

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: P1049133

Luminaire Tested: **GALN-SA9A-827-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049133
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9A-827-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 9xLight Square PACKAGE
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (126) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

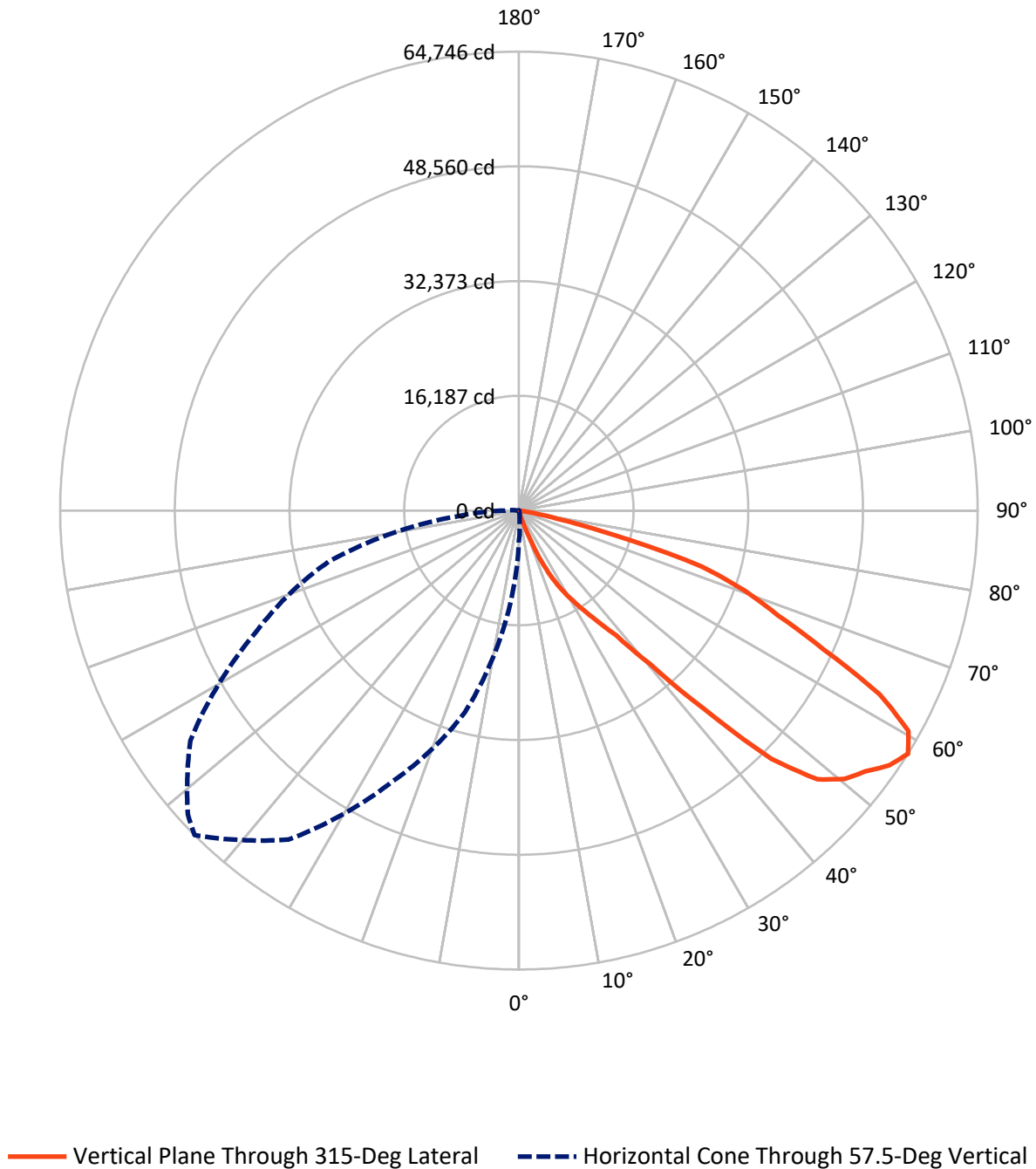
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25249.2 lumens
Efficiency: N/A
Efficacy: 103.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 244.6
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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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	126.4	0.0	126.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	25122.8	0.0	25122.8
	% Fixture	99.5	0.0	99.5
Total	Lumens	25249.2	0.0	25249.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.9	0.0
10°-20°	55.5	0.2
20°-30°	598.4	2.4
30°-40°	1769.5	7.0
40°-50°	5273.6	20.9
50°-60°	8361.9	33.1
60°-70°	6980.2	27.6
70°-80°	2152.4	8.5
80°-90°	47.9	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°	25249.2	100.0
0°-180°	25249.2	100.0

Coefficient of Utilization



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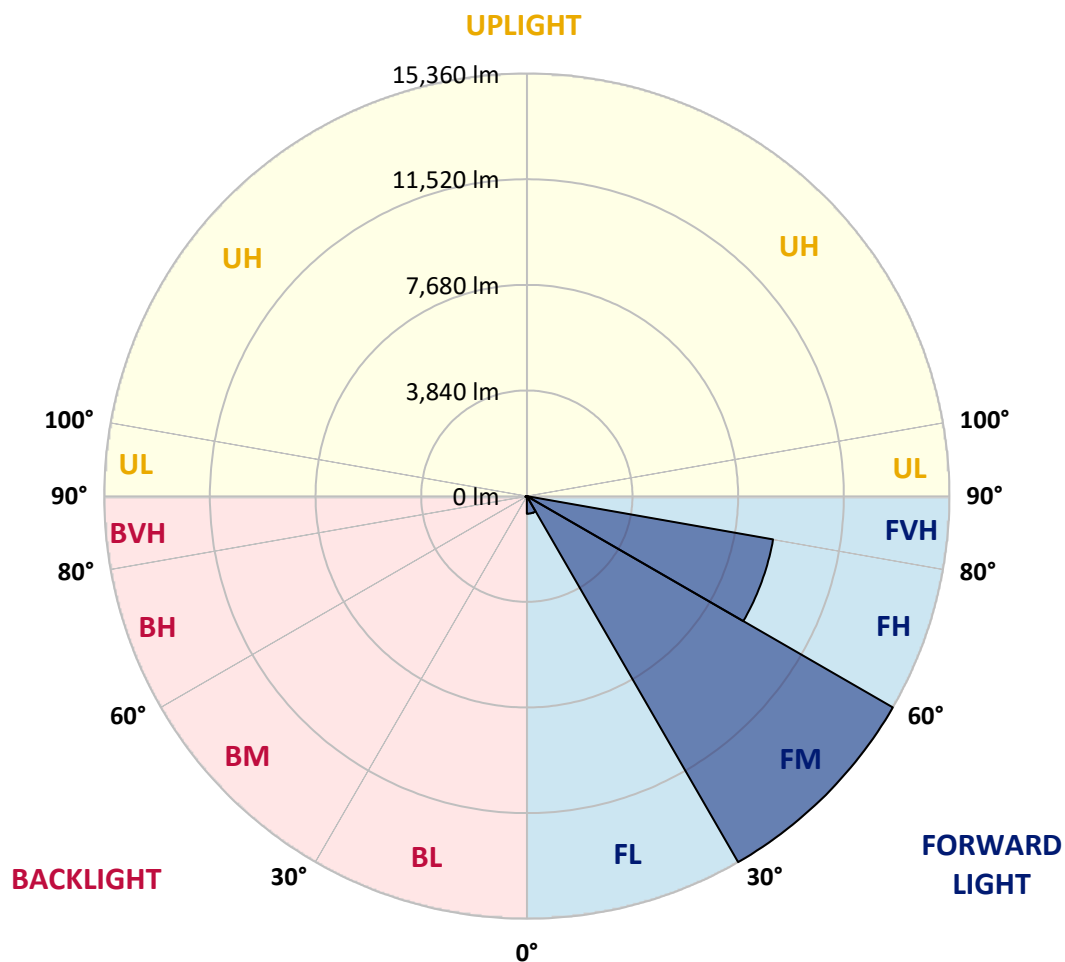
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	640.5	2.5			
FM	(30°-60°)	15359.8	60.8			
FH	(60°-80°)	9085.5	36.0			G4/12000
FVH	(80°-90°)	37.0	0.1			G1/100
BL	(0°-30°)	23.2	0.1	B0/110		
BM	(30°-60°)	45.2	0.2	B0/220		
BH	(60°-80°)	47.2	0.2	B0/110		G0/110
BVH	(80°-90°)	10.9	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

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°	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7
2.5°	101.1	101.1	101.1	101.1	99.2	99.2	97.3	97.3	95.4	95.4
5°	106.9	106.9	104.9	103.0	103.0	101.1	99.2	97.3	97.3	95.4
7.5°	116.4	114.5	112.6	110.7	106.9	104.9	101.1	99.2	97.3	93.5
10°	127.8	124.0	120.2	116.4	112.6	108.8	104.9	103.0	99.2	97.3
12.5°	143.1	137.4	129.7	124.0	120.2	114.5	110.7	106.9	101.1	97.3
15°	156.5	148.8	139.3	131.7	125.9	118.3	112.6	106.9	103.0	97.3
17.5°	175.5	162.2	146.9	137.4	129.7	120.2	110.7	104.9	99.2	91.6
20°	208.0	181.3	152.6	141.2	129.7	118.3	106.9	99.2	93.5	85.9
22.5°	259.5	213.7	167.9	150.7	135.5	118.3	103.0	95.4	87.8	80.1
25°	358.7	276.7	194.6	171.7	148.8	125.9	103.0	93.5	85.9	76.3
27.5°	477.0	354.9	230.9	198.4	167.9	135.5	103.0	91.6	82.0	70.6
30°	597.2	435.0	270.9	229.0	187.0	145.0	103.0	89.7	78.2	64.9
32.5°	711.7	509.5	305.3	255.7	206.1	154.6	104.9	89.7	74.4	59.1
35°	828.1	570.5	311.0	259.5	208.0	154.6	103.0	85.9	70.6	53.4
37.5°	976.9	639.2	299.6	248.0	198.4	146.9	97.3	82.0	66.8	49.6
40°	1202.1	753.7	305.3	251.9	198.4	145.0	91.6	76.3	63.0	47.7
42.5°	1618.0	975.0	330.1	269.0	208.0	145.0	84.0	70.6	59.1	45.8
45°	2797.2	1619.9	442.7	351.1	259.5	167.9	76.3	64.9	55.3	43.9
47.5°	4627.1	2711.4	795.7	614.4	435.0	253.8	74.4	64.9	55.3	43.9
50°	5905.5	3453.6	1001.7	770.9	540.0	309.1	78.2	66.8	57.2	45.8
52.5°	5895.9	3507.0	1116.2	856.7	599.1	339.6	82.0	70.6	61.1	49.6
55°	5241.4	3190.3	1137.2	873.9	612.5	349.2	87.8	76.3	64.9	53.4
57.5°	4380.9	2709.4	1038.0	803.3	570.5	335.8	101.1	87.8	76.3	63.0
60°	3465.0	2137.0	809.0	639.2	471.3	301.5	133.6	116.4	101.1	84.0
62.5°	2392.7	1549.3	706.0	566.7	429.3	290.0	152.6	135.5	120.2	103.0
65°	1692.5	1165.8	637.3	519.0	402.6	284.3	166.0	146.9	129.7	110.7
67.5°	1265.0	927.3	587.7	486.6	385.4	284.3	183.2	160.3	139.3	116.4
70°	969.3	761.3	551.4	469.4	389.2	307.2	225.2	192.7	162.2	129.7
72.5°	789.9	650.6	509.5	450.3	391.2	332.0	272.9	230.9	188.9	145.0
75°	654.5	557.2	459.8	410.2	362.5	312.9	263.3	225.2	188.9	150.7
77.5°	435.0	396.9	356.8	328.2	299.6	269.0	240.4	208.0	177.4	145.0
80°	152.6	146.9	141.2	152.6	164.1	175.5	187.0	164.1	143.1	120.2
82.5°	22.9	21.0	19.1	21.0	22.9	24.8	26.7	28.6	30.5	32.4
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°	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7
0.0	2.5°	93.5	93.5	91.6	91.6	91.6	89.7	89.7	87.8	87.8	87.8
0.0	5°	91.6	91.6	89.7	87.8	85.9	85.9	84.0	82.0	82.0	80.1
0.0	7.5°	89.7	87.8	85.9	84.0	82.0	80.1	78.2	76.3	76.3	74.4
0.0	10°	91.6	87.8	85.9	82.0	80.1	78.2	74.4	72.5	70.6	70.6
0.0	12.5°	87.8	85.9	82.0	78.2	76.3	72.5	70.6	66.8	64.9	64.9
0.0	15°	87.8	84.0	78.2	74.4	70.6	68.7	64.9	61.1	59.1	57.2
0.0	17.5°	82.0	78.2	72.5	68.7	64.9	61.1	57.2	53.4	51.5	49.6
0.0	20°	74.4	70.6	64.9	59.1	55.3	51.5	47.7	43.9	42.0	40.1
0.0	22.5°	66.8	63.0	57.2	51.5	47.7	43.9	38.2	34.3	32.4	28.6
0.0	25°	63.0	57.2	51.5	45.8	40.1	36.3	30.5	24.8	21.0	17.2
0.0	27.5°	53.4	47.7	42.0	36.3	30.5	24.8	19.1	13.4	9.5	7.6
0.0	30°	45.8	40.1	34.3	28.6	21.0	15.3	9.5	1.9	1.9	1.9
0.0	32.5°	38.2	32.4	24.8	19.1	15.3	9.5	5.7	0.0	0.0	0.0
0.0	35°	30.5	24.8	17.2	11.4	9.5	5.7	3.8	0.0	0.0	0.0
0.0	37.5°	26.7	21.0	13.4	5.7	3.8	3.8	1.9	0.0	0.0	0.0
0.0	40°	24.8	17.2	9.5	1.9	1.9	1.9	0.0	0.0	0.0	0.0
0.0	42.5°	24.8	17.2	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	24.8	17.2	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	24.8	17.2	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	26.7	19.1	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	30.5	22.9	15.3	7.6	5.7	3.8	1.9	0.0	0.0	0.0
0.0	55°	38.2	34.3	28.6	24.8	19.1	13.4	5.7	0.0	0.0	0.0
0.0	57.5°	49.6	49.6	47.7	45.8	34.3	22.9	11.4	0.0	0.0	0.0
0.0	60°	66.8	66.8	66.8	66.8	49.6	34.3	17.2	0.0	0.0	0.0
0.0	62.5°	82.0	78.2	72.5	68.7	51.5	34.3	17.2	0.0	0.0	0.0
0.0	65°	82.0	74.4	64.9	55.3	42.0	28.6	13.4	0.0	0.0	0.0
0.0	67.5°	76.3	61.1	43.9	28.6	21.0	15.3	7.6	0.0	0.0	0.0
	70°	76.3	53.4	30.5	7.6	5.7	3.8	1.9	0.0	0.0	0.0
	72.5°	76.3	51.5	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	84.0	57.2	28.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	84.0	57.2	28.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	74.4	49.6	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	24.8	17.2	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7
0.0	2.5°	85.9	85.9	85.9	84.0	84.0	84.0	84.0	82.0	82.0	82.0
0.0	5°	78.2	78.2	76.3	76.3	74.4	74.4	72.5	72.5	70.6	70.6
0.0	7.5°	72.5	70.6	70.6	68.7	66.8	66.8	64.9	64.9	63.0	61.1
0.0	10°	66.8	64.9	64.9	63.0	61.1	59.1	59.1	57.2	55.3	53.4
0.0	12.5°	61.1	59.1	57.2	55.3	53.4	51.5	51.5	49.6	47.7	45.8
0.0	15°	53.4	51.5	49.6	47.7	45.8	43.9	43.9	42.0	40.1	38.2
0.0	17.5°	45.8	43.9	43.9	42.0	40.1	38.2	36.3	32.4	30.5	28.6
0.0	20°	34.3	32.4	30.5	28.6	26.7	22.9	21.0	17.2	13.4	11.4
0.0	22.5°	22.9	19.1	17.2	13.4	9.5	7.6	5.7	1.9	0.0	0.0
0.0	25°	7.6	5.7	3.8	1.9	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: P1049133

CATALOG NUMBER: GALN-SA9A-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049133

CATALOG NUMBER: GALN-SA9A-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°	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7
0.0	2.5°	80.1	80.1	80.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
0.0	5°	68.7	68.7	68.7	66.8	66.8	64.9	64.9	64.9	63.0	63.0
0.0	7.5°	59.1	57.2	57.2	55.3	55.3	53.4	53.4	53.4	51.5	51.5
0.0	10°	49.6	47.7	47.7	45.8	45.8	43.9	43.9	42.0	42.0	40.1
0.0	12.5°	43.9	42.0	40.1	38.2	38.2	36.3	34.3	34.3	32.4	30.5
0.0	15°	34.3	32.4	30.5	28.6	26.7	24.8	22.9	22.9	21.0	19.1
0.0	17.5°	22.9	19.1	17.2	15.3	15.3	13.4	11.4	9.5	7.6	5.7
0.0	20°	5.7	3.8	1.9	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



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CATALOG NUMBER: GALN-SA9A-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049133

CATALOG NUMBER: GALN-SA9A-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°	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7
0.0	2.5°	78.2	76.3	76.3	76.3	78.2	78.2	78.2	78.2	78.2	78.2
0.0	5°	63.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
0.0	7.5°	51.5	49.6	49.6	49.6	49.6	47.7	47.7	47.7	47.7	47.7
0.0	10°	40.1	38.2	38.2	38.2	38.2	36.3	36.3	36.3	36.3	36.3
0.0	12.5°	28.6	28.6	26.7	26.7	26.7	24.8	24.8	24.8	24.8	22.9
0.0	15°	17.2	15.3	13.4	13.4	13.4	11.4	11.4	11.4	11.4	9.5
0.0	17.5°	3.8	3.8	1.9	1.9	1.9	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
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-SA9A-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA9A-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°	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7
0.0	2.5°	80.1	80.1	82.0	82.0	84.0	87.8	89.7	91.6	95.4	99.2
0.0	5°	63.0	64.9	64.9	66.8	68.7	70.6	72.5	74.4	78.2	82.0
0.0	7.5°	49.6	49.6	51.5	51.5	53.4	57.2	59.1	61.1	64.9	70.6
0.0	10°	38.2	38.2	40.1	40.1	42.0	45.8	47.7	49.6	53.4	59.1
0.0	12.5°	24.8	26.7	26.7	28.6	30.5	34.3	36.3	38.2	42.0	45.8
0.0	15°	11.4	13.4	13.4	15.3	17.2	21.0	22.9	24.8	28.6	34.3
0.0	17.5°	1.9	1.9	3.8	3.8	5.7	7.6	9.5	11.4	17.2	21.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	7.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA9A-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°	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7
0.0	2.5°	104.9	108.8	112.6	116.4	120.2	124.0	125.9	129.7	131.7	133.6
0.0	5°	89.7	93.5	99.2	103.0	106.9	110.7	114.5	116.4	118.3	120.2
0.0	7.5°	78.2	82.0	87.8	91.6	95.4	99.2	103.0	106.9	108.8	110.7
0.0	10°	66.8	72.5	76.3	82.0	85.9	89.7	93.5	97.3	101.1	103.0
0.0	12.5°	53.4	59.1	64.9	68.7	74.4	80.1	84.0	87.8	91.6	95.4
0.0	15°	42.0	47.7	53.4	57.2	63.0	68.7	74.4	78.2	82.0	85.9
0.0	17.5°	30.5	36.3	42.0	45.8	51.5	57.2	61.1	66.8	70.6	74.4
0.0	20°	15.3	21.0	26.7	32.4	38.2	43.9	47.7	53.4	57.2	61.1
0.0	22.5°	1.9	7.6	13.4	17.2	22.9	28.6	32.4	38.2	42.0	45.8
0.0	25°	0.0	1.9	5.7	7.6	9.5	13.4	17.2	21.0	24.8	28.6
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.9	3.8	7.6	11.4	15.3
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.9	3.8
	85°	0.0	0.0	0.0	0.0	0.0	3.8	5.7	9.5	11.4	13.4
	87.5°	0.0	1.9	3.8	5.7	7.6	11.4	15.3	19.1	21.0	22.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049133

CATALOG NUMBER: GALN-SA9A-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
110.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.7	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											
1.9											
7.6											
17.2											
24.8											
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REPORT NUMBER: P1049133

CATALOG NUMBER: GALN-SA9A-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°	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7
0.0	2.5°	135.5	135.5	135.5	135.5	133.6	133.6	133.6	131.7	131.7	129.7
0.0	5°	124.0	125.9	125.9	125.9	125.9	125.9	125.9	125.9	124.0	124.0
0.0	7.5°	114.5	116.4	118.3	118.3	120.2	120.2	120.2	118.3	118.3	116.4
0.0	10°	108.8	110.7	110.7	112.6	112.6	112.6	112.6	112.6	112.6	112.6
0.0	12.5°	101.1	103.0	104.9	104.9	106.9	106.9	106.9	106.9	104.9	104.9
0.0	15°	91.6	95.4	97.3	99.2	99.2	101.1	101.1	101.1	101.1	101.1
0.0	17.5°	84.0	87.8	89.7	91.6	91.6	93.5	93.5	95.4	95.4	95.4
0.0	20°	68.7	72.5	74.4	78.2	80.1	82.0	84.0	85.9	85.9	87.8
0.0	22.5°	53.4	57.2	59.1	63.0	64.9	66.8	68.7	70.6	72.5	74.4
0.0	25°	38.2	42.0	43.9	47.7	49.6	51.5	53.4	55.3	55.3	57.2
0.0	27.5°	21.0	24.8	28.6	30.5	34.3	36.3	38.2	40.1	42.0	43.9
0.0	30°	9.5	11.4	13.4	17.2	19.1	21.0	22.9	26.7	28.6	30.5
0.0	32.5°	0.0	0.0	1.9	5.7	7.6	9.5	11.4	13.4	13.4	15.3
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.8	5.7	7.6
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	3.8	3.8	3.8	5.7	5.7	5.7	5.7	5.7	5.7	5.7
	82.5°	9.5	11.4	13.4	13.4	15.3	15.3	15.3	15.3	13.4	13.4
	85°	19.1	21.0	22.9	22.9	24.8	24.8	24.8	24.8	24.8	24.8
	87.5°	26.7	28.6	30.5	30.5	32.4	32.4	32.4	32.4	32.4	32.4
	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: P1049133

CATALOG NUMBER: GALN-SA9A-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
110.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	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											
5.7											
13.4											
24.8											
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REPORT NUMBER: P1049133

CATALOG NUMBER: GALN-SA9A-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°	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7
0.0	2.5°	127.8	127.8	125.9	125.9	125.9	125.9	125.9	127.8	129.7	129.7
0.0	5°	122.1	122.1	120.2	120.2	120.2	122.1	122.1	124.0	125.9	127.8
0.0	7.5°	116.4	114.5	114.5	116.4	116.4	118.3	118.3	120.2	122.1	124.0
0.0	10°	112.6	110.7	110.7	110.7	112.6	112.6	114.5	116.4	118.3	120.2
0.0	12.5°	104.9	104.9	104.9	104.9	106.9	106.9	108.8	110.7	114.5	116.4
0.0	15°	101.1	99.2	99.2	99.2	99.2	101.1	101.1	104.9	108.8	110.7
0.0	17.5°	93.5	93.5	91.6	91.6	93.5	93.5	95.4	99.2	103.0	104.9
0.0	20°	85.9	84.0	82.0	82.0	84.0	84.0	85.9	89.7	93.5	95.4
0.0	22.5°	74.4	72.5	72.5	72.5	72.5	74.4	74.4	78.2	84.0	87.8
0.0	25°	59.1	61.1	61.1	63.0	63.0	64.9	66.8	70.6	76.3	80.1
0.0	27.5°	45.8	47.7	47.7	51.5	53.4	55.3	57.2	63.0	68.7	72.5
0.0	30°	34.3	36.3	38.2	40.1	43.9	47.7	51.5	57.2	63.0	66.8
0.0	32.5°	21.0	24.8	26.7	30.5	34.3	38.2	42.0	47.7	55.3	61.1
0.0	35°	15.3	17.2	21.0	22.9	26.7	30.5	34.3	42.0	47.7	55.3
0.0	37.5°	7.6	11.4	15.3	19.1	22.9	26.7	30.5	38.2	45.8	51.5
0.0	40°	5.7	9.5	11.4	15.3	21.0	24.8	28.6	36.3	43.9	51.5
0.0	42.5°	3.8	5.7	7.6	13.4	17.2	22.9	28.6	36.3	43.9	51.5
0.0	45°	3.8	3.8	5.7	11.4	17.2	24.8	30.5	38.2	43.9	51.5
0.0	47.5°	3.8	5.7	7.6	15.3	19.1	24.8	30.5	36.3	43.9	49.6
0.0	50°	5.7	7.6	9.5	17.2	21.0	26.7	30.5	38.2	43.9	51.5
0.0	52.5°	3.8	5.7	7.6	15.3	21.0	28.6	34.3	42.0	49.6	55.3
0.0	55°	1.9	1.9	1.9	11.4	22.9	32.4	43.9	49.6	57.2	63.0
0.0	57.5°	0.0	0.0	0.0	7.6	22.9	36.3	49.6	59.1	68.7	78.2
0.0	60°	0.0	0.0	0.0	7.6	19.1	30.5	42.0	57.2	74.4	89.7
0.0	62.5°	0.0	0.0	0.0	5.7	15.3	24.8	34.3	57.2	80.1	101.1
0.0	65°	0.0	0.0	0.0	5.7	15.3	22.9	32.4	57.2	80.1	104.9
0.0	67.5°	0.0	0.0	0.0	5.7	15.3	24.8	34.3	57.2	80.1	103.0
	70°	0.0	0.0	0.0	5.7	17.2	26.7	38.2	57.2	76.3	95.4
	72.5°	0.0	0.0	0.0	7.6	17.2	28.6	40.1	57.2	74.4	89.7
	75°	0.0	0.0	0.0	5.7	17.2	26.7	38.2	55.3	72.5	87.8
	77.5°	5.7	3.8	3.8	9.5	17.2	24.8	32.4	49.6	68.7	85.9
	80°	11.4	11.4	9.5	13.4	17.2	22.9	28.6	43.9	61.1	76.3
	82.5°	22.9	22.9	21.0	22.9	22.9	24.8	26.7	34.3	42.0	49.6
	85°	30.5	30.5	28.6	28.6	28.6	26.7	26.7	26.7	26.7	24.8
	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):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
110.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.9											
114.5											
106.9											
104.9											
103.0											
91.6											
57.2											
24.8											
0.0											
0.0											
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REPORT NUMBER: P1049133

CATALOG NUMBER: GALN-SA9A-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°	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7
0.0	2.5°	133.6	135.5	135.5	137.4	139.3	141.2	141.2	143.1	143.1	143.1
0.0	5°	131.7	135.5	137.4	139.3	141.2	143.1	145.0	146.9	148.8	148.8
0.0	7.5°	129.7	131.7	135.5	137.4	141.2	143.1	146.9	148.8	150.7	152.6
0.0	10°	125.9	129.7	133.6	137.4	141.2	145.0	148.8	152.6	156.5	158.4
0.0	12.5°	122.1	127.8	131.7	135.5	141.2	146.9	150.7	156.5	160.3	164.1
0.0	15°	120.2	124.0	129.7	133.6	141.2	148.8	154.6	162.2	169.8	175.5
0.0	17.5°	114.5	122.1	127.8	133.6	141.2	150.7	158.4	166.0	177.4	188.9
0.0	20°	106.9	112.6	120.2	125.9	137.4	146.9	158.4	167.9	185.1	202.3
0.0	22.5°	99.2	106.9	112.6	120.2	133.6	145.0	158.4	169.8	198.4	225.2
0.0	25°	91.6	101.1	108.8	116.4	131.7	146.9	162.2	177.4	225.2	272.9
0.0	27.5°	87.8	95.4	104.9	112.6	131.7	152.6	171.7	190.8	267.1	341.5
0.0	30°	82.0	91.6	99.2	108.8	133.6	158.4	183.2	208.0	324.4	440.8
0.0	32.5°	76.3	85.9	95.4	104.9	137.4	169.8	200.3	232.8	385.4	536.2
0.0	35°	70.6	82.0	91.6	101.1	143.1	187.0	229.0	270.9	440.8	608.7
0.0	37.5°	68.7	80.1	89.7	99.2	145.0	188.9	234.7	278.6	446.5	614.4
0.0	40°	70.6	80.1	91.6	101.1	139.3	177.4	213.7	251.9	427.4	601.0
0.0	42.5°	70.6	82.0	93.5	104.9	135.5	166.0	196.5	227.1	421.7	616.3
0.0	45°	68.7	80.1	91.6	103.0	131.7	158.4	187.0	213.7	456.0	696.4
0.0	47.5°	66.8	78.2	89.7	101.1	129.7	158.4	187.0	215.6	589.6	961.7
0.0	50°	66.8	78.2	87.8	97.3	131.7	167.9	202.3	236.6	858.6	1478.7
0.0	52.5°	70.6	80.1	87.8	95.4	135.5	177.4	217.5	257.6	1091.4	1923.3
0.0	55°	76.3	82.0	89.7	95.4	145.0	192.7	242.3	290.0	1162.0	2034.0
0.0	57.5°	84.0	89.7	95.4	101.1	162.2	223.2	282.4	343.5	1167.7	1990.1
0.0	60°	93.5	101.1	106.9	112.6	177.4	244.2	309.1	374.0	1057.1	1738.2
0.0	62.5°	114.5	124.0	131.7	141.2	204.2	265.2	328.2	389.2	877.7	1366.2
0.0	65°	131.7	139.3	146.9	154.6	215.6	278.6	339.6	400.7	744.1	1087.6
0.0	67.5°	135.5	143.1	148.8	156.5	219.4	282.4	343.5	406.4	637.3	866.3
	70°	137.4	146.9	158.4	167.9	232.8	297.7	360.6	425.5	564.8	704.1
	72.5°	131.7	150.7	167.9	185.1	246.1	305.3	366.3	425.5	524.7	623.9
	75°	131.7	158.4	183.2	208.0	253.8	297.7	343.5	387.3	463.7	540.0
	77.5°	139.3	173.6	208.0	242.3	269.0	293.8	320.6	345.4	395.0	444.6
	80°	139.3	175.5	209.9	246.1	257.6	270.9	282.4	293.8	299.6	305.3
	82.5°	120.2	148.8	177.4	206.1	192.7	179.4	166.0	152.6	143.1	131.7
	85°	61.1	66.8	70.6	74.4	68.7	63.0	57.2	51.5	47.7	42.0
	87.5°	24.8	24.8	22.9	22.9	22.9	22.9	21.0	21.0	21.0	21.0
	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-SA9A-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
110.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
204.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
234.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
299.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
406.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
564.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
765.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
955.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1085.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1183.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1280.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1471.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1852.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2823.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4325.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5445.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5569.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5025.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4297.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3358.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2537.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1873.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1326.1											
986.5											
717.4											
540.0											
303.4											
137.4											
40.1											
19.1											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7
0.0	2.5°	143.1	141.2	141.2	139.3	137.4	135.5	133.6	131.7	129.7	127.8
0.0	5°	148.8	148.8	148.8	146.9	146.9	145.0	145.0	143.1	141.2	139.3
0.0	7.5°	154.6	156.5	156.5	158.4	158.4	158.4	158.4	156.5	156.5	156.5
0.0	10°	164.1	166.0	167.9	169.8	171.7	173.6	173.6	175.5	175.5	175.5
0.0	12.5°	175.5	181.3	185.1	190.8	194.6	200.3	204.2	209.9	213.7	217.5
0.0	15°	192.7	202.3	213.7	223.2	232.8	246.1	261.4	274.8	288.1	309.1
0.0	17.5°	217.5	248.0	278.6	307.2	337.7	404.5	471.3	536.2	602.9	700.3
0.0	20°	265.2	356.8	446.5	538.1	627.8	862.4	1095.2	1329.9	1562.7	1812.7
0.0	22.5°	372.1	597.2	822.4	1047.5	1272.7	1763.0	2251.5	2741.9	3230.3	3804.7
0.0	25°	540.0	954.0	1368.1	1780.2	2194.3	2961.3	3730.3	4497.3	5264.3	6010.4
0.0	27.5°	786.1	1419.6	2053.1	2684.6	3318.1	4358.0	5399.8	6439.7	7479.6	8323.0
0.0	30°	1089.5	1948.1	2806.8	3665.4	4524.0	5707.0	6890.0	8071.1	9254.1	10175.7
0.0	32.5°	1375.7	2427.1	3478.4	4527.8	5579.2	6926.3	8275.3	9622.4	10969.5	11976.9
0.0	35°	1562.7	2833.5	4106.2	5376.9	6647.7	8105.4	9563.2	11019.1	12476.8	13627.4
0.0	37.5°	1749.7	3217.0	4682.4	6149.7	7615.1	9215.9	10816.8	12417.7	14018.5	15440.0
0.0	40°	1959.6	3680.7	5399.8	7120.9	8840.1	10736.7	12631.4	14528.0	16422.7	18428.1
0.0	42.5°	2324.0	4449.6	6577.1	8702.7	10828.3	13337.4	15846.5	18353.7	20862.8	23724.8
0.0	45°	3009.0	6004.7	9002.2	11997.9	14993.6	18317.4	21643.2	24967.0	28290.8	32099.3
0.0	47.5°	4686.2	8807.6	12927.1	17048.5	21168.0	24757.1	28344.3	31933.3	35520.5	39313.7
0.0	50°	7170.5	11967.4	16764.2	21559.2	26356.1	29603.6	32849.2	36096.7	39342.3	42950.5
0.0	52.5°	8967.9	13965.1	18964.2	23961.4	28958.7	31889.4	34822.1	37752.9	40683.7	44055.3
0.0	55°	9103.4	14072.0	19042.5	24011.1	28979.7	31923.8	34867.9	37812.1	40756.2	44330.0
0.0	57.5°	8059.7	12988.2	17914.8	22843.3	27769.9	31122.4	34473.0	37825.4	41176.0	45039.8
0.0	60°	6855.7	11786.1	16714.6	21645.1	26573.6	30435.5	34299.3	38161.2	42023.2	45642.8
0.0	62.5°	5348.3	10419.9	15493.5	20565.1	25636.7	29557.8	33478.9	37398.0	41319.1	44034.3
0.0	65°	3985.9	8910.7	13835.4	18758.2	23682.9	26823.5	29964.2	33103.0	36243.6	37924.6
0.0	67.5°	2881.2	7128.5	11374.0	15621.3	19866.7	22114.4	24362.1	26607.9	28855.6	30141.7
	70°	1948.1	4890.4	7830.7	10772.9	13713.2	15560.2	17409.2	19256.2	21103.2	22839.5
	72.5°	1349.0	3001.4	4655.7	6308.1	7960.4	9818.9	11675.4	13533.9	15390.4	17227.9
	75°	894.9	1646.7	2400.3	3152.1	3903.9	5279.6	6657.2	8032.9	9408.7	10503.9
	77.5°	635.4	860.5	1087.6	1312.7	1537.9	1795.5	2055.0	2312.6	2570.2	2961.3
	80°	301.5	330.1	358.7	385.4	414.0	507.5	601.0	694.5	788.0	887.2
	82.5°	143.1	154.6	166.0	175.5	187.0	196.5	206.1	215.6	225.2	215.6
	85°	38.2	38.2	40.1	40.1	40.1	40.1	40.1	40.1	40.1	38.2
	87.5°	17.2	17.2	17.2	17.2	17.2	17.2	17.2	15.3	15.3	13.4
	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°
110.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
219.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
332.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
795.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2064.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4379.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6756.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9166.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11099.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12986.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14777.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16863.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20433.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26586.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35907.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43106.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46558.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47426.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47905.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48903.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49260.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46751.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39607.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31429.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24573.9											
19065.4											
11599.1											
3352.5											
986.5											
204.2											
36.3											
13.4											
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°	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7
0.0	2.5°	124.0	122.1	120.2	118.3	116.4	112.6	112.6	110.7	110.7
0.0	5°	135.5	133.6	131.7	129.7	129.7	127.8	125.9	125.9	124.0
0.0	7.5°	154.6	152.6	150.7	148.8	148.8	146.9	146.9	145.0	145.0
0.0	10°	177.4	177.4	177.4	177.4	177.4	175.5	175.5	175.5	173.6
0.0	12.5°	223.2	225.2	229.0	232.8	238.5	238.5	238.5	236.6	236.6
0.0	15°	353.0	374.0	389.2	404.5	417.9	448.4	444.6	438.9	435.0
0.0	17.5°	893.0	988.4	1039.9	1089.5	1141.0	1282.2	1259.3	1236.4	1215.4
0.0	20°	2314.5	2564.4	2730.4	2896.4	3064.3	3329.6	3264.7	3199.8	3134.9
0.0	22.5°	4951.4	5525.7	5775.7	6025.7	6273.7	6594.3	6386.3	6178.3	5972.2
0.0	25°	7500.6	8246.6	8668.3	9090.0	9509.8	9693.0	9422.0	9149.2	8878.2
0.0	27.5°	10009.7	10853.1	11225.1	11595.3	11967.4	12350.9	12015.1	11677.3	11341.5
0.0	30°	12020.8	12942.4	13345.0	13745.7	14148.3	14415.4	14068.1	13719.0	13371.7
0.0	32.5°	13993.7	15001.2	15441.9	15882.7	16321.6	16705.1	16277.7	15848.4	15421.0
0.0	35°	15926.6	17077.2	17683.9	18290.7	18897.5	19254.3	18746.7	18237.3	17729.7
0.0	37.5°	18285.0	19706.5	20385.7	21065.0	21744.3	22394.9	21835.9	21274.9	20715.8
0.0	40°	22438.8	24444.2	25486.0	26529.7	27571.5	28411.0	27705.1	26999.1	26293.1
0.0	42.5°	29449.0	32311.1	33809.0	35304.9	36802.7	38113.5	37371.3	36629.1	35886.8
0.0	45°	39716.3	43524.8	45350.8	47174.9	49001.0	49958.8	48890.3	47819.9	46751.3
0.0	47.5°	46898.3	50691.5	52317.2	53942.8	55568.5	56661.8	55354.8	54047.8	52742.7
0.0	50°	50164.9	53773.0	55404.4	57033.9	58665.3	59533.5	58024.2	56513.0	55003.7
0.0	52.5°	50796.4	54168.0	56114.2	58062.3	60008.6	61168.7	59386.5	57602.5	55820.4
0.0	55°	51479.5	55053.3	57310.6	59569.7	61826.9	63433.5	61418.6	59401.8	57386.9
0.0	57.5°	52765.6	56629.4	58880.9	61130.5	63382.0	64746.3	62725.6	60703.1	58682.5
0.0	60°	52880.0	56497.7	58432.5	60369.2	62304.0	63162.6	61229.7	59294.9	57362.1
0.0	62.5°	49466.5	52181.7	53525.0	54868.2	56211.5	57144.6	55127.7	53109.0	51092.2
0.0	65°	41288.6	42969.6	44040.0	45110.4	46180.8	47293.2	45446.2	43599.2	41752.2
0.0	67.5°	32715.6	34001.7	35411.7	36821.8	38231.8	39420.6	37941.8	36461.2	34982.4
	70°	26310.3	28044.7	29630.3	31215.9	32801.5	33774.6	32290.1	30803.8	29319.3
	72.5°	20902.8	22740.3	24064.5	25386.8	26711.0	26949.5	25858.1	24766.7	23677.1
	75°	12692.4	13787.7	13814.4	13839.2	13865.9	14092.9	13188.5	12284.1	11381.6
	77.5°	3743.6	4134.8	4457.2	4777.8	5100.3	5489.5	5157.5	4823.6	4491.6
	80°	1083.8	1183.0	1267.0	1349.0	1433.0	1383.3	1305.1	1226.9	1148.7
	82.5°	194.6	183.2	181.3	179.4	179.4	169.8	154.6	139.3	124.0
	85°	34.3	32.4	30.5	28.6	26.7	24.8	21.0	19.1	15.3
	87.5°	11.4	9.5	7.6	5.7	5.7	1.9	1.9	1.9	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):

325°	327.5°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
110.7	110.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.8	108.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.1	122.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.1	141.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.6	171.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
234.7	229.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
429.3	408.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1192.5	1091.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3070.1	2795.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5764.3	5254.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8605.4	7964.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11005.7	10267.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13024.4	12230.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14993.6	14043.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17222.2	16113.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20154.9	18792.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25587.1	23831.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35144.6	32772.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45682.8	42740.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51435.6	48258.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53494.4	50260.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54036.3	50737.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55370.1	51830.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56661.8	53032.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55429.2	52269.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49073.5	46558.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39905.2	38069.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33503.7	31435.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27832.9	25581.4										
22585.7	20557.5										
10477.2	9666.2										
4159.6	3720.7										
1070.4	959.8										
108.8	103.0										
11.4	9.5										
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										
0.0	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										

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CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7	110.7
0.0	0.0	2.5°	108.8	106.9	106.9	106.9	106.9	104.9	104.9	104.9	104.9
0.0	0.0	5°	120.2	120.2	118.3	118.3	116.4	116.4	114.5	114.5	112.6
0.0	0.0	7.5°	141.2	139.3	137.4	135.5	133.6	129.7	127.8	125.9	125.9
0.0	0.0	10°	169.8	166.0	164.1	160.3	158.4	154.6	150.7	146.9	143.1
0.0	0.0	12.5°	223.2	215.6	209.9	202.3	194.6	188.9	181.3	175.5	167.9
0.0	0.0	15°	387.3	368.3	347.3	322.5	295.7	270.9	244.2	229.0	211.8
0.0	0.0	17.5°	990.3	891.1	789.9	707.9	625.8	545.7	463.7	404.5	345.4
0.0	0.0	20°	2520.6	2245.8	1971.0	1700.1	1427.2	1156.3	883.4	746.1	608.7
0.0	0.0	22.5°	4743.4	4234.0	3722.6	3228.4	2732.3	2238.2	1744.0	1433.0	1123.8
0.0	0.0	25°	7321.2	6680.1	6039.0	5226.2	4411.4	3598.6	2785.8	2280.1	1774.5
0.0	0.0	27.5°	9527.0	8788.5	8050.1	7061.7	6073.4	5085.0	4096.6	3342.9	2591.1
0.0	0.0	30°	11436.9	10643.2	9849.4	8698.9	7548.3	6397.7	5247.2	4304.6	3362.0
0.0	0.0	32.5°	13093.1	12142.9	11192.7	10005.9	8819.1	7632.2	6445.4	5289.1	4132.9
0.0	0.0	35°	15003.1	13894.5	12784.0	11467.5	10149.0	8832.4	7515.9	6210.7	4903.7
0.0	0.0	37.5°	17430.2	16069.7	14707.3	13240.0	11772.7	10307.4	8840.1	7347.9	5855.8
0.0	0.0	40°	22076.3	20320.9	18565.4	16701.3	14835.2	12971.0	11106.8	9275.1	7443.4
0.0	0.0	42.5°	30401.2	28029.4	25657.7	23177.2	20694.8	18214.4	15732.0	13148.5	10563.0
0.0	0.0	45°	39796.5	36854.2	33910.1	31126.2	28340.5	25556.6	22772.7	19227.5	15682.4
0.0	0.0	47.5°	45079.9	41903.0	38726.0	36091.0	33456.0	30820.9	28185.9	24364.0	20542.2
0.0	0.0	50°	47024.2	43790.0	40555.9	38130.7	35703.7	33278.5	30851.5	27023.9	23194.4
0.0	0.0	52.5°	47438.2	44139.2	40840.2	38399.8	35959.3	33520.8	31080.4	27277.7	23474.9
0.0	0.0	55°	48289.2	44749.8	41208.4	38426.5	35644.5	32862.6	30080.6	26216.8	22353.0
0.0	0.0	57.5°	49401.6	45772.5	42143.4	38974.1	35804.8	32637.4	29468.1	25243.7	21019.2
0.0	0.0	60°	49109.7	45951.9	42792.1	39397.7	36001.3	32606.9	29210.5	24564.4	19916.4
0.0	0.0	62.5°	44041.9	41527.1	39010.3	36218.8	33425.4	30633.9	27842.4	23058.9	18275.4
0.0	0.0	65°	36232.2	34396.6	32561.1	30315.3	28067.6	25821.8	23576.0	19286.7	14999.3
0.0	0.0	67.5°	29365.1	27296.7	25226.5	23436.7	21645.1	19855.3	18063.6	14688.3	11312.9
		70°	23329.9	21080.3	18828.8	17081.0	15331.3	13583.5	11835.7	9591.8	7349.9
		72.5°	18527.3	16499.0	14470.7	12606.6	10740.5	8876.3	7010.2	5684.1	4358.0
		75°	8855.3	8044.4	7233.5	6258.4	5283.4	4308.4	3333.4	2755.2	2179.0
		77.5°	3281.9	2844.9	2406.1	2009.2	1612.3	1217.3	820.5	751.8	683.1
		80°	849.1	740.3	629.7	551.4	471.3	393.1	314.8	284.3	255.7
		82.5°	97.3	89.7	84.0	80.1	74.4	70.6	64.9	59.1	53.4
		85°	5.7	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049133

CATALOG NUMBER: GALN-SA9A-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049133

CATALOG NUMBER: GALN-SA9A-827-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	110.7	110.7
0.0	0.0	2.5°	103.0	101.1
0.0	0.0	5°	108.8	106.9
0.0	0.0	7.5°	120.2	116.4
0.0	0.0	10°	131.7	127.8
0.0	0.0	12.5°	148.8	143.1
0.0	0.0	15°	167.9	156.5
0.0	0.0	17.5°	200.3	175.5
0.0	0.0	20°	270.9	208.0
0.0	0.0	22.5°	381.6	259.5
0.0	0.0	25°	561.0	358.7
0.0	0.0	27.5°	780.4	477.0
0.0	0.0	30°	1038.0	597.2
0.0	0.0	32.5°	1265.0	711.7
0.0	0.0	35°	1560.8	828.1
0.0	0.0	37.5°	1925.2	976.9
0.0	0.0	40°	2490.0	1202.1
0.0	0.0	42.5°	3507.0	1618.0
0.0	0.0	45°	5695.6	2797.2
0.0	0.0	47.5°	8763.7	4627.1
0.0	0.0	50°	10721.4	5905.5
0.0	0.0	52.5°	10881.7	5895.9
0.0	0.0	55°	9933.4	5241.4
0.0	0.0	57.5°	8475.6	4380.9
0.0	0.0	60°	7044.6	3465.0
0.0	0.0	62.5°	5550.6	2392.7
0.0	0.0	65°	4056.5	1692.5
0.0	0.0	67.5°	2913.6	1265.0
		70°	1915.7	969.3
		72.5°	1247.9	789.9
		75°	839.5	654.5
		77.5°	490.4	435.0
		80°	173.6	152.6
		82.5°	32.4	22.9
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049133

CATALOG NUMBER: GALN-SA9A-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

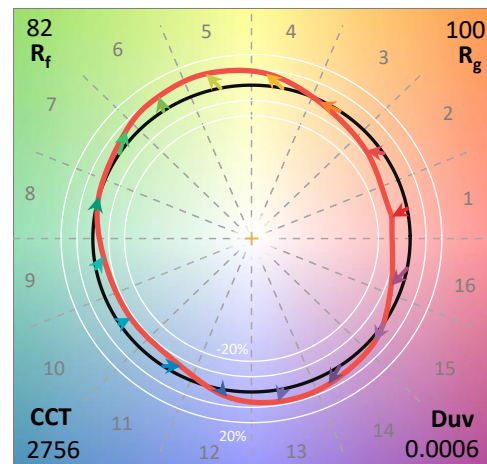
Test Information

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

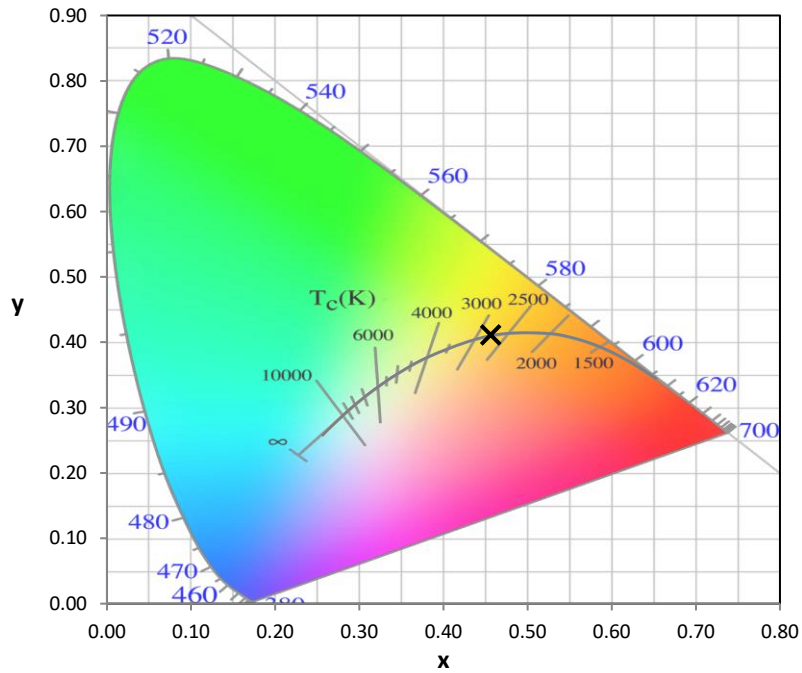
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

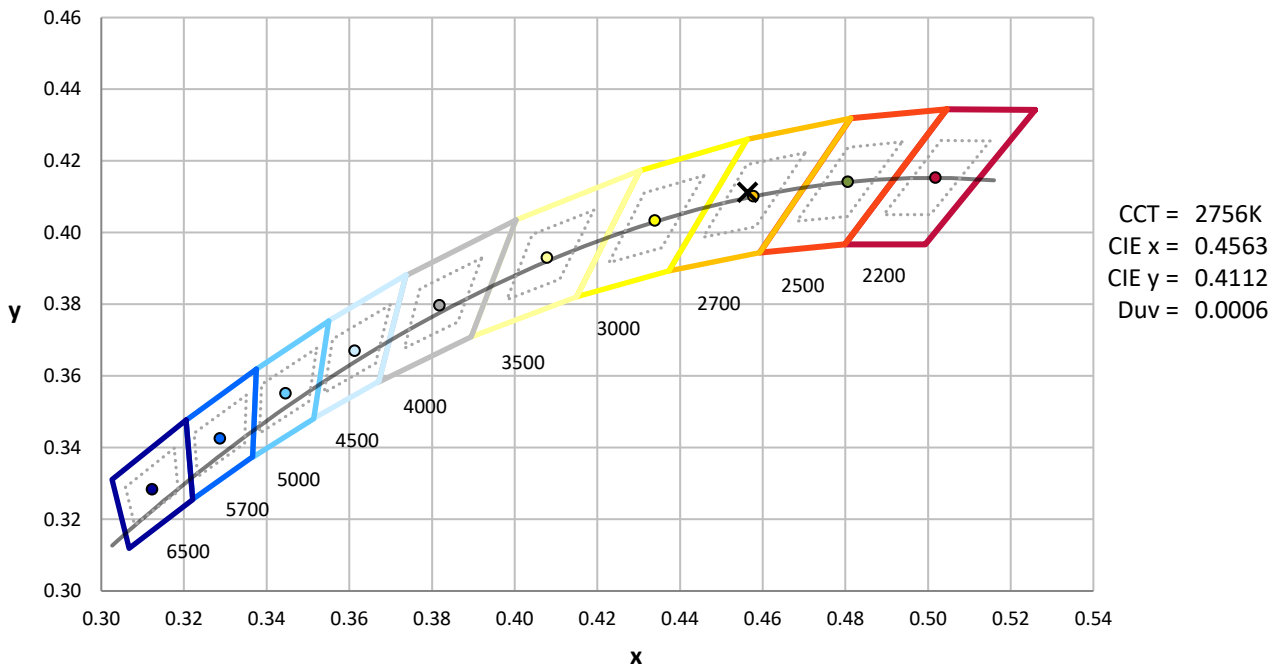
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



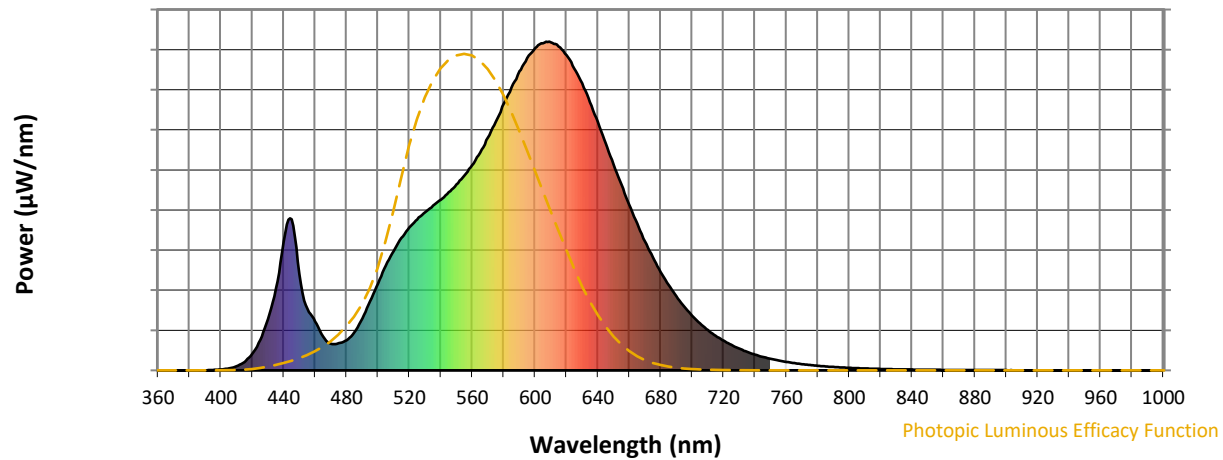
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

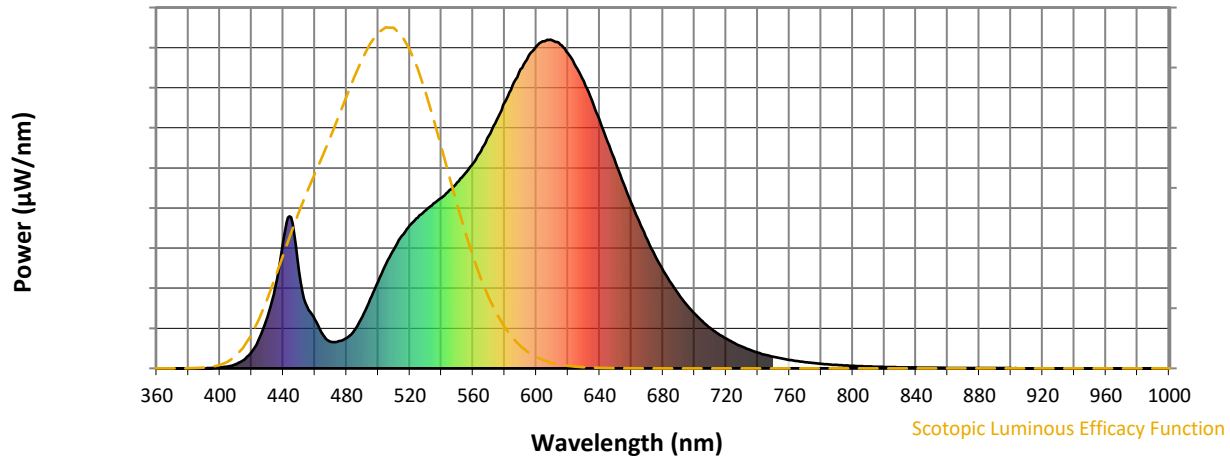


Photopic Lumens: NR

λ (nm)	Power 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			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength



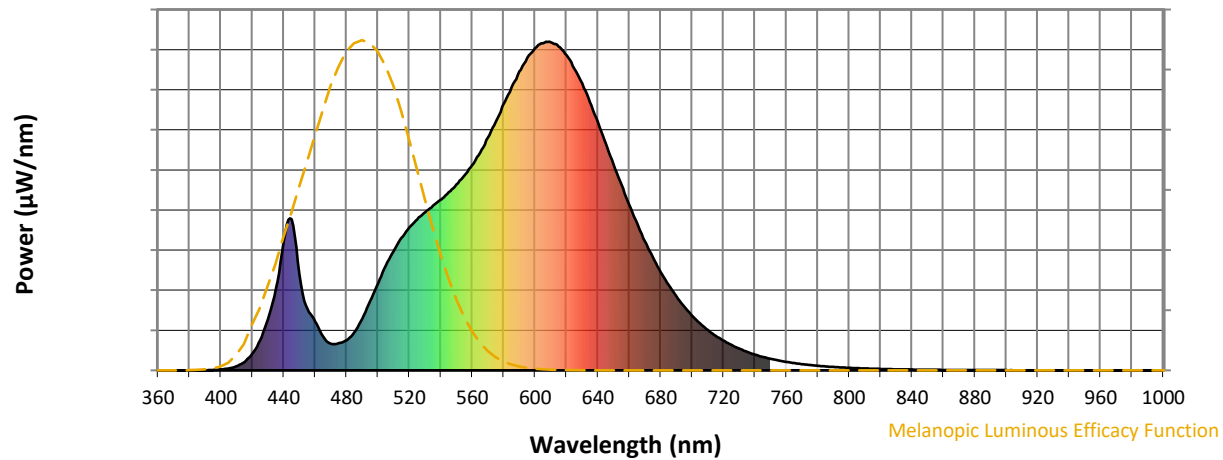
Scotopic Lumens: NR

S/P: 1.2

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

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.16

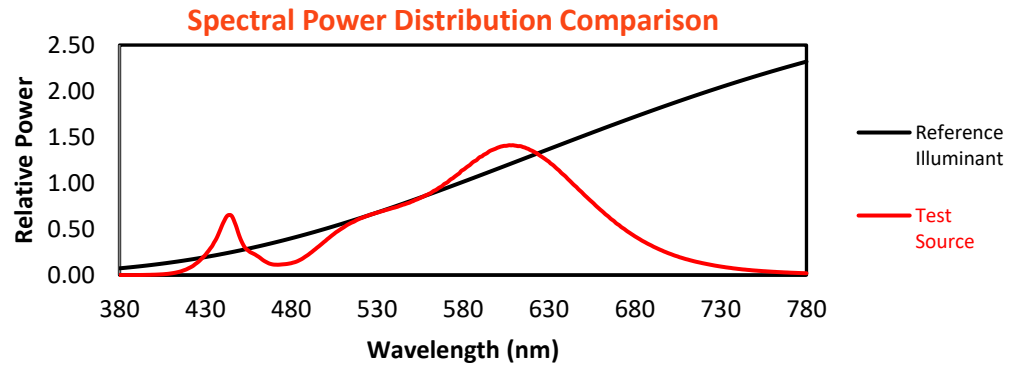
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959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

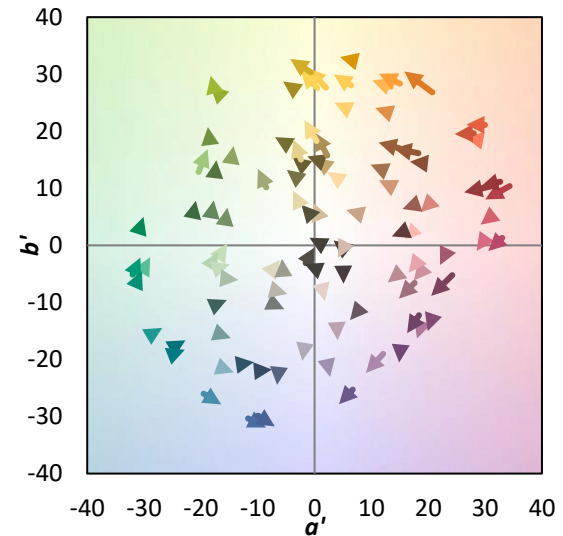
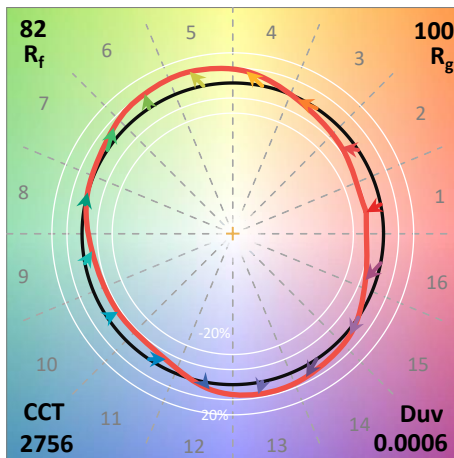
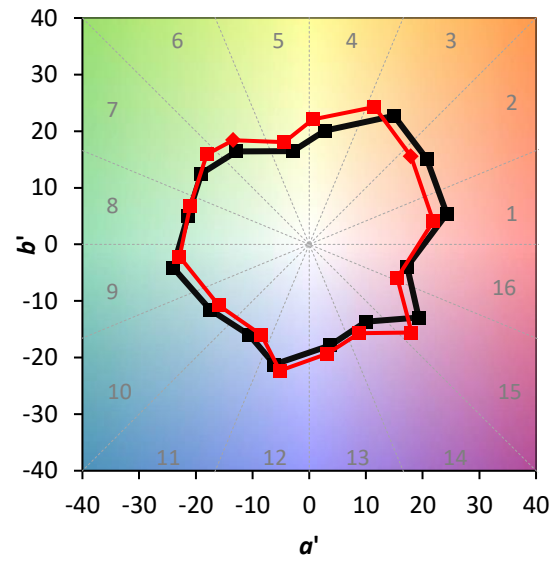
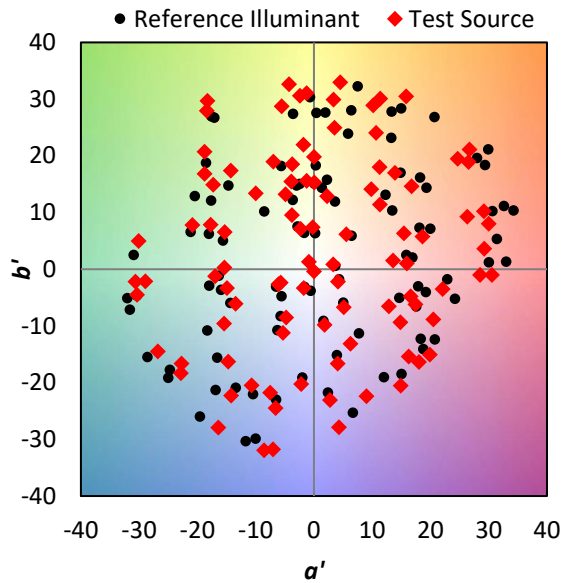
TM-30-18

Summary

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

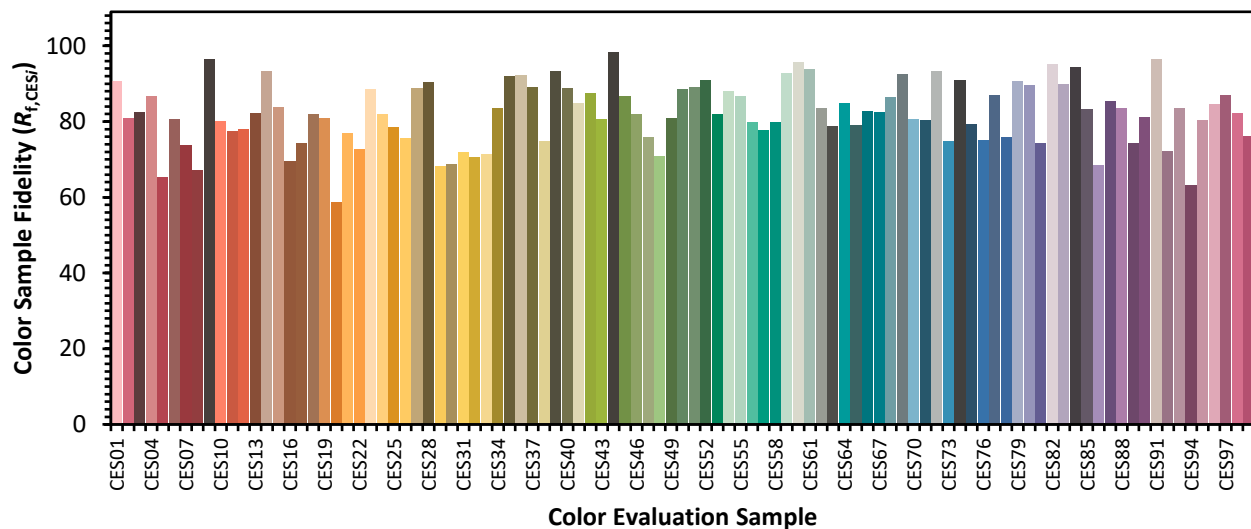


Color Vector Graphics

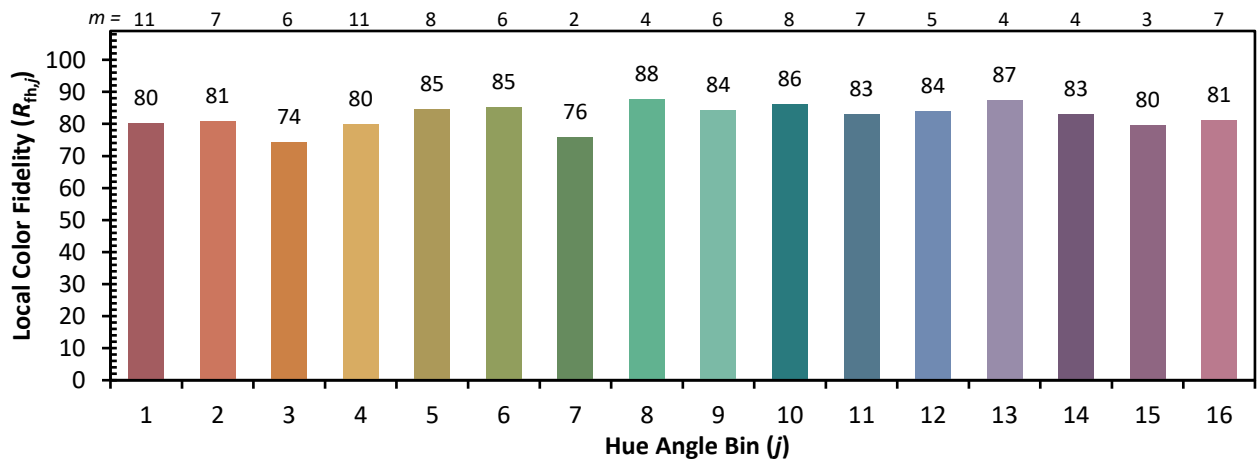
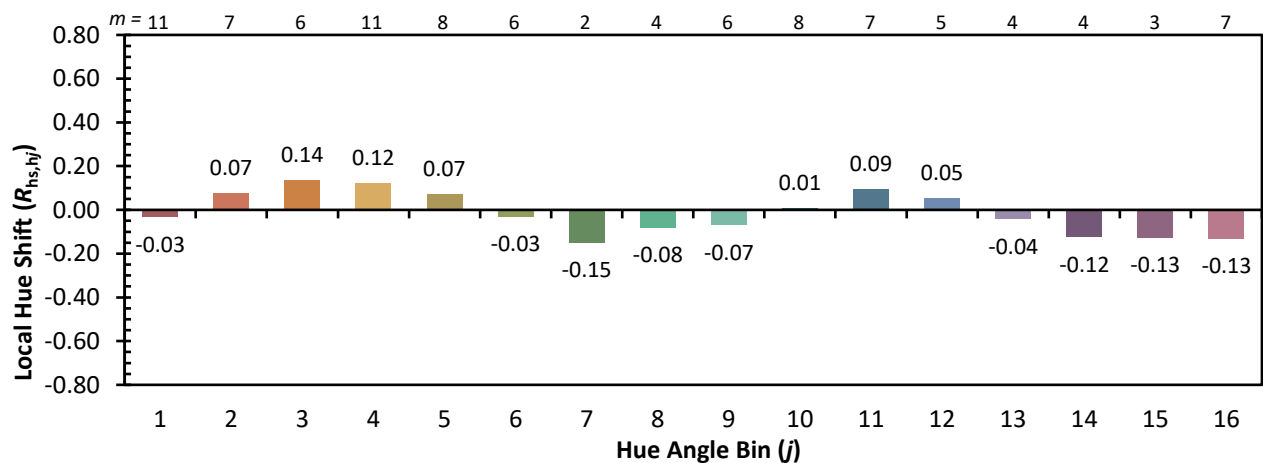
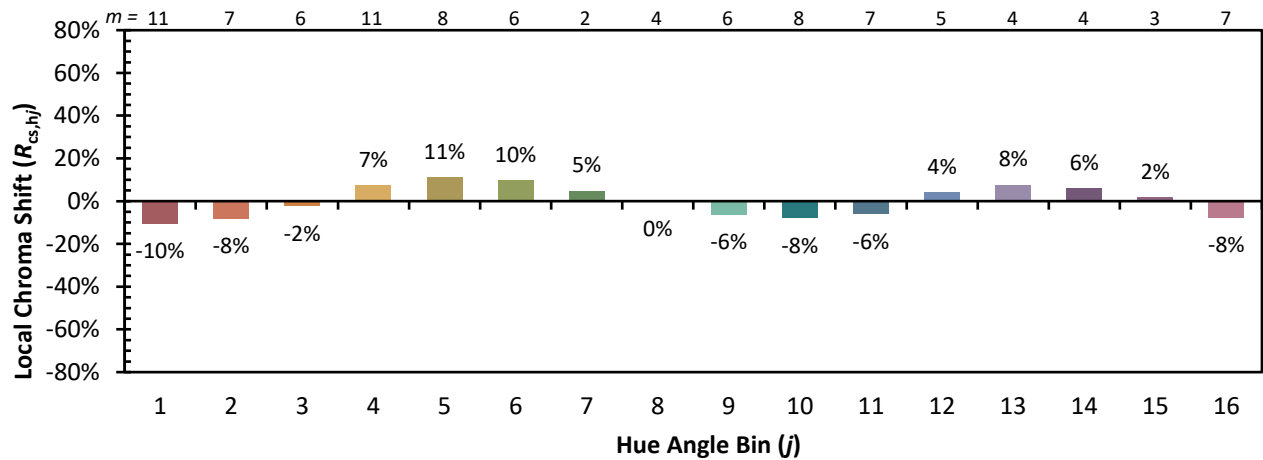


Individual Sample Fidelity Index ($R_{f,i}$)

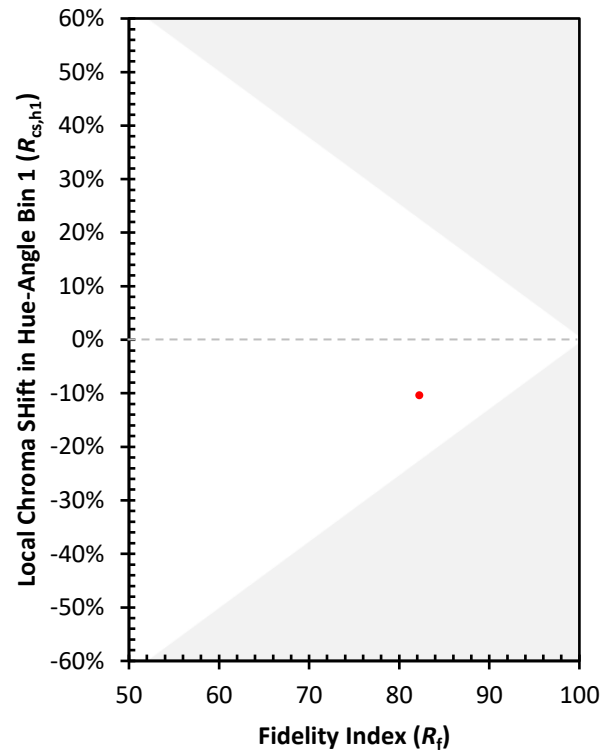
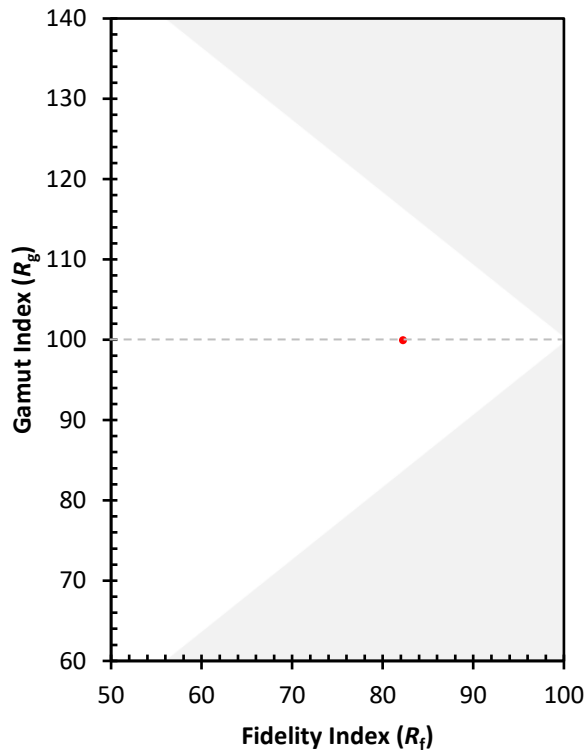
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82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