

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: P1049102

Luminaire Tested: **GALN-SA1B-827-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049102
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1B-827-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3577.2 lumens
Efficiency: N/A
Efficacy: 92.4 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

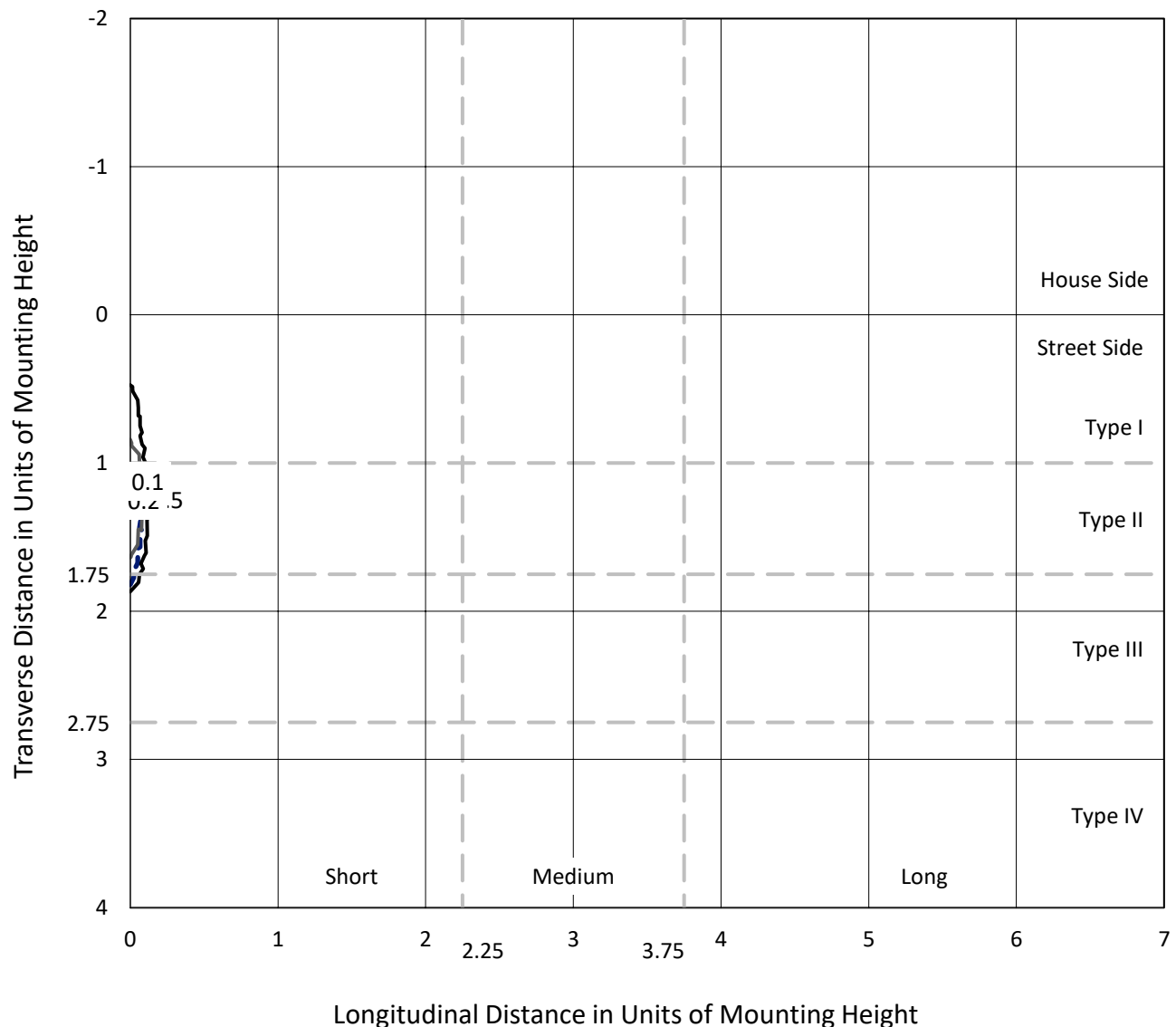
Input Watts (W): 38.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

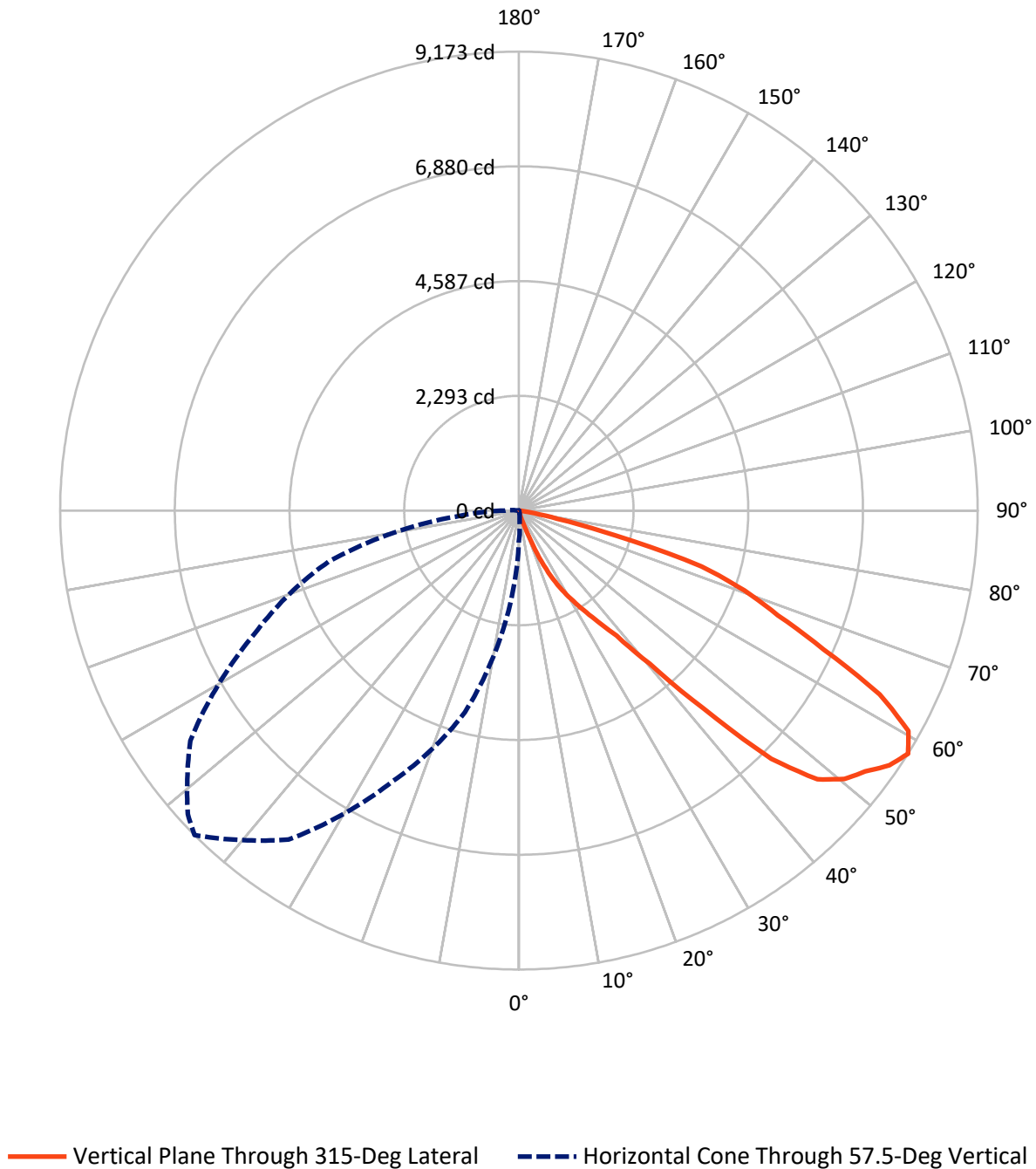
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 0.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	17.9	0.0	17.9
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	3559.3	0.0	3559.3
	% Fixture	99.5	0.0	99.5
Total	Lumens	3577.2	0.0	3577.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.4	0.0
10°-20°	7.9	0.2
20°-30°	84.8	2.4
30°-40°	250.7	7.0
40°-50°	747.1	20.9
50°-60°	1184.7	33.1
60°-70°	988.9	27.6
70°-80°	304.9	8.5
80°-90°	6.8	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°	3577.2	100.0
0°-180°	3577.2	100.0



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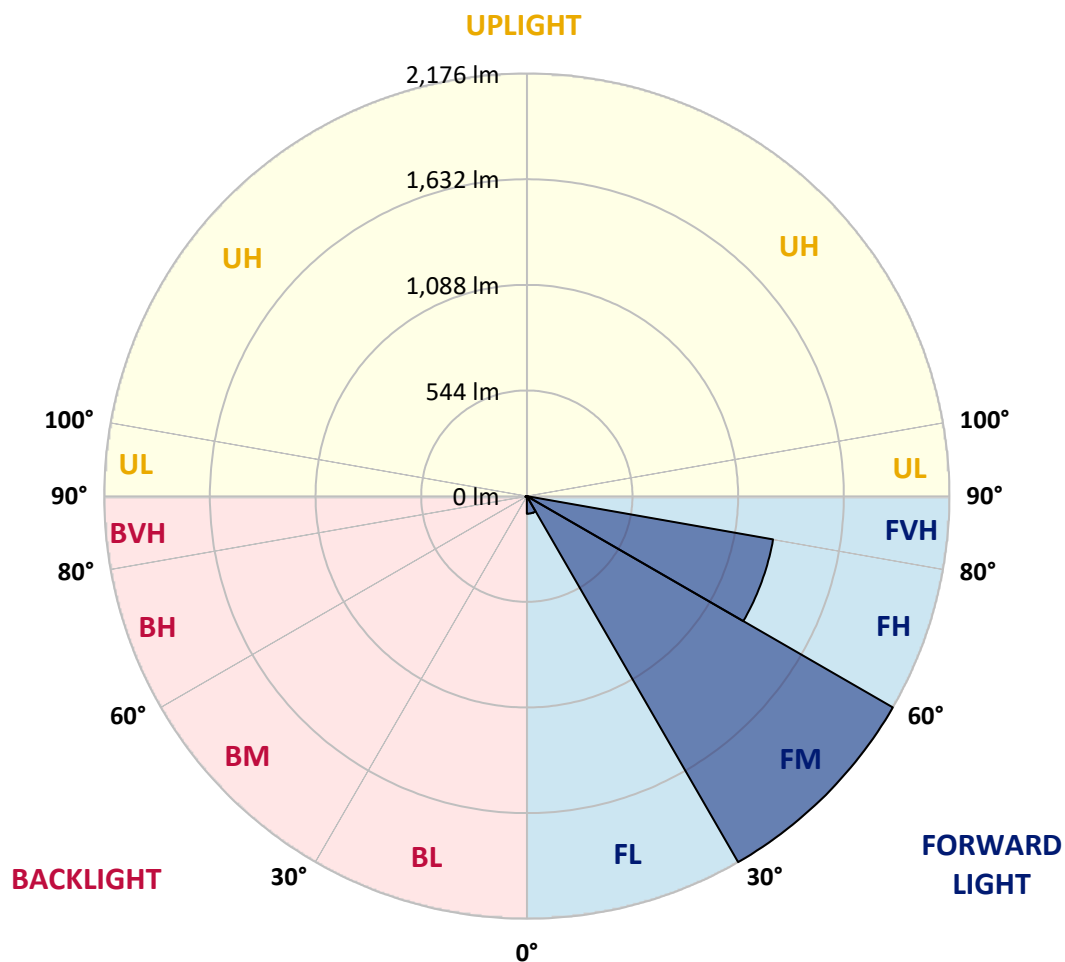
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	90.7	2.5			
FM	(30°-60°)	2176.1	60.8			
FH	(60°-80°)	1287.2	36.0			G1/1800
FVH	(80°-90°)	5.2	0.1			G0/10
BL	(0°-30°)	3.3	0.1	B0/110		
BM	(30°-60°)	6.4	0.2	B0/220		
BH	(60°-80°)	6.7	0.2	B0/110		G0/110
BVH	(80°-90°)	1.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-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°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
2.5°	14.3	14.3	14.3	14.3	14.1	14.1	13.8	13.8	13.5	13.5
5°	15.1	15.1	14.9	14.6	14.6	14.3	14.1	13.8	13.8	13.5
7.5°	16.5	16.2	15.9	15.7	15.1	14.9	14.3	14.1	13.8	13.2
10°	18.1	17.6	17.0	16.5	15.9	15.4	14.9	14.6	14.1	13.8
12.5°	20.3	19.5	18.4	17.6	17.0	16.2	15.7	15.1	14.3	13.8
15°	22.2	21.1	19.7	18.7	17.8	16.8	15.9	15.1	14.6	13.8
17.5°	24.9	23.0	20.8	19.5	18.4	17.0	15.7	14.9	14.1	13.0
20°	29.5	25.7	21.6	20.0	18.4	16.8	15.1	14.1	13.2	12.2
22.5°	36.8	30.3	23.8	21.4	19.2	16.8	14.6	13.5	12.4	11.4
25°	50.8	39.2	27.6	24.3	21.1	17.8	14.6	13.2	12.2	10.8
27.5°	67.6	50.3	32.7	28.1	23.8	19.2	14.6	13.0	11.6	10.0
30°	84.6	61.6	38.4	32.4	26.5	20.5	14.6	12.7	11.1	9.2
32.5°	100.8	72.2	43.3	36.2	29.2	21.9	14.9	12.7	10.5	8.4
35°	117.3	80.8	44.1	36.8	29.5	21.9	14.6	12.2	10.0	7.6
37.5°	138.4	90.6	42.4	35.1	28.1	20.8	13.8	11.6	9.5	7.0
40°	170.3	106.8	43.3	35.7	28.1	20.5	13.0	10.8	8.9	6.8
42.5°	229.2	138.1	46.8	38.1	29.5	20.5	11.9	10.0	8.4	6.5
45°	396.3	229.5	62.7	49.7	36.8	23.8	10.8	9.2	7.8	6.2
47.5°	655.5	384.1	112.7	87.0	61.6	36.0	10.5	9.2	7.8	6.2
50°	836.7	489.3	141.9	109.2	76.5	43.8	11.1	9.5	8.1	6.5
52.5°	835.3	496.9	158.1	121.4	84.9	48.1	11.6	10.0	8.7	7.0
55°	742.6	452.0	161.1	123.8	86.8	49.5	12.4	10.8	9.2	7.6
57.5°	620.7	383.9	147.1	113.8	80.8	47.6	14.3	12.4	10.8	8.9
60°	490.9	302.8	114.6	90.6	66.8	42.7	18.9	16.5	14.3	11.9
62.5°	339.0	219.5	100.0	80.3	60.8	41.1	21.6	19.2	17.0	14.6
65°	239.8	165.2	90.3	73.5	57.0	40.3	23.5	20.8	18.4	15.7
67.5°	179.2	131.4	83.3	68.9	54.6	40.3	26.0	22.7	19.7	16.5
70°	137.3	107.9	78.1	66.5	55.1	43.5	31.9	27.3	23.0	18.4
72.5°	111.9	92.2	72.2	63.8	55.4	47.0	38.7	32.7	26.8	20.5
75°	92.7	78.9	65.1	58.1	51.4	44.3	37.3	31.9	26.8	21.4
77.5°	61.6	56.2	50.6	46.5	42.4	38.1	34.1	29.5	25.1	20.5
80°	21.6	20.8	20.0	21.6	23.2	24.9	26.5	23.2	20.3	17.0
82.5°	3.2	3.0	2.7	3.0	3.2	3.5	3.8	4.1	4.3	4.6
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°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
0.0	2.5°	13.2	13.2	13.0	13.0	13.0	12.7	12.7	12.4	12.4	12.4
0.0	5°	13.0	13.0	12.7	12.4	12.2	12.2	11.9	11.6	11.6	11.4
0.0	7.5°	12.7	12.4	12.2	11.9	11.6	11.4	11.1	10.8	10.8	10.5
0.0	10°	13.0	12.4	12.2	11.6	11.4	11.1	10.5	10.3	10.0	10.0
0.0	12.5°	12.4	12.2	11.6	11.1	10.8	10.3	10.0	9.5	9.2	9.2
0.0	15°	12.4	11.9	11.1	10.5	10.0	9.7	9.2	8.7	8.4	8.1
0.0	17.5°	11.6	11.1	10.3	9.7	9.2	8.7	8.1	7.6	7.3	7.0
0.0	20°	10.5	10.0	9.2	8.4	7.8	7.3	6.8	6.2	5.9	5.7
0.0	22.5°	9.5	8.9	8.1	7.3	6.8	6.2	5.4	4.9	4.6	4.1
0.0	25°	8.9	8.1	7.3	6.5	5.7	5.1	4.3	3.5	3.0	2.4
0.0	27.5°	7.6	6.8	5.9	5.1	4.3	3.5	2.7	1.9	1.4	1.1
0.0	30°	6.5	5.7	4.9	4.1	3.0	2.2	1.4	0.3	0.3	0.3
0.0	32.5°	5.4	4.6	3.5	2.7	2.2	1.4	0.8	0.0	0.0	0.0
0.0	35°	4.3	3.5	2.4	1.6	1.4	0.8	0.5	0.0	0.0	0.0
0.0	37.5°	3.8	3.0	1.9	0.8	0.5	0.5	0.3	0.0	0.0	0.0
0.0	40°	3.5	2.4	1.4	0.3	0.3	0.3	0.0	0.0	0.0	0.0
0.0	42.5°	3.5	2.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	3.5	2.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	3.5	2.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	3.8	2.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	4.3	3.2	2.2	1.1	0.8	0.5	0.3	0.0	0.0	0.0
0.0	55°	5.4	4.9	4.1	3.5	2.7	1.9	0.8	0.0	0.0	0.0
0.0	57.5°	7.0	7.0	6.8	6.5	4.9	3.2	1.6	0.0	0.0	0.0
0.0	60°	9.5	9.5	9.5	9.5	7.0	4.9	2.4	0.0	0.0	0.0
0.0	62.5°	11.6	11.1	10.3	9.7	7.3	4.9	2.4	0.0	0.0	0.0
0.0	65°	11.6	10.5	9.2	7.8	5.9	4.1	1.9	0.0	0.0	0.0
0.0	67.5°	10.8	8.7	6.2	4.1	3.0	2.2	1.1	0.0	0.0	0.0
	70°	10.8	7.6	4.3	1.1	0.8	0.5	0.3	0.0	0.0	0.0
	72.5°	10.8	7.3	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	11.9	8.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	11.9	8.1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	10.5	7.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	3.5	2.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
0.0	2.5°	12.2	12.2	12.2	11.9	11.9	11.9	11.9	11.6	11.6	11.6
0.0	5°	11.1	11.1	10.8	10.8	10.5	10.5	10.3	10.3	10.0	10.0
0.0	7.5°	10.3	10.0	10.0	9.7	9.5	9.5	9.2	9.2	8.9	8.7
0.0	10°	9.5	9.2	9.2	8.9	8.7	8.4	8.4	8.1	7.8	7.6
0.0	12.5°	8.7	8.4	8.1	7.8	7.6	7.3	7.3	7.0	6.8	6.5
0.0	15°	7.6	7.3	7.0	6.8	6.5	6.2	6.2	5.9	5.7	5.4
0.0	17.5°	6.5	6.2	6.2	5.9	5.7	5.4	5.1	4.6	4.3	4.1
0.0	20°	4.9	4.6	4.3	4.1	3.8	3.2	3.0	2.4	1.9	1.6
0.0	22.5°	3.2	2.7	2.4	1.9	1.4	1.1	0.8	0.3	0.0	0.0
0.0	25°	1.1	0.8	0.5	0.3	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: P1049102

CATALOG NUMBER: GALN-SA1B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049102

CATALOG NUMBER: GALN-SA1B-827-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
0.0	2.5°	11.4	11.4	11.4	11.1	11.1	11.1	11.1	11.1	11.1	11.1
0.0	5°	9.7	9.7	9.7	9.5	9.5	9.2	9.2	9.2	8.9	8.9
0.0	7.5°	8.4	8.1	8.1	7.8	7.8	7.6	7.6	7.6	7.3	7.3
0.0	10°	7.0	6.8	6.8	6.5	6.5	6.2	6.2	5.9	5.9	5.7
0.0	12.5°	6.2	5.9	5.7	5.4	5.4	5.1	4.9	4.9	4.6	4.3
0.0	15°	4.9	4.6	4.3	4.1	3.8	3.5	3.2	3.2	3.0	2.7
0.0	17.5°	3.2	2.7	2.4	2.2	2.2	1.9	1.6	1.4	1.1	0.8
0.0	20°	0.8	0.5	0.3	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

CATALOG NUMBER: GALN-SA1B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049102

CATALOG NUMBER: GALN-SA1B-827-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°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
0.0	2.5°	11.1	10.8	10.8	10.8	11.1	11.1	11.1	11.1	11.1	11.1
0.0	5°	8.9	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
0.0	7.5°	7.3	7.0	7.0	7.0	7.0	6.8	6.8	6.8	6.8	6.8
0.0	10°	5.7	5.4	5.4	5.4	5.4	5.1	5.1	5.1	5.1	5.1
0.0	12.5°	4.1	4.1	3.8	3.8	3.8	3.5	3.5	3.5	3.5	3.2
0.0	15°	2.4	2.2	1.9	1.9	1.9	1.6	1.6	1.6	1.6	1.4
0.0	17.5°	0.5	0.5	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049102

CATALOG NUMBER: GALN-SA1B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049102

CATALOG NUMBER: GALN-SA1B-827-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
0.0	2.5°	11.4	11.4	11.6	11.6	11.9	12.4	12.7	13.0	13.5	14.1
0.0	5°	8.9	9.2	9.2	9.5	9.7	10.0	10.3	10.5	11.1	11.6
0.0	7.5°	7.0	7.0	7.3	7.3	7.6	8.1	8.4	8.7	9.2	10.0
0.0	10°	5.4	5.4	5.7	5.7	5.9	6.5	6.8	7.0	7.6	8.4
0.0	12.5°	3.5	3.8	3.8	4.1	4.3	4.9	5.1	5.4	5.9	6.5
0.0	15°	1.6	1.9	1.9	2.2	2.4	3.0	3.2	3.5	4.1	4.9
0.0	17.5°	0.3	0.3	0.5	0.5	0.8	1.1	1.4	1.6	2.4	3.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
0.0	2.5°	14.9	15.4	15.9	16.5	17.0	17.6	17.8	18.4	18.7	18.9
0.0	5°	12.7	13.2	14.1	14.6	15.1	15.7	16.2	16.5	16.8	17.0
0.0	7.5°	11.1	11.6	12.4	13.0	13.5	14.1	14.6	15.1	15.4	15.7
0.0	10°	9.5	10.3	10.8	11.6	12.2	12.7	13.2	13.8	14.3	14.6
0.0	12.5°	7.6	8.4	9.2	9.7	10.5	11.4	11.9	12.4	13.0	13.5
0.0	15°	5.9	6.8	7.6	8.1	8.9	9.7	10.5	11.1	11.6	12.2
0.0	17.5°	4.3	5.1	5.9	6.5	7.3	8.1	8.7	9.5	10.0	10.5
0.0	20°	2.2	3.0	3.8	4.6	5.4	6.2	6.8	7.6	8.1	8.7
0.0	22.5°	0.3	1.1	1.9	2.4	3.2	4.1	4.6	5.4	5.9	6.5
0.0	25°	0.0	0.3	0.8	1.1	1.4	1.9	2.4	3.0	3.5	4.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.5	1.1	1.6	2.2
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
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	0.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.5
	85°	0.0	0.0	0.0	0.0	0.0	0.5	0.8	1.4	1.6	1.9
	87.5°	0.0	0.3	0.5	0.8	1.1	1.6	2.2	2.7	3.0	3.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049102

CATALOG NUMBER: GALN-SA1B-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
15.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.0	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
2.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	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											
0.3											
1.1											
2.4											
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REPORT NUMBER: P1049102

CATALOG NUMBER: GALN-SA1B-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
0.0	2.5°	19.2	19.2	19.2	19.2	18.9	18.9	18.9	18.7	18.7	18.4
0.0	5°	17.6	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.6	17.6
0.0	7.5°	16.2	16.5	16.8	16.8	17.0	17.0	17.0	16.8	16.8	16.5
0.0	10°	15.4	15.7	15.7	15.9	15.9	15.9	15.9	15.9	15.9	15.9
0.0	12.5°	14.3	14.6	14.9	14.9	15.1	15.1	15.1	15.1	14.9	14.9
0.0	15°	13.0	13.5	13.8	14.1	14.1	14.3	14.3	14.3	14.3	14.3
0.0	17.5°	11.9	12.4	12.7	13.0	13.0	13.2	13.2	13.5	13.5	13.5
0.0	20°	9.7	10.3	10.5	11.1	11.4	11.6	11.9	12.2	12.2	12.4
0.0	22.5°	7.6	8.1	8.4	8.9	9.2	9.5	9.7	10.0	10.3	10.5
0.0	25°	5.4	5.9	6.2	6.8	7.0	7.3	7.6	7.8	7.8	8.1
0.0	27.5°	3.0	3.5	4.1	4.3	4.9	5.1	5.4	5.7	5.9	6.2
0.0	30°	1.4	1.6	1.9	2.4	2.7	3.0	3.2	3.8	4.1	4.3
0.0	32.5°	0.0	0.0	0.3	0.8	1.1	1.4	1.6	1.9	1.9	2.2
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.8	1.1
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.5	0.5	0.5	0.8	0.8	0.8	0.8	0.8	0.8	0.8
	82.5°	1.4	1.6	1.9	1.9	2.2	2.2	2.2	2.2	1.9	1.9
	85°	2.7	3.0	3.2	3.2	3.5	3.5	3.5	3.5	3.5	3.5
	87.5°	3.8	4.1	4.3	4.3	4.6	4.6	4.6	4.6	4.6	4.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049102

CATALOG NUMBER: GALN-SA1B-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
15.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	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: P1049102

CATALOG NUMBER: GALN-SA1B-827-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°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
0.0	2.5°	18.1	18.1	17.8	17.8	17.8	17.8	17.8	18.1	18.4	18.4
0.0	5°	17.3	17.3	17.0	17.0	17.0	17.3	17.3	17.6	17.8	18.1
0.0	7.5°	16.5	16.2	16.2	16.5	16.5	16.8	16.8	17.0	17.3	17.6
0.0	10°	15.9	15.7	15.7	15.7	15.9	15.9	16.2	16.5	16.8	17.0
0.0	12.5°	14.9	14.9	14.9	14.9	15.1	15.1	15.4	15.7	16.2	16.5
0.0	15°	14.3	14.1	14.1	14.1	14.1	14.3	14.3	14.9	15.4	15.7
0.0	17.5°	13.2	13.2	13.0	13.0	13.2	13.2	13.5	14.1	14.6	14.9
0.0	20°	12.2	11.9	11.6	11.6	11.9	11.9	12.2	12.7	13.2	13.5
0.0	22.5°	10.5	10.3	10.3	10.3	10.3	10.5	10.5	11.1	11.9	12.4
0.0	25°	8.4	8.7	8.7	8.9	8.9	9.2	9.5	10.0	10.8	11.4
0.0	27.5°	6.5	6.8	6.8	7.3	7.6	7.8	8.1	8.9	9.7	10.3
0.0	30°	4.9	5.1	5.4	5.7	6.2	6.8	7.3	8.1	8.9	9.5
0.0	32.5°	3.0	3.5	3.8	4.3	4.9	5.4	5.9	6.8	7.8	8.7
0.0	35°	2.2	2.4	3.0	3.2	3.8	4.3	4.9	5.9	6.8	7.8
0.0	37.5°	1.1	1.6	2.2	2.7	3.2	3.8	4.3	5.4	6.5	7.3
0.0	40°	0.8	1.4	1.6	2.2	3.0	3.5	4.1	5.1	6.2	7.3
0.0	42.5°	0.5	0.8	1.1	1.9	2.4	3.2	4.1	5.1	6.2	7.3
0.0	45°	0.5	0.5	0.8	1.6	2.4	3.5	4.3	5.4	6.2	7.3
0.0	47.5°	0.5	0.8	1.1	2.2	2.7	3.5	4.3	5.1	6.2	7.0
0.0	50°	0.8	1.1	1.4	2.4	3.0	3.8	4.3	5.4	6.2	7.3
0.0	52.5°	0.5	0.8	1.1	2.2	3.0	4.1	4.9	5.9	7.0	7.8
0.0	55°	0.3	0.3	0.3	1.6	3.2	4.6	6.2	7.0	8.1	8.9
0.0	57.5°	0.0	0.0	0.0	1.1	3.2	5.1	7.0	8.1	9.2	10.0
0.0	60°	0.0	0.0	0.0	1.1	3.2	5.1	7.0	8.4	9.7	11.1
0.0	62.5°	0.0	0.0	0.0	1.1	2.7	4.3	5.9	8.1	10.5	12.7
0.0	65°	0.0	0.0	0.0	0.8	2.2	3.5	4.9	8.1	11.4	14.3
0.0	67.5°	0.0	0.0	0.0	0.8	2.2	3.2	4.6	8.1	11.4	14.9
	70°	0.0	0.0	0.0	0.8	2.2	3.5	4.9	8.1	11.4	14.6
	72.5°	0.0	0.0	0.0	0.8	2.4	3.8	5.4	8.1	10.8	13.5
	75°	0.0	0.0	0.0	1.1	2.4	4.1	5.7	8.1	10.5	12.7
	77.5°	0.0	0.0	0.0	0.8	2.4	3.8	5.4	7.8	10.3	12.4
	80°	0.8	0.5	0.5	1.4	2.4	3.5	4.6	7.0	9.7	12.2
	82.5°	1.6	1.6	1.4	1.9	2.4	3.2	4.1	6.2	8.7	10.8
	85°	3.2	3.2	3.0	3.2	3.2	3.5	3.8	4.9	5.9	7.0
	87.5°	4.3	4.3	4.1	4.1	4.1	3.8	3.8	3.8	3.8	3.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049102

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
15.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.8											
16.2											
15.1											
14.9											
14.6											
13.0											
8.1											
3.5											
0.0											
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REPORT NUMBER: P1049102

CATALOG NUMBER: GALN-SA1B-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
0.0	2.5°	18.9	19.2	19.2	19.5	19.7	20.0	20.0	20.3	20.3	20.3
0.0	5°	18.7	19.2	19.5	19.7	20.0	20.3	20.5	20.8	21.1	21.1
0.0	7.5°	18.4	18.7	19.2	19.5	20.0	20.3	20.8	21.1	21.4	21.6
0.0	10°	17.8	18.4	18.9	19.5	20.0	20.5	21.1	21.6	22.2	22.4
0.0	12.5°	17.3	18.1	18.7	19.2	20.0	20.8	21.4	22.2	22.7	23.2
0.0	15°	17.0	17.6	18.4	18.9	20.0	21.1	21.9	23.0	24.1	24.9
0.0	17.5°	16.2	17.3	18.1	18.9	20.0	21.4	22.4	23.5	25.1	26.8
0.0	20°	15.1	15.9	17.0	17.8	19.5	20.8	22.4	23.8	26.2	28.7
0.0	22.5°	14.1	15.1	15.9	17.0	18.9	20.5	22.4	24.1	28.1	31.9
0.0	25°	13.0	14.3	15.4	16.5	18.7	20.8	23.0	25.1	31.9	38.7
0.0	27.5°	12.4	13.5	14.9	15.9	18.7	21.6	24.3	27.0	37.8	48.4
0.0	30°	11.6	13.0	14.1	15.4	18.9	22.4	26.0	29.5	46.0	62.4
0.0	32.5°	10.8	12.2	13.5	14.9	19.5	24.1	28.4	33.0	54.6	76.0
0.0	35°	10.0	11.6	13.0	14.3	20.3	26.5	32.4	38.4	62.4	86.2
0.0	37.5°	9.7	11.4	12.7	14.1	20.5	26.8	33.3	39.5	63.3	87.0
0.0	40°	10.0	11.4	13.0	14.3	19.7	25.1	30.3	35.7	60.6	85.2
0.0	42.5°	10.0	11.6	13.2	14.9	19.2	23.5	27.8	32.2	59.7	87.3
0.0	45°	9.7	11.4	13.0	14.6	18.7	22.4	26.5	30.3	64.6	98.7
0.0	47.5°	9.5	11.1	12.7	14.3	18.4	22.4	26.5	30.5	83.5	136.2
0.0	50°	9.5	11.1	12.4	13.8	18.7	23.8	28.7	33.5	121.6	209.5
0.0	52.5°	10.0	11.4	12.4	13.5	19.2	25.1	30.8	36.5	154.6	272.5
0.0	55°	10.8	11.6	12.7	13.5	20.5	27.3	34.3	41.1	164.6	288.2
0.0	57.5°	11.9	12.7	13.5	14.3	23.0	31.6	40.0	48.7	165.4	282.0
0.0	60°	13.2	14.3	15.1	15.9	25.1	34.6	43.8	53.0	149.8	246.3
0.0	62.5°	16.2	17.6	18.7	20.0	28.9	37.6	46.5	55.1	124.4	193.6
0.0	65°	18.7	19.7	20.8	21.9	30.5	39.5	48.1	56.8	105.4	154.1
0.0	67.5°	19.2	20.3	21.1	22.2	31.1	40.0	48.7	57.6	90.3	122.7
	70°	19.5	20.8	22.4	23.8	33.0	42.2	51.1	60.3	80.0	99.8
	72.5°	18.7	21.4	23.8	26.2	34.9	43.3	51.9	60.3	74.3	88.4
	75°	18.7	22.4	26.0	29.5	36.0	42.2	48.7	54.9	65.7	76.5
	77.5°	19.7	24.6	29.5	34.3	38.1	41.6	45.4	48.9	56.0	63.0
	80°	19.7	24.9	29.7	34.9	36.5	38.4	40.0	41.6	42.4	43.3
	82.5°	17.0	21.1	25.1	29.2	27.3	25.4	23.5	21.6	20.3	18.7
	85°	8.7	9.5	10.0	10.5	9.7	8.9	8.1	7.3	6.8	5.9
	87.5°	3.5	3.5	3.2	3.2	3.2	3.2	3.0	3.0	3.0	3.0
	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: P1049102

CATALOG NUMBER: GALN-SA1B-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
15.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
181.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
262.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
612.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
771.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
789.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
712.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
608.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
475.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
359.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
265.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
187.9											
139.8											
101.6											
76.5											
43.0											
19.5											
5.7											
2.7											
0.0											
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REPORT NUMBER: P1049102

CATALOG NUMBER: GALN-SA1B-827-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°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
0.0	2.5°	20.3	20.0	20.0	19.7	19.5	19.2	18.9	18.7	18.4	18.1
0.0	5°	21.1	21.1	21.1	20.8	20.8	20.5	20.5	20.3	20.0	19.7
0.0	7.5°	21.9	22.2	22.2	22.4	22.4	22.4	22.4	22.2	22.2	22.2
0.0	10°	23.2	23.5	23.8	24.1	24.3	24.6	24.6	24.9	24.9	24.9
0.0	12.5°	24.9	25.7	26.2	27.0	27.6	28.4	28.9	29.7	30.3	30.8
0.0	15°	27.3	28.7	30.3	31.6	33.0	34.9	37.0	38.9	40.8	43.8
0.0	17.5°	30.8	35.1	39.5	43.5	47.8	57.3	66.8	76.0	85.4	99.2
0.0	20°	37.6	50.6	63.3	76.2	88.9	122.2	155.2	188.4	221.4	256.8
0.0	22.5°	52.7	84.6	116.5	148.4	180.3	249.8	319.0	388.5	457.7	539.0
0.0	25°	76.5	135.2	193.8	252.2	310.9	419.5	528.5	637.2	745.8	851.5
0.0	27.5°	111.4	201.1	290.9	380.3	470.1	617.4	765.0	912.4	1059.7	1179.2
0.0	30°	154.4	276.0	397.6	519.3	640.9	808.5	976.1	1143.5	1311.1	1441.7
0.0	32.5°	194.9	343.9	492.8	641.5	790.4	981.3	1172.4	1363.3	1554.1	1696.8
0.0	35°	221.4	401.4	581.7	761.8	941.8	1148.3	1354.9	1561.1	1767.7	1930.7
0.0	37.5°	247.9	455.8	663.4	871.3	1078.9	1305.7	1532.5	1759.3	1986.1	2187.5
0.0	40°	277.6	521.5	765.0	1008.9	1252.4	1521.1	1789.6	2058.3	2326.7	2610.8
0.0	42.5°	329.3	630.4	931.8	1233.0	1534.1	1889.6	2245.1	2600.3	2955.7	3361.2
0.0	45°	426.3	850.7	1275.4	1699.8	2124.2	2595.1	3066.3	3537.2	4008.1	4547.7
0.0	47.5°	663.9	1247.8	1831.5	2415.4	2999.0	3507.5	4015.7	4524.2	5032.4	5569.8
0.0	50°	1015.9	1695.5	2375.1	3054.4	3734.0	4194.1	4653.9	5114.0	5573.9	6085.0
0.0	52.5°	1270.5	1978.5	2686.8	3394.8	4102.7	4518.0	4933.5	5348.7	5763.9	6241.6
0.0	55°	1289.7	1993.7	2697.9	3401.8	4105.7	4522.8	4939.9	5357.1	5774.2	6280.5
0.0	57.5°	1141.9	1840.1	2538.1	3236.3	3934.3	4409.3	4884.0	5358.9	5833.6	6381.1
0.0	60°	971.3	1669.8	2368.1	3066.6	3764.8	4312.0	4859.4	5406.5	5953.7	6466.5
0.0	62.5°	757.7	1476.3	2195.0	2913.6	3632.1	4187.6	4743.1	5298.4	5853.9	6238.6
0.0	65°	564.7	1262.4	1960.1	2657.6	3355.3	3800.2	4245.2	4689.9	5134.8	5373.0
0.0	67.5°	408.2	1009.9	1611.4	2213.2	2814.6	3133.1	3451.5	3769.7	4088.1	4270.3
	70°	276.0	692.8	1109.4	1526.3	1942.8	2204.5	2466.5	2728.1	2989.8	3235.8
	72.5°	191.1	425.2	659.6	893.7	1127.8	1391.1	1654.1	1917.4	2180.5	2440.8
	75°	126.8	233.3	340.1	446.6	553.1	748.0	943.2	1138.1	1333.0	1488.1
	77.5°	90.0	121.9	154.1	186.0	217.9	254.4	291.1	327.6	364.1	419.5
	80°	42.7	46.8	50.8	54.6	58.7	71.9	85.2	98.4	111.6	125.7
	82.5°	20.3	21.9	23.5	24.9	26.5	27.8	29.2	30.5	31.9	30.5
	85°	5.4	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.4
	87.5°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.2	2.2	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
15.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
292.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
620.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
957.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1298.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1572.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1839.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2093.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2389.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2894.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3766.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5087.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6107.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6596.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6719.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6787.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6928.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6979.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6623.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5611.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4452.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3481.5											
2701.1											
1643.3											
475.0											
139.8											
28.9											
5.1											
1.9											
0.0											
0.0											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
0.0	2.5°	17.6	17.3	17.0	16.8	16.5	15.9	15.9	15.7	15.7
0.0	5°	19.2	18.9	18.7	18.4	18.4	18.1	17.8	17.8	17.6
0.0	7.5°	21.9	21.6	21.4	21.1	21.1	20.8	20.8	20.5	20.5
0.0	10°	25.1	25.1	25.1	25.1	25.1	24.9	24.9	24.9	24.6
0.0	12.5°	31.6	31.9	32.4	33.0	33.8	33.8	33.8	33.5	33.5
0.0	15°	50.0	53.0	55.1	57.3	59.2	63.5	63.0	62.2	61.6
0.0	17.5°	126.5	140.0	147.3	154.4	161.7	181.7	178.4	175.2	172.2
0.0	20°	327.9	363.3	386.8	410.4	434.1	471.7	462.5	453.3	444.1
0.0	22.5°	701.5	782.9	818.3	853.7	888.8	934.2	904.8	875.3	846.1
0.0	25°	1062.7	1168.4	1228.1	1287.8	1347.3	1373.3	1334.9	1296.2	1257.8
0.0	27.5°	1418.1	1537.6	1590.3	1642.8	1695.5	1749.8	1702.2	1654.4	1606.8
0.0	30°	1703.1	1833.6	1890.7	1947.4	2004.5	2042.3	1993.1	1943.6	1894.4
0.0	32.5°	1982.6	2125.3	2187.8	2250.2	2312.4	2366.7	2306.2	2245.3	2184.8
0.0	35°	2256.4	2419.4	2505.4	2591.3	2677.3	2727.9	2656.0	2583.8	2511.9
0.0	37.5°	2590.5	2791.9	2888.2	2984.4	3080.6	3172.8	3093.6	3014.1	2934.9
0.0	40°	3179.0	3463.2	3610.7	3758.6	3906.2	4025.2	3925.1	3825.1	3725.1
0.0	42.5°	4172.2	4577.7	4789.9	5001.8	5214.1	5399.8	5294.6	5189.5	5084.3
0.0	45°	5626.8	6166.4	6425.1	6683.5	6942.2	7078.0	6926.6	6774.9	6623.5
0.0	47.5°	6644.3	7181.8	7412.1	7642.4	7872.7	8027.6	7842.4	7657.3	7472.4
0.0	50°	7107.1	7618.3	7849.5	8080.3	8311.5	8434.5	8220.6	8006.5	7792.7
0.0	52.5°	7196.6	7674.3	7950.0	8226.0	8501.8	8666.1	8413.6	8160.9	7908.4
0.0	55°	7293.4	7799.7	8119.5	8439.6	8759.4	8987.0	8701.5	8415.8	8130.3
0.0	57.5°	7475.6	8023.0	8342.0	8660.7	8979.7	9173.0	8886.7	8600.2	8313.9
0.0	60°	7491.8	8004.4	8278.5	8552.9	8827.0	8948.6	8674.8	8400.7	8126.8
0.0	62.5°	7008.2	7392.9	7583.2	7773.5	7963.8	8096.0	7810.3	7524.3	7238.5
0.0	65°	5849.6	6087.7	6239.4	6391.1	6542.7	6700.3	6438.6	6177.0	5915.3
0.0	67.5°	4635.0	4817.2	5017.0	5216.8	5416.5	5584.9	5375.4	5165.7	4956.2
	70°	3727.5	3973.3	4197.9	4422.5	4647.2	4785.0	4574.7	4364.1	4153.8
	72.5°	2961.4	3221.7	3409.4	3596.7	3784.3	3818.1	3663.5	3508.8	3354.5
	75°	1798.2	1953.4	1957.2	1960.7	1964.5	1996.6	1868.5	1740.4	1612.5
	77.5°	530.4	585.8	631.5	676.9	722.6	777.7	730.7	683.4	636.3
	80°	153.5	167.6	179.5	191.1	203.0	196.0	184.9	173.8	162.7
	82.5°	27.6	26.0	25.7	25.4	25.4	24.1	21.9	19.7	17.6
	85°	4.9	4.6	4.3	4.1	3.8	3.5	3.0	2.7	2.2
	87.5°	1.6	1.4	1.1	0.8	0.8	0.3	0.3	0.3	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-SA1B-827-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°	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
0.0	0.0	2.5°	15.4	15.1	15.1	15.1	15.1	14.9	14.9	14.9	14.9
0.0	0.0	5°	17.0	17.0	16.8	16.8	16.5	16.5	16.2	16.2	15.9
0.0	0.0	7.5°	20.0	19.7	19.5	19.2	18.9	18.4	18.1	17.8	17.8
0.0	0.0	10°	24.1	23.5	23.2	22.7	22.4	21.9	21.4	20.8	20.3
0.0	0.0	12.5°	31.6	30.5	29.7	28.7	27.6	26.8	25.7	24.9	23.8
0.0	0.0	15°	54.9	52.2	49.2	45.7	41.9	38.4	34.6	32.4	30.0
0.0	0.0	17.5°	140.3	126.2	111.9	100.3	88.7	77.3	65.7	57.3	48.9
0.0	0.0	20°	357.1	318.2	279.2	240.9	202.2	163.8	125.2	105.7	86.2
0.0	0.0	22.5°	672.0	599.9	527.4	457.4	387.1	317.1	247.1	203.0	159.2
0.0	0.0	25°	1037.2	946.4	855.6	740.4	625.0	509.8	394.7	323.0	251.4
0.0	0.0	27.5°	1349.7	1245.1	1140.5	1000.5	860.4	720.4	580.4	473.6	367.1
0.0	0.0	30°	1620.3	1507.9	1395.4	1232.4	1069.4	906.4	743.4	609.9	476.3
0.0	0.0	32.5°	1855.0	1720.4	1585.7	1417.6	1249.4	1081.3	913.2	749.3	585.5
0.0	0.0	35°	2125.6	1968.5	1811.2	1624.7	1437.9	1251.3	1064.8	879.9	694.7
0.0	0.0	37.5°	2469.4	2276.7	2083.7	1875.8	1667.9	1460.3	1252.4	1041.0	829.6
0.0	0.0	40°	3127.7	2879.0	2630.3	2366.2	2101.8	1837.7	1573.6	1314.1	1054.5
0.0	0.0	42.5°	4307.1	3971.1	3635.1	3283.7	2932.0	2580.5	2228.8	1862.8	1496.5
0.0	0.0	45°	5638.2	5221.4	4804.2	4409.8	4015.2	3620.8	3226.3	2724.1	2221.8
0.0	0.0	47.5°	6386.7	5936.6	5486.5	5113.2	4739.9	4366.6	3993.3	3451.8	2910.3
0.0	0.0	50°	6662.2	6204.0	5745.8	5402.2	5058.3	4714.8	4370.9	3828.6	3286.1
0.0	0.0	52.5°	6720.9	6253.5	5786.1	5440.3	5094.6	4749.1	4403.3	3864.6	3325.8
0.0	0.0	55°	6841.4	6340.0	5838.2	5444.1	5050.0	4655.8	4261.7	3714.3	3166.9
0.0	0.0	57.5°	6999.0	6484.9	5970.7	5521.7	5072.7	4623.9	4174.9	3576.4	2977.9
0.0	0.0	60°	6957.7	6510.3	6062.6	5581.7	5100.5	4619.6	4138.4	3480.2	2821.7
0.0	0.0	62.5°	6239.7	5883.4	5526.8	5131.3	4735.6	4340.1	3944.6	3266.9	2589.2
0.0	0.0	65°	5133.2	4873.2	4613.1	4294.9	3976.5	3658.3	3340.2	2732.5	2125.0
0.0	0.0	67.5°	4160.3	3867.3	3574.0	3320.4	3066.6	2813.0	2559.2	2081.0	1602.8
		70°	3305.3	2986.6	2667.6	2420.0	2172.1	1924.5	1676.8	1358.9	1041.3
		72.5°	2624.9	2337.5	2050.2	1786.0	1521.7	1257.6	993.2	805.3	617.4
		75°	1254.6	1139.7	1024.8	886.7	748.5	610.4	472.3	390.4	308.7
		77.5°	465.0	403.1	340.9	284.7	228.4	172.5	116.2	106.5	96.8
		80°	120.3	104.9	89.2	78.1	66.8	55.7	44.6	40.3	36.2
		82.5°	13.8	12.7	11.9	11.4	10.5	10.0	9.2	8.4	7.6
		85°	0.8	0.5	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):

[illegible]

REPORT NUMBER: P1049102

CATALOG NUMBER: GALN-SA1B-827-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	15.7	15.7
0.0	0.0	2.5°	14.6	14.3
0.0	0.0	5°	15.4	15.1
0.0	0.0	7.5°	17.0	16.5
0.0	0.0	10°	18.7	18.1
0.0	0.0	12.5°	21.1	20.3
0.0	0.0	15°	23.8	22.2
0.0	0.0	17.5°	28.4	24.9
0.0	0.0	20°	38.4	29.5
0.0	0.0	22.5°	54.1	36.8
0.0	0.0	25°	79.5	50.8
0.0	0.0	27.5°	110.6	67.6
0.0	0.0	30°	147.1	84.6
0.0	0.0	32.5°	179.2	100.8
0.0	0.0	35°	221.1	117.3
0.0	0.0	37.5°	272.8	138.4
0.0	0.0	40°	352.8	170.3
0.0	0.0	42.5°	496.9	229.2
0.0	0.0	45°	806.9	396.3
0.0	0.0	47.5°	1241.6	655.5
0.0	0.0	50°	1519.0	836.7
0.0	0.0	52.5°	1541.7	835.3
0.0	0.0	55°	1407.3	742.6
0.0	0.0	57.5°	1200.8	620.7
0.0	0.0	60°	998.0	490.9
0.0	0.0	62.5°	786.4	339.0
0.0	0.0	65°	574.7	239.8
0.0	0.0	67.5°	412.8	179.2
		70°	271.4	137.3
		72.5°	176.8	111.9
		75°	118.9	92.7
		77.5°	69.5	61.6
		80°	24.6	21.6
		82.5°	4.6	3.2
		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: P1049102

CATALOG NUMBER: GALN-SA1B-827-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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

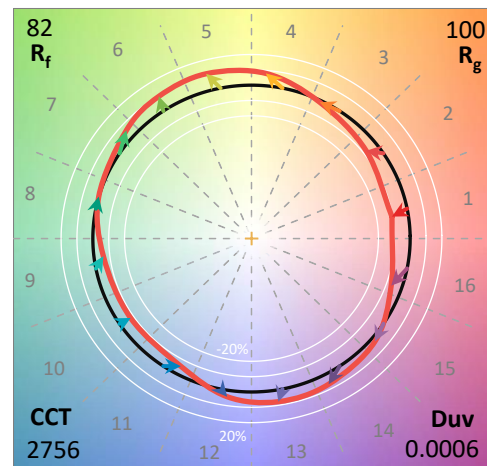
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

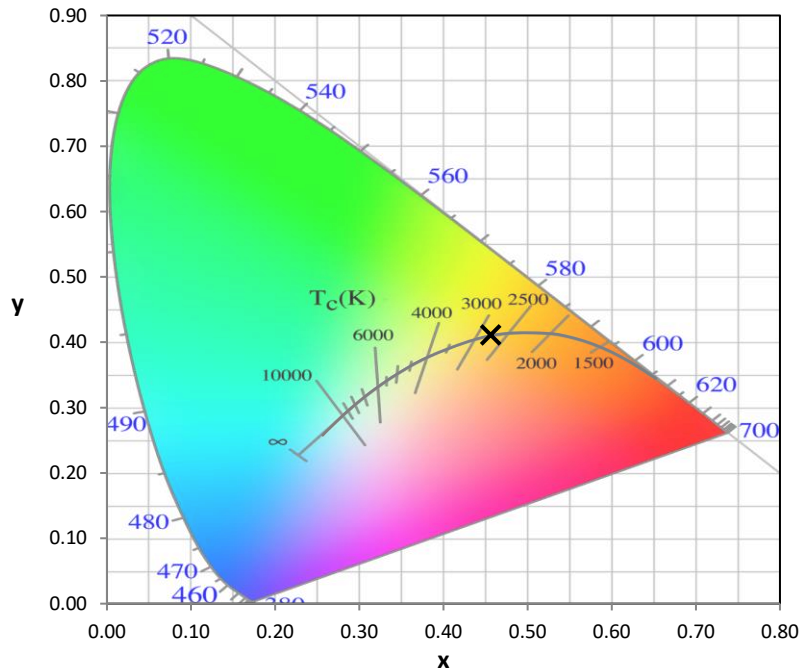
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

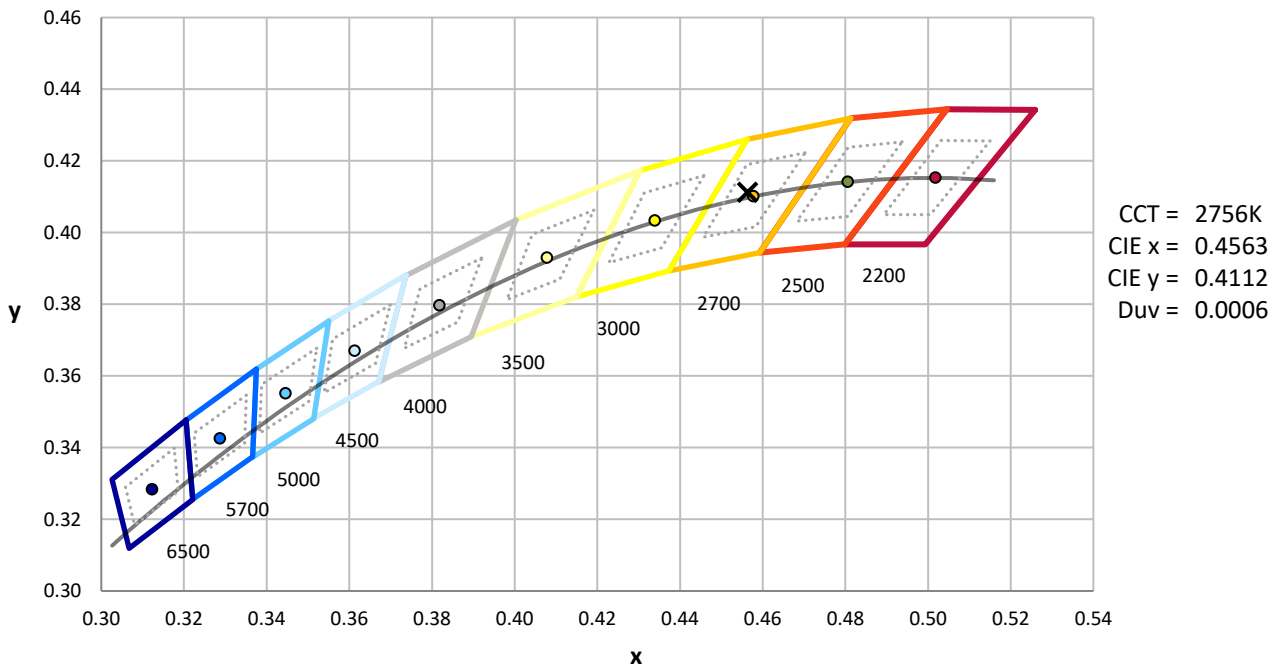
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



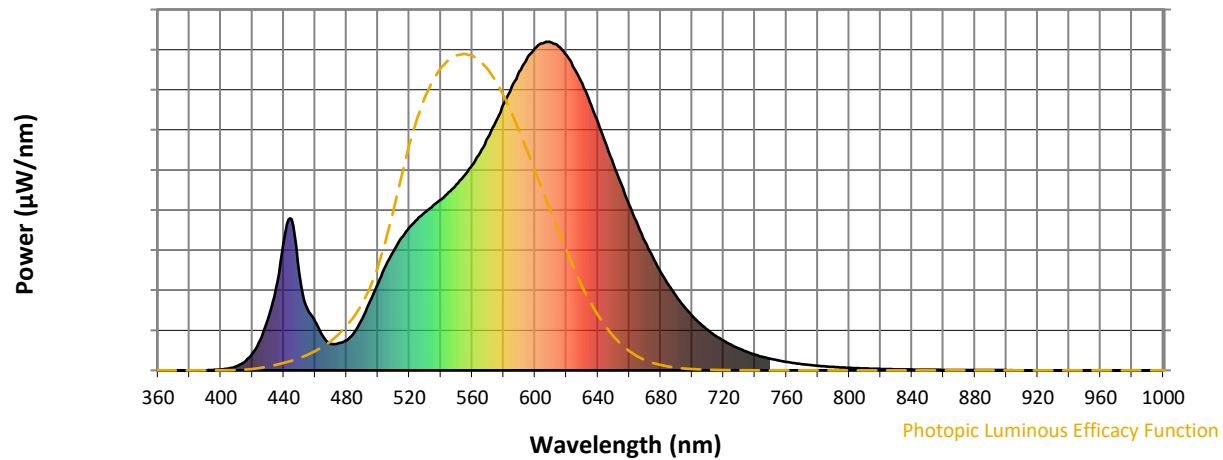
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

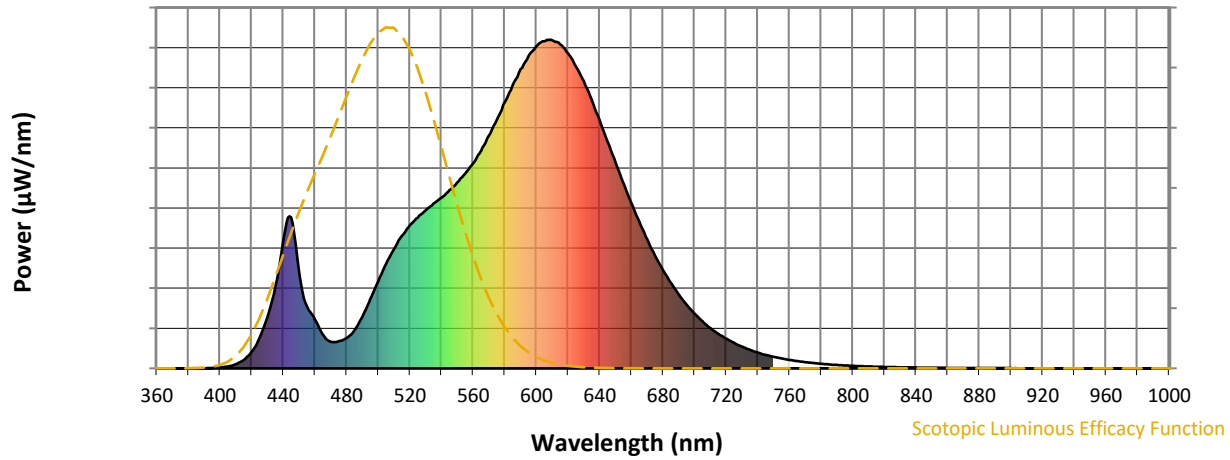


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength



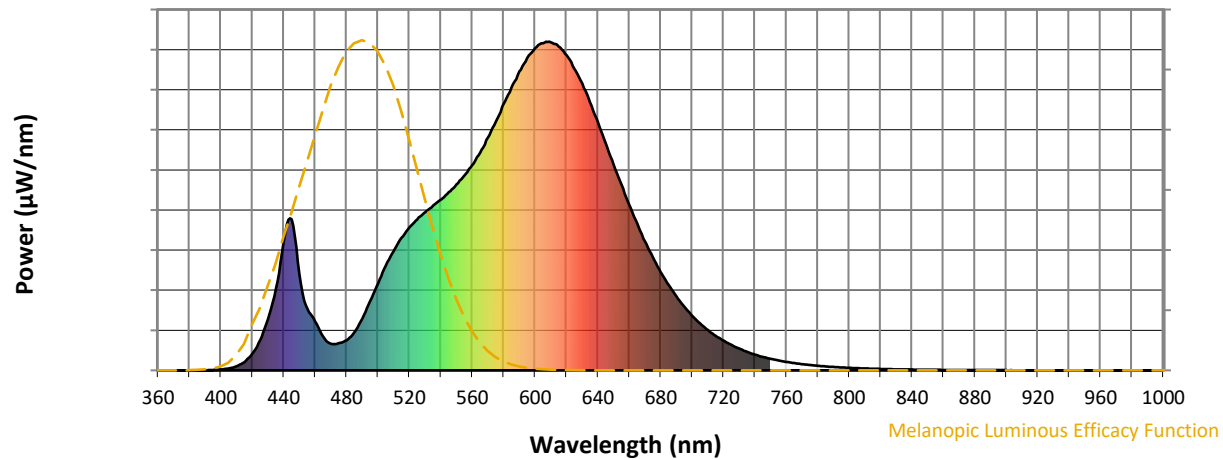
Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

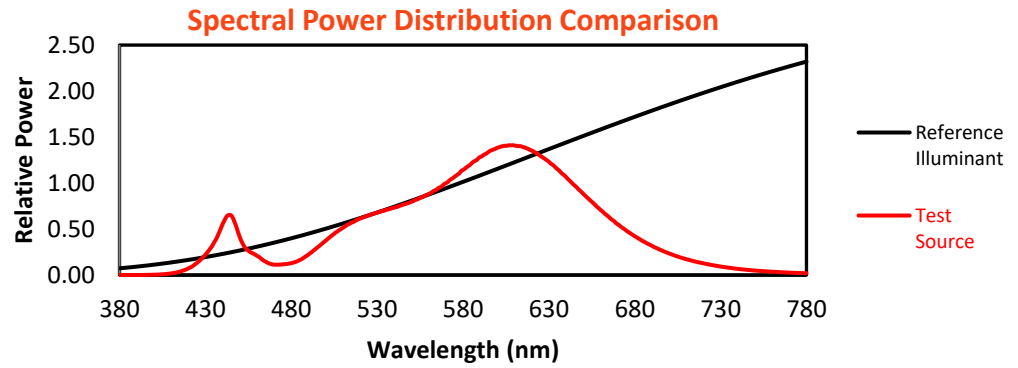
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

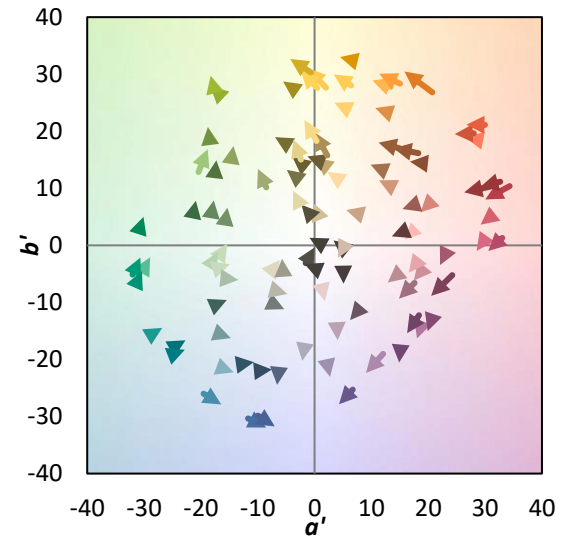
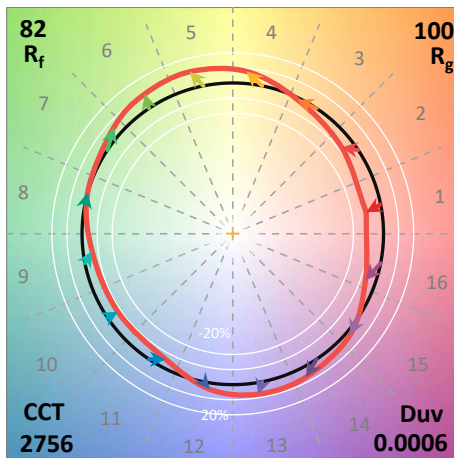
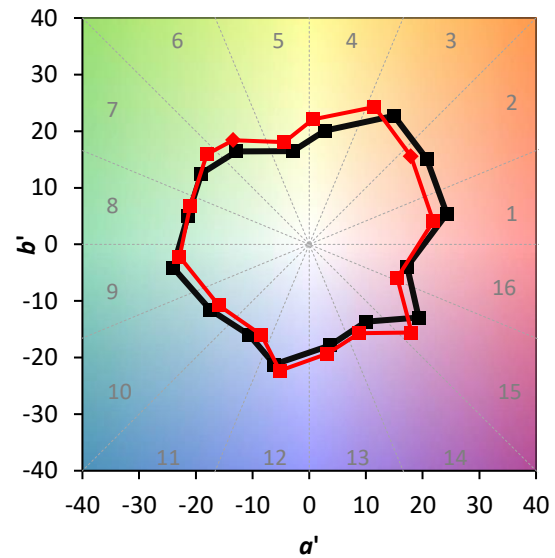
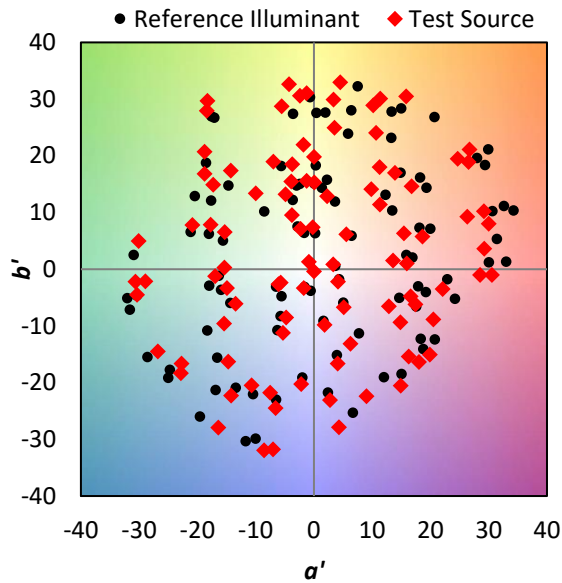
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$

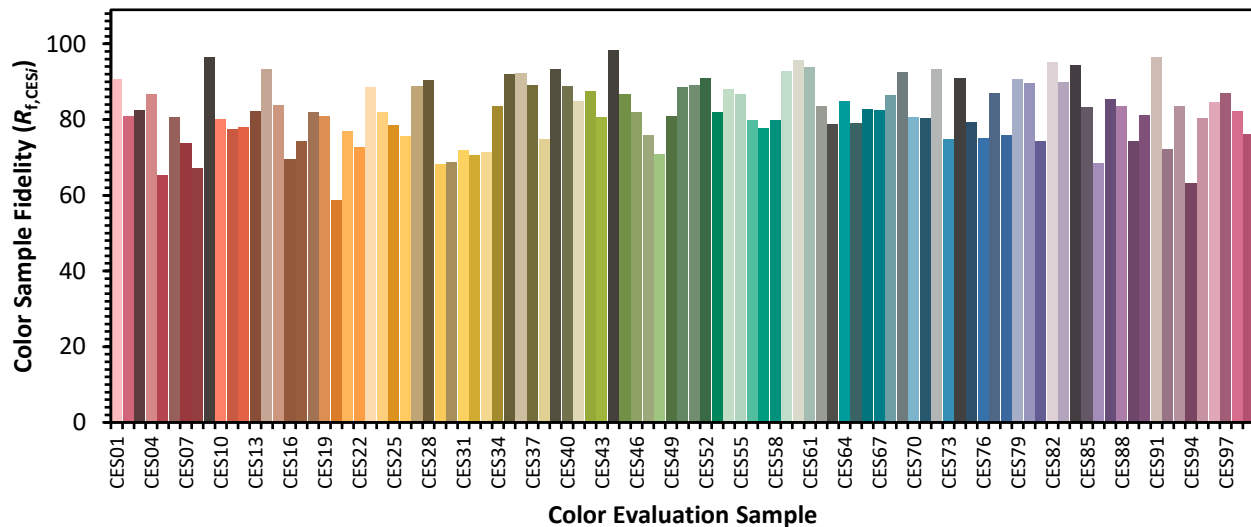


Color Vector Graphics

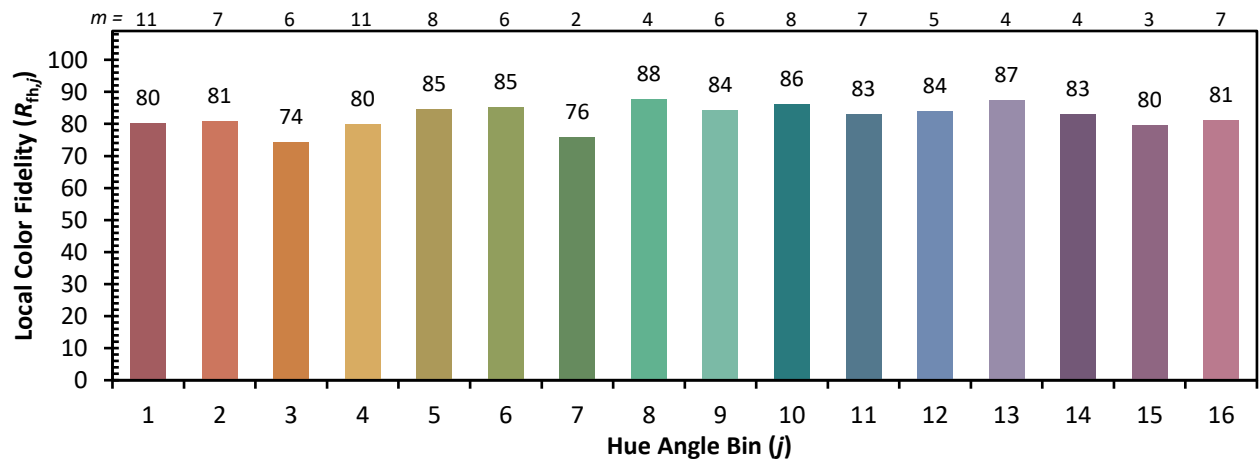
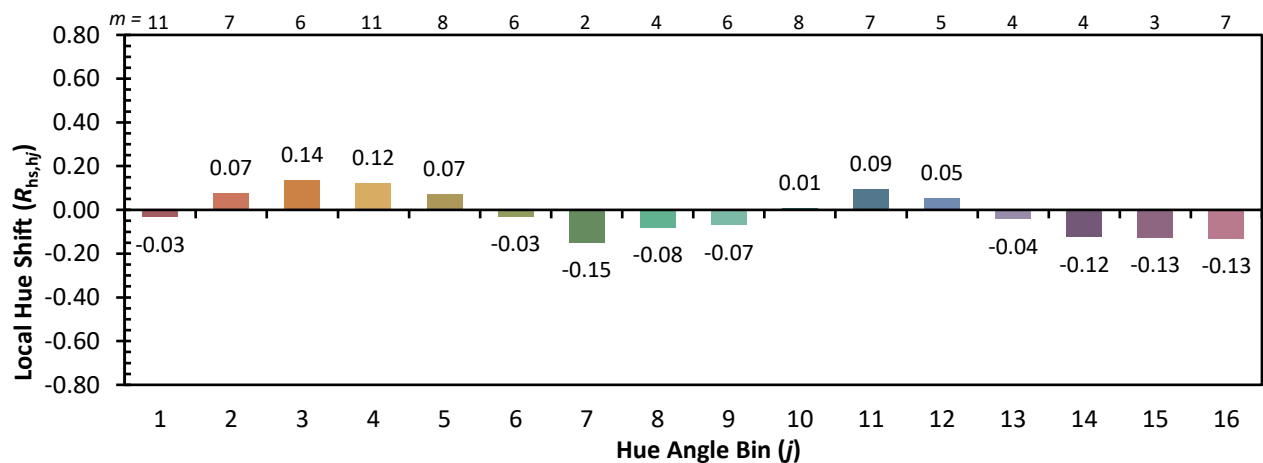
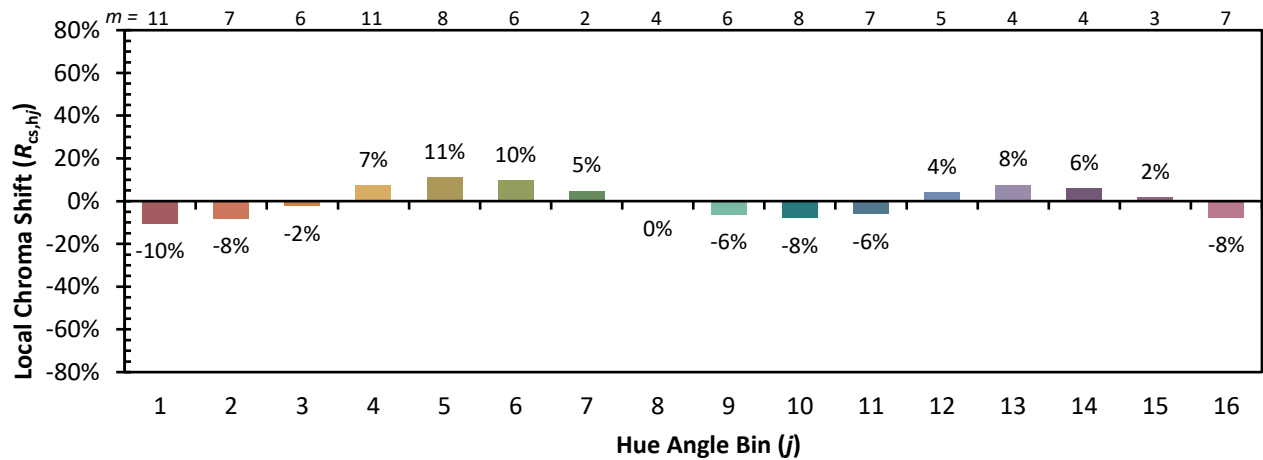


Individual Sample Fidelity Index ($R_{f,i}$)

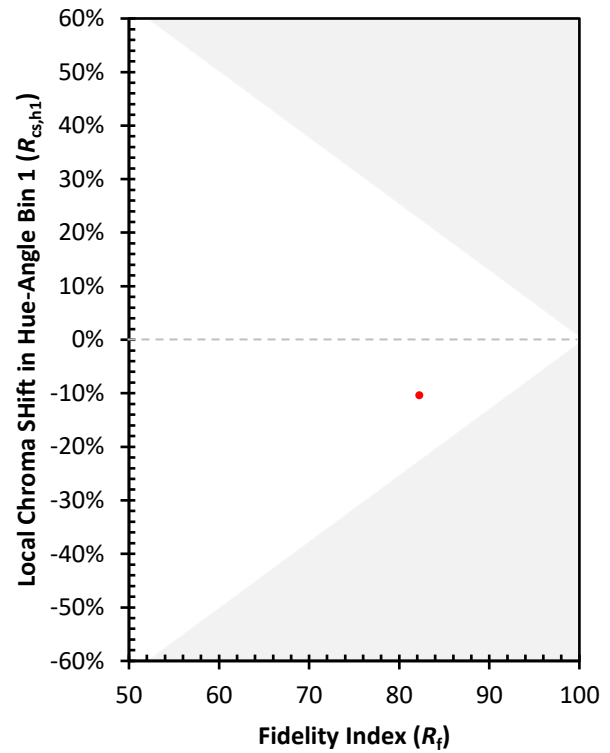
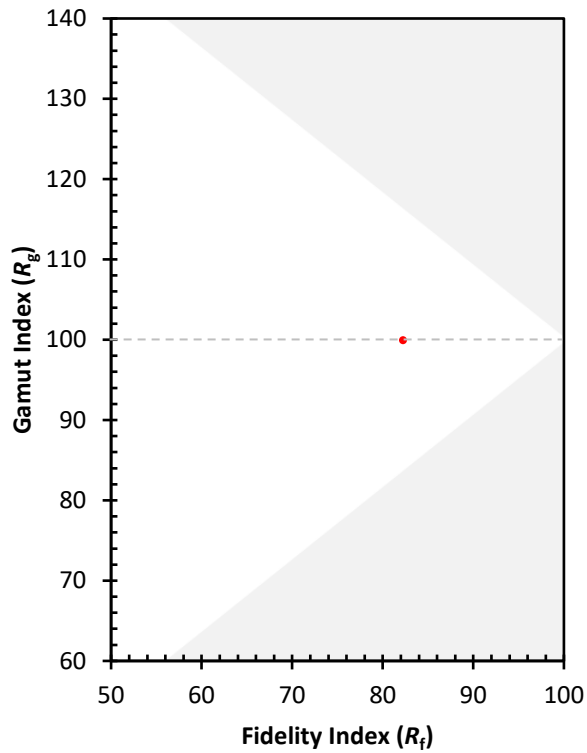
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)