

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: P1049110

Luminaire Tested: **GALN-SA3B-827-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049110
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3B-827-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11030.2 lumens
Efficiency: N/A
Efficacy: 103.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

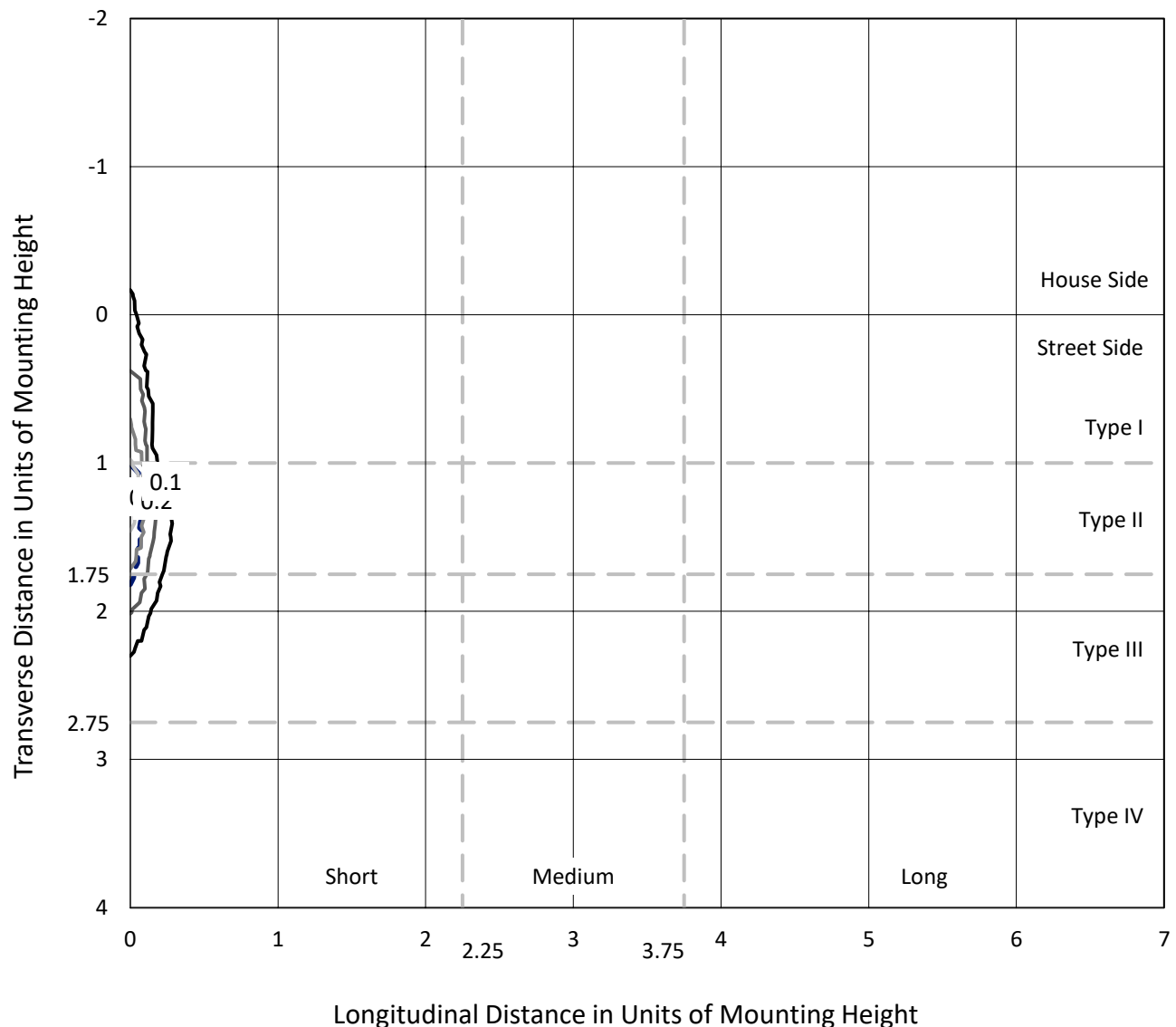
Input Watts (W): 106.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

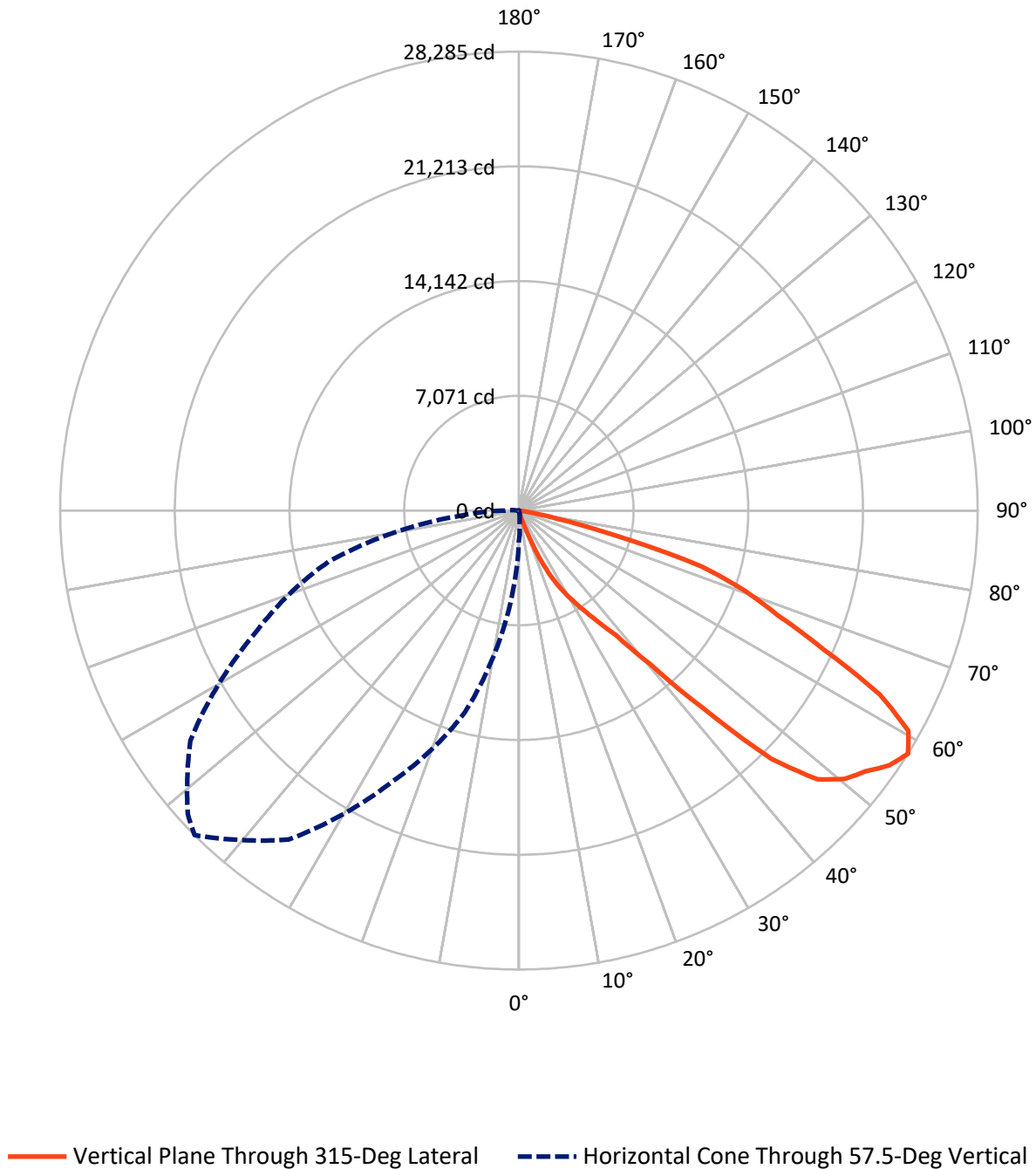
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.6 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	55.2	0.0	55.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	10975.0	0.0	10975.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	11030.2	0.0	11030.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.3	0.0
10°-20°	24.2	0.2
20°-30°	261.4	2.4
30°-40°	773.0	7.0
40°-50°	2303.8	20.9
50°-60°	3652.9	33.1
60°-70°	3049.3	27.6
70°-80°	940.3	8.5
80°-90°	20.9	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°	11030.2	100.0
0°-180°	11030.2	100.0



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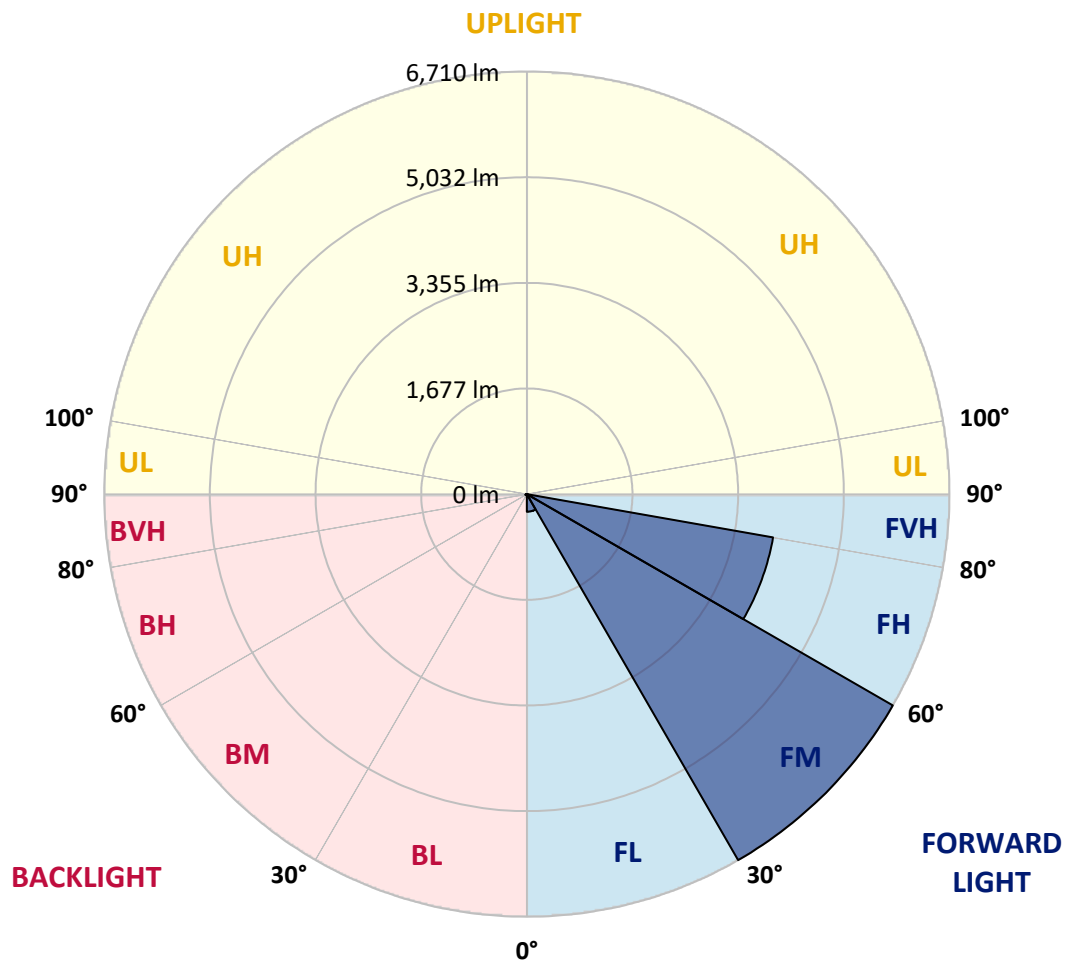
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	279.8	2.5			
FM	(30°-60°)	6710.0	60.8			
FH	(60°-80°)	3969.0	36.0			G2/5000
FVH	(80°-90°)	16.2	0.1			G1/100
BL	(0°-30°)	10.1	0.1	B0/110		
BM	(30°-60°)	19.7	0.2	B0/220		
BH	(60°-80°)	20.6	0.2	B0/110		G0/110
BVH	(80°-90°)	4.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
2.5°	44.2	44.2	44.2	44.2	43.3	43.3	42.5	42.5	41.7	41.7
5°	46.7	46.7	45.8	45.0	45.0	44.2	43.3	42.5	42.5	41.7
7.5°	50.8	50.0	49.2	48.3	46.7	45.8	44.2	43.3	42.5	40.8
10°	55.8	54.2	52.5	50.8	49.2	47.5	45.8	45.0	43.3	42.5
12.5°	62.5	60.0	56.7	54.2	52.5	50.0	48.3	46.7	44.2	42.5
15°	68.4	65.0	60.8	57.5	55.0	51.7	49.2	46.7	45.0	42.5
17.5°	76.7	70.9	64.2	60.0	56.7	52.5	48.3	45.8	43.3	40.0
20°	90.9	79.2	66.7	61.7	56.7	51.7	46.7	43.3	40.8	37.5
22.5°	113.4	93.4	73.4	65.8	59.2	51.7	45.0	41.7	38.3	35.0
25°	156.7	120.9	85.0	75.0	65.0	55.0	45.0	40.8	37.5	33.3
27.5°	208.4	155.0	100.9	86.7	73.4	59.2	45.0	40.0	35.8	30.8
30°	260.9	190.0	118.4	100.0	81.7	63.3	45.0	39.2	34.2	28.3
32.5°	310.9	222.6	133.4	111.7	90.0	67.5	45.8	39.2	32.5	25.8
35°	361.8	249.2	135.9	113.4	90.9	67.5	45.0	37.5	30.8	23.3
37.5°	426.8	279.2	130.9	108.4	86.7	64.2	42.5	35.8	29.2	21.7
40°	525.1	329.2	133.4	110.0	86.7	63.3	40.0	33.3	27.5	20.8
42.5°	706.8	425.9	144.2	117.5	90.9	63.3	36.7	30.8	25.8	20.0
45°	1222.0	707.7	193.4	153.4	113.4	73.4	33.3	28.3	24.2	19.2
47.5°	2021.3	1184.5	347.6	268.4	190.0	110.9	32.5	28.3	24.2	19.2
50°	2579.8	1508.7	437.6	336.8	235.9	135.0	34.2	29.2	25.0	20.0
52.5°	2575.7	1532.1	487.6	374.3	261.7	148.4	35.8	30.8	26.7	21.7
55°	2289.7	1393.7	496.8	381.8	267.6	152.5	38.3	33.3	28.3	23.3
57.5°	1913.8	1183.6	453.4	350.9	249.2	146.7	44.2	38.3	33.3	27.5
60°	1513.7	933.6	353.4	279.2	205.9	131.7	58.3	50.8	44.2	36.7
62.5°	1045.3	676.8	308.4	247.6	187.5	126.7	66.7	59.2	52.5	45.0
65°	739.4	509.3	278.4	226.7	175.9	124.2	72.5	64.2	56.7	48.3
67.5°	552.6	405.1	256.7	212.6	168.4	124.2	80.0	70.0	60.8	50.8
70°	423.4	332.6	240.9	205.1	170.0	134.2	98.4	84.2	70.9	56.7
72.5°	345.1	284.2	222.6	196.7	170.9	145.0	119.2	100.9	82.5	63.3
75°	285.9	243.4	200.9	179.2	158.4	136.7	115.0	98.4	82.5	65.8
77.5°	190.0	173.4	155.9	143.4	130.9	117.5	105.0	90.9	77.5	63.3
80°	66.7	64.2	61.7	66.7	71.7	76.7	81.7	71.7	62.5	52.5
82.5°	10.0	9.2	8.3	9.2	10.0	10.8	11.7	12.5	13.3	14.2
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°	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
0.0	2.5°	40.8	40.8	40.0	40.0	40.0	39.2	39.2	38.3	38.3	38.3
0.0	5°	40.0	40.0	39.2	38.3	37.5	37.5	36.7	35.8	35.8	35.0
0.0	7.5°	39.2	38.3	37.5	36.7	35.8	35.0	34.2	33.3	33.3	32.5
0.0	10°	40.0	38.3	37.5	35.8	35.0	34.2	32.5	31.7	30.8	30.8
0.0	12.5°	38.3	37.5	35.8	34.2	33.3	31.7	30.8	29.2	28.3	28.3
0.0	15°	38.3	36.7	34.2	32.5	30.8	30.0	28.3	26.7	25.8	25.0
0.0	17.5°	35.8	34.2	31.7	30.0	28.3	26.7	25.0	23.3	22.5	21.7
0.0	20°	32.5	30.8	28.3	25.8	24.2	22.5	20.8	19.2	18.3	17.5
0.0	22.5°	29.2	27.5	25.0	22.5	20.8	19.2	16.7	15.0	14.2	12.5
0.0	25°	27.5	25.0	22.5	20.0	17.5	15.8	13.3	10.8	9.2	7.5
0.0	27.5°	23.3	20.8	18.3	15.8	13.3	10.8	8.3	5.8	4.2	3.3
0.0	30°	20.0	17.5	15.0	12.5	9.2	6.7	4.2	0.8	0.8	0.8
0.0	32.5°	16.7	14.2	10.8	8.3	6.7	4.2	2.5	0.0	0.0	0.0
0.0	35°	13.3	10.8	7.5	5.0	4.2	2.5	1.7	0.0	0.0	0.0
0.0	37.5°	11.7	9.2	5.8	2.5	1.7	1.7	0.8	0.0	0.0	0.0
0.0	40°	10.8	7.5	4.2	0.8	0.8	0.8	0.0	0.0	0.0	0.0
0.0	42.5°	10.8	7.5	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	10.8	7.5	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	10.8	7.5	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	11.7	8.3	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	13.3	10.0	6.7	3.3	2.5	1.7	0.8	0.0	0.0	0.0
0.0	55°	16.7	15.0	12.5	10.8	8.3	5.8	2.5	0.0	0.0	0.0
0.0	57.5°	21.7	21.7	20.8	20.0	15.0	10.0	5.0	0.0	0.0	0.0
0.0	60°	29.2	29.2	29.2	29.2	21.7	15.0	7.5	0.0	0.0	0.0
0.0	62.5°	35.8	34.2	31.7	30.0	22.5	15.0	7.5	0.0	0.0	0.0
0.0	65°	35.8	32.5	28.3	24.2	18.3	12.5	5.8	0.0	0.0	0.0
0.0	67.5°	33.3	26.7	19.2	12.5	9.2	6.7	3.3	0.0	0.0	0.0
	70°	33.3	23.3	13.3	3.3	2.5	1.7	0.8	0.0	0.0	0.0
	72.5°	33.3	22.5	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	36.7	25.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	36.7	25.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	32.5	21.7	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	10.8	7.5	3.3	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):

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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°	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
0.0	2.5°	37.5	37.5	37.5	36.7	36.7	36.7	36.7	35.8	35.8	35.8
0.0	5°	34.2	34.2	33.3	33.3	32.5	32.5	31.7	31.7	30.8	30.8
0.0	7.5°	31.7	30.8	30.8	30.0	29.2	29.2	28.3	28.3	27.5	26.7
0.0	10°	29.2	28.3	28.3	27.5	26.7	25.8	25.8	25.0	24.2	23.3
0.0	12.5°	26.7	25.8	25.0	24.2	23.3	22.5	22.5	21.7	20.8	20.0
0.0	15°	23.3	22.5	21.7	20.8	20.0	19.2	19.2	18.3	17.5	16.7
0.0	17.5°	20.0	19.2	19.2	18.3	17.5	16.7	15.8	14.2	13.3	12.5
0.0	20°	15.0	14.2	13.3	12.5	11.7	10.0	9.2	7.5	5.8	5.0
0.0	22.5°	10.0	8.3	7.5	5.8	4.2	3.3	2.5	0.8	0.0	0.0
0.0	25°	3.3	2.5	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA3B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049110

CATALOG NUMBER: GALN-SA3B-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°	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
0.0	2.5°	35.0	35.0	35.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2
0.0	5°	30.0	30.0	30.0	29.2	29.2	28.3	28.3	28.3	27.5	27.5
0.0	7.5°	25.8	25.0	25.0	24.2	24.2	23.3	23.3	23.3	22.5	22.5
0.0	10°	21.7	20.8	20.8	20.0	20.0	19.2	19.2	18.3	18.3	17.5
0.0	12.5°	19.2	18.3	17.5	16.7	16.7	15.8	15.0	15.0	14.2	13.3
0.0	15°	15.0	14.2	13.3	12.5	11.7	10.8	10.0	10.0	9.2	8.3
0.0	17.5°	10.0	8.3	7.5	6.7	6.7	5.8	5.0	4.2	3.3	2.5
0.0	20°	2.5	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049110

CATALOG NUMBER: GALN-SA3B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049110

CATALOG NUMBER: GALN-SA3B-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°	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
0.0	2.5°	34.2	33.3	33.3	33.3	34.2	34.2	34.2	34.2	34.2	34.2
0.0	5°	27.5	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
0.0	7.5°	22.5	21.7	21.7	21.7	21.7	20.8	20.8	20.8	20.8	20.8
0.0	10°	17.5	16.7	16.7	16.7	16.7	15.8	15.8	15.8	15.8	15.8
0.0	12.5°	12.5	12.5	11.7	11.7	11.7	10.8	10.8	10.8	10.8	10.0
0.0	15°	7.5	6.7	5.8	5.8	5.8	5.0	5.0	5.0	5.0	4.2
0.0	17.5°	1.7	1.7	0.8	0.8	0.8	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA3B-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049110

CATALOG NUMBER: GALN-SA3B-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°	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
0.0	2.5°	35.0	35.0	35.8	35.8	36.7	38.3	39.2	40.0	41.7	43.3
0.0	5°	27.5	28.3	28.3	29.2	30.0	30.8	31.7	32.5	34.2	35.8
0.0	7.5°	21.7	21.7	22.5	22.5	23.3	25.0	25.8	26.7	28.3	30.8
0.0	10°	16.7	16.7	17.5	17.5	18.3	20.0	20.8	21.7	23.3	25.8
0.0	12.5°	10.8	11.7	11.7	12.5	13.3	15.0	15.8	16.7	18.3	20.0
0.0	15°	5.0	5.8	5.8	6.7	7.5	9.2	10.0	10.8	12.5	15.0
0.0	17.5°	0.8	0.8	1.7	1.7	2.5	3.3	4.2	5.0	7.5	9.2
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.3
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049110

CATALOG NUMBER: GALN-SA3B-827-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°	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
0.0	2.5°	45.8	47.5	49.2	50.8	52.5	54.2	55.0	56.7	57.5	58.3
0.0	5°	39.2	40.8	43.3	45.0	46.7	48.3	50.0	50.8	51.7	52.5
0.0	7.5°	34.2	35.8	38.3	40.0	41.7	43.3	45.0	46.7	47.5	48.3
0.0	10°	29.2	31.7	33.3	35.8	37.5	39.2	40.8	42.5	44.2	45.0
0.0	12.5°	23.3	25.8	28.3	30.0	32.5	35.0	36.7	38.3	40.0	41.7
0.0	15°	18.3	20.8	23.3	25.0	27.5	30.0	32.5	34.2	35.8	37.5
0.0	17.5°	13.3	15.8	18.3	20.0	22.5	25.0	26.7	29.2	30.8	32.5
0.0	20°	6.7	9.2	11.7	14.2	16.7	19.2	20.8	23.3	25.0	26.7
0.0	22.5°	0.8	3.3	5.8	7.5	10.0	12.5	14.2	16.7	18.3	20.0
0.0	25°	0.0	0.8	2.5	3.3	4.2	5.8	7.5	9.2	10.8	12.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.8	1.7	3.3	5.0	6.7
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.7
	85°	0.0	0.0	0.0	0.0	0.0	1.7	2.5	4.2	5.0	5.8
	87.5°	0.0	0.8	1.7	2.5	3.3	5.0	6.7	8.3	9.2	10.0
	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: P1049110

CATALOG NUMBER: GALN-SA3B-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
48.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	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											
0.0											
0.0											
0.0											
0.8											
3.3											
7.5											
10.8											
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REPORT NUMBER: P1049110

CATALOG NUMBER: GALN-SA3B-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°	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
0.0	2.5°	59.2	59.2	59.2	59.2	58.3	58.3	58.3	57.5	57.5	56.7
0.0	5°	54.2	55.0	55.0	55.0	55.0	55.0	55.0	55.0	54.2	54.2
0.0	7.5°	50.0	50.8	51.7	51.7	52.5	52.5	52.5	51.7	51.7	50.8
0.0	10°	47.5	48.3	48.3	49.2	49.2	49.2	49.2	49.2	49.2	49.2
0.0	12.5°	44.2	45.0	45.8	45.8	46.7	46.7	46.7	46.7	45.8	45.8
0.0	15°	40.0	41.7	42.5	43.3	43.3	44.2	44.2	44.2	44.2	44.2
0.0	17.5°	36.7	38.3	39.2	40.0	40.0	40.8	40.8	41.7	41.7	41.7
0.0	20°	30.0	31.7	32.5	34.2	35.0	35.8	36.7	37.5	37.5	38.3
0.0	22.5°	23.3	25.0	25.8	27.5	28.3	29.2	30.0	30.8	31.7	32.5
0.0	25°	16.7	18.3	19.2	20.8	21.7	22.5	23.3	24.2	24.2	25.0
0.0	27.5°	9.2	10.8	12.5	13.3	15.0	15.8	16.7	17.5	18.3	19.2
0.0	30°	4.2	5.0	5.8	7.5	8.3	9.2	10.0	11.7	12.5	13.3
0.0	32.5°	0.0	0.0	0.8	2.5	3.3	4.2	5.0	5.8	5.8	6.7
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.7	2.5	3.3
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°	1.7	1.7	1.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5
0.0	82.5°	4.2	5.0	5.8	5.8	6.7	6.7	6.7	6.7	5.8	5.8
0.0	85°	8.3	9.2	10.0	10.0	10.8	10.8	10.8	10.8	10.8	10.8
0.0	87.5°	11.7	12.5	13.3	13.3	14.2	14.2	14.2	14.2	14.2	14.2
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: P1049110

CATALOG NUMBER: GALN-SA3B-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
48.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.3	145°	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
1.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	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	172.5°	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	177.5°	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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2.5										
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REPORT NUMBER: P1049110

CATALOG NUMBER: GALN-SA3B-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°	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
0.0	2.5°	55.8	55.8	55.0	55.0	55.0	55.0	55.0	55.8	56.7	56.7
0.0	5°	53.3	53.3	52.5	52.5	52.5	53.3	53.3	54.2	55.0	55.8
0.0	7.5°	50.8	50.0	50.0	50.8	50.8	51.7	51.7	52.5	53.3	54.2
0.0	10°	49.2	48.3	48.3	48.3	49.2	49.2	50.0	50.8	51.7	52.5
0.0	12.5°	45.8	45.8	45.8	45.8	46.7	46.7	47.5	48.3	50.0	50.8
0.0	15°	44.2	43.3	43.3	43.3	43.3	44.2	44.2	45.8	47.5	48.3
0.0	17.5°	40.8	40.8	40.0	40.0	40.8	40.8	41.7	43.3	45.0	45.8
0.0	20°	37.5	36.7	35.8	35.8	36.7	36.7	37.5	39.2	40.8	41.7
0.0	22.5°	32.5	31.7	31.7	31.7	31.7	32.5	32.5	34.2	36.7	38.3
0.0	25°	25.8	26.7	26.7	27.5	27.5	28.3	29.2	30.8	33.3	35.0
0.0	27.5°	20.0	20.8	20.8	22.5	23.3	24.2	25.0	27.5	30.0	31.7
0.0	30°	15.0	15.8	16.7	17.5	19.2	20.8	22.5	25.0	27.5	29.2
0.0	32.5°	9.2	10.8	11.7	13.3	15.0	16.7	18.3	20.8	24.2	26.7
0.0	35°	6.7	7.5	9.2	10.0	11.7	13.3	15.0	18.3	20.8	24.2
0.0	37.5°	3.3	5.0	6.7	8.3	10.0	11.7	13.3	16.7	20.0	22.5
0.0	40°	2.5	4.2	5.0	6.7	9.2	10.8	12.5	15.8	19.2	22.5
0.0	42.5°	1.7	2.5	3.3	5.8	7.5	10.0	12.5	15.8	19.2	22.5
0.0	45°	1.7	1.7	2.5	5.0	7.5	10.8	13.3	16.7	19.2	22.5
0.0	47.5°	1.7	2.5	3.3	6.7	8.3	10.8	13.3	15.8	19.2	21.7
0.0	50°	2.5	3.3	4.2	7.5	9.2	11.7	13.3	16.7	19.2	22.5
0.0	52.5°	1.7	2.5	3.3	6.7	9.2	12.5	15.0	18.3	21.7	24.2
0.0	55°	0.8	0.8	0.8	5.0	10.0	14.2	19.2	21.7	25.0	27.5
0.0	57.5°	0.0	0.0	0.0	3.3	10.0	15.8	21.7	25.0	28.3	30.8
0.0	60°	0.0	0.0	0.0	3.3	10.0	15.8	21.7	25.8	30.0	34.2
0.0	62.5°	0.0	0.0	0.0	3.3	8.3	13.3	18.3	25.0	32.5	39.2
0.0	65°	0.0	0.0	0.0	2.5	6.7	10.8	15.0	25.0	35.0	44.2
0.0	67.5°	0.0	0.0	0.0	2.5	6.7	10.0	14.2	25.0	35.0	45.8
	70°	0.0	0.0	0.0	2.5	6.7	10.8	15.0	25.0	35.0	45.0
	72.5°	0.0	0.0	0.0	2.5	7.5	11.7	16.7	25.0	33.3	41.7
	75°	0.0	0.0	0.0	3.3	7.5	12.5	17.5	25.0	32.5	39.2
	77.5°	0.0	0.0	0.0	2.5	7.5	11.7	16.7	24.2	31.7	38.3
	80°	2.5	1.7	1.7	4.2	7.5	10.8	14.2	21.7	30.0	37.5
	82.5°	5.0	5.0	4.2	5.8	7.5	10.0	12.5	19.2	26.7	33.3
	85°	10.0	10.0	9.2	10.0	10.0	10.8	11.7	15.0	18.3	21.7
	87.5°	13.3	13.3	12.5	12.5	12.5	11.7	11.7	11.7	11.7	10.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049110

CATALOG NUMBER: GALN-SA3B-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
48.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.0											
50.0											
46.7											
45.8											
45.0											
40.0											
25.0											
10.8											
0.0											
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REPORT NUMBER: P1049110

CATALOG NUMBER: GALN-SA3B-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°	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
0.0	2.5°	58.3	59.2	59.2	60.0	60.8	61.7	61.7	62.5	62.5	62.5
0.0	5°	57.5	59.2	60.0	60.8	61.7	62.5	63.3	64.2	65.0	65.0
0.0	7.5°	56.7	57.5	59.2	60.0	61.7	62.5	64.2	65.0	65.8	66.7
0.0	10°	55.0	56.7	58.3	60.0	61.7	63.3	65.0	66.7	68.4	69.2
0.0	12.5°	53.3	55.8	57.5	59.2	61.7	64.2	65.8	68.4	70.0	71.7
0.0	15°	52.5	54.2	56.7	58.3	61.7	65.0	67.5	70.9	74.2	76.7
0.0	17.5°	50.0	53.3	55.8	58.3	61.7	65.8	69.2	72.5	77.5	82.5
0.0	20°	46.7	49.2	52.5	55.0	60.0	64.2	69.2	73.4	80.9	88.4
0.0	22.5°	43.3	46.7	49.2	52.5	58.3	63.3	69.2	74.2	86.7	98.4
0.0	25°	40.0	44.2	47.5	50.8	57.5	64.2	70.9	77.5	98.4	119.2
0.0	27.5°	38.3	41.7	45.8	49.2	57.5	66.7	75.0	83.4	116.7	149.2
0.0	30°	35.8	40.0	43.3	47.5	58.3	69.2	80.0	90.9	141.7	192.5
0.0	32.5°	33.3	37.5	41.7	45.8	60.0	74.2	87.5	101.7	168.4	234.2
0.0	35°	30.8	35.8	40.0	44.2	62.5	81.7	100.0	118.4	192.5	265.9
0.0	37.5°	30.0	35.0	39.2	43.3	63.3	82.5	102.5	121.7	195.0	268.4
0.0	40°	30.8	35.0	40.0	44.2	60.8	77.5	93.4	110.0	186.7	262.6
0.0	42.5°	30.8	35.8	40.8	45.8	59.2	72.5	85.9	99.2	184.2	269.2
0.0	45°	30.0	35.0	40.0	45.0	57.5	69.2	81.7	93.4	199.2	304.2
0.0	47.5°	29.2	34.2	39.2	44.2	56.7	69.2	81.7	94.2	257.6	420.1
0.0	50°	29.2	34.2	38.3	42.5	57.5	73.4	88.4	103.4	375.1	646.0
0.0	52.5°	30.8	35.0	38.3	41.7	59.2	77.5	95.0	112.5	476.8	840.2
0.0	55°	33.3	35.8	39.2	41.7	63.3	84.2	105.9	126.7	507.6	888.6
0.0	57.5°	36.7	39.2	41.7	44.2	70.9	97.5	123.4	150.0	510.1	869.4
0.0	60°	40.8	44.2	46.7	49.2	77.5	106.7	135.0	163.4	461.8	759.4
0.0	62.5°	50.0	54.2	57.5	61.7	89.2	115.9	143.4	170.0	383.4	596.8
0.0	65°	57.5	60.8	64.2	67.5	94.2	121.7	148.4	175.0	325.1	475.1
0.0	67.5°	59.2	62.5	65.0	68.4	95.9	123.4	150.0	177.5	278.4	378.4
	70°	60.0	64.2	69.2	73.4	101.7	130.0	157.5	185.9	246.7	307.6
	72.5°	57.5	65.8	73.4	80.9	107.5	133.4	160.0	185.9	229.2	272.6
	75°	57.5	69.2	80.0	90.9	110.9	130.0	150.0	169.2	202.6	235.9
	77.5°	60.8	75.9	90.9	105.9	117.5	128.4	140.0	150.9	172.5	194.2
	80°	60.8	76.7	91.7	107.5	112.5	118.4	123.4	128.4	130.9	133.4
	82.5°	52.5	65.0	77.5	90.0	84.2	78.4	72.5	66.7	62.5	57.5
	85°	26.7	29.2	30.8	32.5	30.0	27.5	25.0	22.5	20.8	18.3
	87.5°	10.8	10.8	10.0	10.0	10.0	10.0	9.2	9.2	9.2	9.2
	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: P1049110

CATALOG NUMBER: GALN-SA3B-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
48.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
246.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
334.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
417.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
474.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
516.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
559.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
642.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
809.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1233.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1889.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2378.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2433.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2195.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1877.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1467.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1108.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
818.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
579.3											
430.9											
313.4											
235.9											
132.5											
60.0											
17.5											
8.3											
0.0											
0.0											
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REPORT NUMBER: P1049110

CATALOG NUMBER: GALN-SA3B-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°	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
0.0	2.5°	62.5	61.7	61.7	60.8	60.0	59.2	58.3	57.5	56.7	55.8
0.0	5°	65.0	65.0	65.0	64.2	64.2	63.3	63.3	62.5	61.7	60.8
0.0	7.5°	67.5	68.4	68.4	69.2	69.2	69.2	69.2	68.4	68.4	68.4
0.0	10°	71.7	72.5	73.4	74.2	75.0	75.9	75.9	76.7	76.7	76.7
0.0	12.5°	76.7	79.2	80.9	83.4	85.0	87.5	89.2	91.7	93.4	95.0
0.0	15°	84.2	88.4	93.4	97.5	101.7	107.5	114.2	120.0	125.9	135.0
0.0	17.5°	95.0	108.4	121.7	134.2	147.5	176.7	205.9	234.2	263.4	305.9
0.0	20°	115.9	155.9	195.0	235.1	274.2	376.8	478.5	581.0	682.7	791.9
0.0	22.5°	162.5	260.9	359.3	457.6	556.0	770.2	983.6	1197.8	1411.2	1662.1
0.0	25°	235.9	416.8	597.7	777.7	958.6	1293.7	1629.6	1964.7	2299.7	2625.7
0.0	27.5°	343.4	620.2	896.9	1172.8	1449.5	1903.8	2358.9	2813.2	3267.5	3635.9
0.0	30°	476.0	851.0	1226.1	1601.2	1976.3	2493.1	3009.9	3525.9	4042.7	4445.3
0.0	32.5°	601.0	1060.3	1519.6	1978.0	2437.3	3025.8	3615.1	4203.6	4792.0	5232.2
0.0	35°	682.7	1237.8	1793.8	2348.9	2904.1	3540.9	4177.7	4813.7	5450.5	5953.2
0.0	37.5°	764.4	1405.4	2045.5	2686.5	3326.7	4026.0	4725.4	5424.7	6124.0	6745.0
0.0	40°	856.0	1607.9	2358.9	3110.8	3861.8	4690.4	5518.1	6346.6	7174.3	8050.4
0.0	42.5°	1015.3	1943.8	2873.2	3801.8	4730.4	5826.5	6922.6	8017.9	9114.0	10364.3
0.0	45°	1314.5	2623.2	3932.7	5241.3	6550.0	8002.0	9454.9	10906.9	12359.0	14022.7
0.0	47.5°	2047.2	3847.6	5647.3	7447.7	9247.3	10815.2	12382.3	13950.2	15517.3	17174.3
0.0	50°	3132.5	5228.0	7323.5	9418.2	11513.7	12932.4	14350.3	15769.0	17186.8	18763.1
0.0	52.5°	3917.7	6100.7	8284.6	10467.6	12650.7	13931.0	15212.2	16492.5	17772.8	19245.7
0.0	55°	3976.8	6147.4	8318.8	10489.3	12659.9	13946.0	15232.2	16518.3	17804.5	19365.7
0.0	57.5°	3520.9	5673.9	7826.1	9979.2	12131.4	13595.9	15059.6	16524.2	17987.9	19675.8
0.0	60°	2994.9	5148.8	7301.8	9455.7	11608.8	13295.9	14983.8	16670.9	18358.0	19939.2
0.0	62.5°	2336.4	4552.0	6768.4	8983.9	11199.5	12912.4	14625.4	16337.5	18050.4	19236.5
0.0	65°	1741.3	3892.6	6044.0	8194.6	10345.9	11718.0	13090.0	14461.2	15833.2	16567.5
0.0	67.5°	1258.7	3114.1	4968.8	6824.2	8678.9	9660.8	10642.7	11623.8	12605.7	13167.5
	70°	851.0	2136.4	3420.9	4706.2	5990.7	6797.5	7605.3	8412.1	9219.0	9977.5
	72.5°	589.3	1311.2	2033.8	2755.7	3477.5	4289.4	5100.5	5912.3	6723.4	7526.1
	75°	390.9	719.3	1048.6	1377.0	1705.4	2306.4	2908.2	3509.2	4110.2	4588.7
	77.5°	277.6	375.9	475.1	573.5	671.8	784.4	897.7	1010.3	1122.8	1293.7
	80°	131.7	144.2	156.7	168.4	180.9	221.7	262.6	303.4	344.3	387.6
	82.5°	62.5	67.5	72.5	76.7	81.7	85.9	90.0	94.2	98.4	94.2
	85°	16.7	16.7	17.5	17.5	17.5	17.5	17.5	17.5	17.5	16.7
	87.5°	7.5	7.5	7.5	7.5	7.5	7.5	7.5	6.7	6.7	5.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
48.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
347.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
901.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1913.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2951.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4004.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4848.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5673.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6455.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7366.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8926.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11614.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15686.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18831.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20339.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20718.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20927.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21363.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21519.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20423.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17302.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13730.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10735.2											
8328.8											
5067.1											
1464.5											
430.9											
89.2											
15.8											
5.8											
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°	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
0.0	2.5°	54.2	53.3	52.5	51.7	50.8	49.2	49.2	48.3	48.3
0.0	5°	59.2	58.3	57.5	56.7	56.7	55.8	55.0	55.0	54.2
0.0	7.5°	67.5	66.7	65.8	65.0	65.0	64.2	64.2	63.3	63.3
0.0	10°	77.5	77.5	77.5	77.5	77.5	76.7	76.7	76.7	75.9
0.0	12.5°	97.5	98.4	100.0	101.7	104.2	104.2	104.2	103.4	103.4
0.0	15°	154.2	163.4	170.0	176.7	182.5	195.9	194.2	191.7	190.0
0.0	17.5°	390.1	431.8	454.3	476.0	498.5	560.1	550.1	540.1	531.0
0.0	20°	1011.1	1120.3	1192.8	1265.3	1338.7	1454.5	1426.2	1397.9	1369.5
0.0	22.5°	2163.0	2413.9	2523.1	2632.3	2740.7	2880.7	2789.9	2699.0	2609.0
0.0	25°	3276.7	3602.6	3786.8	3971.0	4154.4	4234.4	4116.0	3996.8	3878.5
0.0	27.5°	4372.8	4741.2	4903.7	5065.4	5228.0	5395.5	5248.8	5101.3	4954.6
0.0	30°	5251.3	5653.9	5829.8	6004.8	6180.7	6297.4	6145.7	5993.2	5841.5
0.0	32.5°	6113.2	6553.3	6745.9	6938.4	7130.1	7297.7	7111.0	6923.4	6736.7
0.0	35°	6957.6	7460.2	7725.3	7990.4	8255.4	8411.3	8189.6	7967.0	7745.3
0.0	37.5°	7987.8	8608.8	8905.6	9202.3	9499.1	9783.3	9539.1	9294.0	9049.8
0.0	40°	9802.5	10678.5	11133.6	11589.6	12044.7	12411.5	12103.1	11794.6	11486.2
0.0	42.5°	12864.9	14115.2	14769.6	15423.1	16077.4	16650.0	16325.8	16001.5	15677.3
0.0	45°	17350.2	19014.0	19811.7	20608.5	21406.2	21824.7	21357.9	20890.3	20423.5
0.0	47.5°	20487.7	22144.8	22854.9	23565.1	24275.3	24752.9	24181.9	23611.0	23040.8
0.0	50°	21914.7	23490.9	24203.6	24915.5	25628.1	26007.4	25348.1	24687.9	24028.6
0.0	52.5°	22190.6	23663.5	24513.7	25364.7	26215.0	26721.7	25943.2	25163.9	24385.3
0.0	55°	22489.0	24050.2	25036.3	26023.2	27009.3	27711.2	26830.9	25949.9	25069.7
0.0	57.5°	23050.8	24738.7	25722.3	26705.1	27688.7	28284.6	27401.9	26518.4	25635.6
0.0	60°	23100.8	24681.2	25526.4	26372.5	27217.7	27592.8	26748.4	25903.2	25058.8
0.0	62.5°	21609.6	22795.8	23382.6	23969.4	24556.2	24963.8	24082.7	23200.9	22319.8
0.0	65°	18037.1	18771.4	19239.0	19706.6	20174.3	20660.2	19853.3	19046.5	18239.6
0.0	67.5°	14291.9	14853.7	15469.7	16085.7	16701.7	17221.0	16575.0	15928.2	15282.2
	70°	11493.7	12251.4	12944.1	13636.8	14329.5	14754.6	14106.1	13456.7	12808.2
	72.5°	9131.5	9934.2	10512.7	11090.3	11668.8	11773.0	11296.2	10819.4	10343.4
	75°	5544.7	6023.2	6034.9	6045.7	6057.4	6156.6	5761.5	5366.4	4972.1
	77.5°	1635.4	1806.3	1947.2	2087.2	2228.1	2398.1	2253.1	2107.2	1962.2
	80°	473.5	516.8	553.5	589.3	626.0	604.3	570.1	536.0	501.8
	82.5°	85.0	80.0	79.2	78.4	78.4	74.2	67.5	60.8	54.2
	85°	15.0	14.2	13.3	12.5	11.7	10.8	9.2	8.3	6.7
	87.5°	5.0	4.2	3.3	2.5	2.5	0.8	0.8	0.8	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049110

CATALOG NUMBER: GALN-SA3B-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°	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
0.0	0.0	2.5°	47.5	46.7	46.7	46.7	46.7	45.8	45.8	45.8	45.8
0.0	0.0	5°	52.5	52.5	51.7	51.7	50.8	50.8	50.0	50.0	49.2
0.0	0.0	7.5°	61.7	60.8	60.0	59.2	58.3	56.7	55.8	55.0	55.0
0.0	0.0	10°	74.2	72.5	71.7	70.0	69.2	67.5	65.8	64.2	62.5
0.0	0.0	12.5°	97.5	94.2	91.7	88.4	85.0	82.5	79.2	76.7	73.4
0.0	0.0	15°	169.2	160.9	151.7	140.9	129.2	118.4	106.7	100.0	92.5
0.0	0.0	17.5°	432.6	389.3	345.1	309.2	273.4	238.4	202.6	176.7	150.9
0.0	0.0	20°	1101.1	981.1	861.1	742.7	623.5	505.1	385.9	325.9	265.9
0.0	0.0	22.5°	2072.2	1849.6	1626.2	1410.4	1193.6	977.7	761.9	626.0	491.0
0.0	0.0	25°	3198.3	2918.2	2638.2	2283.1	1927.2	1572.1	1217.0	996.1	775.2
0.0	0.0	27.5°	4161.9	3839.3	3516.7	3084.9	2653.2	2221.4	1789.6	1460.4	1132.0
0.0	0.0	30°	4996.3	4649.5	4302.8	3800.1	3297.5	2794.9	2292.2	1880.5	1468.7
0.0	0.0	32.5°	5719.8	5304.7	4889.6	4371.1	3852.6	3334.2	2815.7	2310.6	1805.5
0.0	0.0	35°	6554.2	6069.9	5584.7	5009.6	4433.6	3858.5	3283.3	2713.2	2142.2
0.0	0.0	37.5°	7614.4	7020.1	6425.0	5784.0	5143.0	4502.8	3861.8	3210.0	2558.1
0.0	0.0	40°	9644.1	8877.2	8110.4	7296.0	6480.8	5666.4	4852.1	4051.9	3251.7
0.0	0.0	42.5°	13280.9	12244.8	11208.7	10125.1	9040.6	7957.0	6872.6	5743.9	4614.5
0.0	0.0	45°	17385.2	16099.9	14813.7	13597.6	12380.6	11164.5	9948.3	8399.6	6850.9
0.0	0.0	47.5°	19693.3	18305.5	16917.6	15766.5	14615.4	13464.2	12313.1	10643.5	8973.9
0.0	0.0	50°	20542.7	19129.8	17717.0	16657.5	15597.3	14537.8	13477.6	11805.5	10132.6
0.0	0.0	52.5°	20723.6	19282.4	17841.2	16775.1	15709.0	14643.7	13577.6	11916.3	10255.1
0.0	0.0	55°	21095.3	19549.1	18002.0	16786.7	15571.4	14356.1	13140.8	11452.9	9765.0
0.0	0.0	57.5°	21581.3	19995.9	18410.5	17026.0	15641.4	14257.8	12873.2	11027.8	9182.3
0.0	0.0	60°	21453.7	20074.2	18693.9	17211.0	15727.3	14244.4	12760.7	10731.0	8700.5
0.0	0.0	62.5°	19239.9	18141.2	17041.8	15822.3	14602.0	13382.5	12163.1	10073.4	7983.7
0.0	0.0	65°	15828.2	15026.3	14224.4	13243.3	12261.4	11280.3	10299.3	8425.5	6552.5
0.0	0.0	67.5°	12828.2	11924.7	11020.3	10238.4	9455.7	8673.9	7891.2	6416.6	4942.1
		70°	10191.7	9209.0	8225.4	7461.9	6697.5	5934.0	5170.5	4190.2	3210.8
		72.5°	8093.7	7207.7	6321.6	5507.2	4692.0	3877.6	3062.4	2483.1	1903.8
		75°	3868.5	3514.2	3160.0	2734.0	2308.1	1882.1	1456.2	1203.6	951.9
		77.5°	1433.7	1242.8	1051.1	877.7	704.3	531.8	358.4	328.4	298.4
		80°	370.9	323.4	275.1	240.9	205.9	171.7	137.5	124.2	111.7
		82.5°	42.5	39.2	36.7	35.0	32.5	30.8	28.3	25.8	23.3
		85°	2.5	1.7	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: P1049110

CATALOG NUMBER: GALN-SA3B-827-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	48.3	48.3
0.0	0.0	2.5°	45.0	44.2
0.0	0.0	5°	47.5	46.7
0.0	0.0	7.5°	52.5	50.8
0.0	0.0	10°	57.5	55.8
0.0	0.0	12.5°	65.0	62.5
0.0	0.0	15°	73.4	68.4
0.0	0.0	17.5°	87.5	76.7
0.0	0.0	20°	118.4	90.9
0.0	0.0	22.5°	166.7	113.4
0.0	0.0	25°	245.1	156.7
0.0	0.0	27.5°	340.9	208.4
0.0	0.0	30°	453.4	260.9
0.0	0.0	32.5°	552.6	310.9
0.0	0.0	35°	681.8	361.8
0.0	0.0	37.5°	841.0	426.8
0.0	0.0	40°	1087.8	525.1
0.0	0.0	42.5°	1532.1	706.8
0.0	0.0	45°	2488.1	1222.0
0.0	0.0	47.5°	3828.5	2021.3
0.0	0.0	50°	4683.7	2579.8
0.0	0.0	52.5°	4753.7	2575.7
0.0	0.0	55°	4339.4	2289.7
0.0	0.0	57.5°	3702.6	1913.8
0.0	0.0	60°	3077.4	1513.7
0.0	0.0	62.5°	2424.8	1045.3
0.0	0.0	65°	1772.1	739.4
0.0	0.0	67.5°	1272.8	552.6
		70°	836.9	423.4
		72.5°	545.1	345.1
		75°	366.8	285.9
		77.5°	214.2	190.0
		80°	75.9	66.7
		82.5°	14.2	10.0
		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: P1049110

CATALOG NUMBER: GALN-SA3B-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

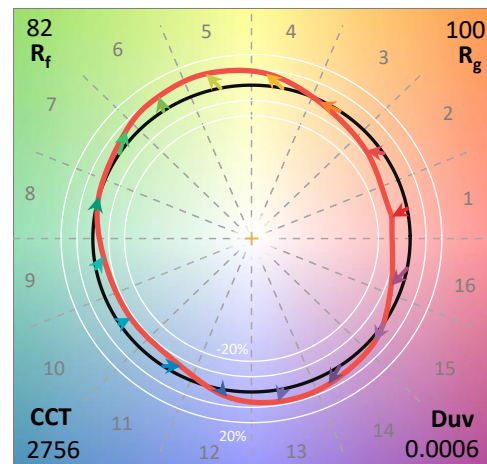
Test Information

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

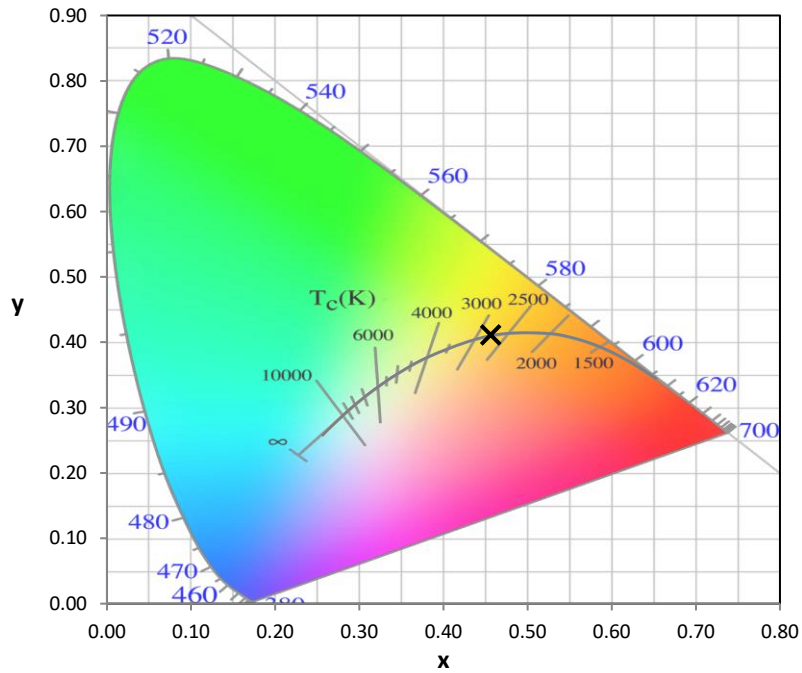
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

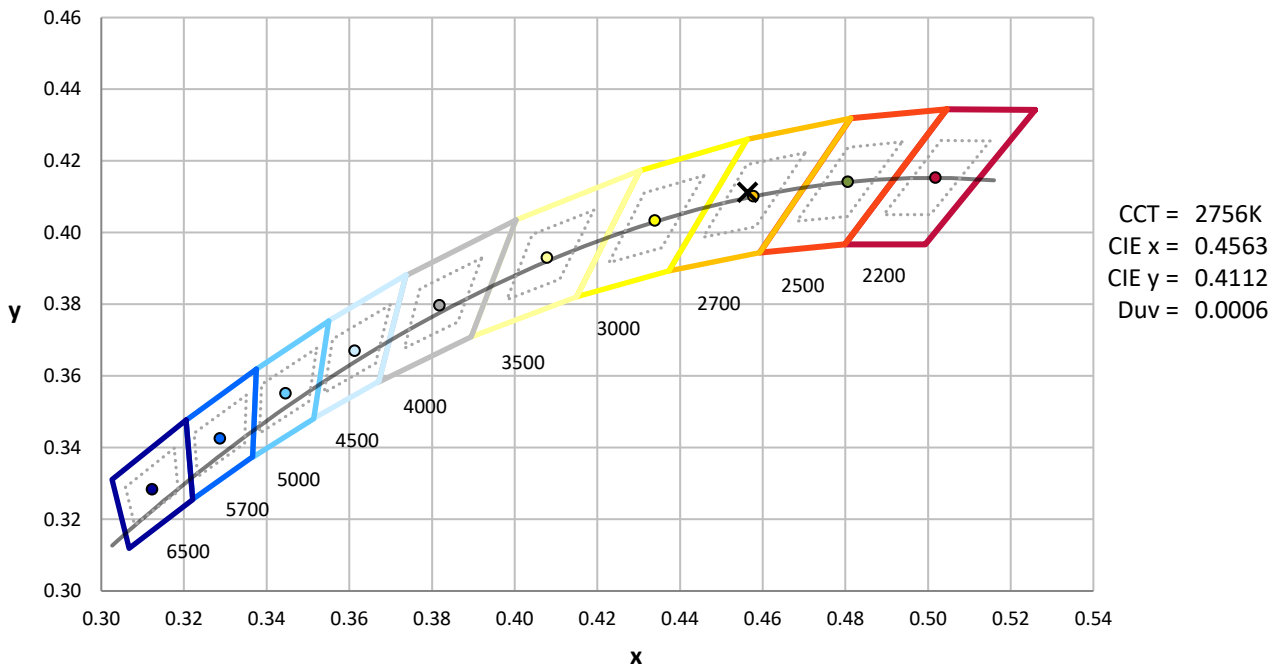
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



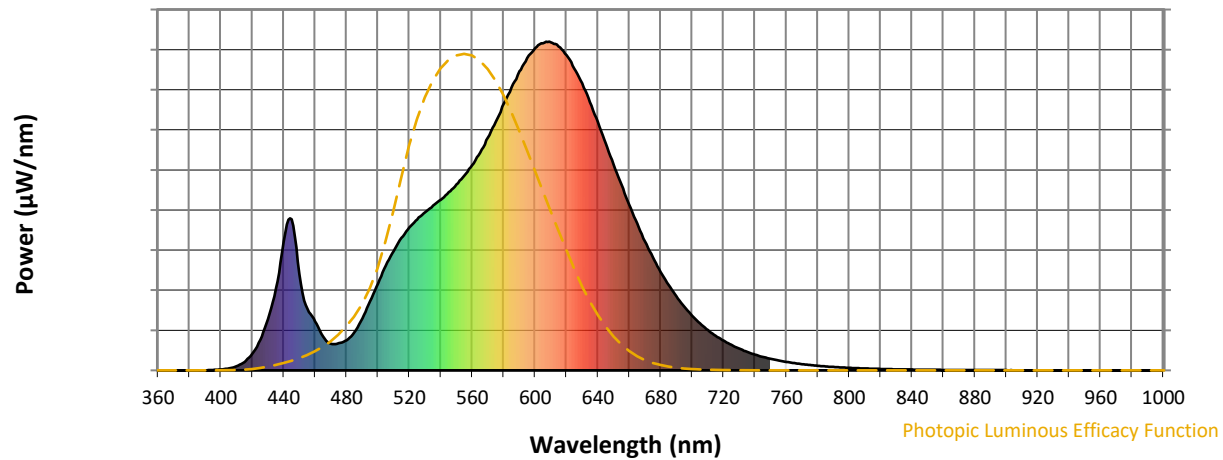
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

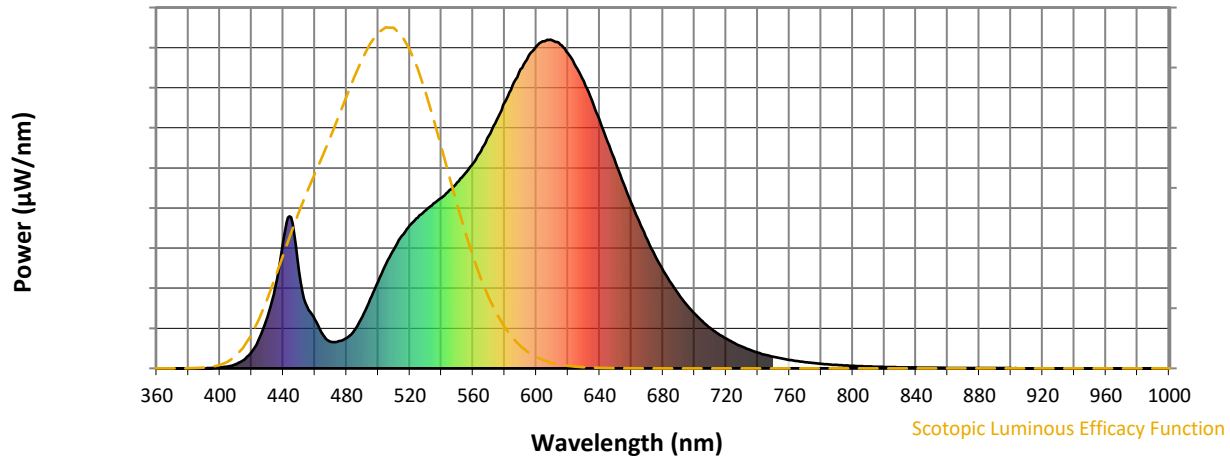


Photopic Lumens: NR

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



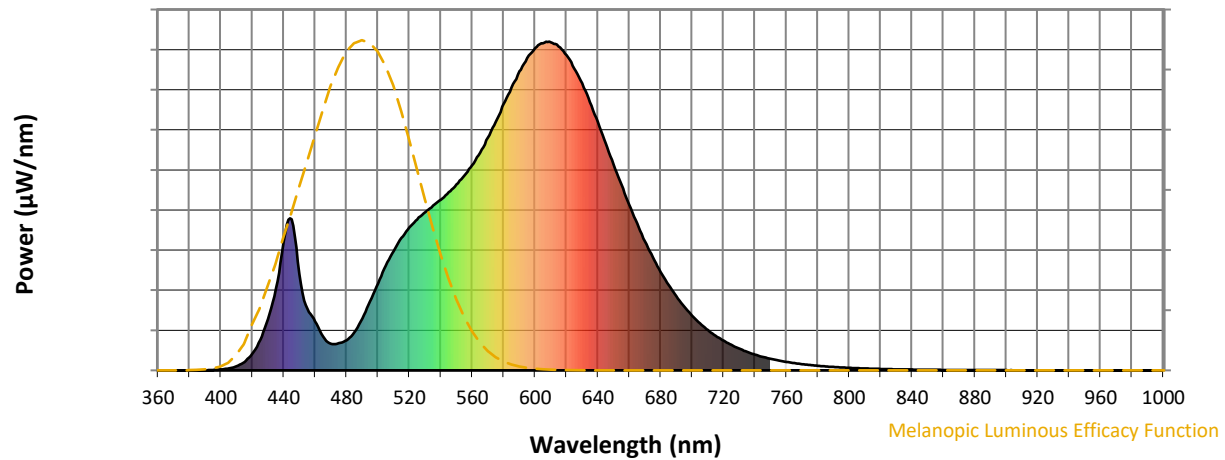
Scotopic Lumens: NR

S/P: 1.2

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	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

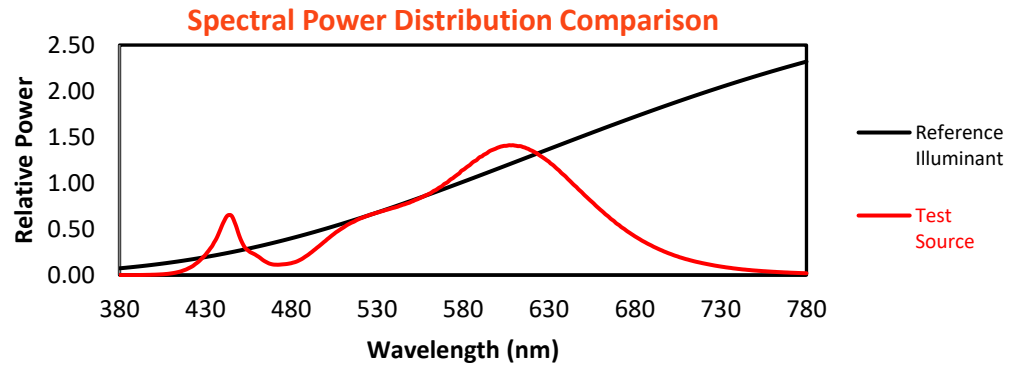
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	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

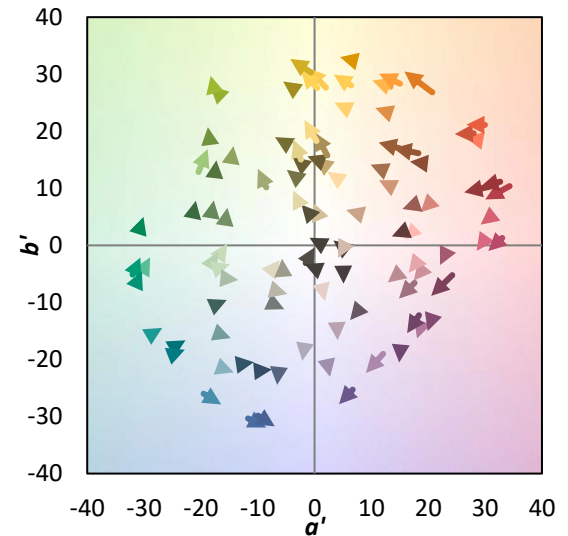
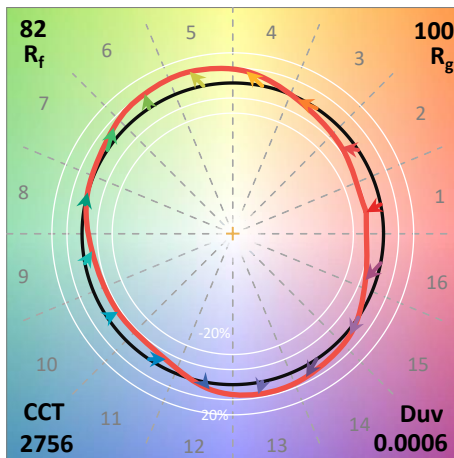
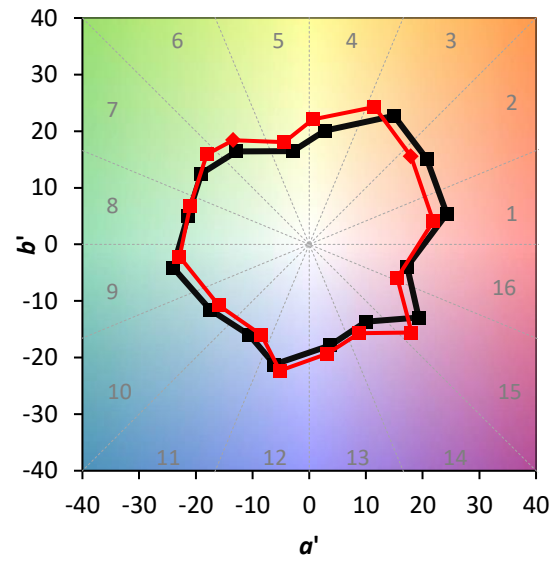
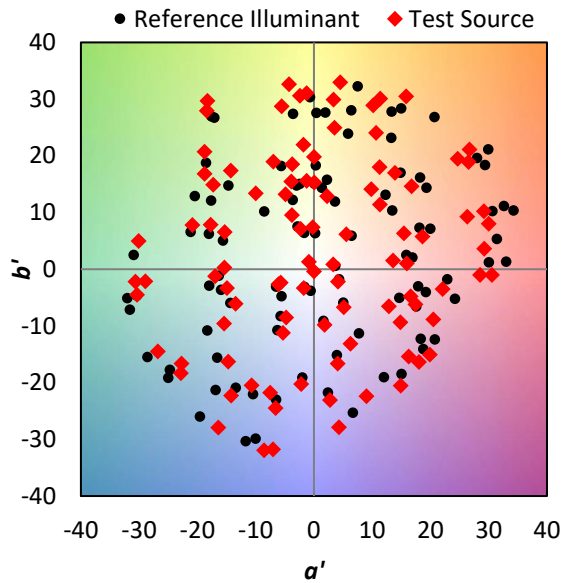
TM-30-18

Summary

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

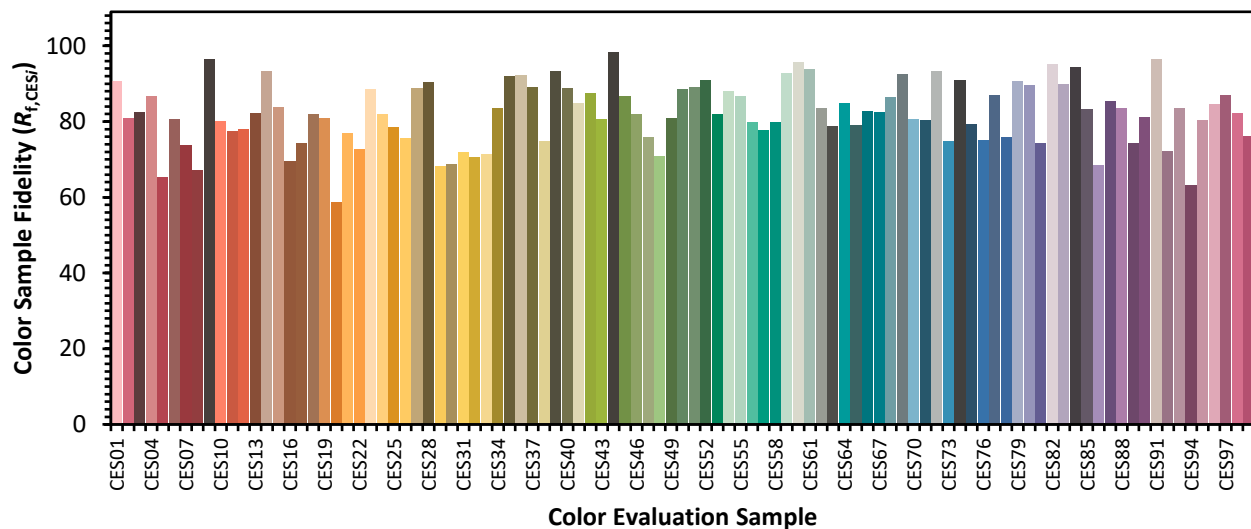


Color Vector Graphics

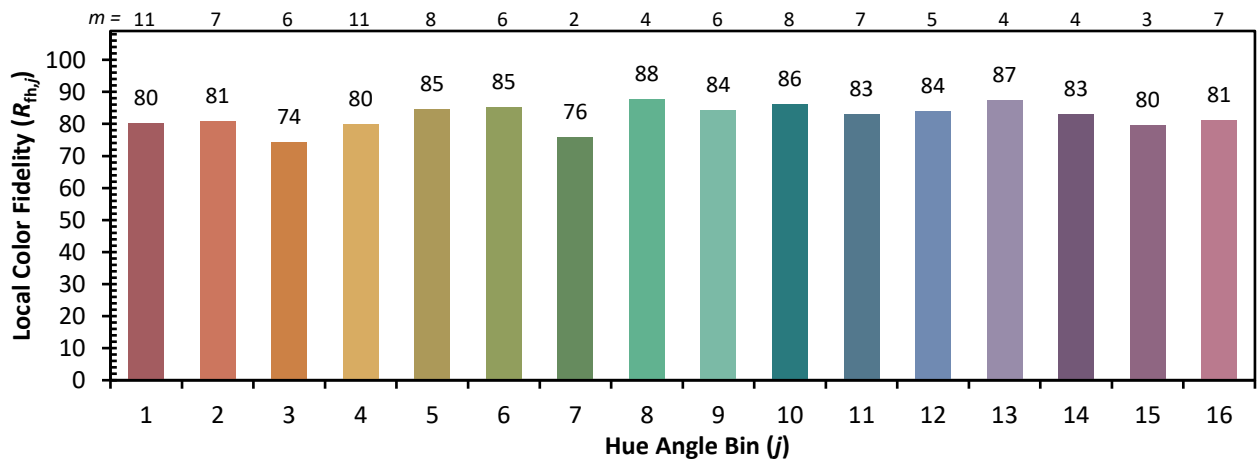
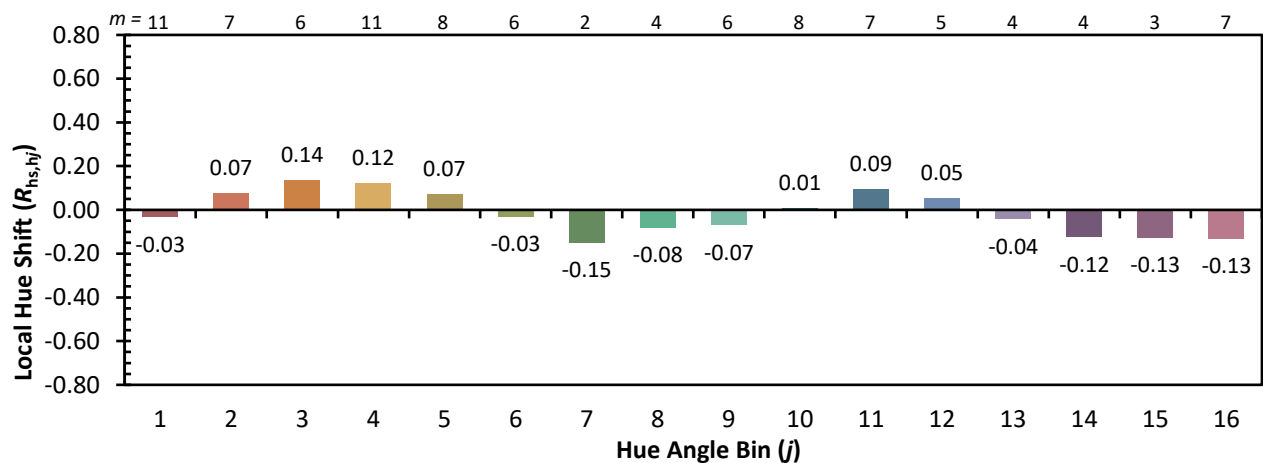
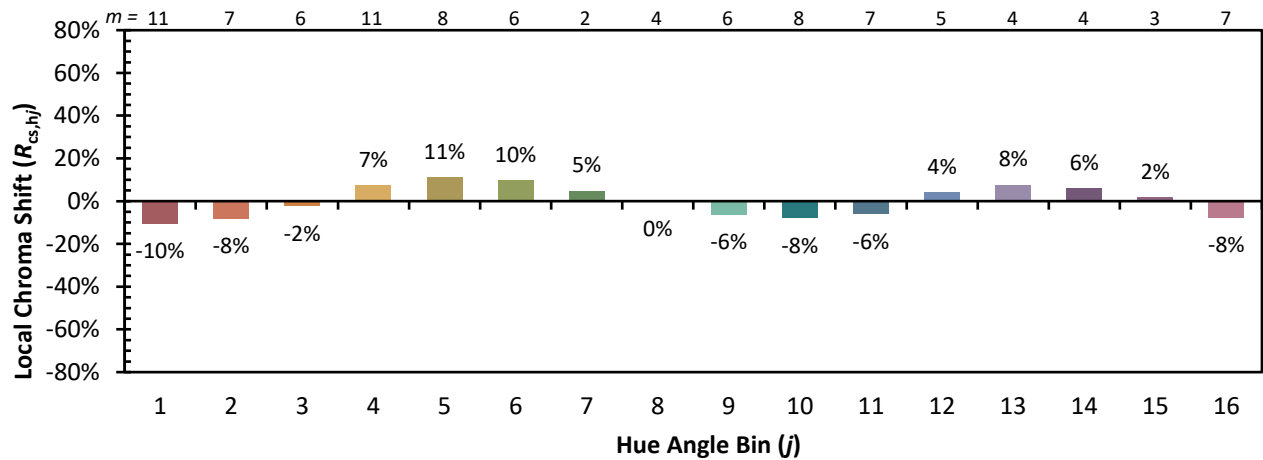


Individual Sample Fidelity Index ($R_{f,i}$)

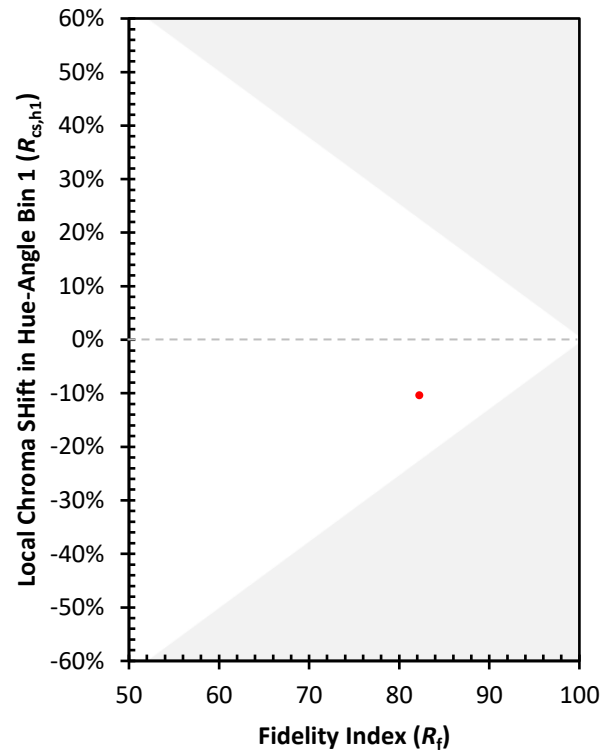
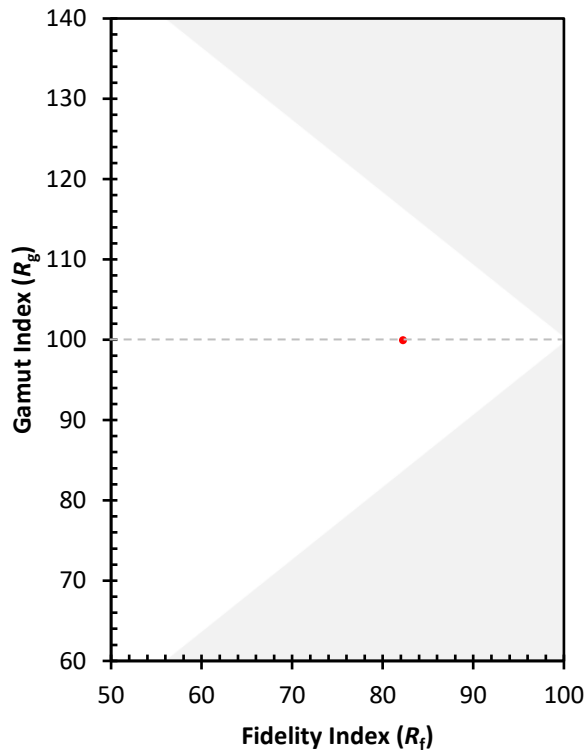
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 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)