0	60°	0.0	0.0	0.0	1.6	4.7	7.5	10.2	12.2	14.2	16.2
0.0	62.5°	0.0	0.0	0.0	1.6	3.9	6.3	8.7	11.8	15.4	18.5
0.0	65°	0.0	0.0	0.0	1.2	3.2	5.1	7.1	11.8	16.5	20.9
0.0	67.5°	0.0	0.0	0.0	1.2	3.2	4.7	6.7	11.8	16.5	21.7
	70°	0.0	0.0	0.0	1.2	3.2	5.1	7.1	11.8	16.5	21.3
	72.5°	0.0	0.0	0.0	1.2	3.5	5.5	7.9	11.8	15.8	19.7
	75°	0.0	0.0	0.0	1.6	3.5	5.9	8.3	11.8	15.4	18.5
	77.5°	0.0	0.0	0.0	1.2	3.5	5.5	7.9	11.4	15.0	18.1
	80°	1.2	0.8	0.8	2.0	3.5	5.1	6.7	10.2	14.2	17.7
	82.5°	2.4	2.4	2.0	2.8	3.5	4.7	5.9	9.1	12.6	15.8
	85°	4.7	4.7	4.3	4.7	4.7	5.1	5.5	7.1	8.7	10.2
	87.5°	6.3	6.3	5.9	5.9	5.9	5.5	5.5	5.5	5.5	5.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
22.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.0											
23.6											
22.1											
21.7											
21.3											
18.9											
11.8											
5.1											
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REPORT NUMBER: P1049067

CATALOG NUMBER: GALN-SA1C-760-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
0.0	2.5°	27.6	28.0	28.0	28.4	28.8	29.2	29.2	29.6	29.6	29.6
0.0	5°	27.2	28.0	28.4	28.8	29.2	29.6	29.9	30.3	30.7	30.7
0.0	7.5°	26.8	27.2	28.0	28.4	29.2	29.6	30.3	30.7	31.1	31.5
0.0	10°	26.0	26.8	27.6	28.4	29.2	29.9	30.7	31.5	32.3	32.7
0.0	12.5°	25.2	26.4	27.2	28.0	29.2	30.3	31.1	32.3	33.1	33.9
0.0	15°	24.8	25.6	26.8	27.6	29.2	30.7	31.9	33.5	35.1	36.2
0.0	17.5°	23.6	25.2	26.4	27.6	29.2	31.1	32.7	34.3	36.6	39.0
0.0	20°	22.1	23.2	24.8	26.0	28.4	30.3	32.7	34.7	38.2	41.8
0.0	22.5°	20.5	22.1	23.2	24.8	27.6	29.9	32.7	35.1	41.0	46.5
0.0	25°	18.9	20.9	22.5	24.0	27.2	30.3	33.5	36.6	46.5	56.3
0.0	27.5°	18.1	19.7	21.7	23.2	27.2	31.5	35.5	39.4	55.2	70.5
0.0	30°	16.9	18.9	20.5	22.5	27.6	32.7	37.8	42.9	67.0	91.0
0.0	32.5°	15.8	17.7	19.7	21.7	28.4	35.1	41.4	48.1	79.6	110.7
0.0	35°	14.6	16.9	18.9	20.9	29.6	38.6	47.3	55.9	91.0	125.7
0.0	37.5°	14.2	16.5	18.5	20.5	29.9	39.0	48.5	57.5	92.2	126.9
0.0	40°	14.6	16.5	18.9	20.9	28.8	36.6	44.1	52.0	88.3	124.1
0.0	42.5°	14.6	16.9	19.3	21.7	28.0	34.3	40.6	46.9	87.1	127.3
0.0	45°	14.2	16.5	18.9	21.3	27.2	32.7	38.6	44.1	94.2	143.8
0.0	47.5°	13.8	16.2	18.5	20.9	26.8	32.7	38.6	44.5	121.7	198.6
0.0	50°	13.8	16.2	18.1	20.1	27.2	34.7	41.8	48.9	177.3	305.4
0.0	52.5°	14.6	16.5	18.1	19.7	28.0	36.6	44.9	53.2	225.4	397.2
0.0	55°	15.8	16.9	18.5	19.7	29.9	39.8	50.0	59.9	240.0	420.0
0.0	57.5°	17.3	18.5	19.7	20.9	33.5	46.1	58.3	70.9	241.1	411.0
0.0	60°	19.3	20.9	22.1	23.2	36.6	50.4	63.8	77.2	218.3	358.9
0.0	62.5°	23.6	25.6	27.2	29.2	42.2	54.8	67.8	80.4	181.2	282.1
0.0	65°	27.2	28.8	30.3	31.9	44.5	57.5	70.1	82.7	153.7	224.6
0.0	67.5°	28.0	29.6	30.7	32.3	45.3	58.3	70.9	83.9	131.6	178.9
	70°	28.4	30.3	32.7	34.7	48.1	61.5	74.5	87.9	116.6	145.4
	72.5°	27.2	31.1	34.7	38.2	50.8	63.0	75.7	87.9	108.4	128.8
	75°	27.2	32.7	37.8	42.9	52.4	61.5	70.9	80.0	95.7	111.5
	77.5°	28.8	35.9	42.9	50.0	55.6	60.7	66.2	71.3	81.6	91.8
	80°	28.8	36.2	43.3	50.8	53.2	55.9	58.3	60.7	61.9	63.0
	82.5°	24.8	30.7	36.6	42.6	39.8	37.0	34.3	31.5	29.6	27.2
	85°	12.6	13.8	14.6	15.4	14.2	13.0	11.8	10.6	9.9	8.7
	87.5°	5.1	5.1	4.7	4.7	4.7	4.7	4.3	4.3	4.3	4.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049067

CATALOG NUMBER: GALN-SA1C-760-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
22.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	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
48.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
224.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
244.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
264.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
303.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
382.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
893.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1124.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1150.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1037.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
887.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
693.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
524.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
386.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
273.8											
203.7											
148.1											
111.5											
62.6											
28.4											
8.3											
3.9											
0.0											
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REPORT NUMBER: P1049067

CATALOG NUMBER: GALN-SA1C-760-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
0.0	2.5°	29.6	29.2	29.2	28.8	28.4	28.0	27.6	27.2	26.8	26.4
0.0	5°	30.7	30.7	30.7	30.3	30.3	29.9	29.9	29.6	29.2	28.8
0.0	7.5°	31.9	32.3	32.3	32.7	32.7	32.7	32.7	32.3	32.3	32.3
0.0	10°	33.9	34.3	34.7	35.1	35.5	35.9	35.9	36.2	36.2	36.2
0.0	12.5°	36.2	37.4	38.2	39.4	40.2	41.4	42.2	43.3	44.1	44.9
0.0	15°	39.8	41.8	44.1	46.1	48.1	50.8	54.0	56.7	59.5	63.8
0.0	17.5°	44.9	51.2	57.5	63.4	69.7	83.5	97.3	110.7	124.5	144.6
0.0	20°	54.8	73.7	92.2	111.1	129.6	178.1	226.2	274.6	322.7	374.3
0.0	22.5°	76.8	123.3	169.8	216.3	262.8	364.1	464.9	566.2	667.1	785.7
0.0	25°	111.5	197.0	282.5	367.6	453.1	611.5	770.3	928.7	1087.1	1241.1
0.0	27.5°	162.3	293.1	424.0	554.4	685.2	899.9	1115.0	1329.8	1544.5	1718.7
0.0	30°	225.0	402.3	579.6	756.9	934.2	1178.5	1422.8	1666.7	1911.0	2101.3
0.0	32.5°	284.1	501.2	718.3	935.0	1152.1	1430.3	1708.8	1987.0	2265.2	2473.2
0.0	35°	322.7	585.1	847.9	1110.3	1372.7	1673.8	1974.8	2275.4	2576.4	2814.0
0.0	37.5°	361.3	664.3	966.9	1269.9	1572.5	1903.1	2233.6	2564.2	2894.8	3188.3
0.0	40°	404.6	760.0	1115.0	1470.4	1825.5	2217.1	2608.3	3000.0	3391.2	3805.4
0.0	42.5°	479.9	918.8	1358.2	1797.1	2236.0	2754.1	3272.3	3790.0	4308.1	4899.1
0.0	45°	621.4	1240.0	1858.9	2477.5	3096.1	3782.5	4469.3	5155.6	5842.0	6628.4
0.0	47.5°	967.7	1818.8	2669.4	3520.5	4371.2	5112.3	5853.0	6594.2	7334.9	8118.2
0.0	50°	1480.7	2471.2	3461.8	4451.9	5442.5	6113.1	6783.3	7453.9	8124.1	8869.2
0.0	52.5°	1851.8	2883.8	3916.1	4948.0	5979.9	6585.1	7190.7	7795.9	8401.1	9097.3
0.0	55°	1879.8	2905.8	3932.2	4958.2	5984.2	6592.2	7200.1	7808.1	8416.1	9154.0
0.0	57.5°	1664.3	2682.0	3699.4	4717.1	5734.4	6426.7	7118.6	7810.9	8502.7	9300.6
0.0	60°	1415.7	2433.8	3451.5	4469.7	5487.4	6284.9	7082.7	7880.2	8677.7	9425.1
0.0	62.5°	1104.4	2151.7	3199.4	4246.6	5293.9	6103.6	6913.3	7722.6	8532.3	9093.0
0.0	65°	823.1	1840.0	2857.0	3873.5	4890.5	5539.0	6187.5	6835.7	7484.2	7831.4
0.0	67.5°	595.0	1472.0	2348.7	3225.8	4102.4	4566.6	5030.7	5494.5	5958.6	6224.2
	70°	402.3	1009.8	1617.0	2224.6	2831.8	3213.2	3595.0	3976.4	4357.8	4716.3
	72.5°	278.6	619.8	961.4	1302.6	1643.8	2027.6	2411.0	2794.7	3178.1	3557.5
	75°	184.8	340.0	495.7	650.9	806.1	1090.2	1374.7	1658.8	1942.9	2169.0
	77.5°	131.2	177.7	224.6	271.1	317.6	370.8	424.3	477.5	530.7	611.5
	80°	62.3	68.2	74.1	79.6	85.5	104.8	124.1	143.4	162.7	183.2
	82.5°	29.6	31.9	34.3	36.2	38.6	40.6	42.6	44.5	46.5	44.5
	85°	7.9	7.9	8.3	8.3	8.3	8.3	8.3	8.3	8.3	7.9
	87.5°	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.2	3.2	2.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
22.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
426.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
904.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1395.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1892.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2292.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2681.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3051.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3482.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4219.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5490.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7414.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8901.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9614.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9793.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9892.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10098.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10172.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9654.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8178.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6490.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5074.5											
3937.0											
2395.2											
692.3											
203.7											
42.2											
7.5											
2.8											
0.0											
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-SA1C-760-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
0.0	2.5°	25.6	25.2	24.8	24.4	24.0	23.2	23.2	22.9	22.9
0.0	5°	28.0	27.6	27.2	26.8	26.8	26.4	26.0	26.0	25.6
0.0	7.5°	31.9	31.5	31.1	30.7	30.7	30.3	30.3	29.9	29.9
0.0	10°	36.6	36.6	36.6	36.6	36.6	36.2	36.2	36.2	35.9
0.0	12.5°	46.1	46.5	47.3	48.1	49.3	49.3	49.3	48.9	48.9
0.0	15°	72.9	77.2	80.4	83.5	86.3	92.6	91.8	90.6	89.8
0.0	17.5°	184.4	204.1	214.7	225.0	235.6	264.8	260.0	255.3	251.0
0.0	20°	477.9	529.6	563.8	598.1	632.8	687.5	674.2	660.8	647.4
0.0	22.5°	1022.5	1141.1	1192.7	1244.3	1295.5	1361.7	1318.8	1275.8	1233.3
0.0	25°	1548.9	1702.9	1790.0	1877.1	1963.7	2001.6	1945.6	1889.3	1833.3
0.0	27.5°	2067.0	2241.1	2318.0	2394.4	2471.2	2550.4	2481.1	2411.3	2342.0
0.0	30°	2482.3	2672.6	2755.7	2838.5	2921.6	2976.7	2905.0	2832.9	2761.2
0.0	32.5°	2889.7	3097.7	3188.7	3279.7	3370.4	3449.6	3361.3	3272.7	3184.4
0.0	35°	3288.8	3526.4	3651.7	3777.0	3902.3	3976.0	3871.2	3766.0	3661.1
0.0	37.5°	3775.8	4069.3	4209.6	4349.9	4490.1	4624.5	4509.1	4393.2	4277.8
0.0	40°	4633.6	5047.7	5262.8	5478.3	5693.5	5866.8	5721.0	5575.2	5429.5
0.0	42.5°	6081.2	6672.2	6981.5	7290.4	7599.7	7870.4	7717.1	7563.8	7410.5
0.0	45°	8201.3	8987.8	9364.8	9741.5	10118.6	10316.4	10095.7	9874.7	9654.0
0.0	47.5°	9684.4	10467.7	10803.4	11139.1	11474.8	11700.5	11430.6	11160.7	10891.2
0.0	50°	10358.9	11104.0	11440.9	11777.4	12114.2	12293.5	11981.9	11669.8	11358.1
0.0	52.5°	10489.3	11185.6	11587.5	11989.7	12391.6	12631.2	12263.2	11894.8	11526.8
0.0	55°	10630.4	11368.4	11834.5	12301.0	12767.1	13098.9	12682.8	12266.3	11850.3
0.0	57.5°	10896.0	11693.8	12158.8	12623.3	13088.2	13370.0	12952.7	12535.0	12117.8
0.0	60°	10919.6	11666.7	12066.2	12466.1	12865.6	13042.9	12643.8	12244.3	11845.1
0.0	62.5°	10214.7	10775.4	11052.8	11330.2	11607.5	11800.2	11383.8	10966.9	10550.4
0.0	65°	8526.0	8873.1	9094.2	9315.2	9536.2	9765.9	9384.5	9003.1	8621.7
0.0	67.5°	6755.7	7021.3	7312.4	7603.6	7894.8	8140.3	7834.9	7529.1	7223.8
	70°	5433.0	5791.2	6118.6	6446.0	6773.4	6974.4	6667.8	6360.9	6054.4
	72.5°	4316.4	4695.8	4969.3	5242.3	5515.8	5565.0	5339.6	5114.3	4889.3
	75°	2621.0	2847.1	2852.6	2857.8	2863.3	2910.2	2723.4	2536.6	2350.3
	77.5°	773.0	853.8	920.4	986.6	1053.2	1133.6	1065.0	996.1	927.5
	80°	223.8	244.3	261.6	278.6	295.9	285.7	269.5	253.3	237.2
	82.5°	40.2	37.8	37.4	37.0	37.0	35.1	31.9	28.8	25.6
	85°	7.1	6.7	6.3	5.9	5.5	5.1	4.3	3.9	3.2
	87.5°	2.4	2.0	1.6	1.2	1.2	0.4	0.4	0.4	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049067

CATALOG NUMBER: GALN-SA1C-760-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
0.0	0.0	2.5°	22.5	22.1	22.1	22.1	22.1	21.7	21.7	21.7	21.7
0.0	0.0	5°	24.8	24.8	24.4	24.4	24.0	24.0	23.6	23.6	23.2
0.0	0.0	7.5°	29.2	28.8	28.4	28.0	27.6	26.8	26.4	26.0	26.0
0.0	0.0	10°	35.1	34.3	33.9	33.1	32.7	31.9	31.1	30.3	29.6
0.0	0.0	12.5°	46.1	44.5	43.3	41.8	40.2	39.0	37.4	36.2	34.7
0.0	0.0	15°	80.0	76.0	71.7	66.6	61.1	55.9	50.4	47.3	43.7
0.0	0.0	17.5°	204.5	184.0	163.1	146.2	129.2	112.7	95.7	83.5	71.3
0.0	0.0	20°	520.5	463.8	407.0	351.1	294.7	238.8	182.4	154.1	125.7
0.0	0.0	22.5°	979.5	874.3	768.7	666.7	564.2	462.2	360.1	295.9	232.1
0.0	0.0	25°	1511.8	1379.4	1247.0	1079.2	911.0	743.1	575.3	470.8	366.4
0.0	0.0	27.5°	1967.3	1814.8	1662.3	1458.2	1254.1	1050.0	845.9	690.3	535.1
0.0	0.0	30°	2361.7	2197.8	2033.9	1796.3	1558.7	1321.1	1083.5	888.9	694.2
0.0	0.0	32.5°	2703.7	2507.5	2311.3	2066.2	1821.1	1576.0	1331.0	1092.2	853.4
0.0	0.0	35°	3098.1	2869.2	2639.9	2368.0	2095.7	1823.9	1552.0	1282.5	1012.6
0.0	0.0	37.5°	3599.3	3318.4	3037.0	2734.0	2431.0	2128.4	1825.5	1517.3	1209.2
0.0	0.0	40°	4558.7	4196.2	3833.7	3448.8	3063.4	2678.5	2293.5	1915.3	1537.0
0.0	0.0	42.5°	6277.8	5788.0	5298.3	4786.0	4273.4	3761.2	3248.6	2715.1	2181.2
0.0	0.0	45°	8217.9	7610.3	7002.4	6427.5	5852.2	5277.4	4702.5	3970.4	3238.4
0.0	0.0	47.5°	9308.9	8652.9	7996.8	7452.7	6908.6	6364.5	5820.3	5031.1	4241.9
0.0	0.0	50°	9710.4	9042.5	8374.7	7873.9	7372.7	6871.9	6370.8	5580.4	4789.6
0.0	0.0	52.5°	9795.9	9114.6	8433.4	7929.5	7425.5	6922.0	6418.0	5632.8	4847.5
0.0	0.0	55°	9971.6	9240.7	8509.4	7935.0	7360.5	6786.0	6211.6	5413.7	4615.8
0.0	0.0	57.5°	10201.3	9451.9	8702.5	8048.1	7393.6	6739.5	6085.1	5212.8	4340.4
0.0	0.0	60°	10141.0	9489.0	8836.5	8135.5	7434.2	6733.2	6031.9	5072.5	4112.7
0.0	0.0	62.5°	9094.6	8575.2	8055.5	7479.1	6902.3	6325.8	5749.4	4761.6	3773.8
0.0	0.0	65°	7481.9	7102.8	6723.8	6260.0	5795.9	5332.1	4868.4	3982.7	3097.3
0.0	0.0	67.5°	6063.8	5636.7	5209.2	4839.6	4469.7	4100.1	3730.1	3033.1	2336.1
		70°	4817.6	4353.0	3888.1	3527.2	3165.9	2805.0	2444.0	1980.7	1517.7
		72.5°	3825.8	3407.0	2988.2	2603.2	2217.9	1832.9	1447.6	1173.8	899.9
		75°	1828.6	1661.1	1493.7	1292.4	1091.0	889.7	688.3	569.0	450.0
		77.5°	677.7	587.5	496.8	414.9	332.9	251.4	169.4	155.2	141.1
		80°	175.3	152.9	130.0	113.9	97.3	81.2	65.0	58.7	52.8
		82.5°	20.1	18.5	17.3	16.5	15.4	14.6	13.4	12.2	11.0
		85°	1.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049067
CATALOG NUMBER: GALN-SA1C-760-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049067

CATALOG NUMBER: GALN-SA1C-760-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	22.9	22.9
0.0	0.0	2.5°	21.3	20.9
0.0	0.0	5°	22.5	22.1
0.0	0.0	7.5°	24.8	24.0
0.0	0.0	10°	27.2	26.4
0.0	0.0	12.5°	30.7	29.6
0.0	0.0	15°	34.7	32.3
0.0	0.0	17.5°	41.4	36.2
0.0	0.0	20°	55.9	42.9
0.0	0.0	22.5°	78.8	53.6
0.0	0.0	25°	115.8	74.1
0.0	0.0	27.5°	161.2	98.5
0.0	0.0	30°	214.3	123.3
0.0	0.0	32.5°	261.2	147.0
0.0	0.0	35°	322.3	171.0
0.0	0.0	37.5°	397.6	201.7
0.0	0.0	40°	514.2	248.2
0.0	0.0	42.5°	724.2	334.1
0.0	0.0	45°	1176.1	577.6
0.0	0.0	47.5°	1809.7	955.5
0.0	0.0	50°	2213.9	1219.5
0.0	0.0	52.5°	2247.0	1217.5
0.0	0.0	55°	2051.2	1082.3
0.0	0.0	57.5°	1750.2	904.6
0.0	0.0	60°	1454.7	715.5
0.0	0.0	62.5°	1146.2	494.1
0.0	0.0	65°	837.7	349.5
0.0	0.0	67.5°	601.7	261.2
		70°	395.6	200.2
		72.5°	257.7	163.1
		75°	173.4	135.1
		77.5°	101.3	89.8
		80°	35.9	31.5
		82.5°	6.7	4.7
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049067

CATALOG NUMBER: GALN-SA1C-760-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: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-757-U-5WQ

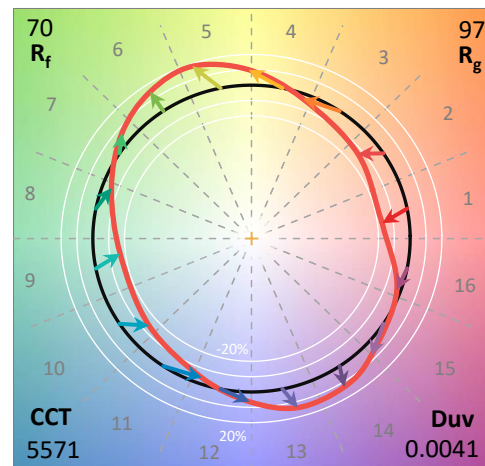
Data in this report applies to families of products including GSS-SB1A-757-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-7
 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-757-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5700K CCT 26 LEDS

Spectral Parameters

CCT (K):	5571	CRI (Ra):	69.9		
CIE u':	0.2033	R1:	68.8	R9:	-35.4
CIE v':	0.4806	R2:	72.5	R10:	36.7
Duv:	0.0041	R3:	76.8	R11:	73.9
CIE x:	0.3308	R4:	72.0	R12:	47.8
CIE y:	0.3476	R5:	70.9	R13:	68.0
CIE z:	0.3216	R6:	65.6	R14:	87.0
Peak Wavelength (nm):	442	R7:	75.5	R15:	59.8
Dominant Wavelength (nm):	544	R8:	56.8		
Purity:	3.635698				
Rf:	70.4				
Rg:	97.1				



Test Conditions

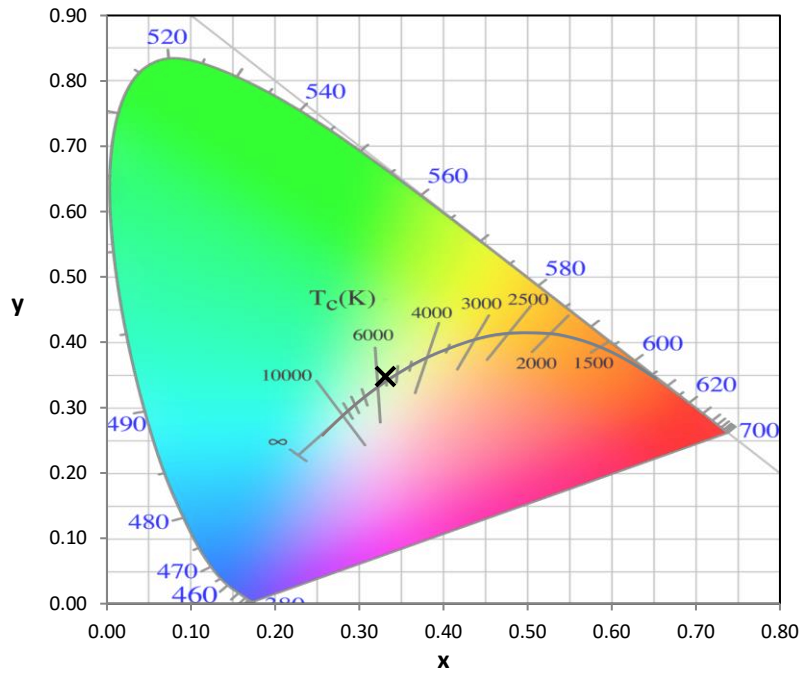
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-7

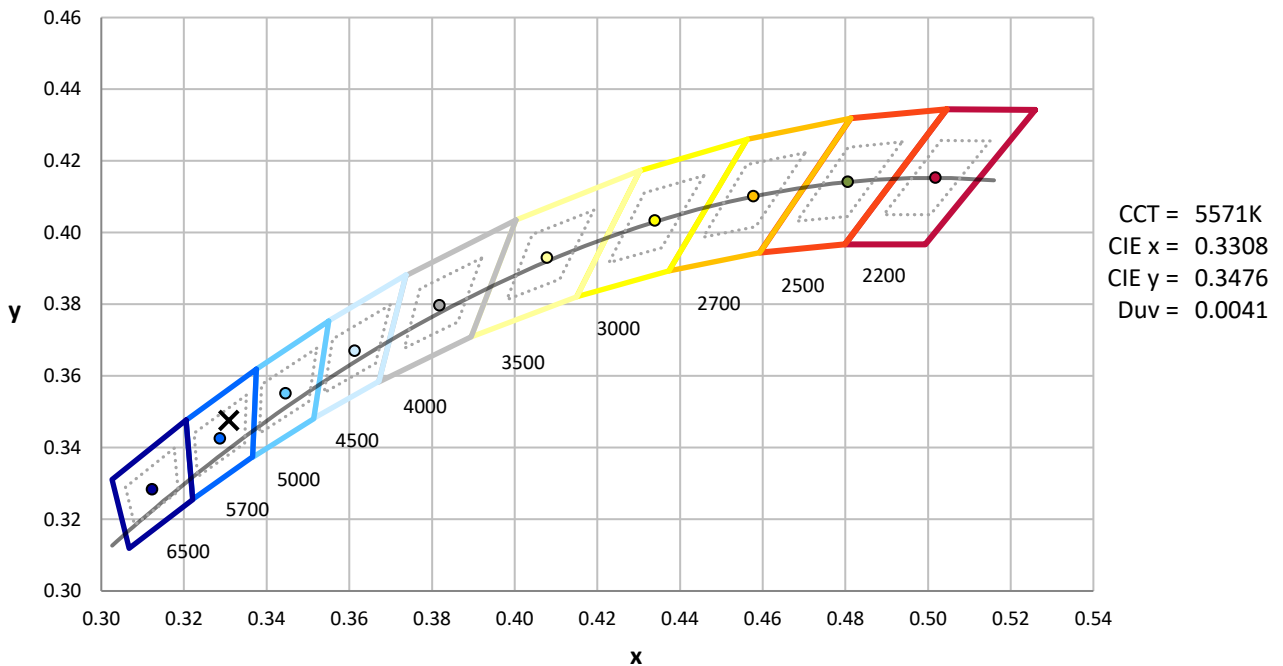
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-7

CIE 1931 Chromaticity Diagram



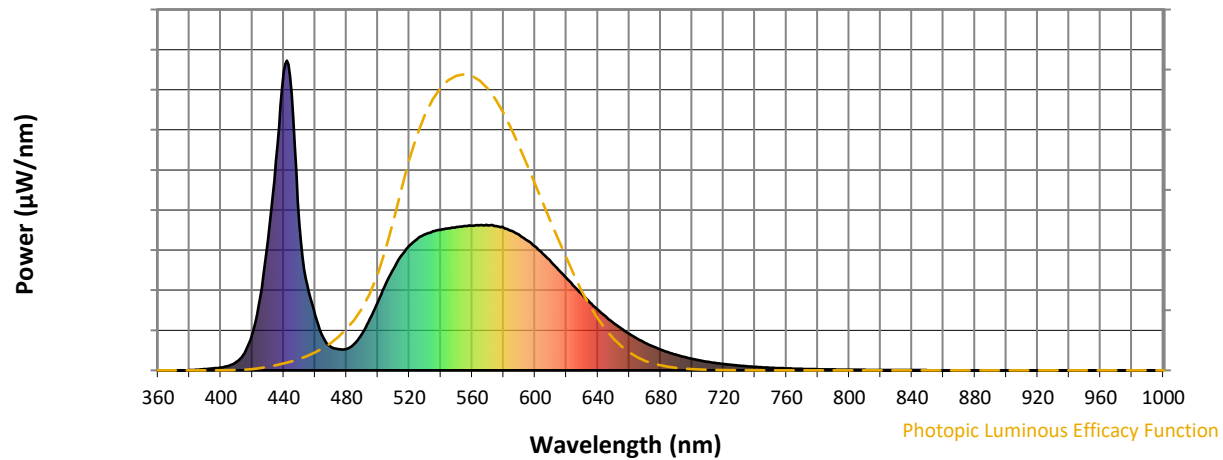
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-7

Photopic Flux vs. Wavelength

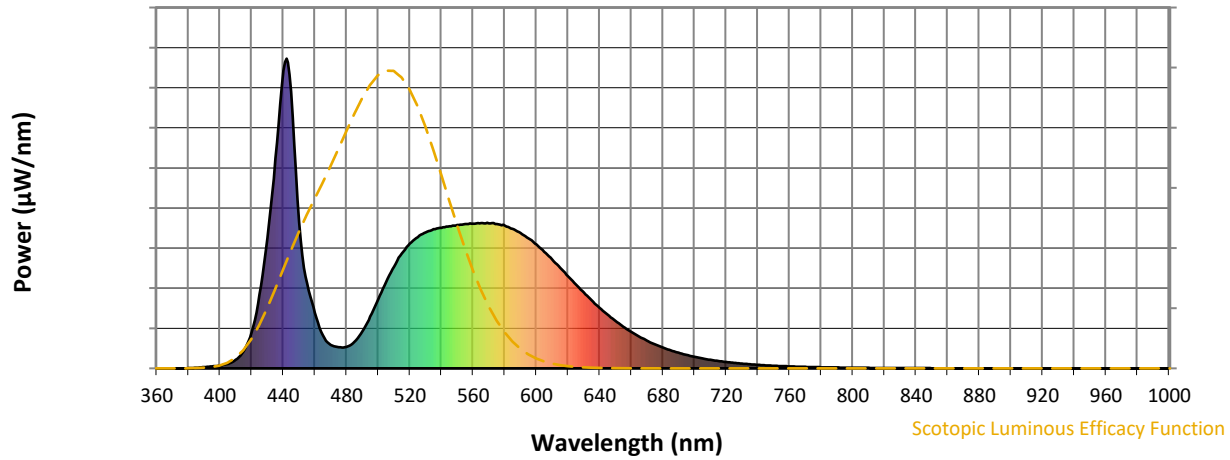


Photopic Lumens: NR

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-7

Scotopic Flux vs. Wavelength



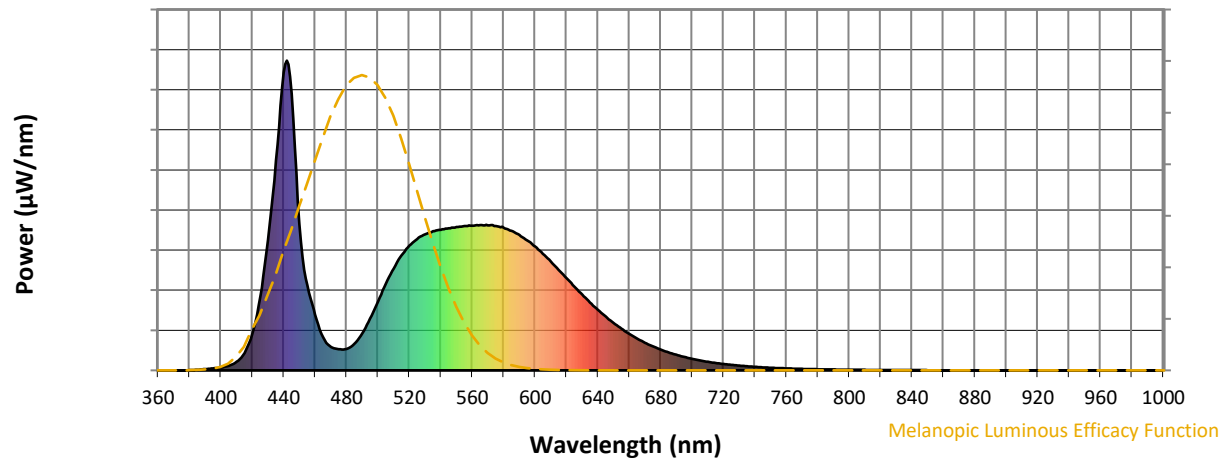
Scotopic Lumens: NR

S/P: 1.84

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.71

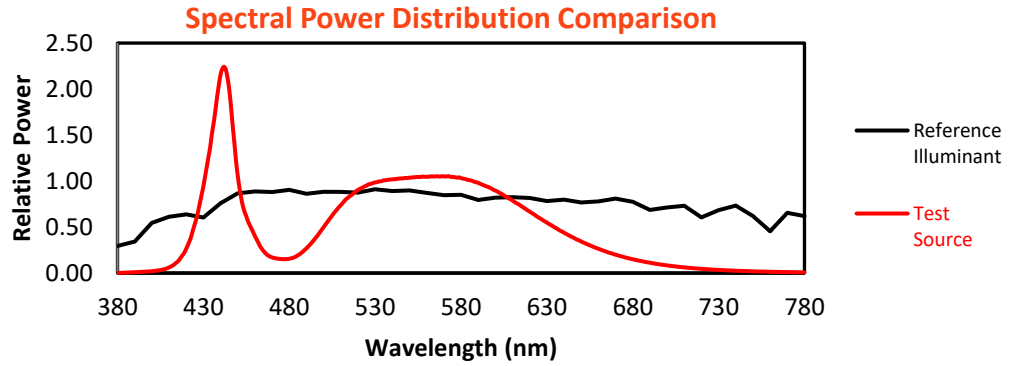
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-7

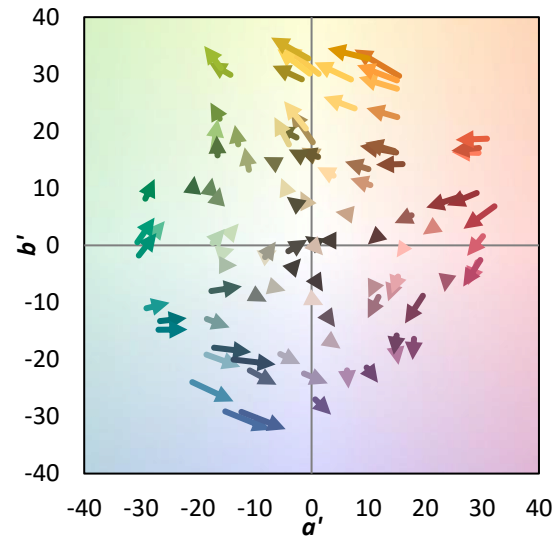
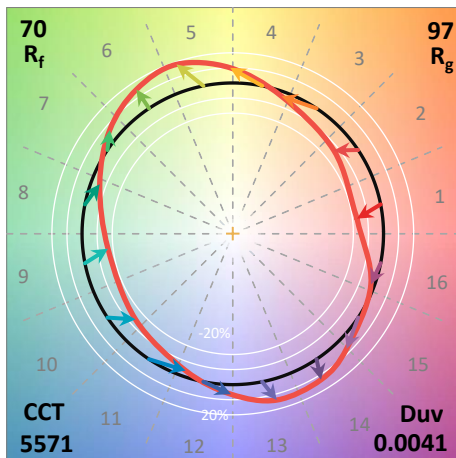
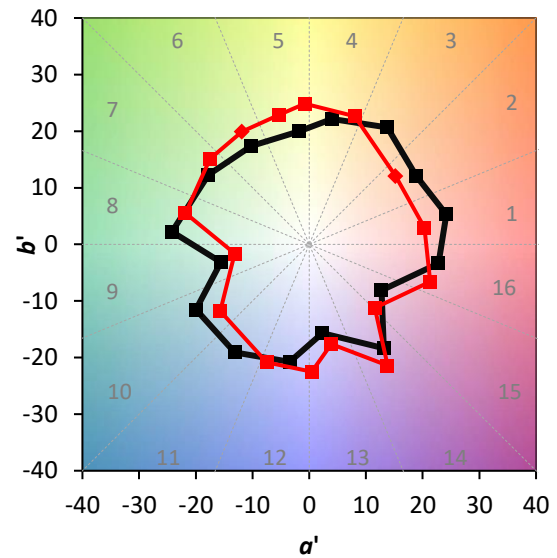
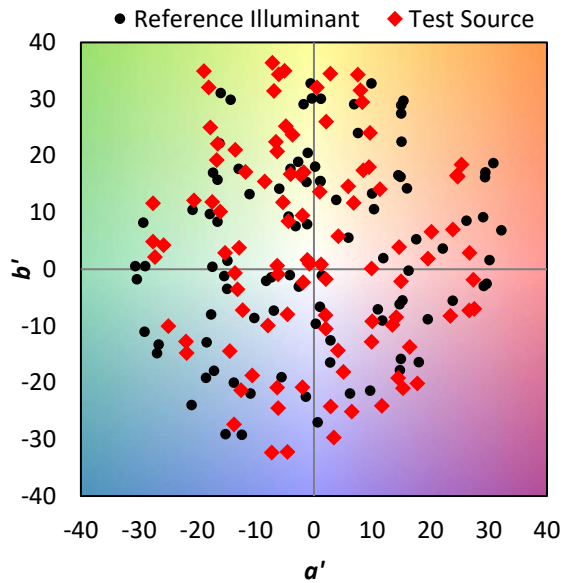
TM-30-18

Summary

$R_f = 70.4$
 $R_g = 97.1$
 $CIE R_a = 69.9$
 $R_g = -35.4$

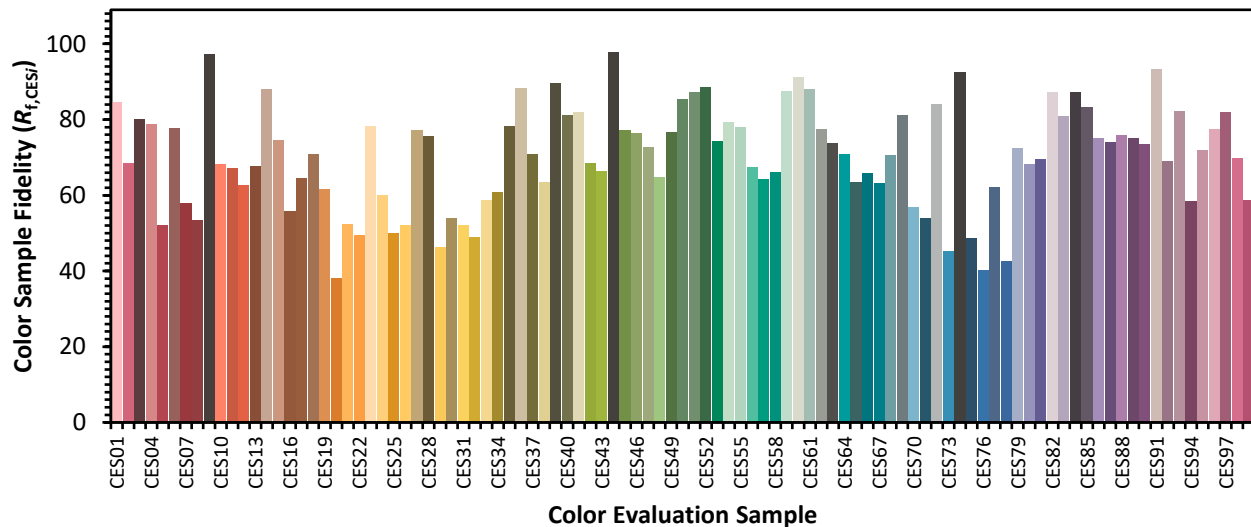


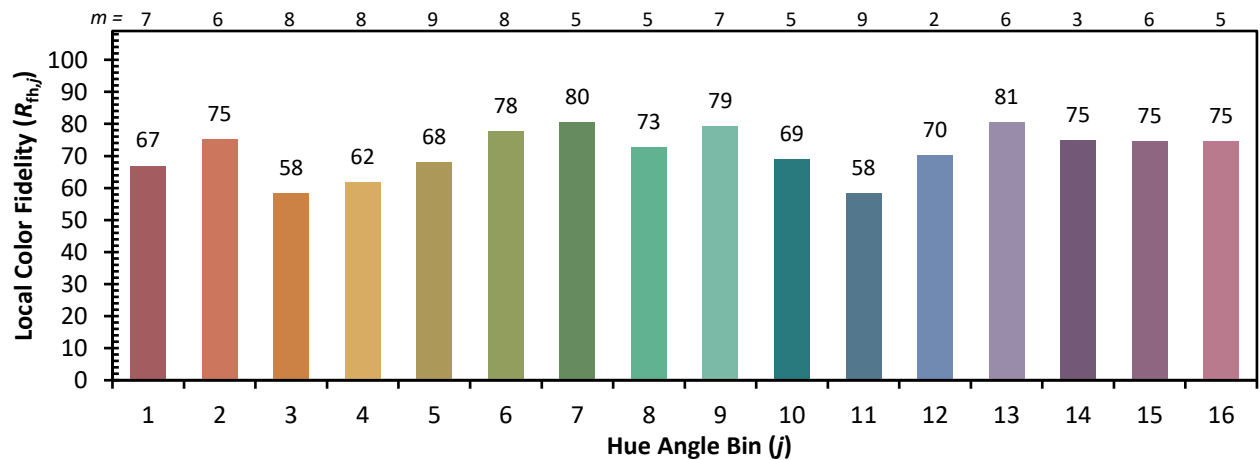
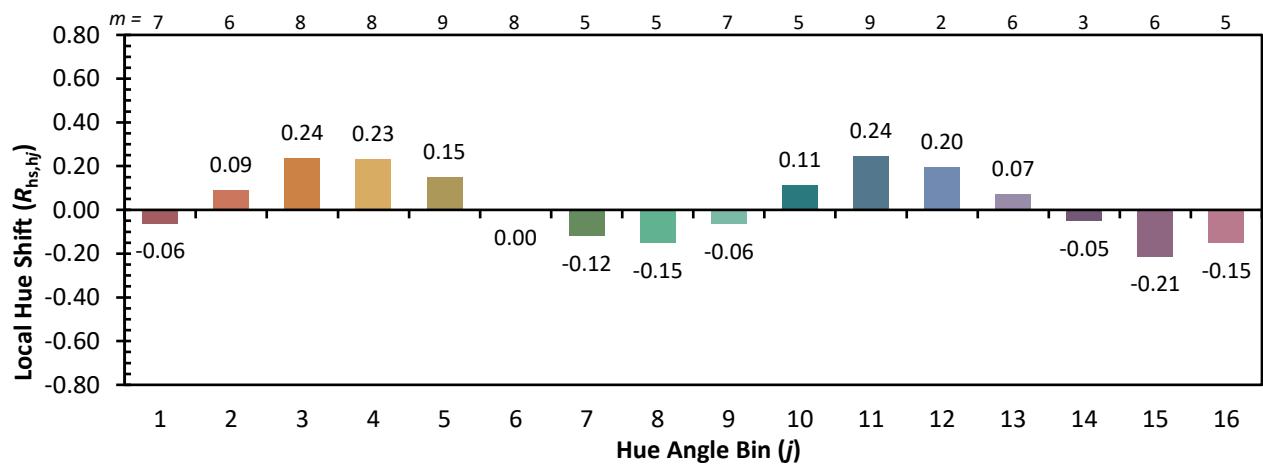
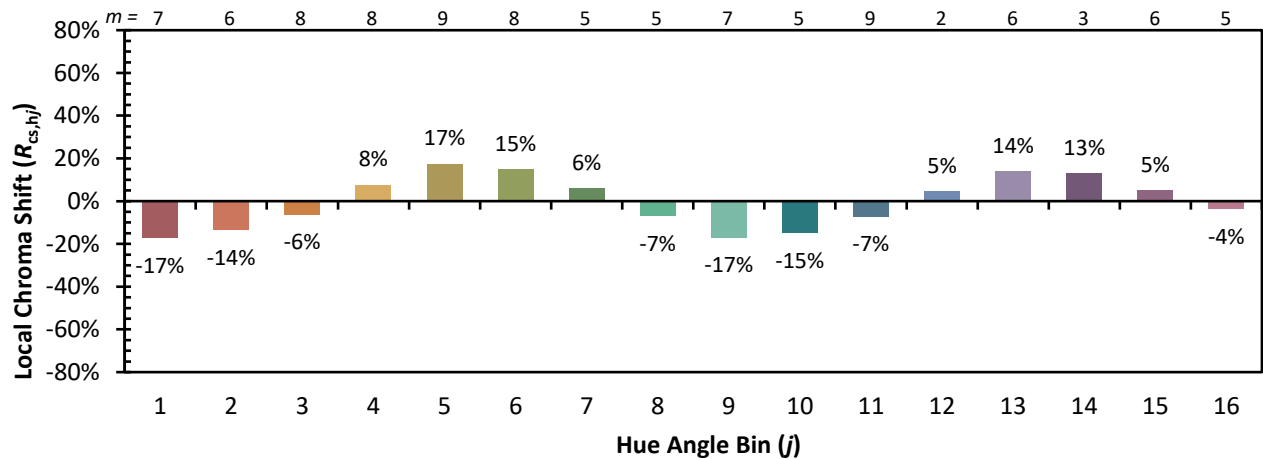
Color Vector Graphics



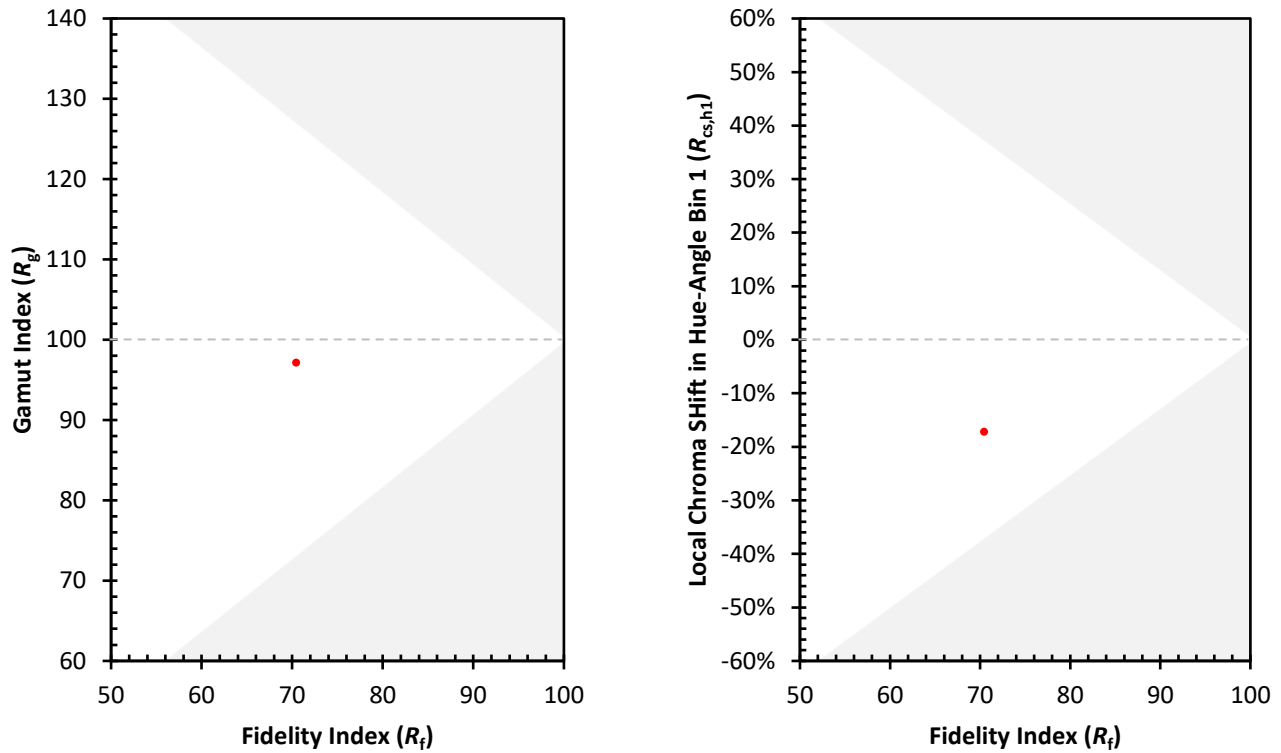
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 87
CES08 = 37	CES33 = 59	CES58 = 66	CES83 = 81
CES09 = 29	CES34 = 61	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 78	CES60 = 91	CES85 = 83
CES11 = 55	CES36 = 88	CES61 = 88	CES86 = 75
CES12 = 61	CES37 = 71	CES62 = 77	CES87 = 74
CES13 = 41	CES38 = 64	CES63 = 74	CES88 = 76
CES14 = 74	CES39 = 90	CES64 = 71	CES89 = 75
CES15 = 70	CES40 = 81	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 82	CES66 = 66	CES91 = 93
CES17 = 48	CES42 = 69	CES67 = 63	CES92 = 69
CES18 = 55	CES43 = 67	CES68 = 71	CES93 = 82
CES19 = 70	CES44 = 98	CES69 = 81	CES94 = 58
CES20 = 63	CES45 = 77	CES70 = 57	CES95 = 72
CES21 = 85	CES46 = 76	CES71 = 54	CES96 = 78
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 45	CES98 = 70
CES24 = 90	CES49 = 77	CES74 = 92	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)