

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: P1049281

Luminaire Tested: **GALN-SA1A-927-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049281
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1A-927-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 1xLight Square PACKAGE
90CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

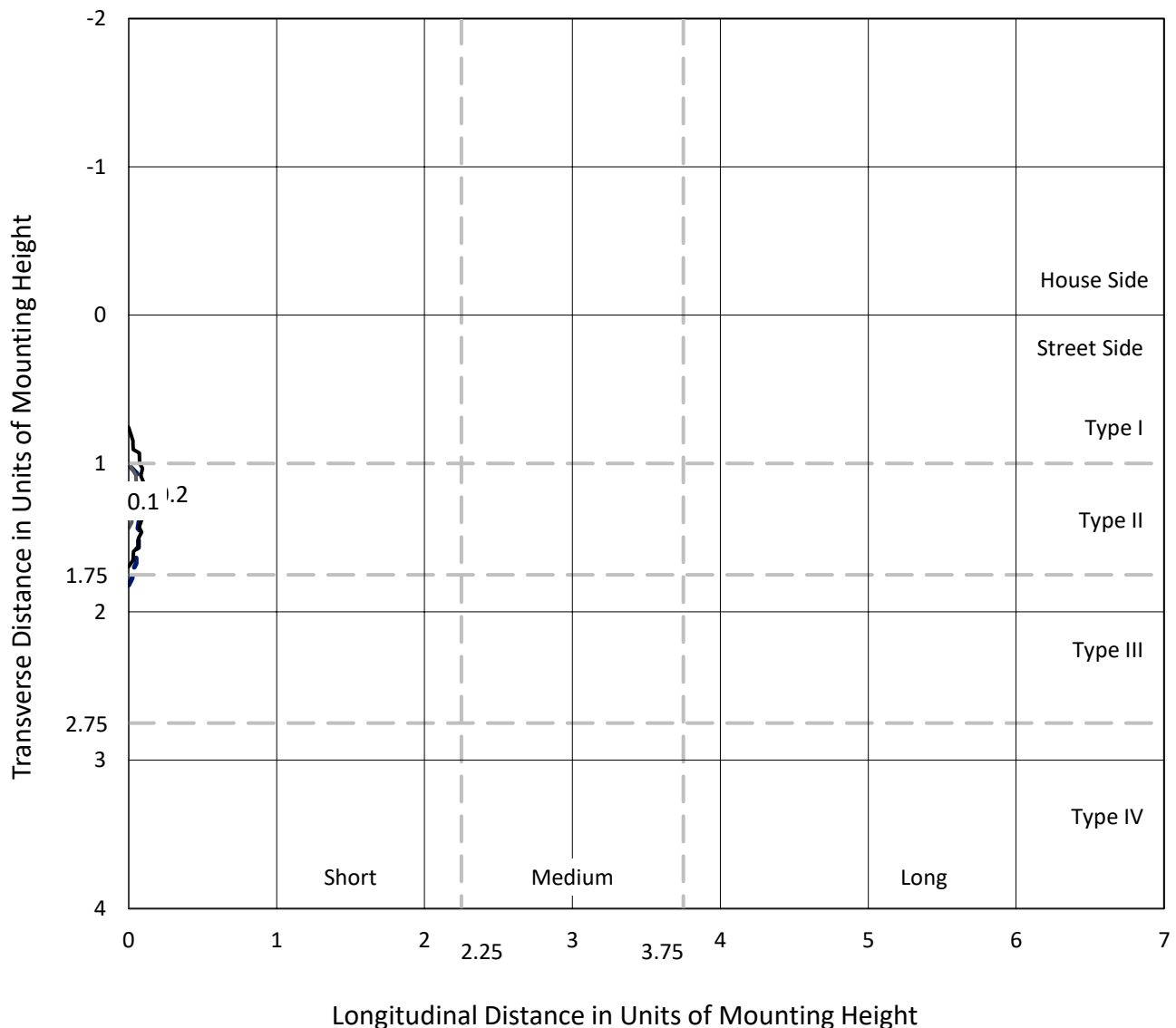
Lumens per Lamp: N/A
Luminaire Lumens: 2079.6 lumens
Efficiency: N/A
Efficacy: 71.7 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 29
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

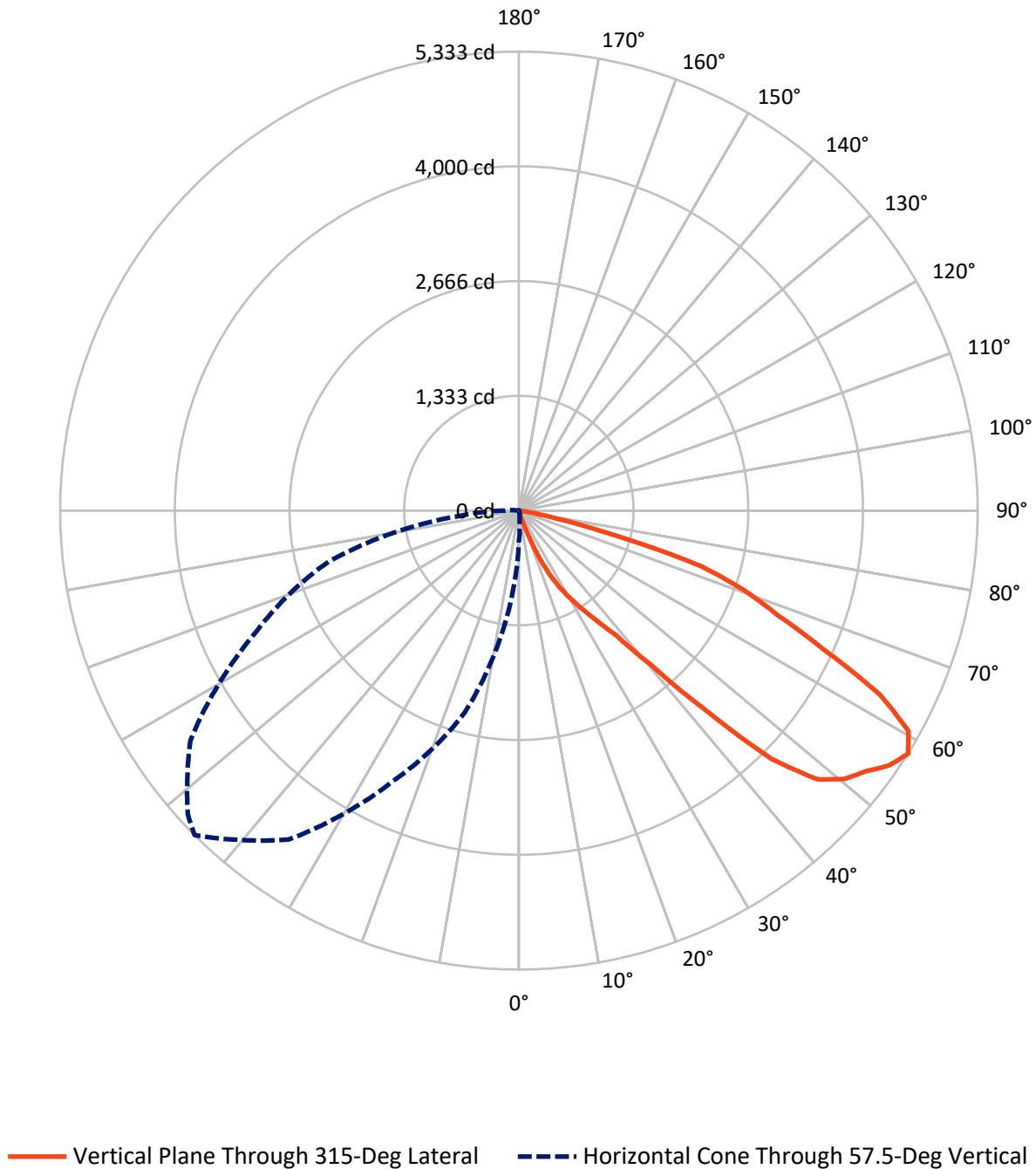
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 0.3 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	10.4	0.0	10.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	2069.2	0.0	2069.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	2079.6	0.0	2079.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	0.8	0.0
10°-20°	4.6	0.2
20°-30°	49.3	2.4
30°-40°	145.7	7.0
40°-50°	434.3	20.9
50°-60°	688.7	33.1
60°-70°	574.9	27.6
70°-80°	177.3	8.5
80°-90°	3.9	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°	2079.6	100.0
0°-180°	2079.6	100.0



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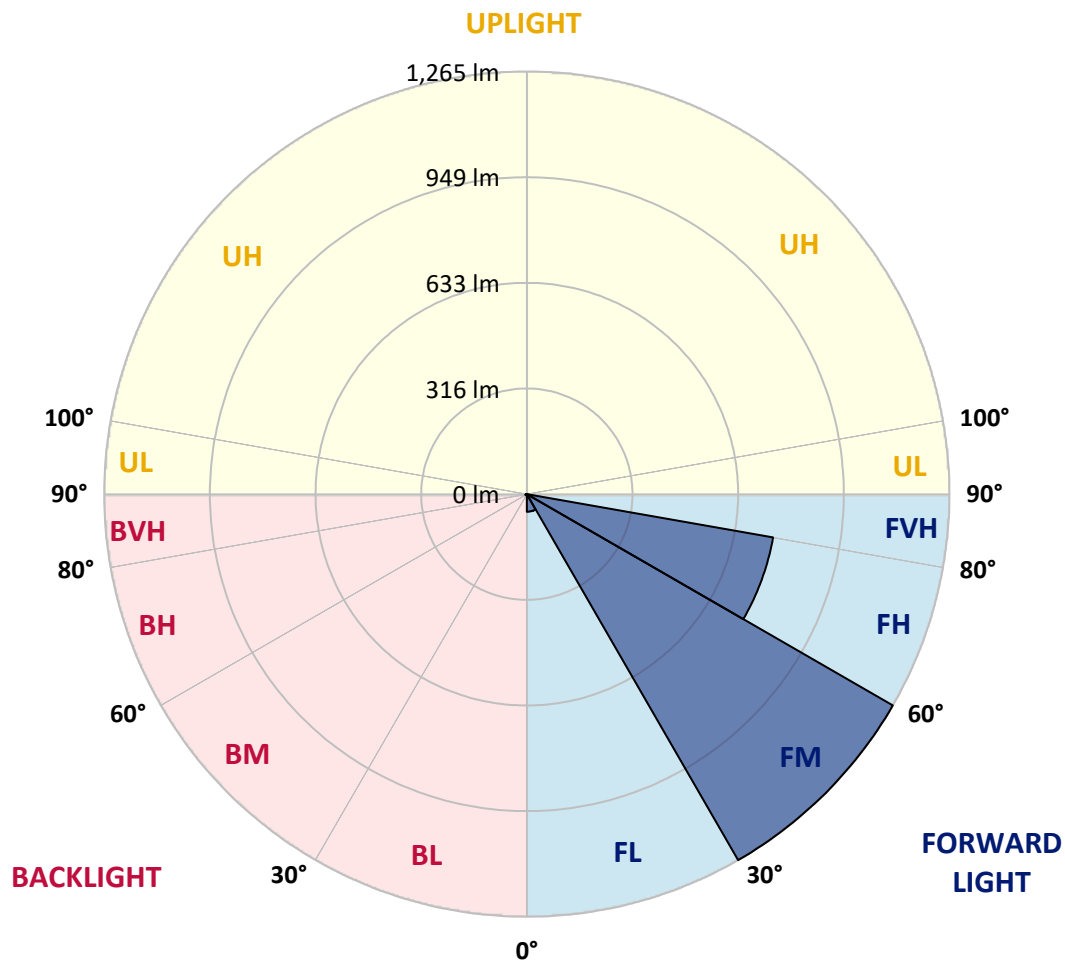
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	52.8	2.5			
FM	(30°-60°)	1265.1	60.8			
FH	(60°-80°)	748.3	36.0			G1/1800
FVH	(80°-90°)	3.0	0.1			G0/10
BL	(0°-30°)	1.9	0.1	B0/110		
BM	(30°-60°)	3.7	0.2	B0/220		
BH	(60°-80°)	3.9	0.2	B0/110		G0/110
BVH	(80°-90°)	0.9	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-G1

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°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
2.5°	8.3	8.3	8.3	8.3	8.2	8.2	8.0	8.0	7.9	7.9
5°	8.8	8.8	8.6	8.5	8.5	8.3	8.2	8.0	8.0	7.9
7.5°	9.6	9.4	9.3	9.1	8.8	8.6	8.3	8.2	8.0	7.7
10°	10.5	10.2	9.9	9.6	9.3	9.0	8.6	8.5	8.2	8.0
12.5°	11.8	11.3	10.7	10.2	9.9	9.4	9.1	8.8	8.3	8.0
15°	12.9	12.3	11.5	10.8	10.4	9.7	9.3	8.8	8.5	8.0
17.5°	14.5	13.4	12.1	11.3	10.7	9.9	9.1	8.6	8.2	7.5
20°	17.1	14.9	12.6	11.6	10.7	9.7	8.8	8.2	7.7	7.1
22.5°	21.4	17.6	13.8	12.4	11.2	9.7	8.5	7.9	7.2	6.6
25°	29.5	22.8	16.0	14.1	12.3	10.4	8.5	7.7	7.1	6.3
27.5°	39.3	29.2	19.0	16.3	13.8	11.2	8.5	7.5	6.8	5.8
30°	49.2	35.8	22.3	18.9	15.4	11.9	8.5	7.4	6.4	5.3
32.5°	58.6	42.0	25.1	21.1	17.0	12.7	8.6	7.4	6.1	4.9
35°	68.2	47.0	25.6	21.4	17.1	12.7	8.5	7.1	5.8	4.4
37.5°	80.5	52.6	24.7	20.4	16.3	12.1	8.0	6.8	5.5	4.1
40°	99.0	62.1	25.1	20.7	16.3	11.9	7.5	6.3	5.2	3.9
42.5°	133.3	80.3	27.2	22.2	17.1	11.9	6.9	5.8	4.9	3.8
45°	230.4	133.4	36.5	28.9	21.4	13.8	6.3	5.3	4.6	3.6
47.5°	381.1	223.3	65.5	50.6	35.8	20.9	6.1	5.3	4.6	3.6
50°	486.4	284.5	82.5	63.5	44.5	25.5	6.4	5.5	4.7	3.8
52.5°	485.6	288.9	91.9	70.6	49.3	28.0	6.8	5.8	5.0	4.1
55°	431.7	262.8	93.7	72.0	50.4	28.8	7.2	6.3	5.3	4.4
57.5°	360.8	223.2	85.5	66.2	47.0	27.7	8.3	7.2	6.3	5.2
60°	285.4	176.0	66.6	52.6	38.8	24.8	11.0	9.6	8.3	6.9
62.5°	197.1	127.6	58.1	46.7	35.4	23.9	12.6	11.2	9.9	8.5
65°	139.4	96.0	52.5	42.7	33.2	23.4	13.7	12.1	10.7	9.1
67.5°	104.2	76.4	48.4	40.1	31.7	23.4	15.1	13.2	11.5	9.6
70°	79.8	62.7	45.4	38.7	32.1	25.3	18.5	15.9	13.4	10.7
72.5°	65.1	53.6	42.0	37.1	32.2	27.3	22.5	19.0	15.6	11.9
75°	53.9	45.9	37.9	33.8	29.9	25.8	21.7	18.5	15.6	12.4
77.5°	35.8	32.7	29.4	27.0	24.7	22.2	19.8	17.1	14.6	11.9
80°	12.6	12.1	11.6	12.6	13.5	14.5	15.4	13.5	11.8	9.9
82.5°	1.9	1.7	1.6	1.7	1.9	2.0	2.2	2.4	2.5	2.7
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°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
0.0	2.5°	7.7	7.7	7.5	7.5	7.5	7.4	7.4	7.2	7.2	7.2
0.0	5°	7.5	7.5	7.4	7.2	7.1	7.1	6.9	6.8	6.8	6.6
0.0	7.5°	7.4	7.2	7.1	6.9	6.8	6.6	6.4	6.3	6.3	6.1
0.0	10°	7.5	7.2	7.1	6.8	6.6	6.4	6.1	6.0	5.8	5.8
0.0	12.5°	7.2	7.1	6.8	6.4	6.3	6.0	5.8	5.5	5.3	5.3
0.0	15°	7.2	6.9	6.4	6.1	5.8	5.7	5.3	5.0	4.9	4.7
0.0	17.5°	6.8	6.4	6.0	5.7	5.3	5.0	4.7	4.4	4.2	4.1
0.0	20°	6.1	5.8	5.3	4.9	4.6	4.2	3.9	3.6	3.5	3.3
0.0	22.5°	5.5	5.2	4.7	4.2	3.9	3.6	3.1	2.8	2.7	2.4
0.0	25°	5.2	4.7	4.2	3.8	3.3	3.0	2.5	2.0	1.7	1.4
0.0	27.5°	4.4	3.9	3.5	3.0	2.5	2.0	1.6	1.1	0.8	0.6
0.0	30°	3.8	3.3	2.8	2.4	1.7	1.3	0.8	0.2	0.2	0.2
0.0	32.5°	3.1	2.7	2.0	1.6	1.3	0.8	0.5	0.0	0.0	0.0
0.0	35°	2.5	2.0	1.4	0.9	0.8	0.5	0.3	0.0	0.0	0.0
0.0	37.5°	2.2	1.7	1.1	0.5	0.3	0.3	0.2	0.0	0.0	0.0
0.0	40°	2.0	1.4	0.8	0.2	0.2	0.2	0.0	0.0	0.0	0.0
0.0	42.5°	2.0	1.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	2.0	1.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	2.0	1.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	2.2	1.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	2.5	1.9	1.3	0.6	0.5	0.3	0.2	0.0	0.0	0.0
0.0	55°	3.1	2.8	2.4	2.0	1.6	1.1	0.5	0.0	0.0	0.0
0.0	57.5°	4.1	4.1	3.9	3.8	2.8	1.9	0.9	0.0	0.0	0.0
0.0	60°	5.5	5.5	5.5	5.5	4.1	2.8	1.4	0.0	0.0	0.0
0.0	62.5°	6.8	6.4	6.0	5.7	4.2	2.8	1.4	0.0	0.0	0.0
0.0	65°	6.8	6.1	5.3	4.6	3.5	2.4	1.1	0.0	0.0	0.0
0.0	67.5°	6.3	5.0	3.6	2.4	1.7	1.3	0.6	0.0	0.0	0.0
	70°	6.3	4.4	2.5	0.6	0.5	0.3	0.2	0.0	0.0	0.0
	72.5°	6.3	4.2	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	6.9	4.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	6.9	4.7	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	6.1	4.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	2.0	1.4	0.6	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):

[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°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
0.0	2.5°	7.1	7.1	7.1	6.9	6.9	6.9	6.9	6.8	6.8	6.8
0.0	5°	6.4	6.4	6.3	6.3	6.1	6.1	6.0	6.0	5.8	5.8
0.0	7.5°	6.0	5.8	5.8	5.7	5.5	5.5	5.3	5.3	5.2	5.0
0.0	10°	5.5	5.3	5.3	5.2	5.0	4.9	4.9	4.7	4.6	4.4
0.0	12.5°	5.0	4.9	4.7	4.6	4.4	4.2	4.2	4.1	3.9	3.8
0.0	15°	4.4	4.2	4.1	3.9	3.8	3.6	3.6	3.5	3.3	3.1
0.0	17.5°	3.8	3.6	3.6	3.5	3.3	3.1	3.0	2.7	2.5	2.4
0.0	20°	2.8	2.7	2.5	2.4	2.2	1.9	1.7	1.4	1.1	0.9
0.0	22.5°	1.9	1.6	1.4	1.1	0.8	0.6	0.5	0.2	0.0	0.0
0.0	25°	0.6	0.5	0.3	0.2	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: P1049281

CATALOG NUMBER: GALN-SA1A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049281

CATALOG NUMBER: GALN-SA1A-927-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
0.0	2.5°	6.6	6.6	6.6	6.4	6.4	6.4	6.4	6.4	6.4	6.4
0.0	5°	5.7	5.7	5.7	5.5	5.5	5.3	5.3	5.3	5.2	5.2
0.0	7.5°	4.9	4.7	4.7	4.6	4.6	4.4	4.4	4.4	4.2	4.2
0.0	10°	4.1	3.9	3.9	3.8	3.8	3.6	3.6	3.5	3.5	3.3
0.0	12.5°	3.6	3.5	3.3	3.1	3.1	3.0	2.8	2.8	2.7	2.5
0.0	15°	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.9	1.7	1.6
0.0	17.5°	1.9	1.6	1.4	1.3	1.3	1.1	0.9	0.8	0.6	0.5
0.0	20°	0.5	0.3	0.2	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



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049281

CATALOG NUMBER: GALN-SA1A-927-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°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
0.0	2.5°	6.4	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4
0.0	5°	5.2	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
0.0	7.5°	4.2	4.1	4.1	4.1	4.1	3.9	3.9	3.9	3.9	3.9
0.0	10°	3.3	3.1	3.1	3.1	3.1	3.0	3.0	3.0	3.0	3.0
0.0	12.5°	2.4	2.4	2.2	2.2	2.2	2.0	2.0	2.0	2.0	1.9
0.0	15°	1.4	1.3	1.1	1.1	1.1	0.9	0.9	0.9	0.9	0.8
0.0	17.5°	0.3	0.3	0.2	0.2	0.2	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



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049281

CATALOG NUMBER: GALN-SA1A-927-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
0.0	2.5°	6.6	6.6	6.8	6.8	6.9	7.2	7.4	7.5	7.9	8.2
0.0	5°	5.2	5.3	5.3	5.5	5.7	5.8	6.0	6.1	6.4	6.8
0.0	7.5°	4.1	4.1	4.2	4.2	4.4	4.7	4.9	5.0	5.3	5.8
0.0	10°	3.1	3.1	3.3	3.3	3.5	3.8	3.9	4.1	4.4	4.9
0.0	12.5°	2.0	2.2	2.2	2.4	2.5	2.8	3.0	3.1	3.5	3.8
0.0	15°	0.9	1.1	1.1	1.3	1.4	1.7	1.9	2.0	2.4	2.8
0.0	17.5°	0.2	0.2	0.3	0.3	0.5	0.6	0.8	0.9	1.4	1.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049281

CATALOG NUMBER: GALN-SA1A-927-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°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
0.0	2.5°	8.6	9.0	9.3	9.6	9.9	10.2	10.4	10.7	10.8	11.0
0.0	5°	7.4	7.7	8.2	8.5	8.8	9.1	9.4	9.6	9.7	9.9
0.0	7.5°	6.4	6.8	7.2	7.5	7.9	8.2	8.5	8.8	9.0	9.1
0.0	10°	5.5	6.0	6.3	6.8	7.1	7.4	7.7	8.0	8.3	8.5
0.0	12.5°	4.4	4.9	5.3	5.7	6.1	6.6	6.9	7.2	7.5	7.9
0.0	15°	3.5	3.9	4.4	4.7	5.2	5.7	6.1	6.4	6.8	7.1
0.0	17.5°	2.5	3.0	3.5	3.8	4.2	4.7	5.0	5.5	5.8	6.1
0.0	20°	1.3	1.7	2.2	2.7	3.1	3.6	3.9	4.4	4.7	5.0
0.0	22.5°	0.2	0.6	1.1	1.4	1.9	2.4	2.7	3.1	3.5	3.8
0.0	25°	0.0	0.2	0.5	0.6	0.8	1.1	1.4	1.7	2.0	2.4
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.6	0.9	1.3
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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	0.2
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3
	85°	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.8	0.9	1.1
	87.5°	0.0	0.2	0.3	0.5	0.6	0.9	1.3	1.6	1.7	1.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049281

CATALOG NUMBER: GALN-SA1A-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
9.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	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											
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REPORT NUMBER: P1049281

CATALOG NUMBER: GALN-SA1A-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
0.0	2.5°	11.2	11.2	11.2	11.2	11.0	11.0	11.0	10.8	10.8	10.7
0.0	5°	10.2	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.2	10.2
0.0	7.5°	9.4	9.6	9.7	9.7	9.9	9.9	9.9	9.7	9.7	9.6
0.0	10°	9.0	9.1	9.1	9.3	9.3	9.3	9.3	9.3	9.3	9.3
0.0	12.5°	8.3	8.5	8.6	8.6	8.8	8.8	8.8	8.8	8.6	8.6
0.0	15°	7.5	7.9	8.0	8.2	8.2	8.3	8.3	8.3	8.3	8.3
0.0	17.5°	6.9	7.2	7.4	7.5	7.5	7.7	7.7	7.9	7.9	7.9
0.0	20°	5.7	6.0	6.1	6.4	6.6	6.8	6.9	7.1	7.1	7.2
0.0	22.5°	4.4	4.7	4.9	5.2	5.3	5.5	5.7	5.8	6.0	6.1
0.0	25°	3.1	3.5	3.6	3.9	4.1	4.2	4.4	4.6	4.6	4.7
0.0	27.5°	1.7	2.0	2.4	2.5	2.8	3.0	3.1	3.3	3.5	3.6
0.0	30°	0.8	0.9	1.1	1.4	1.6	1.7	1.9	2.2	2.4	2.5
0.0	32.5°	0.0	0.0	0.2	0.5	0.6	0.8	0.9	1.1	1.1	1.3
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.6
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°	0.3	0.3	0.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	82.5°	0.8	0.9	1.1	1.1	1.3	1.3	1.3	1.3	1.1	1.1
	85°	1.6	1.7	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0
	87.5°	2.2	2.4	2.5	2.5	2.7	2.7	2.7	2.7	2.7	2.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049281

CATALOG NUMBER: GALN-SA1A-927-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
9.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.2	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											
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REPORT NUMBER: P1049281

CATALOG NUMBER: GALN-SA1A-927-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°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
0.0	2.5°	10.5	10.5	10.4	10.4	10.4	10.4	10.4	10.5	10.7	10.7
0.0	5°	10.1	10.1	9.9	9.9	9.9	10.1	10.1	10.2	10.4	10.5
0.0	7.5°	9.6	9.4	9.4	9.6	9.6	9.7	9.7	9.9	10.1	10.2
0.0	10°	9.3	9.1	9.1	9.1	9.3	9.3	9.4	9.6	9.7	9.9
0.0	12.5°	8.6	8.6	8.6	8.6	8.8	8.8	9.0	9.1	9.4	9.6
0.0	15°	8.3	8.2	8.2	8.2	8.2	8.3	8.3	8.6	9.0	9.1
0.0	17.5°	7.7	7.7	7.5	7.5	7.7	7.7	7.9	8.2	8.5	8.6
0.0	20°	7.1	6.9	6.8	6.8	6.9	6.9	7.1	7.4	7.7	7.9
0.0	22.5°	6.1	6.0	6.0	6.0	6.0	6.1	6.1	6.4	6.9	7.2
0.0	25°	4.9	5.0	5.0	5.2	5.2	5.3	5.5	5.8	6.3	6.6
0.0	27.5°	3.8	3.9	3.9	4.2	4.4	4.6	4.7	5.2	5.7	6.0
0.0	30°	2.8	3.0	3.1	3.3	3.6	3.9	4.2	4.7	5.2	5.5
0.0	32.5°	1.7	2.0	2.2	2.5	2.8	3.1	3.5	3.9	4.6	5.0
0.0	35°	1.3	1.4	1.7	1.9	2.2	2.5	2.8	3.5	3.9	4.6
0.0	37.5°	0.6	0.9	1.3	1.6	1.9	2.2	2.5	3.1	3.8	4.2
0.0	40°	0.5	0.8	0.9	1.3	1.7	2.0	2.4	3.0	3.6	4.2
0.0	42.5°	0.3	0.5	0.6	1.1	1.4	1.9	2.4	3.0	3.6	4.2
0.0	45°	0.3	0.3	0.5	0.9	1.4	2.0	2.5	3.1	3.6	4.2
0.0	47.5°	0.3	0.5	0.6	1.3	1.6	2.0	2.5	3.0	3.6	4.1
0.0	50°	0.5	0.6	0.8	1.4	1.7	2.2	2.5	3.1	3.6	4.2
0.0	52.5°	0.3	0.5	0.6	1.3	1.7	2.4	2.8	3.5	4.1	4.6
0.0	55°	0.2	0.2	0.2	0.9	1.9	2.7	3.6	4.1	4.7	5.2
0.0	57.5°	0.0	0.0	0.0	0.6	1.9	3.0	4.1	4.7	5.3	5.8
0.0	60°	0.0	0.0	0.0	0.6	1.9	3.0	4.1	4.9	5.7	6.4
0.0	62.5°	0.0	0.0	0.0	0.6	1.6	2.5	3.5	4.7	6.1	7.4
0.0	65°	0.0	0.0	0.0	0.5	1.3	2.0	2.8	4.7	6.6	8.3
0.0	67.5°	0.0	0.0	0.0	0.5	1.3	1.9	2.7	4.7	6.6	8.6
	70°	0.0	0.0	0.0	0.5	1.3	2.0	2.8	4.7	6.6	8.5
	72.5°	0.0	0.0	0.0	0.5	1.4	2.2	3.1	4.7	6.3	7.9
	75°	0.0	0.0	0.0	0.6	1.4	2.4	3.3	4.7	6.1	7.4
	77.5°	0.0	0.0	0.0	0.5	1.4	2.2	3.1	4.6	6.0	7.2
	80°	0.5	0.3	0.3	0.8	1.4	2.0	2.7	4.1	5.7	7.1
	82.5°	0.9	0.9	0.8	1.1	1.4	1.9	2.4	3.6	5.0	6.3
	85°	1.9	1.9	1.7	1.9	1.9	2.0	2.2	2.8	3.5	4.1
	87.5°	2.5	2.5	2.4	2.4	2.4	2.2	2.2	2.2	2.2	2.0
	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: P1049281

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
9.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.4											
9.4											
8.8											
8.6											
8.5											
7.5											
4.7											
2.0											
0.0											
0.0											
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REPORT NUMBER: P1049281

CATALOG NUMBER: GALN-SA1A-927-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
0.0	2.5°	11.0	11.2	11.2	11.3	11.5	11.6	11.6	11.8	11.8	11.8
0.0	5°	10.8	11.2	11.3	11.5	11.6	11.8	11.9	12.1	12.3	12.3
0.0	7.5°	10.7	10.8	11.2	11.3	11.6	11.8	12.1	12.3	12.4	12.6
0.0	10°	10.4	10.7	11.0	11.3	11.6	11.9	12.3	12.6	12.9	13.0
0.0	12.5°	10.1	10.5	10.8	11.2	11.6	12.1	12.4	12.9	13.2	13.5
0.0	15°	9.9	10.2	10.7	11.0	11.6	12.3	12.7	13.4	14.0	14.5
0.0	17.5°	9.4	10.1	10.5	11.0	11.6	12.4	13.0	13.7	14.6	15.6
0.0	20°	8.8	9.3	9.9	10.4	11.3	12.1	13.0	13.8	15.2	16.7
0.0	22.5°	8.2	8.8	9.3	9.9	11.0	11.9	13.0	14.0	16.3	18.5
0.0	25°	7.5	8.3	9.0	9.6	10.8	12.1	13.4	14.6	18.5	22.5
0.0	27.5°	7.2	7.9	8.6	9.3	10.8	12.6	14.1	15.7	22.0	28.1
0.0	30°	6.8	7.5	8.2	9.0	11.0	13.0	15.1	17.1	26.7	36.3
0.0	32.5°	6.3	7.1	7.9	8.6	11.3	14.0	16.5	19.2	31.7	44.2
0.0	35°	5.8	6.8	7.5	8.3	11.8	15.4	18.9	22.3	36.3	50.1
0.0	37.5°	5.7	6.6	7.4	8.2	11.9	15.6	19.3	22.9	36.8	50.6
0.0	40°	5.8	6.6	7.5	8.3	11.5	14.6	17.6	20.7	35.2	49.5
0.0	42.5°	5.8	6.8	7.7	8.6	11.2	13.7	16.2	18.7	34.7	50.8
0.0	45°	5.7	6.6	7.5	8.5	10.8	13.0	15.4	17.6	37.6	57.4
0.0	47.5°	5.5	6.4	7.4	8.3	10.7	13.0	15.4	17.8	48.6	79.2
0.0	50°	5.5	6.4	7.2	8.0	10.8	13.8	16.7	19.5	70.7	121.8
0.0	52.5°	5.8	6.6	7.2	7.9	11.2	14.6	17.9	21.2	89.9	158.4
0.0	55°	6.3	6.8	7.4	7.9	11.9	15.9	20.0	23.9	95.7	167.5
0.0	57.5°	6.9	7.4	7.9	8.3	13.4	18.4	23.3	28.3	96.2	163.9
0.0	60°	7.7	8.3	8.8	9.3	14.6	20.1	25.5	30.8	87.1	143.2
0.0	62.5°	9.4	10.2	10.8	11.6	16.8	21.8	27.0	32.1	72.3	112.5
0.0	65°	10.8	11.5	12.1	12.7	17.8	22.9	28.0	33.0	61.3	89.6
0.0	67.5°	11.2	11.8	12.3	12.9	18.1	23.3	28.3	33.5	52.5	71.3
	70°	11.3	12.1	13.0	13.8	19.2	24.5	29.7	35.0	46.5	58.0
	72.5°	10.8	12.4	13.8	15.2	20.3	25.1	30.2	35.0	43.2	51.4
	75°	10.8	13.0	15.1	17.1	20.9	24.5	28.3	31.9	38.2	44.5
	77.5°	11.5	14.3	17.1	20.0	22.2	24.2	26.4	28.4	32.5	36.6
	80°	11.5	14.5	17.3	20.3	21.2	22.3	23.3	24.2	24.7	25.1
	82.5°	9.9	12.3	14.6	17.0	15.9	14.8	13.7	12.6	11.8	10.8
	85°	5.0	5.5	5.8	6.1	5.7	5.2	4.7	4.2	3.9	3.5
	87.5°	2.0	2.0	1.9	1.9	1.9	1.9	1.7	1.7	1.7	1.7
	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: P1049281

CATALOG NUMBER: GALN-SA1A-927-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
9.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
232.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
356.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
448.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
458.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
413.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
353.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
276.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
209.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.2											
81.2											
59.1											
44.5											
25.0											
11.3											
3.3											
1.6											
0.0											
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REPORT NUMBER: P1049281

CATALOG NUMBER: GALN-SA1A-927-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°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
0.0	2.5°	11.8	11.6	11.6	11.5	11.3	11.2	11.0	10.8	10.7	10.5
0.0	5°	12.3	12.3	12.3	12.1	12.1	11.9	11.9	11.8	11.6	11.5
0.0	7.5°	12.7	12.9	12.9	13.0	13.0	13.0	13.0	12.9	12.9	12.9
0.0	10°	13.5	13.7	13.8	14.0	14.1	14.3	14.3	14.5	14.5	14.5
0.0	12.5°	14.5	14.9	15.2	15.7	16.0	16.5	16.8	17.3	17.6	17.9
0.0	15°	15.9	16.7	17.6	18.4	19.2	20.3	21.5	22.6	23.7	25.5
0.0	17.5°	17.9	20.4	22.9	25.3	27.8	33.3	38.8	44.2	49.7	57.7
0.0	20°	21.8	29.4	36.8	44.3	51.7	71.0	90.2	109.5	128.7	149.3
0.0	22.5°	30.6	49.2	67.7	86.3	104.8	145.2	185.4	225.8	266.1	313.4
0.0	25°	44.5	78.6	112.7	146.6	180.7	243.9	307.2	370.4	433.6	495.0
0.0	27.5°	64.7	116.9	169.1	221.1	273.3	358.9	444.7	530.4	616.0	685.5
0.0	30°	89.7	160.5	231.2	301.9	372.6	470.1	567.5	664.8	762.2	838.1
0.0	32.5°	113.3	199.9	286.5	372.9	459.5	570.5	681.6	792.5	903.5	986.5
0.0	35°	128.7	233.4	338.2	442.9	547.5	667.6	787.7	907.6	1027.6	1122.4
0.0	37.5°	144.1	265.0	385.7	506.5	627.2	759.1	890.9	1022.8	1154.6	1271.7
0.0	40°	161.4	303.2	444.7	586.5	728.1	884.3	1040.4	1196.6	1352.6	1517.8
0.0	42.5°	191.4	366.5	541.7	716.8	891.9	1098.5	1305.2	1511.7	1718.3	1954.1
0.0	45°	247.8	494.6	741.5	988.2	1234.9	1508.7	1782.6	2056.4	2330.1	2643.8
0.0	47.5°	386.0	725.4	1064.7	1404.2	1743.5	2039.1	2334.5	2630.1	2925.6	3238.0
0.0	50°	590.6	985.7	1380.8	1775.7	2170.8	2438.3	2705.6	2973.1	3240.4	3537.6
0.0	52.5°	738.6	1150.2	1562.0	1973.6	2385.1	2626.5	2868.1	3109.5	3350.9	3628.6
0.0	55°	749.8	1159.0	1568.4	1977.6	2386.9	2629.4	2871.9	3114.3	3356.8	3651.2
0.0	57.5°	663.8	1069.8	1475.5	1881.5	2287.2	2563.4	2839.3	3115.4	3391.4	3709.6
0.0	60°	564.7	970.7	1376.7	1782.8	2188.7	2506.8	2825.0	3143.1	3461.2	3759.3
0.0	62.5°	440.5	858.2	1276.1	1693.8	2111.5	2434.5	2757.4	3080.2	3403.2	3626.8
0.0	65°	328.3	733.9	1139.5	1545.0	1950.6	2209.3	2468.0	2726.5	2985.2	3123.6
0.0	67.5°	237.3	587.1	936.8	1286.6	1636.3	1821.4	2006.6	2191.5	2376.7	2482.6
	70°	160.5	402.8	645.0	887.3	1129.5	1281.6	1433.9	1586.0	1738.1	1881.1
	72.5°	111.1	247.2	383.5	519.6	655.7	808.7	961.6	1114.7	1267.6	1419.0
	75°	73.7	135.6	197.7	259.6	321.5	434.8	548.3	661.6	774.9	865.1
	77.5°	52.3	70.9	89.6	108.1	126.7	147.9	169.3	190.5	211.7	243.9
	80°	24.8	27.2	29.5	31.7	34.1	41.8	49.5	57.2	64.9	73.1
	82.5°	11.8	12.7	13.7	14.5	15.4	16.2	17.0	17.8	18.5	17.8
	85°	3.1	3.1	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.1
	87.5°	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.1
	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):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
9.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
360.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
556.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
755.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
914.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1069.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1217.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1388.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1683.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2189.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2957.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3550.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3834.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3906.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3945.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4027.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4057.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3850.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3262.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2588.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2024.0											
1570.3											
955.3											
276.1											
81.2											
16.8											
3.0											
1.1											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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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°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
0.0	2.5°	10.2	10.1	9.9	9.7	9.6	9.3	9.3	9.1	9.1
0.0	5°	11.2	11.0	10.8	10.7	10.7	10.5	10.4	10.4	10.2
0.0	7.5°	12.7	12.6	12.4	12.3	12.3	12.1	12.1	11.9	11.9
0.0	10°	14.6	14.6	14.6	14.6	14.6	14.5	14.5	14.5	14.3
0.0	12.5°	18.4	18.5	18.9	19.2	19.6	19.6	19.6	19.5	19.5
0.0	15°	29.1	30.8	32.1	33.3	34.4	36.9	36.6	36.1	35.8
0.0	17.5°	73.5	81.4	85.6	89.7	94.0	105.6	103.7	101.8	100.1
0.0	20°	190.6	211.2	224.9	238.6	252.4	274.2	268.9	263.5	258.2
0.0	22.5°	407.8	455.1	475.7	496.3	516.7	543.1	526.0	508.9	491.9
0.0	25°	617.8	679.2	714.0	748.7	783.3	798.3	776.0	753.6	731.2
0.0	27.5°	824.4	893.9	924.5	955.0	985.7	1017.3	989.6	961.8	934.1
0.0	30°	990.1	1066.0	1099.1	1132.1	1165.3	1187.3	1158.7	1129.9	1101.3
0.0	32.5°	1152.6	1235.6	1271.9	1308.2	1344.3	1375.9	1340.7	1305.3	1270.1
0.0	35°	1311.8	1406.5	1456.5	1506.5	1556.5	1585.9	1544.0	1502.1	1460.3
0.0	37.5°	1506.0	1623.1	1679.0	1735.0	1790.9	1844.5	1798.5	1752.3	1706.2
0.0	40°	1848.1	2013.3	2099.1	2185.1	2270.9	2340.0	2281.9	2223.7	2165.6
0.0	42.5°	2425.5	2661.3	2784.6	2907.8	3031.2	3139.2	3078.0	3016.9	2955.8
0.0	45°	3271.2	3584.9	3735.3	3885.5	4035.9	4114.8	4026.8	3938.6	3850.6
0.0	47.5°	3862.7	4175.1	4309.0	4442.9	4576.8	4666.9	4559.2	4451.6	4344.1
0.0	50°	4131.8	4428.9	4563.3	4697.5	4831.9	4903.4	4779.1	4654.6	4530.3
0.0	52.5°	4183.8	4461.5	4621.8	4782.2	4942.5	5038.1	4891.3	4744.4	4597.6
0.0	55°	4240.0	4534.4	4720.3	4906.4	5092.3	5224.6	5058.7	4892.6	4726.6
0.0	57.5°	4346.0	4664.2	4849.6	5034.9	5220.4	5332.7	5166.3	4999.7	4833.3
0.0	60°	4355.4	4653.4	4812.7	4972.2	5131.6	5202.3	5043.1	4883.8	4724.6
0.0	62.5°	4074.2	4297.9	4408.5	4519.2	4629.8	4706.6	4540.5	4374.3	4208.1
0.0	65°	3400.7	3539.1	3627.3	3715.5	3803.6	3895.2	3743.1	3591.0	3438.9
0.0	67.5°	2694.6	2800.5	2916.6	3032.8	3148.9	3246.8	3125.0	3003.1	2881.3
	70°	2167.0	2309.9	2440.5	2571.1	2701.7	2781.8	2659.5	2537.1	2414.8
	72.5°	1721.6	1873.0	1982.0	2090.9	2200.0	2219.7	2129.8	2039.9	1950.1
	75°	1045.4	1135.6	1137.8	1139.8	1142.0	1160.7	1086.3	1011.8	937.4
	77.5°	308.3	340.6	367.1	393.5	420.1	452.1	424.8	397.3	369.9
	80°	89.3	97.4	104.4	111.1	118.0	113.9	107.5	101.1	94.6
	82.5°	16.0	15.1	14.9	14.8	14.8	14.0	12.7	11.5	10.2
	85°	2.8	2.7	2.5	2.4	2.2	2.0	1.7	1.6	1.3
	87.5°	0.9	0.8	0.6	0.5	0.5	0.2	0.2	0.2	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]

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CATALOG NUMBER: GALN-SA1A-927-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°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
0.0	0.0	2.5°	9.0	8.8	8.8	8.8	8.8	8.6	8.6	8.6	8.6
0.0	0.0	5°	9.9	9.9	9.7	9.7	9.6	9.6	9.4	9.4	9.3
0.0	0.0	7.5°	11.6	11.5	11.3	11.2	11.0	10.7	10.5	10.4	10.4
0.0	0.0	10°	14.0	13.7	13.5	13.2	13.0	12.7	12.4	12.1	11.8
0.0	0.0	12.5°	18.4	17.8	17.3	16.7	16.0	15.6	14.9	14.5	13.8
0.0	0.0	15°	31.9	30.3	28.6	26.6	24.4	22.3	20.1	18.9	17.4
0.0	0.0	17.5°	81.6	73.4	65.1	58.3	51.5	44.9	38.2	33.3	28.4
0.0	0.0	20°	207.6	185.0	162.3	140.0	117.6	95.2	72.8	61.4	50.1
0.0	0.0	22.5°	390.7	348.7	306.6	265.9	225.0	184.3	143.6	118.0	92.6
0.0	0.0	25°	603.0	550.2	497.4	430.4	363.3	296.4	229.4	187.8	146.2
0.0	0.0	27.5°	784.7	723.9	663.0	581.6	500.2	418.8	337.4	275.3	213.4
0.0	0.0	30°	942.0	876.6	811.2	716.5	621.7	526.9	432.2	354.5	276.9
0.0	0.0	32.5°	1078.4	1000.1	921.9	824.1	726.4	628.6	530.9	435.6	340.4
0.0	0.0	35°	1235.7	1144.4	1052.9	944.5	835.9	727.5	619.0	511.5	403.9
0.0	0.0	37.5°	1435.6	1323.6	1211.4	1090.5	969.6	849.0	728.1	605.2	482.3
0.0	0.0	40°	1818.3	1673.7	1529.1	1375.6	1221.9	1068.3	914.8	763.9	613.1
0.0	0.0	42.5°	2504.0	2308.6	2113.3	1909.0	1704.5	1500.2	1295.7	1083.0	870.0
0.0	0.0	45°	3277.8	3035.4	2793.0	2563.7	2334.2	2104.9	1875.6	1583.7	1291.7
0.0	0.0	47.5°	3712.9	3451.3	3189.6	2972.6	2755.6	2538.5	2321.5	2006.7	1691.9
0.0	0.0	50°	3873.1	3606.7	3340.3	3140.6	2940.7	2740.9	2541.0	2225.8	1910.4
0.0	0.0	52.5°	3907.2	3635.5	3363.7	3162.7	2961.7	2760.9	2559.9	2246.7	1933.5
0.0	0.0	55°	3977.3	3685.8	3394.1	3164.9	2935.8	2706.7	2477.5	2159.3	1841.1
0.0	0.0	57.5°	4068.9	3770.0	3471.1	3210.0	2949.0	2688.1	2427.1	2079.2	1731.2
0.0	0.0	60°	4044.9	3784.8	3524.5	3244.9	2965.2	2685.6	2405.9	2023.2	1640.4
0.0	0.0	62.5°	3627.5	3420.3	3213.0	2983.1	2753.0	2523.1	2293.2	1899.2	1505.2
0.0	0.0	65°	2984.2	2833.0	2681.9	2496.9	2311.8	2126.8	1941.8	1588.5	1235.4
0.0	0.0	67.5°	2418.6	2248.3	2077.7	1930.3	1782.8	1635.4	1487.8	1209.8	931.8
		70°	1921.5	1736.2	1550.8	1406.9	1262.7	1118.8	974.8	790.0	605.4
		72.5°	1526.0	1358.9	1191.9	1038.3	884.6	731.1	577.4	468.2	358.9
		75°	729.4	662.6	595.8	515.5	435.2	354.9	274.5	226.9	179.5
		77.5°	270.3	234.3	198.2	165.5	132.8	100.3	67.6	61.9	56.3
		80°	69.9	61.0	51.9	45.4	38.8	32.4	25.9	23.4	21.1
		82.5°	8.0	7.4	6.9	6.6	6.1	5.8	5.3	4.9	4.4
		85°	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049281

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	9.1	9.1
0.0	0.0	2.5°	8.5	8.3
0.0	0.0	5°	9.0	8.8
0.0	0.0	7.5°	9.9	9.6
0.0	0.0	10°	10.8	10.5
0.0	0.0	12.5°	12.3	11.8
0.0	0.0	15°	13.8	12.9
0.0	0.0	17.5°	16.5	14.5
0.0	0.0	20°	22.3	17.1
0.0	0.0	22.5°	31.4	21.4
0.0	0.0	25°	46.2	29.5
0.0	0.0	27.5°	64.3	39.3
0.0	0.0	30°	85.5	49.2
0.0	0.0	32.5°	104.2	58.6
0.0	0.0	35°	128.6	68.2
0.0	0.0	37.5°	158.6	80.5
0.0	0.0	40°	205.1	99.0
0.0	0.0	42.5°	288.9	133.3
0.0	0.0	45°	469.1	230.4
0.0	0.0	47.5°	721.8	381.1
0.0	0.0	50°	883.1	486.4
0.0	0.0	52.5°	896.3	485.6
0.0	0.0	55°	818.1	431.7
0.0	0.0	57.5°	698.1	360.8
0.0	0.0	60°	580.2	285.4
0.0	0.0	62.5°	457.2	197.1
0.0	0.0	65°	334.1	139.4
0.0	0.0	67.5°	240.0	104.2
		70°	157.8	79.8
		72.5°	102.8	65.1
		75°	69.1	53.9
		77.5°	40.4	35.8
		80°	14.3	12.6
		82.5°	2.7	1.9
		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: P1049281

CATALOG NUMBER: GALN-SA1A-927-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
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175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-13

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-927-U-5WQ

Data in this report applies to families of products including GSS-SB1A-927-U-5WQ

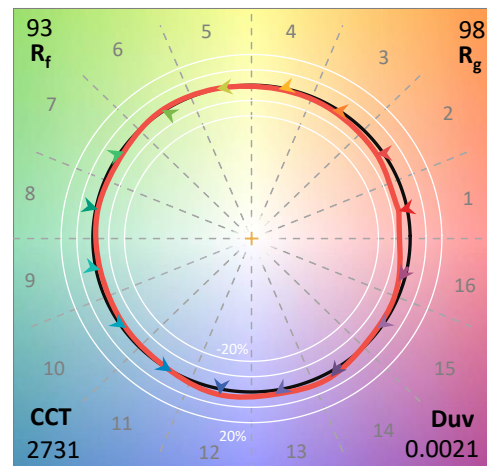
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-13
 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-927-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2731
 CIE u' : 0.2605
 CIE v' : 0.5298
 Duv: 0.0021
 CIE x: 0.4610
 CIE y: 0.4166
 CIE z: 0.1224
 Peak Wavelength (nm): 622
 Dominant Wavelength (nm): 583
 Purity: 63.43685
 R_f: 92.6
 R_g: 98

CRI (Ra): 91.8
 R1: 91.4
 R2: 95.1
 R3: 97.6
 R4: 92.3
 R5: 91.1
 R6: 94.7
 R7: 92.3
 R8: 80.0
 R9: 54.7
 R10: 87.7
 R11: 92.9
 R12: 84.0
 R13: 92.2
 R14: 97.8
 R15: 86.8



Test Conditions

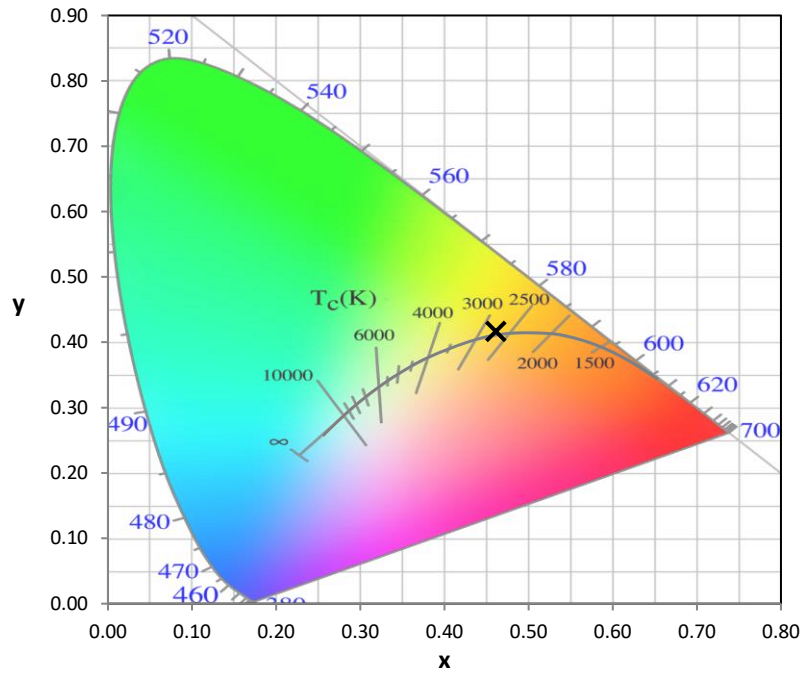
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-13

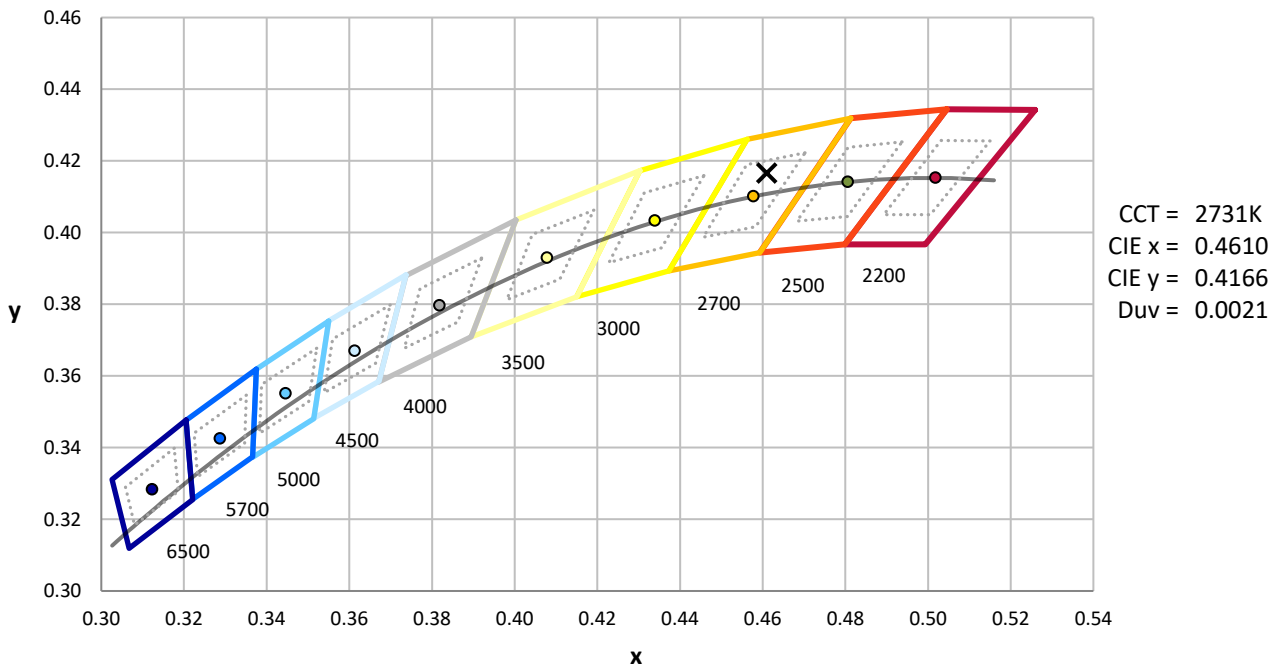
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-13

CIE 1931 Chromaticity Diagram



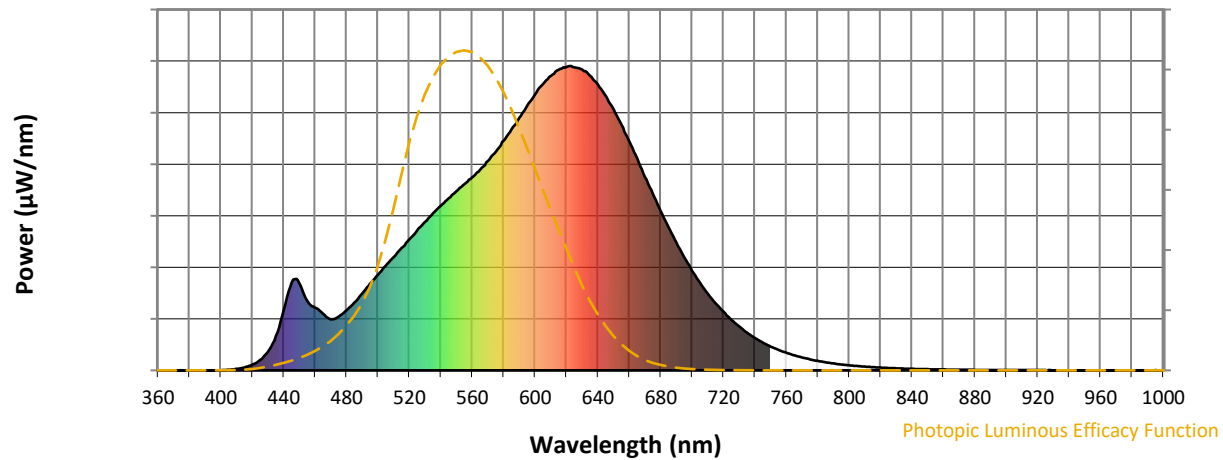
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

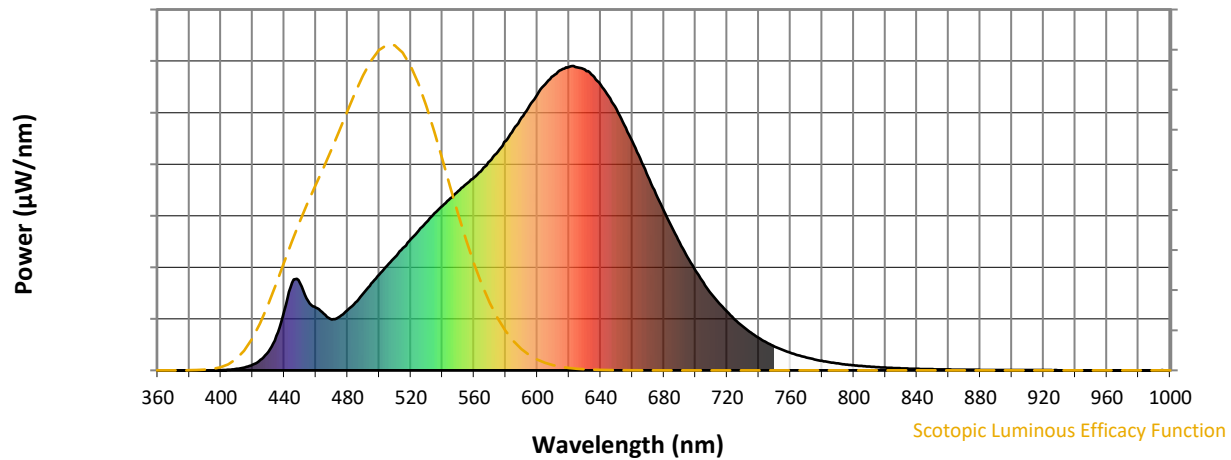


Photopic Lumens: NR

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-13

Scotopic Flux vs. Wavelength



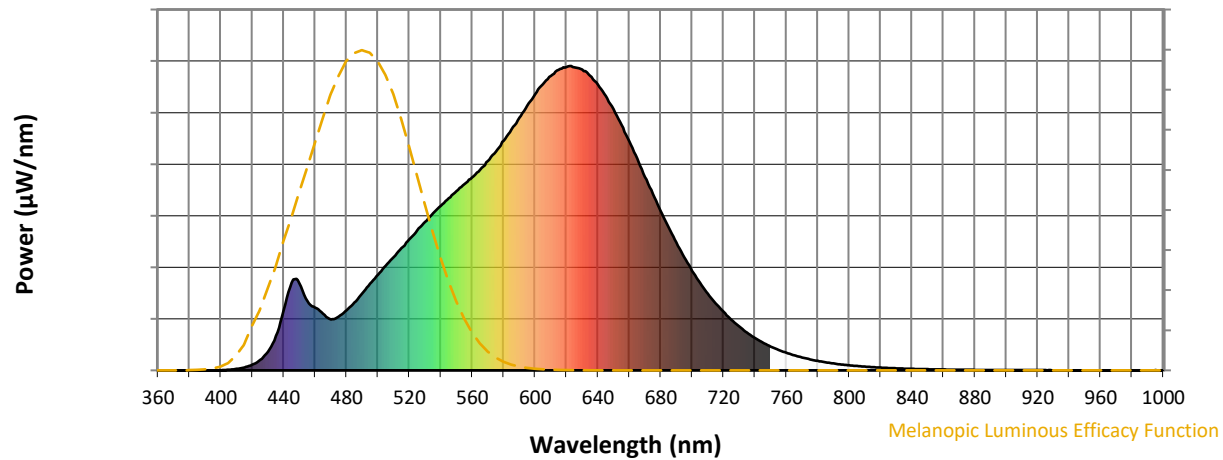
Scotopic Lumens: NR

S/P: 1.27

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.38

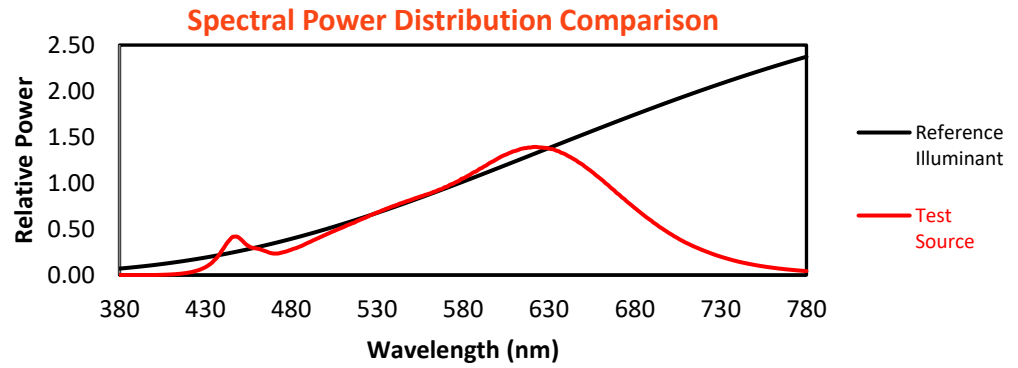
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

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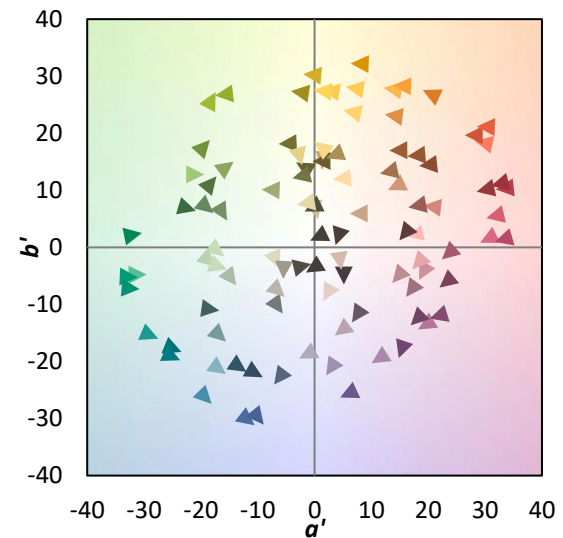
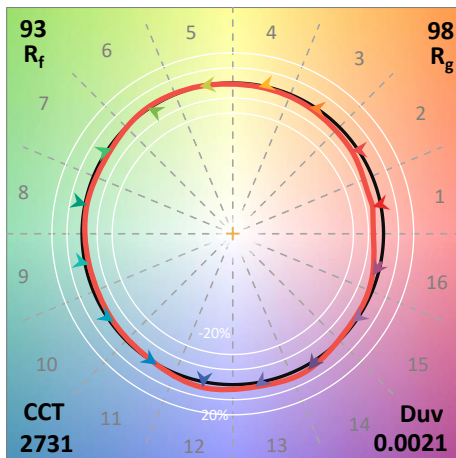
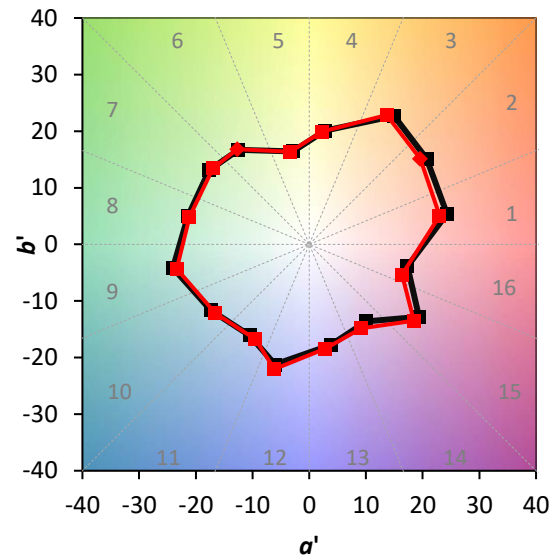
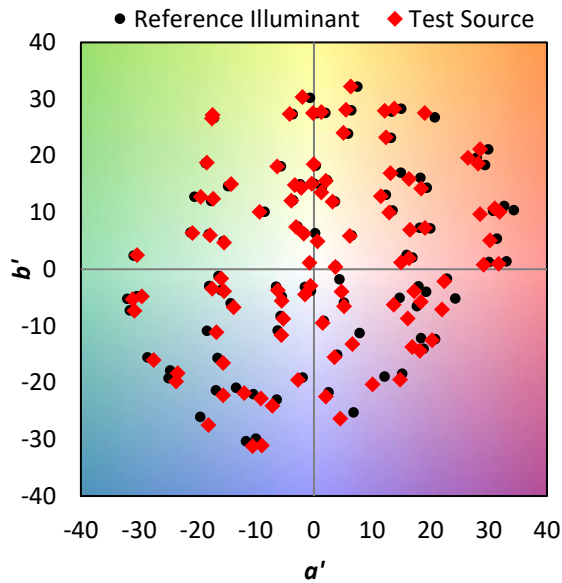
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98$
 $CIE R_a = 91.8$
 $R_9 = 54.7$

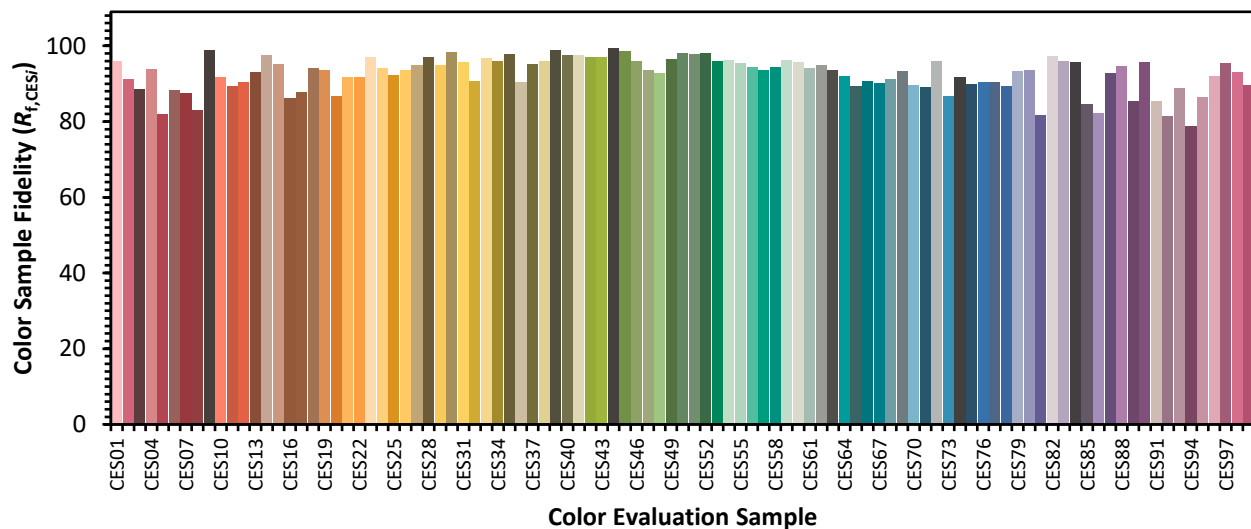


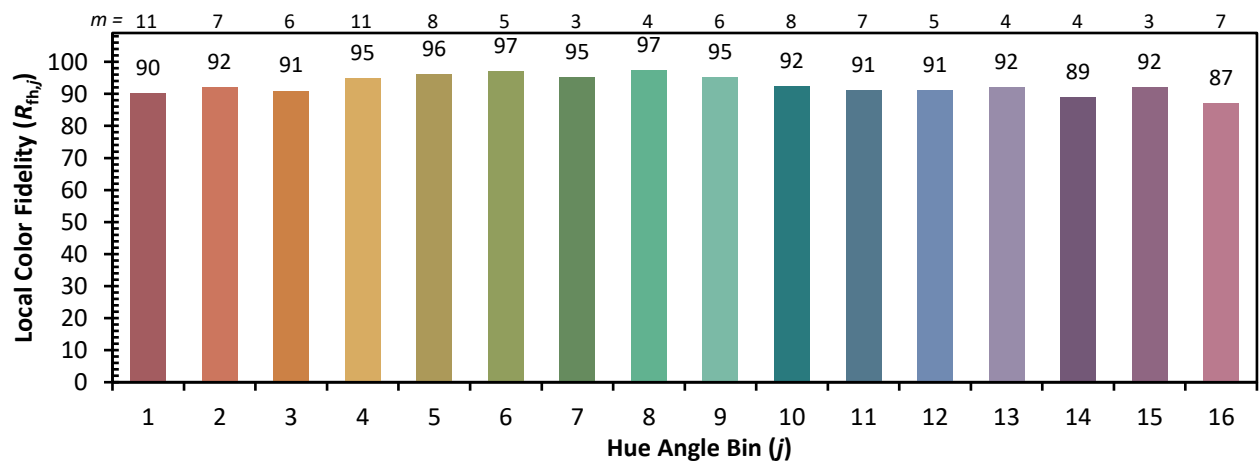
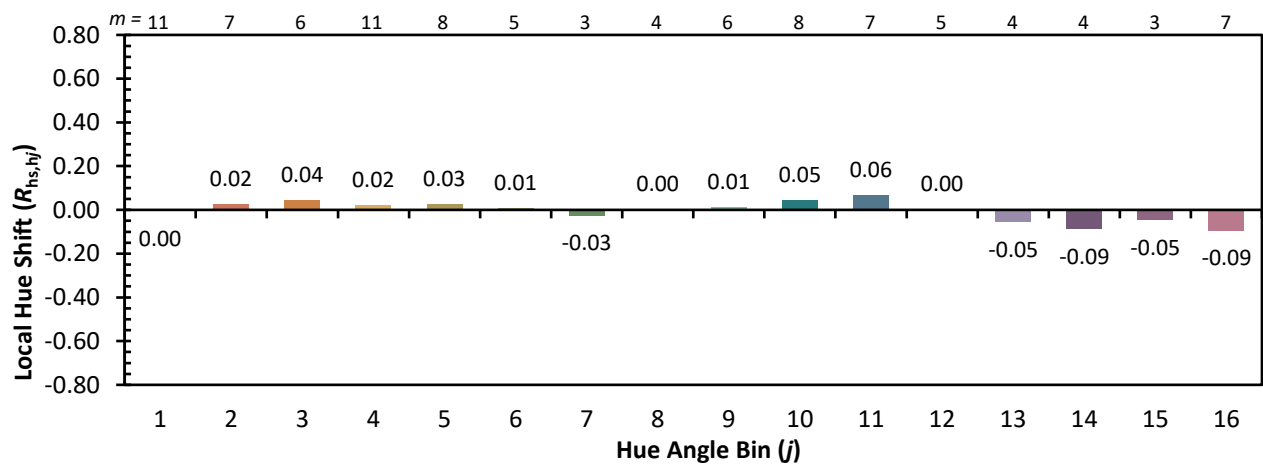
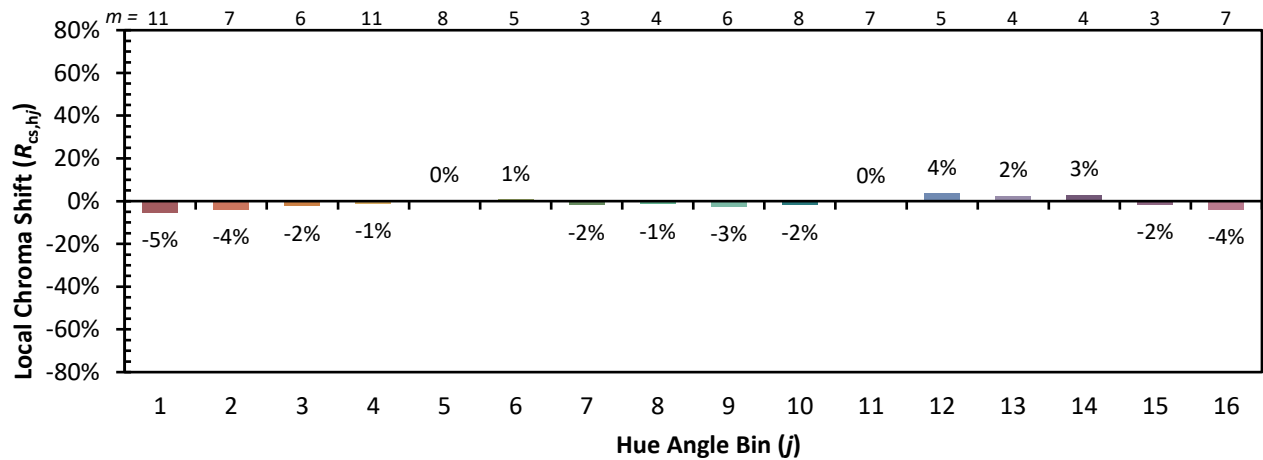
Color Vector Graphics



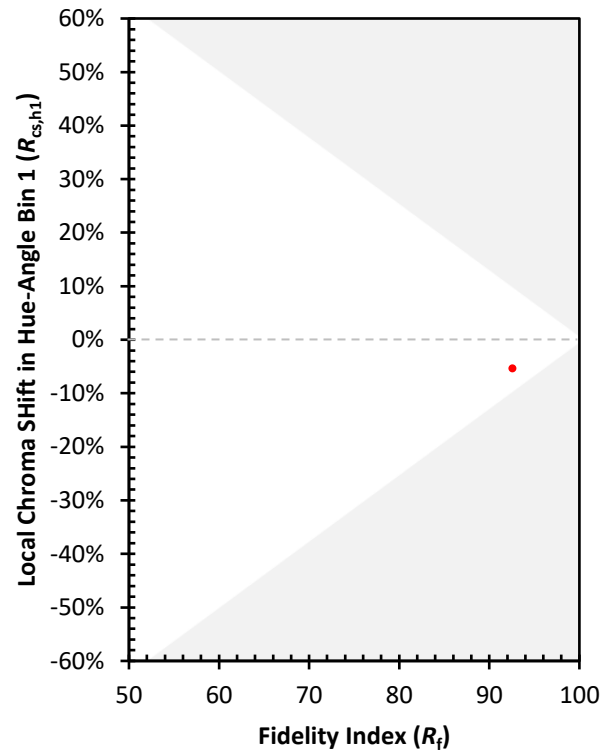
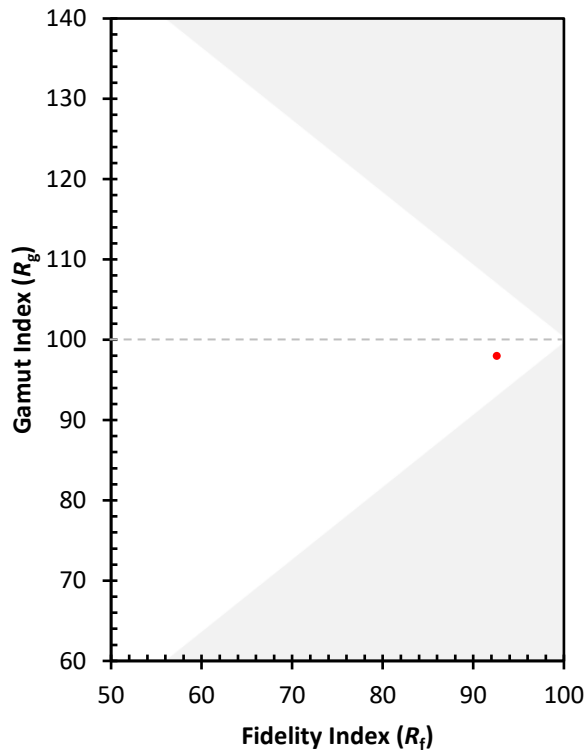
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 43	CES33 = 97	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 96	CES59 = 96	CES84 = 96
CES10 = 77	CES35 = 98	CES60 = 96	CES85 = 85
CES11 = 59	CES36 = 90	CES61 = 94	CES86 = 82
CES12 = 66	CES37 = 95	CES62 = 95	CES87 = 93
CES13 = 44	CES38 = 96	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 91	CES91 = 85
CES17 = 50	CES42 = 97	CES67 = 90	CES92 = 82
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 79
CES20 = 68	CES45 = 99	CES70 = 90	CES95 = 87
CES21 = 87	CES46 = 96	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 94	CES72 = 96	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 87	CES98 = 93
CES24 = 91	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 72	CES50 = 98	CES75 = 90	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)