

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: P1049010

Luminaire Tested: **GALN-SA5B-735-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049010
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5B-735-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 5xLight Square PACKAGE
70CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19984.2 lumens
Efficiency: N/A
Efficacy: 111.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

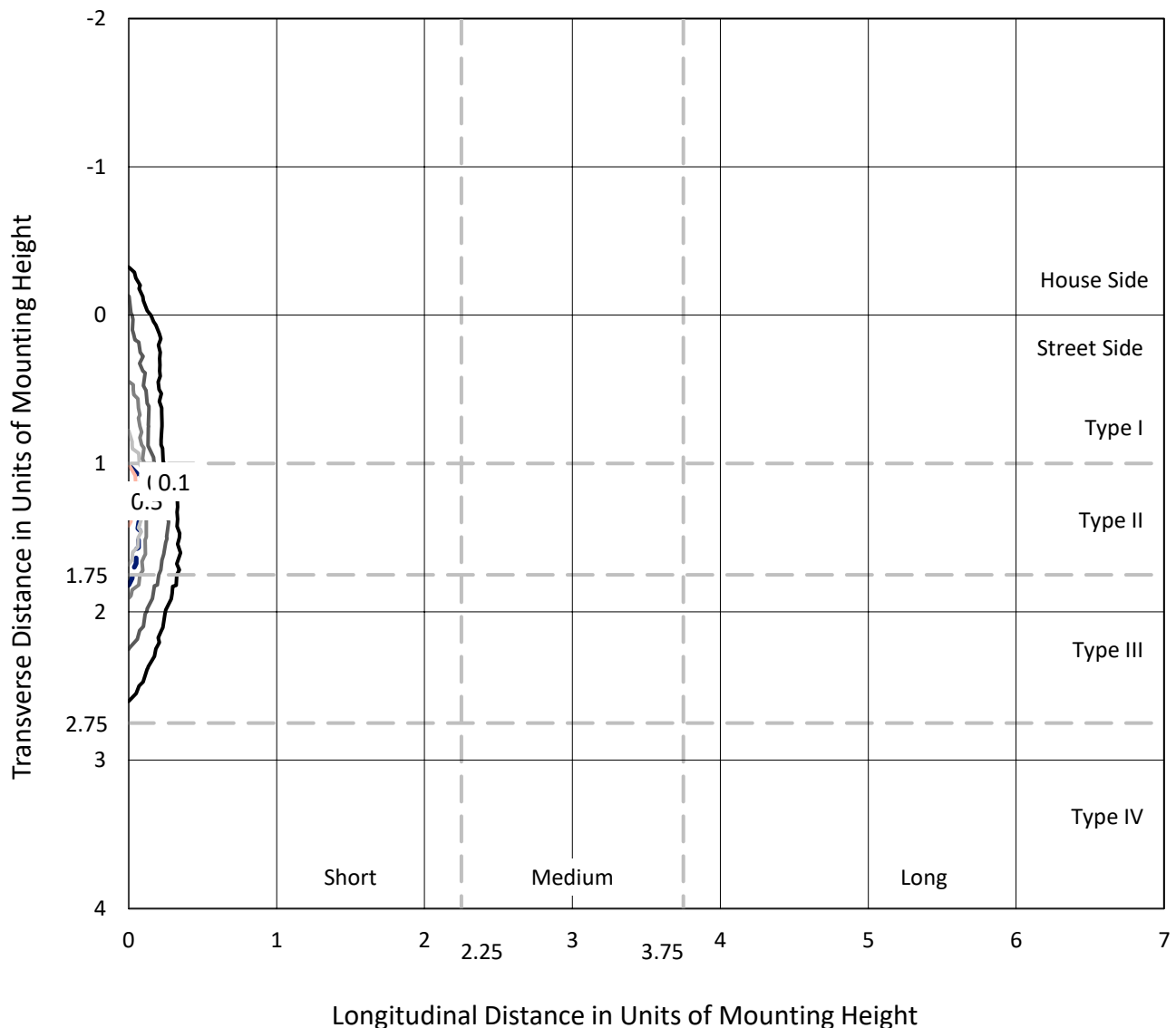
Input Watts (W): 178.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

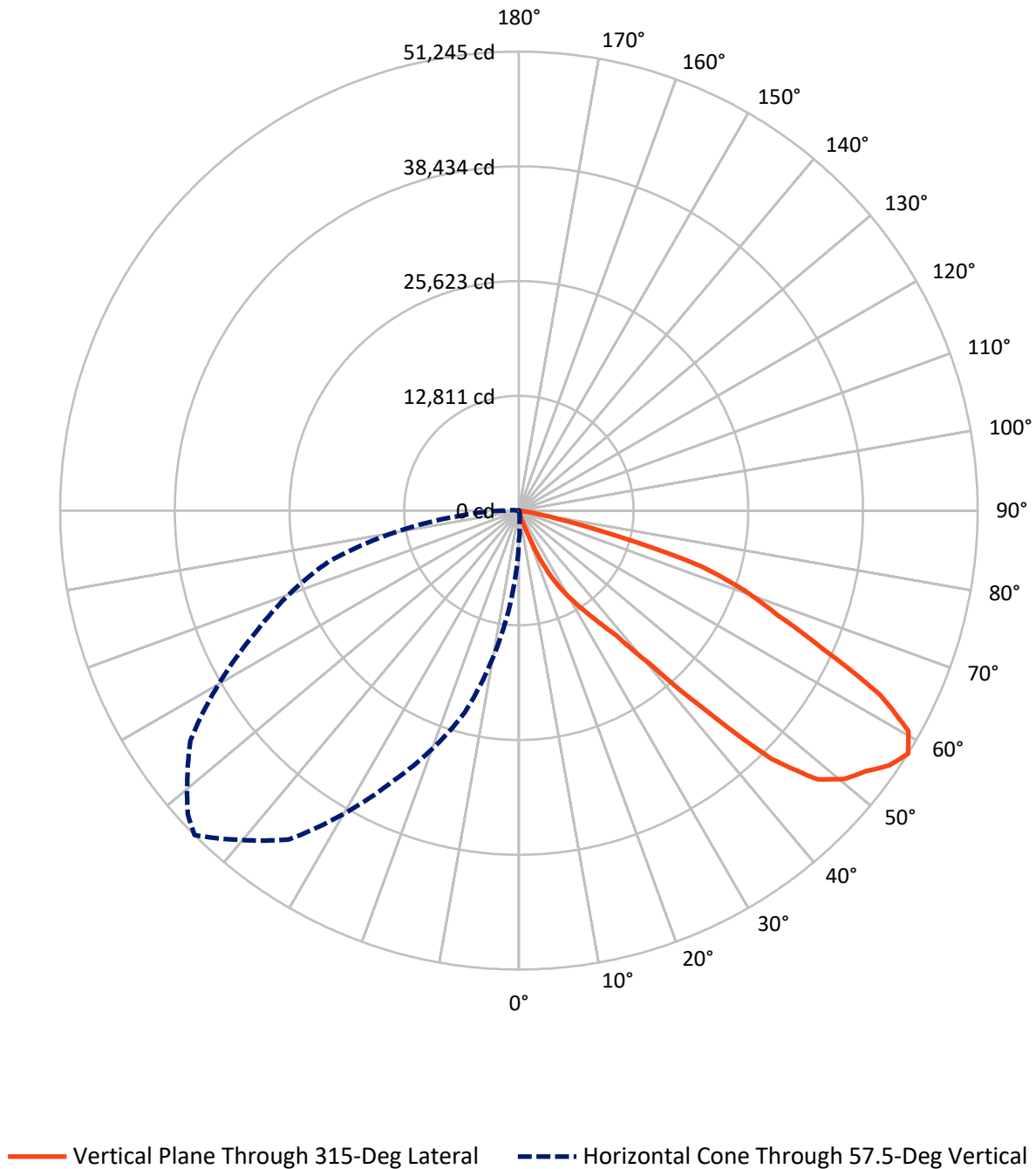
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.9 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	100.1	0.0	100.1
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	19884.1	0.0	19884.1
	% Fixture	99.5	0.0	99.5
Total	Lumens	19984.2	0.0	19984.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.8	0.0
10°-20°	43.9	0.2
20°-30°	473.6	2.4
30°-40°	1400.5	7.0
40°-50°	4173.9	20.9
50°-60°	6618.3	33.1
60°-70°	5524.7	27.6
70°-80°	1703.6	8.5
80°-90°	37.9	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°	19984.2	100.0
0°-180°	19984.2	100.0

Coefficient of Utilization



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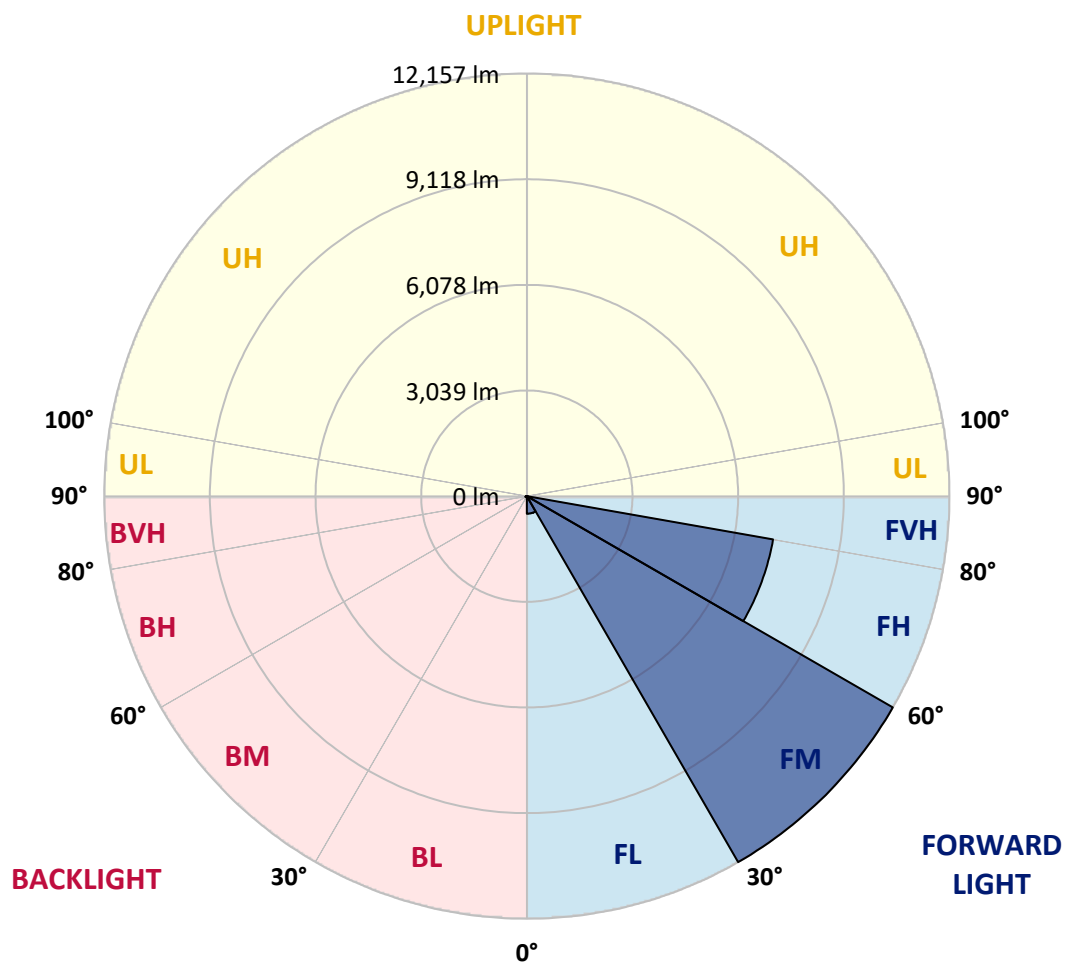
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	507.0	2.5			
FM	(30°-60°)	12156.9	60.8			
FH	(60°-80°)	7191.0	36.0			G3/7500
FVH	(80°-90°)	29.3	0.1			G1/100
BL	(0°-30°)	18.4	0.1	B0/110		
BM	(30°-60°)	35.8	0.2	B0/220		
BH	(60°-80°)	37.3	0.2	B0/110		G0/110
BVH	(80°-90°)	8.6	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-G3

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°	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
2.5°	80.0	80.0	80.0	80.0	78.5	78.5	77.0	77.0	75.5	75.5
5°	84.6	84.6	83.1	81.6	81.6	80.0	78.5	77.0	77.0	75.5
7.5°	92.1	90.6	89.1	87.6	84.6	83.1	80.0	78.5	77.0	74.0
10°	101.2	98.2	95.1	92.1	89.1	86.1	83.1	81.6	78.5	77.0
12.5°	113.3	108.7	102.7	98.2	95.1	90.6	87.6	84.6	80.0	77.0
15°	123.8	117.8	110.2	104.2	99.7	93.6	89.1	84.6	81.6	77.0
17.5°	138.9	128.4	116.3	108.7	102.7	95.1	87.6	83.1	78.5	72.5
20°	164.6	143.5	120.8	111.8	102.7	93.6	84.6	78.5	74.0	68.0
22.5°	205.4	169.1	132.9	119.3	107.2	93.6	81.6	75.5	69.5	63.4
25°	283.9	219.0	154.0	135.9	117.8	99.7	81.6	74.0	68.0	60.4
27.5°	377.5	280.9	182.7	157.1	132.9	107.2	81.6	72.5	64.9	55.9
30°	472.7	344.3	214.4	181.2	148.0	114.8	81.6	71.0	61.9	51.3
32.5°	563.3	403.2	241.6	202.4	163.1	122.3	83.1	71.0	58.9	46.8
35°	655.4	451.5	246.2	205.4	164.6	122.3	81.6	68.0	55.9	42.3
37.5°	773.2	505.9	237.1	196.3	157.1	116.3	77.0	64.9	52.9	39.3
40°	951.4	596.5	241.6	199.3	157.1	114.8	72.5	60.4	49.8	37.8
42.5°	1280.6	771.7	261.3	212.9	164.6	114.8	66.4	55.9	46.8	36.2
45°	2213.9	1282.2	350.4	277.9	205.4	132.9	60.4	51.3	43.8	34.7
47.5°	3662.2	2146.0	629.7	486.3	344.3	200.9	58.9	51.3	43.8	34.7
50°	4674.0	2733.4	792.8	610.1	427.4	244.7	61.9	52.9	45.3	36.2
52.5°	4666.5	2775.7	883.5	678.1	474.2	268.8	64.9	55.9	48.3	39.3
55°	4148.5	2525.0	900.1	691.7	484.8	276.4	69.5	60.4	51.3	42.3
57.5°	3467.4	2144.5	821.5	635.8	451.5	265.8	80.0	69.5	60.4	49.8
60°	2742.5	1691.4	640.3	505.9	373.0	238.6	105.7	92.1	80.0	66.4
62.5°	1893.8	1226.3	558.8	448.5	339.8	229.5	120.8	107.2	95.1	81.6
65°	1339.5	922.7	504.4	410.8	318.6	225.0	131.4	116.3	102.7	87.6
67.5°	1001.3	734.0	465.1	385.1	305.1	225.0	145.0	126.9	110.2	92.1
70°	767.2	602.6	436.4	371.5	308.1	243.1	178.2	152.5	128.4	102.7
72.5°	625.2	515.0	403.2	356.4	309.6	262.8	216.0	182.7	149.5	114.8
75°	518.0	441.0	364.0	324.7	286.9	247.7	208.4	178.2	149.5	119.3
77.5°	344.3	314.1	282.4	259.8	237.1	212.9	190.3	164.6	140.4	114.8
80°	120.8	116.3	111.8	120.8	129.9	138.9	148.0	129.9	113.3	95.1
82.5°	18.1	16.6	15.1	16.6	18.1	19.6	21.1	22.7	24.2	25.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA5B-735-U-RBC

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°	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
0.0	2.5°	74.0	74.0	72.5	72.5	72.5	71.0	71.0	69.5	69.5	69.5
0.0	5°	72.5	72.5	71.0	69.5	68.0	68.0	66.4	64.9	64.9	63.4
0.0	7.5°	71.0	69.5	68.0	66.4	64.9	63.4	61.9	60.4	60.4	58.9
0.0	10°	72.5	69.5	68.0	64.9	63.4	61.9	58.9	57.4	55.9	55.9
0.0	12.5°	69.5	68.0	64.9	61.9	60.4	57.4	55.9	52.9	51.3	51.3
0.0	15°	69.5	66.4	61.9	58.9	55.9	54.4	51.3	48.3	46.8	45.3
0.0	17.5°	64.9	61.9	57.4	54.4	51.3	48.3	45.3	42.3	40.8	39.3
0.0	20°	58.9	55.9	51.3	46.8	43.8	40.8	37.8	34.7	33.2	31.7
0.0	22.5°	52.9	49.8	45.3	40.8	37.8	34.7	30.2	27.2	25.7	22.7
0.0	25°	49.8	45.3	40.8	36.2	31.7	28.7	24.2	19.6	16.6	13.6
0.0	27.5°	42.3	37.8	33.2	28.7	24.2	19.6	15.1	10.6	7.6	6.0
0.0	30°	36.2	31.7	27.2	22.7	16.6	12.1	7.6	1.5	1.5	1.5
0.0	32.5°	30.2	25.7	19.6	15.1	12.1	7.6	4.5	0.0	0.0	0.0
0.0	35°	24.2	19.6	13.6	9.1	7.6	4.5	3.0	0.0	0.0	0.0
0.0	37.5°	21.1	16.6	10.6	4.5	3.0	3.0	1.5	0.0	0.0	0.0
0.0	40°	19.6	13.6	7.6	1.5	1.5	1.5	0.0	0.0	0.0	0.0
0.0	42.5°	19.6	13.6	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	19.6	13.6	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	19.6	13.6	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	21.1	15.1	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	24.2	18.1	12.1	6.0	4.5	3.0	1.5	0.0	0.0	0.0
0.0	55°	30.2	27.2	22.7	19.6	15.1	10.6	4.5	0.0	0.0	0.0
0.0	57.5°	39.3	39.3	37.8	36.2	27.2	18.1	9.1	0.0	0.0	0.0
0.0	60°	52.9	52.9	52.9	52.9	39.3	27.2	13.6	0.0	0.0	0.0
0.0	62.5°	64.9	61.9	57.4	54.4	40.8	27.2	13.6	0.0	0.0	0.0
0.0	65°	64.9	58.9	51.3	43.8	33.2	22.7	10.6	0.0	0.0	0.0
0.0	67.5°	60.4	48.3	34.7	22.7	16.6	12.1	6.0	0.0	0.0	0.0
	70°	60.4	42.3	24.2	6.0	4.5	3.0	1.5	0.0	0.0	0.0
	72.5°	60.4	40.8	19.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	66.4	45.3	22.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	66.4	45.3	22.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	58.9	39.3	19.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	19.6	13.6	6.0	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]



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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°	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
0.0	2.5°	68.0	68.0	68.0	66.4	66.4	66.4	66.4	64.9	64.9	64.9
0.0	5°	61.9	61.9	60.4	60.4	58.9	58.9	57.4	57.4	55.9	55.9
0.0	7.5°	57.4	55.9	55.9	54.4	52.9	52.9	51.3	51.3	49.8	48.3
0.0	10°	52.9	51.3	51.3	49.8	48.3	46.8	46.8	45.3	43.8	42.3
0.0	12.5°	48.3	46.8	45.3	43.8	42.3	40.8	40.8	39.3	37.8	36.2
0.0	15°	42.3	40.8	39.3	37.8	36.2	34.7	34.7	33.2	31.7	30.2
0.0	17.5°	36.2	34.7	34.7	33.2	31.7	30.2	28.7	25.7	24.2	22.7
0.0	20°	27.2	25.7	24.2	22.7	21.1	18.1	16.6	13.6	10.6	9.1
0.0	22.5°	18.1	15.1	13.6	10.6	7.6	6.0	4.5	1.5	0.0	0.0
0.0	25°	6.0	4.5	3.0	1.5	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-SA5B-735-U-RBC

[illegible]

REPORT NUMBER: P1049010

CATALOG NUMBER: GALN-SA5B-735-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
0.0	2.5°	63.4	63.4	63.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9
0.0	5°	54.4	54.4	54.4	52.9	52.9	51.3	51.3	51.3	49.8	49.8
0.0	7.5°	46.8	45.3	45.3	43.8	43.8	42.3	42.3	42.3	40.8	40.8
0.0	10°	39.3	37.8	37.8	36.2	36.2	34.7	34.7	33.2	33.2	31.7
0.0	12.5°	34.7	33.2	31.7	30.2	30.2	28.7	27.2	27.2	25.7	24.2
0.0	15°	27.2	25.7	24.2	22.7	21.1	19.6	18.1	18.1	16.6	15.1
0.0	17.5°	18.1	15.1	13.6	12.1	12.1	10.6	9.1	7.6	6.0	4.5
0.0	20°	4.5	3.0	1.5	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: P1049010

CATALOG NUMBER: GALN-SA5B-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049010

CATALOG NUMBER: GALN-SA5B-735-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°	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
0.0	2.5°	61.9	60.4	60.4	60.4	61.9	61.9	61.9	61.9	61.9	61.9
0.0	5°	49.8	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
0.0	7.5°	40.8	39.3	39.3	39.3	39.3	37.8	37.8	37.8	37.8	37.8
0.0	10°	31.7	30.2	30.2	30.2	30.2	28.7	28.7	28.7	28.7	28.7
0.0	12.5°	22.7	22.7	21.1	21.1	21.1	19.6	19.6	19.6	19.6	18.1
0.0	15°	13.6	12.1	10.6	10.6	10.6	9.1	9.1	9.1	9.1	7.6
0.0	17.5°	3.0	3.0	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049010

CATALOG NUMBER: GALN-SA5B-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049010

CATALOG NUMBER: GALN-SA5B-735-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
0.0	2.5°	63.4	63.4	64.9	64.9	66.4	69.5	71.0	72.5	75.5	78.5
0.0	5°	49.8	51.3	51.3	52.9	54.4	55.9	57.4	58.9	61.9	64.9
0.0	7.5°	39.3	39.3	40.8	40.8	42.3	45.3	46.8	48.3	51.3	55.9
0.0	10°	30.2	30.2	31.7	31.7	33.2	36.2	37.8	39.3	42.3	46.8
0.0	12.5°	19.6	21.1	21.1	22.7	24.2	27.2	28.7	30.2	33.2	36.2
0.0	15°	9.1	10.6	10.6	12.1	13.6	16.6	18.1	19.6	22.7	27.2
0.0	17.5°	1.5	1.5	3.0	3.0	4.5	6.0	7.6	9.1	13.6	16.6
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA5B-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049010

CATALOG NUMBER: GALN-SA5B-735-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°	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
0.0	2.5°	83.1	86.1	89.1	92.1	95.1	98.2	99.7	102.7	104.2	105.7
0.0	5°	71.0	74.0	78.5	81.6	84.6	87.6	90.6	92.1	93.6	95.1
0.0	7.5°	61.9	64.9	69.5	72.5	75.5	78.5	81.6	84.6	86.1	87.6
0.0	10°	52.9	57.4	60.4	64.9	68.0	71.0	74.0	77.0	80.0	81.6
0.0	12.5°	42.3	46.8	51.3	54.4	58.9	63.4	66.4	69.5	72.5	75.5
0.0	15°	33.2	37.8	42.3	45.3	49.8	54.4	58.9	61.9	64.9	68.0
0.0	17.5°	24.2	28.7	33.2	36.2	40.8	45.3	48.3	52.9	55.9	58.9
0.0	20°	12.1	16.6	21.1	25.7	30.2	34.7	37.8	42.3	45.3	48.3
0.0	22.5°	1.5	6.0	10.6	13.6	18.1	22.7	25.7	30.2	33.2	36.2
0.0	25°	0.0	1.5	4.5	6.0	7.6	10.6	13.6	16.6	19.6	22.7
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.5	3.0	6.0	9.1	12.1
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
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	1.5
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	3.0
	85°	0.0	0.0	0.0	0.0	0.0	3.0	4.5	7.6	9.1	10.6
	87.5°	0.0	1.5	3.0	4.5	6.0	9.1	12.1	15.1	16.6	18.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049010

CATALOG NUMBER: GALN-SA5B-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
87.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.5	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											
1.5											
6.0											
13.6											
19.6											
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REPORT NUMBER: P1049010

CATALOG NUMBER: GALN-SA5B-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
0.0	2.5°	107.2	107.2	107.2	107.2	105.7	105.7	105.7	104.2	104.2	102.7
0.0	5°	98.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	98.2	98.2
0.0	7.5°	90.6	92.1	93.6	93.6	95.1	95.1	95.1	93.6	93.6	92.1
0.0	10°	86.1	87.6	87.6	89.1	89.1	89.1	89.1	89.1	89.1	89.1
0.0	12.5°	80.0	81.6	83.1	83.1	84.6	84.6	84.6	84.6	83.1	83.1
0.0	15°	72.5	75.5	77.0	78.5	78.5	80.0	80.0	80.0	80.0	80.0
0.0	17.5°	66.4	69.5	71.0	72.5	72.5	74.0	74.0	75.5	75.5	75.5
0.0	20°	54.4	57.4	58.9	61.9	63.4	64.9	66.4	68.0	68.0	69.5
0.0	22.5°	42.3	45.3	46.8	49.8	51.3	52.9	54.4	55.9	57.4	58.9
0.0	25°	30.2	33.2	34.7	37.8	39.3	40.8	42.3	43.8	43.8	45.3
0.0	27.5°	16.6	19.6	22.7	24.2	27.2	28.7	30.2	31.7	33.2	34.7
0.0	30°	7.6	9.1	10.6	13.6	15.1	16.6	18.1	21.1	22.7	24.2
0.0	32.5°	0.0	0.0	1.5	4.5	6.0	7.6	9.1	10.6	10.6	12.1
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.0	4.5	6.0
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°	3.0	3.0	3.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5
	82.5°	7.6	9.1	10.6	10.6	12.1	12.1	12.1	12.1	10.6	10.6
	85°	15.1	16.6	18.1	18.1	19.6	19.6	19.6	19.6	19.6	19.6
	87.5°	21.1	22.7	24.2	24.2	25.7	25.7	25.7	25.7	25.7	25.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049010

CATALOG NUMBER: GALN-SA5B-735-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
87.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	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											
4.5											
10.6											
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25.7											
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REPORT NUMBER: P1049010

CATALOG NUMBER: GALN-SA5B-735-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°	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
0.0	2.5°	101.2	101.2	99.7	99.7	99.7	99.7	99.7	101.2	102.7	102.7
0.0	5°	96.7	96.7	95.1	95.1	95.1	96.7	96.7	98.2	99.7	101.2
0.0	7.5°	92.1	90.6	90.6	92.1	92.1	93.6	93.6	95.1	96.7	98.2
0.0	10°	89.1	87.6	87.6	87.6	89.1	89.1	90.6	92.1	93.6	95.1
0.0	12.5°	83.1	83.1	83.1	83.1	84.6	84.6	86.1	87.6	90.6	92.1
0.0	15°	80.0	78.5	78.5	78.5	78.5	80.0	80.0	83.1	86.1	87.6
0.0	17.5°	74.0	74.0	72.5	72.5	74.0	74.0	75.5	78.5	81.6	83.1
0.0	20°	68.0	66.4	64.9	64.9	66.4	66.4	68.0	71.0	74.0	75.5
0.0	22.5°	58.9	57.4	57.4	57.4	57.4	58.9	58.9	61.9	66.4	69.5
0.0	25°	46.8	48.3	48.3	49.8	49.8	51.3	52.9	55.9	60.4	63.4
0.0	27.5°	36.2	37.8	37.8	40.8	42.3	43.8	45.3	49.8	54.4	57.4
0.0	30°	27.2	28.7	30.2	31.7	34.7	37.8	40.8	45.3	49.8	52.9
0.0	32.5°	16.6	19.6	21.1	24.2	27.2	30.2	33.2	37.8	43.8	48.3
0.0	35°	12.1	13.6	16.6	18.1	21.1	24.2	27.2	33.2	37.8	43.8
0.0	37.5°	6.0	9.1	12.1	15.1	18.1	21.1	24.2	30.2	36.2	40.8
0.0	40°	4.5	7.6	9.1	12.1	16.6	19.6	22.7	28.7	34.7	40.8
0.0	42.5°	3.0	4.5	6.0	10.6	13.6	18.1	22.7	28.7	34.7	40.8
0.0	45°	3.0	3.0	4.5	9.1	13.6	19.6	24.2	30.2	34.7	40.8
0.0	47.5°	3.0	4.5	6.0	12.1	15.1	19.6	24.2	28.7	34.7	39.3
0.0	50°	4.5	6.0	7.6	13.6	16.6	21.1	24.2	30.2	34.7	40.8
0.0	52.5°	3.0	4.5	6.0	12.1	16.6	22.7	27.2	33.2	39.3	43.8
0.0	55°	1.5	1.5	1.5	9.1	18.1	25.7	34.7	39.3	45.3	49.8
0.0	57.5°	0.0	0.0	0.0	6.0	18.1	28.7	39.3	45.3	51.3	55.9
0.0	60°	0.0	0.0	0.0	6.0	18.1	28.7	39.3	46.8	54.4	61.9
0.0	62.5°	0.0	0.0	0.0	6.0	15.1	24.2	33.2	45.3	58.9	71.0
0.0	65°	0.0	0.0	0.0	4.5	12.1	19.6	27.2	45.3	63.4	80.0
0.0	67.5°	0.0	0.0	0.0	4.5	12.1	18.1	25.7	45.3	63.4	83.1
	70°	0.0	0.0	0.0	4.5	12.1	19.6	27.2	45.3	63.4	81.6
	72.5°	0.0	0.0	0.0	4.5	13.6	21.1	30.2	45.3	60.4	75.5
	75°	0.0	0.0	0.0	6.0	13.6	22.7	31.7	45.3	58.9	71.0
	77.5°	0.0	0.0	0.0	4.5	13.6	21.1	30.2	43.8	57.4	69.5
	80°	4.5	3.0	3.0	7.6	13.6	19.6	25.7	39.3	54.4	68.0
	82.5°	9.1	9.1	7.6	10.6	13.6	18.1	22.7	34.7	48.3	60.4
	85°	18.1	18.1	16.6	18.1	18.1	19.6	21.1	27.2	33.2	39.3
	87.5°	24.2	24.2	22.7	22.7	22.7	21.1	21.1	21.1	21.1	19.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049010

CATALOG NUMBER: GALN-SA5B-735-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
87.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.7											
90.6											
84.6											
83.1											
81.6											
72.5											
45.3											
19.6											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049010

CATALOG NUMBER: GALN-SA5B-735-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
0.0	2.5°	105.7	107.2	107.2	108.7	110.2	111.8	111.8	113.3	113.3	113.3
0.0	5°	104.2	107.2	108.7	110.2	111.8	113.3	114.8	116.3	117.8	117.8
0.0	7.5°	102.7	104.2	107.2	108.7	111.8	113.3	116.3	117.8	119.3	120.8
0.0	10°	99.7	102.7	105.7	108.7	111.8	114.8	117.8	120.8	123.8	125.3
0.0	12.5°	96.7	101.2	104.2	107.2	111.8	116.3	119.3	123.8	126.9	129.9
0.0	15°	95.1	98.2	102.7	105.7	111.8	117.8	122.3	128.4	134.4	138.9
0.0	17.5°	90.6	96.7	101.2	105.7	111.8	119.3	125.3	131.4	140.4	149.5
0.0	20°	84.6	89.1	95.1	99.7	108.7	116.3	125.3	132.9	146.5	160.1
0.0	22.5°	78.5	84.6	89.1	95.1	105.7	114.8	125.3	134.4	157.1	178.2
0.0	25°	72.5	80.0	86.1	92.1	104.2	116.3	128.4	140.4	178.2	216.0
0.0	27.5°	69.5	75.5	83.1	89.1	104.2	120.8	135.9	151.0	211.4	270.3
0.0	30°	64.9	72.5	78.5	86.1	105.7	125.3	145.0	164.6	256.7	348.9
0.0	32.5°	60.4	68.0	75.5	83.1	108.7	134.4	158.6	184.2	305.1	424.4
0.0	35°	55.9	64.9	72.5	80.0	113.3	148.0	181.2	214.4	348.9	481.8
0.0	37.5°	54.4	63.4	71.0	78.5	114.8	149.5	185.8	220.5	353.4	486.3
0.0	40°	55.9	63.4	72.5	80.0	110.2	140.4	169.1	199.3	338.3	475.7
0.0	42.5°	55.9	64.9	74.0	83.1	107.2	131.4	155.5	179.7	333.8	487.8
0.0	45°	54.4	63.4	72.5	81.6	104.2	125.3	148.0	169.1	360.9	551.2
0.0	47.5°	52.9	61.9	71.0	80.0	102.7	125.3	148.0	170.7	466.6	761.1
0.0	50°	52.9	61.9	69.5	77.0	104.2	132.9	160.1	187.3	679.6	1170.4
0.0	52.5°	55.9	63.4	69.5	75.5	107.2	140.4	172.2	203.9	863.8	1522.3
0.0	55°	60.4	64.9	71.0	75.5	114.8	152.5	191.8	229.5	919.7	1609.9
0.0	57.5°	66.4	71.0	75.5	80.0	128.4	176.7	223.5	271.8	924.2	1575.1
0.0	60°	74.0	80.0	84.6	89.1	140.4	193.3	244.7	296.0	836.6	1375.8
0.0	62.5°	90.6	98.2	104.2	111.8	161.6	209.9	259.8	308.1	694.7	1081.3
0.0	65°	104.2	110.2	116.3	122.3	170.7	220.5	268.8	317.1	589.0	860.8
0.0	67.5°	107.2	113.3	117.8	123.8	173.7	223.5	271.8	321.7	504.4	685.6
	70°	108.7	116.3	125.3	132.9	184.2	235.6	285.4	336.8	447.0	557.3
	72.5°	104.2	119.3	132.9	146.5	194.8	241.6	290.0	336.8	415.3	493.8
	75°	104.2	125.3	145.0	164.6	200.9	235.6	271.8	306.6	367.0	427.4
	77.5°	110.2	137.4	164.6	191.8	212.9	232.6	253.7	273.3	312.6	351.9
	80°	110.2	138.9	166.1	194.8	203.9	214.4	223.5	232.6	237.1	241.6
	82.5°	95.1	117.8	140.4	163.1	152.5	142.0	131.4	120.8	113.3	104.2
	85°	48.3	52.9	55.9	58.9	54.4	49.8	45.3	40.8	37.8	33.2
	87.5°	19.6	19.6	18.1	18.1	18.1	18.1	16.6	16.6	16.6	16.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049010

CATALOG NUMBER: GALN-SA5B-735-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
87.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
237.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
321.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
447.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
605.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
756.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
859.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
936.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1013.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1164.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1466.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2235.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3423.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4310.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4408.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3977.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3400.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2657.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1483.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1049.6											
780.8											
567.8											
427.4											
240.1											
108.7											
31.7											
15.1											
0.0											
0.0											
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REPORT NUMBER: P1049010

CATALOG NUMBER: GALN-SA5B-735-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°	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
0.0	2.5°	113.3	111.8	111.8	110.2	108.7	107.2	105.7	104.2	102.7	101.2
0.0	5°	117.8	117.8	117.8	116.3	116.3	114.8	114.8	113.3	111.8	110.2
0.0	7.5°	122.3	123.8	123.8	125.3	125.3	125.3	125.3	123.8	123.8	123.8
0.0	10°	129.9	131.4	132.9	134.4	135.9	137.4	137.4	138.9	138.9	138.9
0.0	12.5°	138.9	143.5	146.5	151.0	154.0	158.6	161.6	166.1	169.1	172.2
0.0	15°	152.5	160.1	169.1	176.7	184.2	194.8	206.9	217.5	228.0	244.7
0.0	17.5°	172.2	196.3	220.5	243.1	267.3	320.2	373.0	424.4	477.2	554.2
0.0	20°	209.9	282.4	353.4	425.9	496.9	682.6	866.8	1052.6	1236.8	1434.7
0.0	22.5°	294.5	472.7	650.9	829.1	1007.3	1395.4	1782.0	2170.1	2556.8	3011.3
0.0	25°	427.4	755.1	1082.8	1409.0	1736.7	2343.8	2952.4	3559.5	4166.6	4757.1
0.0	27.5°	622.2	1123.6	1625.0	2124.8	2626.2	3449.3	4273.8	5096.9	5919.9	6587.4
0.0	30°	862.3	1541.9	2221.5	2901.1	3580.7	4517.0	5453.3	6388.1	7324.4	8053.8
0.0	32.5°	1088.8	1921.0	2753.1	3583.7	4415.8	5482.0	6549.7	7615.9	8682.1	9479.5
0.0	35°	1236.8	2242.6	3249.9	4255.7	5261.5	6415.3	7569.1	8721.3	9875.1	10785.8
0.0	37.5°	1384.8	2546.2	3706.0	4867.3	6027.2	7294.2	8561.3	9828.3	11095.4	12220.4
0.0	40°	1551.0	2913.2	4273.8	5636.0	6996.7	8497.8	9997.5	11498.6	12998.2	14585.4
0.0	42.5°	1839.4	3521.8	5205.6	6888.0	8570.3	10556.2	12542.1	14526.5	16512.4	18777.7
0.0	45°	2381.6	4752.6	7125.1	9496.1	11867.1	14497.8	17130.1	19760.8	22391.6	25405.9
0.0	47.5°	3709.0	6971.0	10231.5	13493.5	16754.0	19594.7	22433.9	25274.5	28113.7	31115.9
0.0	50°	5675.3	9471.9	13268.5	17063.6	20860.2	23430.6	25999.4	28569.8	31138.6	33994.4
0.0	52.5°	7097.9	11053.1	15009.8	18965.0	22920.1	25239.8	27560.9	29880.6	32200.3	34868.8
0.0	55°	7205.1	11137.6	15071.7	19004.2	22936.8	25267.0	27597.2	29927.4	32257.6	35086.2
0.0	57.5°	6379.0	10279.9	14179.2	18080.0	21979.3	24632.7	27284.6	29938.0	32589.9	35648.0
0.0	60°	5426.1	9328.4	13229.3	17131.6	21032.4	24089.0	27147.2	30203.8	33260.4	36125.2
0.0	62.5°	4233.1	8247.1	12262.7	16276.8	20290.9	23394.3	26497.8	29599.7	32703.1	34852.1
0.0	65°	3154.8	7052.6	10950.4	14846.7	18744.5	21230.2	23716.0	26200.3	28686.0	30016.5
0.0	67.5°	2280.4	5642.1	9002.2	12363.9	15724.1	17503.1	19282.1	21059.6	22838.6	23856.5
	70°	1541.9	3870.6	6197.8	8526.5	10853.7	12315.6	13779.0	15240.8	16702.7	18077.0
	72.5°	1067.7	2375.5	3684.9	4992.7	6300.5	7771.4	9240.8	10711.8	12181.2	13635.5
	75°	708.3	1303.3	1899.8	2494.8	3089.8	4178.7	5269.0	6357.9	7446.7	8313.6
	77.5°	502.9	681.1	860.8	1039.0	1217.2	1421.1	1626.5	1830.3	2034.2	2343.8
	80°	238.6	261.3	283.9	305.1	327.7	401.7	475.7	549.7	623.7	702.2
	82.5°	113.3	122.3	131.4	138.9	148.0	155.5	163.1	170.7	178.2	170.7
	85°	30.2	30.2	31.7	31.7	31.7	31.7	31.7	31.7	31.7	30.2
	87.5°	13.6	13.6	13.6	13.6	13.6	13.6	13.6	12.1	12.1	10.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
87.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
262.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
629.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1634.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3465.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5347.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7254.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8784.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10278.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11696.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13347.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16172.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21043.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28420.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34118.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36850.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37537.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37916.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38706.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38988.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37002.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31348.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24875.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19449.7											
15089.8											
9180.4											
2653.4											
780.8											
161.6											
28.7											
10.6											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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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°	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
0.0	2.5°	98.2	96.7	95.1	93.6	92.1	89.1	89.1	87.6	87.6
0.0	5°	107.2	105.7	104.2	102.7	102.7	101.2	99.7	99.7	98.2
0.0	7.5°	122.3	120.8	119.3	117.8	117.8	116.3	116.3	114.8	114.8
0.0	10°	140.4	140.4	140.4	140.4	140.4	138.9	138.9	138.9	137.4
0.0	12.5°	176.7	178.2	181.2	184.2	188.8	188.8	188.8	187.3	187.3
0.0	15°	279.4	296.0	308.1	320.2	330.7	354.9	351.9	347.3	344.3
0.0	17.5°	706.8	782.3	823.1	862.3	903.1	1014.8	996.7	978.6	962.0
0.0	20°	1831.9	2029.7	2161.1	2292.5	2425.4	2635.3	2583.9	2532.6	2481.2
0.0	22.5°	3918.9	4373.5	4571.3	4769.2	4965.5	5219.2	5054.6	4890.0	4726.9
0.0	25°	5936.6	6527.0	6860.8	7194.5	7526.8	7671.8	7457.3	7241.4	7026.9
0.0	27.5°	7922.5	8590.0	8884.4	9177.4	9471.9	9775.5	9509.7	9242.4	8976.6
0.0	30°	9514.2	10243.6	10562.3	10879.4	11198.1	11409.5	11134.6	10858.3	10583.4
0.0	32.5°	11075.7	11873.1	12222.0	12570.8	12918.2	13221.7	12883.4	12543.6	12205.3
0.0	35°	12605.5	13516.2	13996.4	14476.7	14956.9	15239.3	14837.6	14434.4	14032.7
0.0	37.5°	14472.1	15597.2	16134.9	16672.5	17210.1	17725.1	17282.6	16838.6	16396.1
0.0	40°	17759.8	19347.0	20171.6	20997.7	21822.2	22486.7	21927.9	21369.2	20810.4
0.0	42.5°	23308.3	25573.5	26759.0	27943.0	29128.5	30166.0	29578.6	28991.1	28403.6
0.0	45°	31434.6	34448.9	35894.2	37337.9	38783.2	39541.3	38695.6	37848.4	37002.7
0.0	47.5°	37118.9	40121.2	41407.9	42694.6	43981.2	44846.6	43812.1	42777.6	41744.6
0.0	50°	39704.4	42560.1	43851.4	45141.1	46432.3	47119.4	45924.8	44728.8	43534.2
0.0	52.5°	40204.3	42872.8	44413.1	45955.1	47495.4	48413.6	47003.1	45591.1	44180.6
0.0	55°	40744.9	43573.5	45360.0	47148.1	48934.7	50206.2	48611.5	47015.2	45420.4
0.0	57.5°	41762.8	44820.9	46602.9	48383.4	50165.5	51245.2	49646.0	48045.2	46445.9
0.0	60°	41853.4	44716.7	46248.0	47780.9	49312.2	49991.8	48462.0	46930.6	45400.8
0.0	62.5°	39151.7	41300.6	42363.8	43427.0	44490.2	45228.7	43632.4	42034.6	40438.3
0.0	65°	32679.0	34009.5	34856.7	35703.9	36551.1	37431.5	35969.7	34507.8	33046.0
0.0	67.5°	25893.7	26911.6	28027.6	29143.6	30259.7	31200.5	30030.1	28858.2	27687.8
	70°	20824.0	22196.8	23451.7	24706.7	25961.7	26731.9	25556.9	24380.5	23205.6
	72.5°	16544.1	17998.4	19046.5	20093.1	21141.1	21329.9	20466.1	19602.3	18739.9
	75°	10045.8	10912.6	10933.8	10953.4	10974.5	11154.3	10438.4	9722.6	9008.3
	77.5°	2963.0	3272.6	3527.8	3781.5	4036.7	4344.8	4082.0	3817.8	3555.0
	80°	857.8	936.3	1002.8	1067.7	1134.2	1094.9	1033.0	971.1	909.1
	82.5°	154.0	145.0	143.5	142.0	142.0	134.4	122.3	110.2	98.2
	85°	27.2	25.7	24.2	22.7	21.1	19.6	16.6	15.1	12.1
	87.5°	9.1	7.6	6.0	4.5	4.5	1.5	1.5	1.5	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
0.0	0.0	2.5°	86.1	84.6	84.6	84.6	84.6	83.1	83.1	83.1	83.1
0.0	0.0	5°	95.1	95.1	93.6	93.6	92.1	92.1	90.6	90.6	89.1
0.0	0.0	7.5°	111.8	110.2	108.7	107.2	105.7	102.7	101.2	99.7	99.7
0.0	0.0	10°	134.4	131.4	129.9	126.9	125.3	122.3	119.3	116.3	113.3
0.0	0.0	12.5°	176.7	170.7	166.1	160.1	154.0	149.5	143.5	138.9	132.9
0.0	0.0	15°	306.6	291.5	274.9	255.2	234.1	214.4	193.3	181.2	167.6
0.0	0.0	17.5°	783.8	705.3	625.2	560.3	495.3	431.9	367.0	320.2	273.3
0.0	0.0	20°	1995.0	1777.5	1560.0	1345.6	1129.6	915.2	699.2	590.5	481.8
0.0	0.0	22.5°	3754.3	3351.1	2946.4	2555.2	2162.6	1771.5	1380.3	1134.2	889.5
0.0	0.0	25°	5794.6	5287.2	4779.7	4136.4	3491.6	2848.2	2204.9	1804.7	1404.5
0.0	0.0	27.5°	7540.4	6955.9	6371.5	5589.2	4806.9	4024.7	3242.4	2645.9	2050.8
0.0	0.0	30°	9052.1	8423.8	7795.6	6885.0	5974.3	5063.7	4153.0	3407.0	2661.0
0.0	0.0	32.5°	10362.9	9610.8	8858.8	7919.4	6980.1	6040.8	5101.4	4186.2	3271.1
0.0	0.0	35°	11874.6	10997.2	10118.3	9076.2	8032.7	6990.7	5948.6	4915.7	3881.2
0.0	0.0	37.5°	13795.6	12718.8	11640.5	10479.2	9317.9	8158.0	6996.7	5815.7	4634.8
0.0	0.0	40°	17472.9	16083.5	14694.1	13218.7	11741.7	10266.3	8790.8	7341.0	5891.2
0.0	0.0	42.5°	24061.8	22184.7	20307.5	18344.3	16379.5	14416.3	12451.5	10406.7	8360.4
0.0	0.0	45°	31498.0	29169.3	26839.1	24635.7	22430.8	20227.5	18024.1	15218.2	12412.2
0.0	0.0	47.5°	35679.7	33165.3	30650.8	28565.2	26479.7	24394.1	22308.5	19283.6	16258.7
0.0	0.0	50°	37218.6	34658.8	32099.1	30179.6	28258.7	26339.2	24418.2	21388.8	18357.9
0.0	0.0	52.5°	37546.3	34935.2	32324.1	30392.6	28461.0	26531.0	24599.5	21589.7	18579.9
0.0	0.0	55°	38219.9	35418.5	32615.6	30413.7	28211.8	26010.0	23808.1	20750.0	17691.9
0.0	0.0	57.5°	39100.3	36227.9	33355.5	30847.1	28338.7	25831.8	23323.4	19979.8	16636.2
0.0	0.0	60°	38869.2	36369.9	33869.0	31182.4	28494.2	25807.6	23119.5	19442.2	15763.4
0.0	0.0	62.5°	34858.2	32867.8	30875.8	28666.4	26455.5	24246.1	22036.7	18250.6	14464.6
0.0	0.0	65°	28677.0	27224.2	25771.4	23993.9	22214.9	20437.4	18659.9	15265.0	11871.6
0.0	0.0	67.5°	23241.8	21604.8	19966.2	18549.7	17131.6	15715.0	14297.0	11625.4	8953.9
		70°	18465.1	16684.6	14902.5	13519.2	12134.4	10751.0	9367.7	7591.7	5817.2
		72.5°	14663.9	13058.6	11453.3	9977.8	8500.9	7025.4	5548.4	4498.9	3449.3
		75°	7008.8	6367.0	5725.1	4953.4	4181.7	3410.0	2638.3	2180.7	1724.6
		77.5°	2597.5	2251.7	1904.3	1590.2	1276.1	963.5	649.4	595.0	540.6
		80°	672.0	586.0	498.4	436.4	373.0	311.1	249.2	225.0	202.4
		82.5°	77.0	71.0	66.4	63.4	58.9	55.9	51.3	46.8	42.3
		85°	4.5	3.0	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
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049010

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	87.6	87.6
0.0	0.0	2.5°	81.6	80.0
0.0	0.0	5°	86.1	84.6
0.0	0.0	7.5°	95.1	92.1
0.0	0.0	10°	104.2	101.2
0.0	0.0	12.5°	117.8	113.3
0.0	0.0	15°	132.9	123.8
0.0	0.0	17.5°	158.6	138.9
0.0	0.0	20°	214.4	164.6
0.0	0.0	22.5°	302.0	205.4
0.0	0.0	25°	444.0	283.9
0.0	0.0	27.5°	617.7	377.5
0.0	0.0	30°	821.5	472.7
0.0	0.0	32.5°	1001.3	563.3
0.0	0.0	35°	1235.3	655.4
0.0	0.0	37.5°	1523.8	773.2
0.0	0.0	40°	1970.8	951.4
0.0	0.0	42.5°	2775.7	1280.6
0.0	0.0	45°	4507.9	2213.9
0.0	0.0	47.5°	6936.3	3662.2
0.0	0.0	50°	8485.8	4674.0
0.0	0.0	52.5°	8612.6	4666.5
0.0	0.0	55°	7862.0	4148.5
0.0	0.0	57.5°	6708.3	3467.4
0.0	0.0	60°	5575.6	2742.5
0.0	0.0	62.5°	4393.1	1893.8
0.0	0.0	65°	3210.7	1339.5
0.0	0.0	67.5°	2306.1	1001.3
		70°	1516.2	767.2
		72.5°	987.7	625.2
		75°	664.5	518.0
		77.5°	388.1	344.3
		80°	137.4	120.8
		82.5°	25.7	18.1
		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: P1049010

CATALOG NUMBER: GALN-SA5B-735-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

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



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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

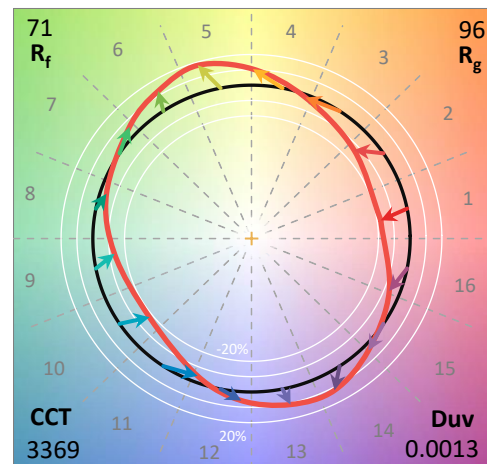
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3369
 CIE u' : 0.2386
 CIE v' : 0.5156
 Duv: 0.0013
 CIE x: 0.4143
 CIE y: 0.3980
 CIE z: 0.1877
 Peak Wavelength (nm): 590
 Dominant Wavelength (nm): 580
 Purity: 43.80166
 R_f: 71.4
 R_g: 96

CRI (Ra): 70.1
 R1: 66.6
 R2: 77.6
 R3: 88.5
 R4: 69.5
 R5: 66.4
 R6: 69.6
 R7: 77.5
 R8: 44.9
 R9: -40.2
 R10: 49.1
 R11: 66.3
 R12: 45.7
 R13: 68.0
 R14: 93.4
 R15: 57.6



Test Conditions

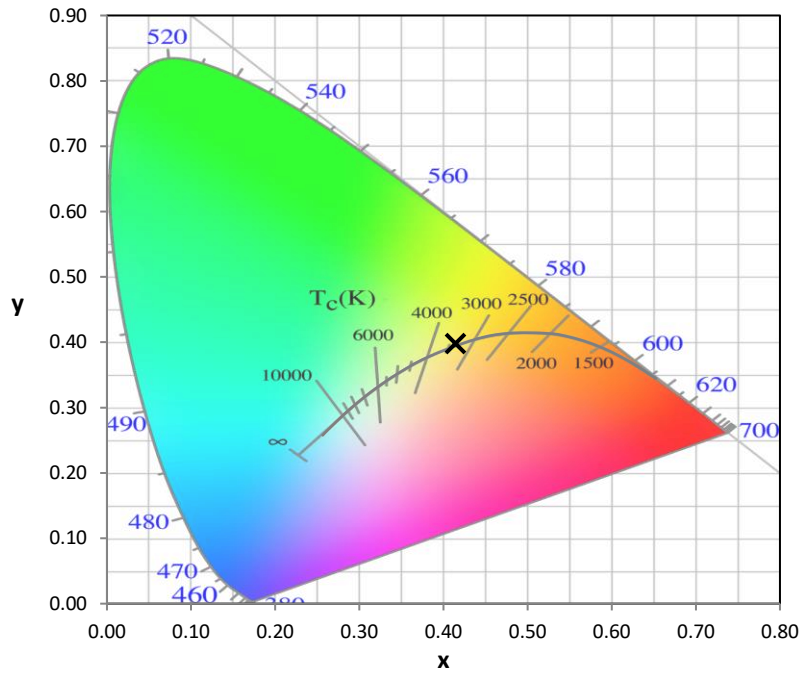
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

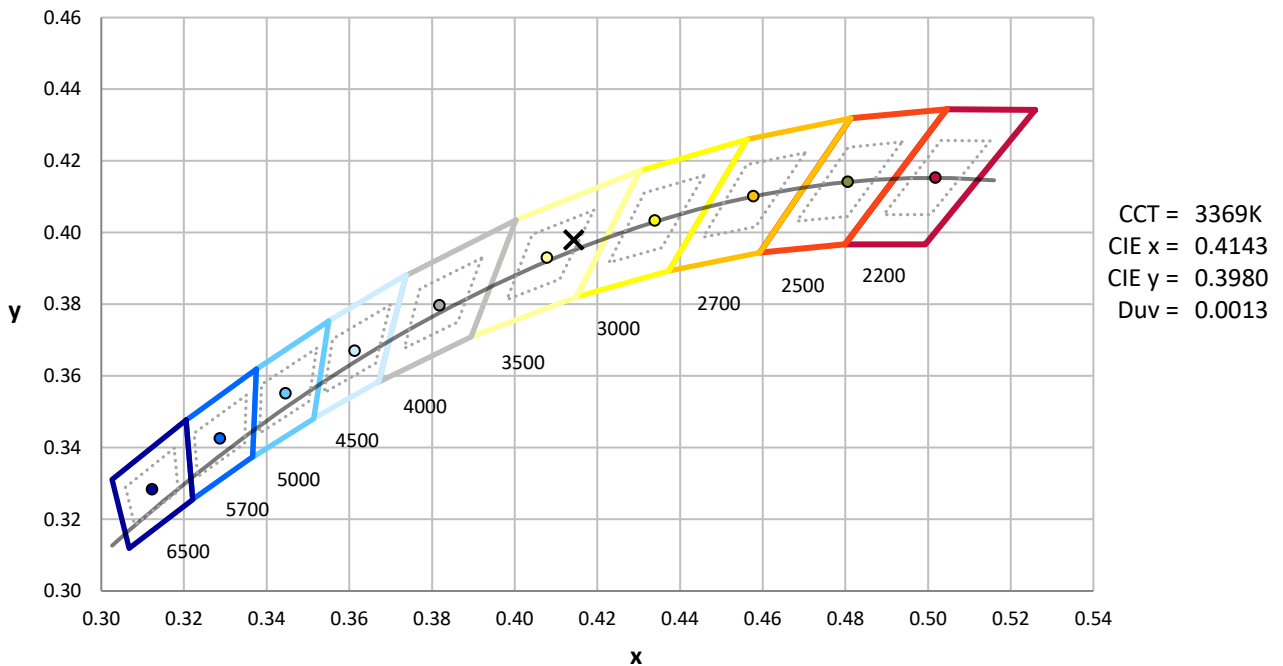
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-5

CIE 1931 Chromaticity Diagram

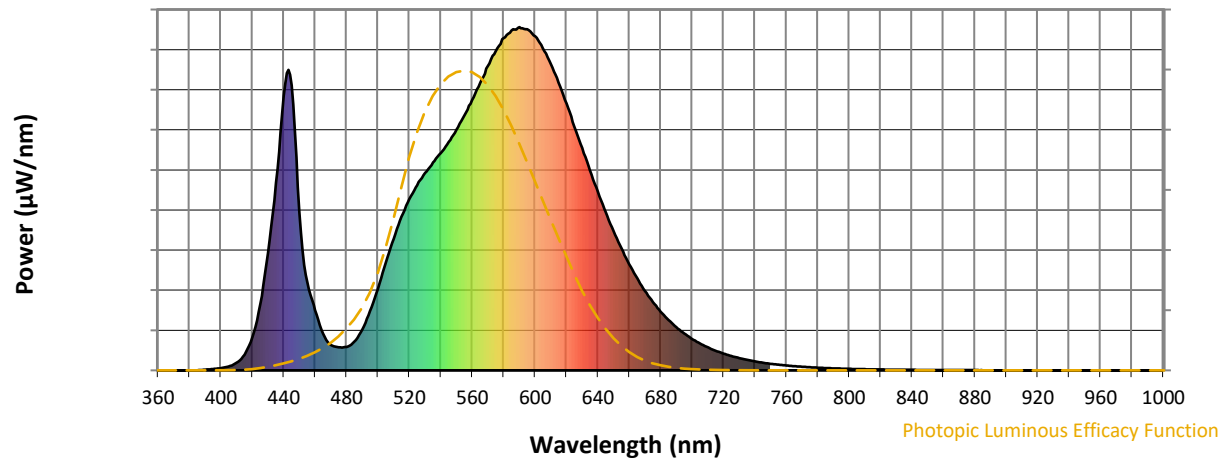


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

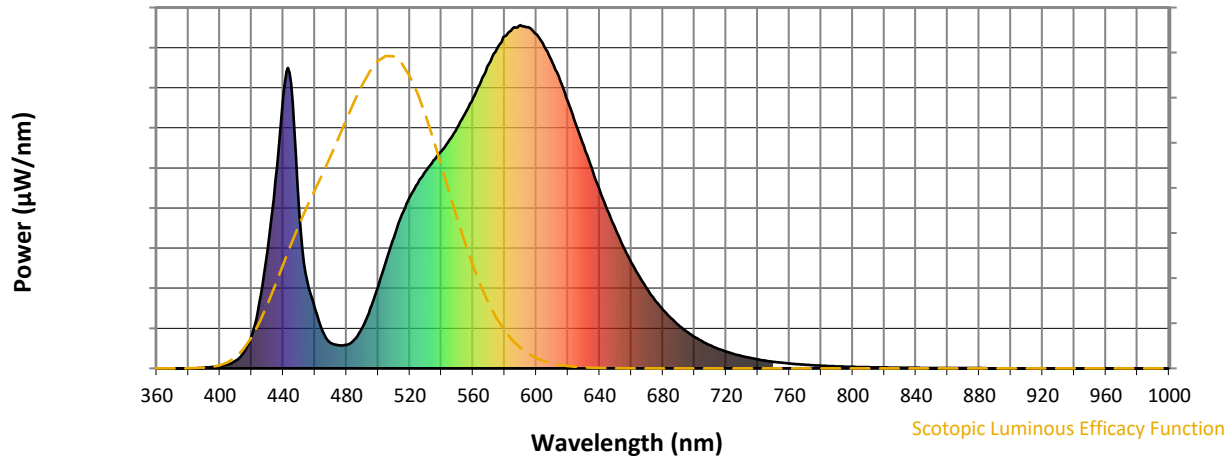


Photopic Lumens: NR

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength



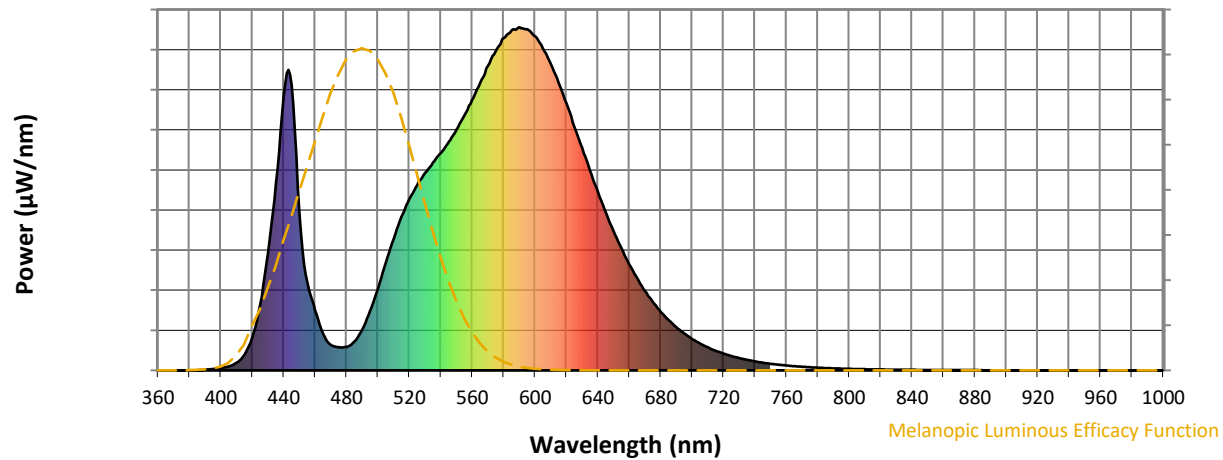
Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.36

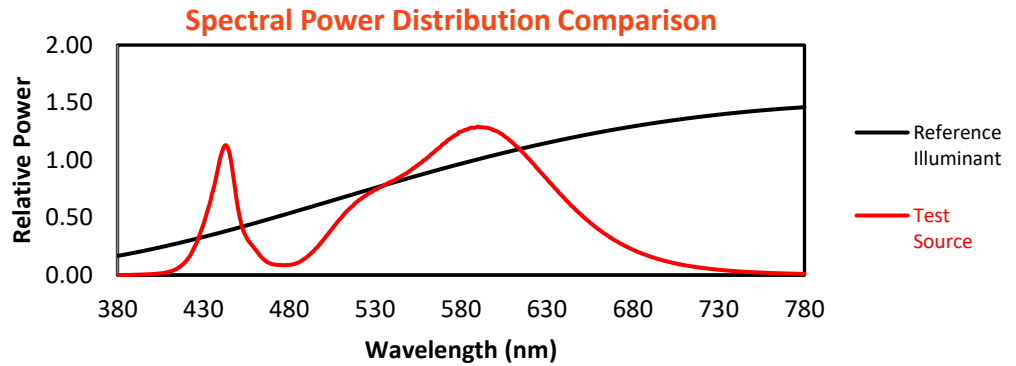
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

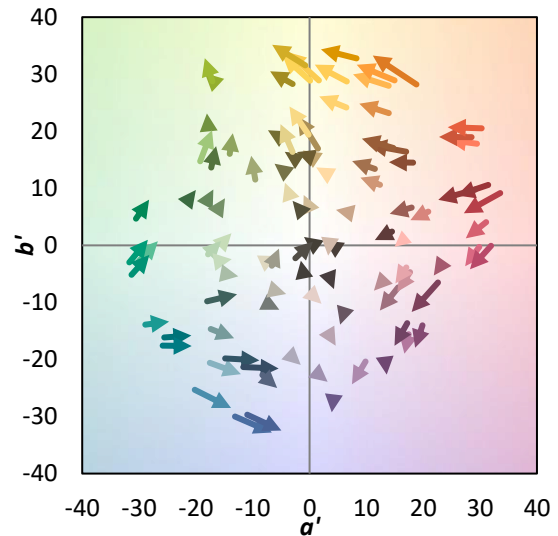
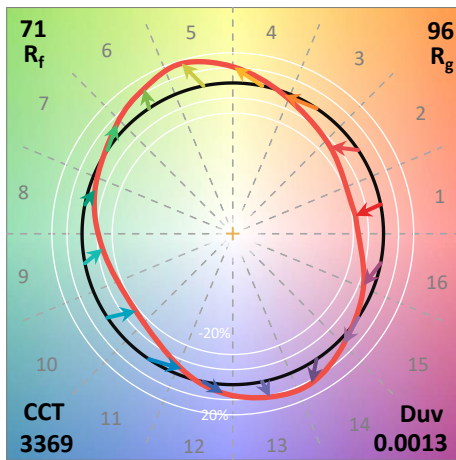
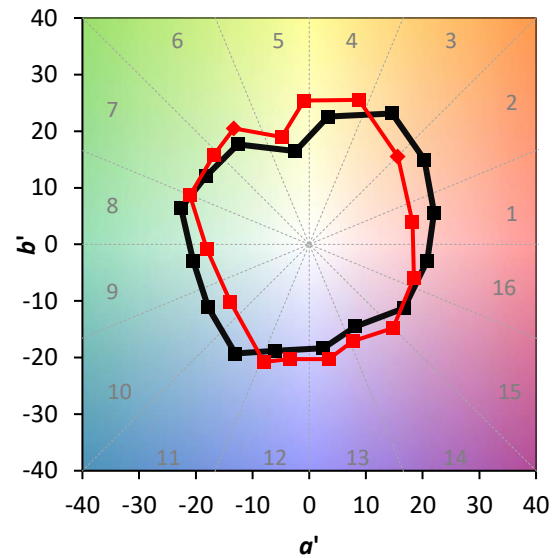
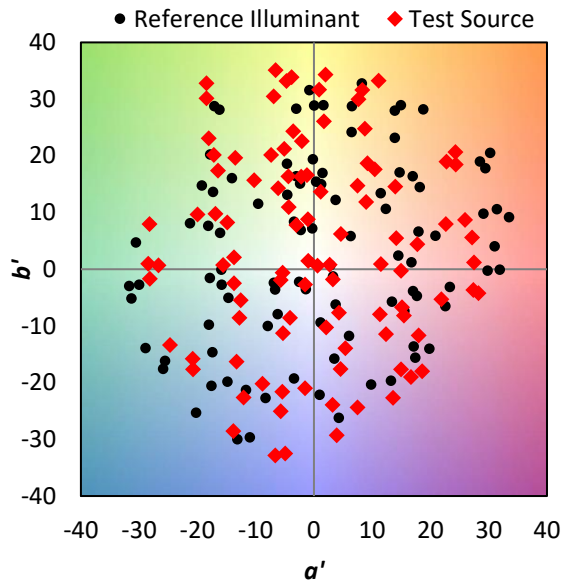
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 $\text{CIE } R_a = 70.1$
 $R_g = -40.2$

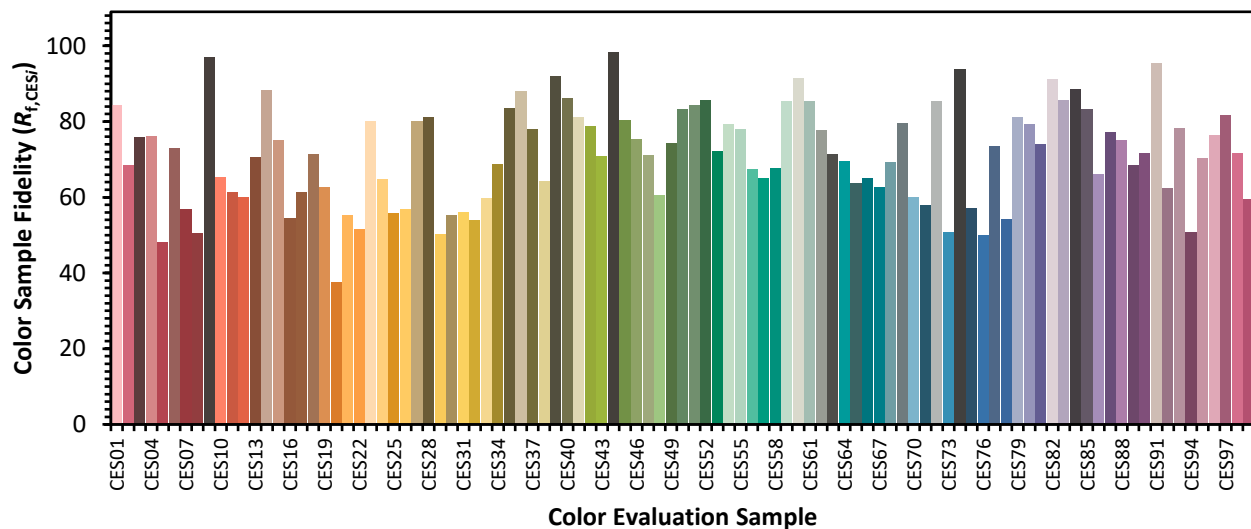


Color Vector Graphics

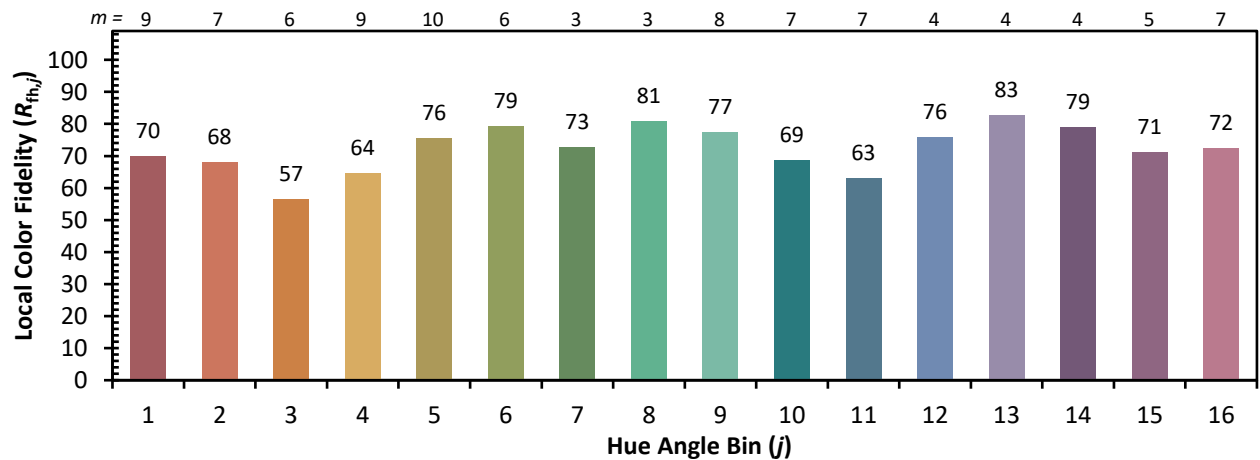
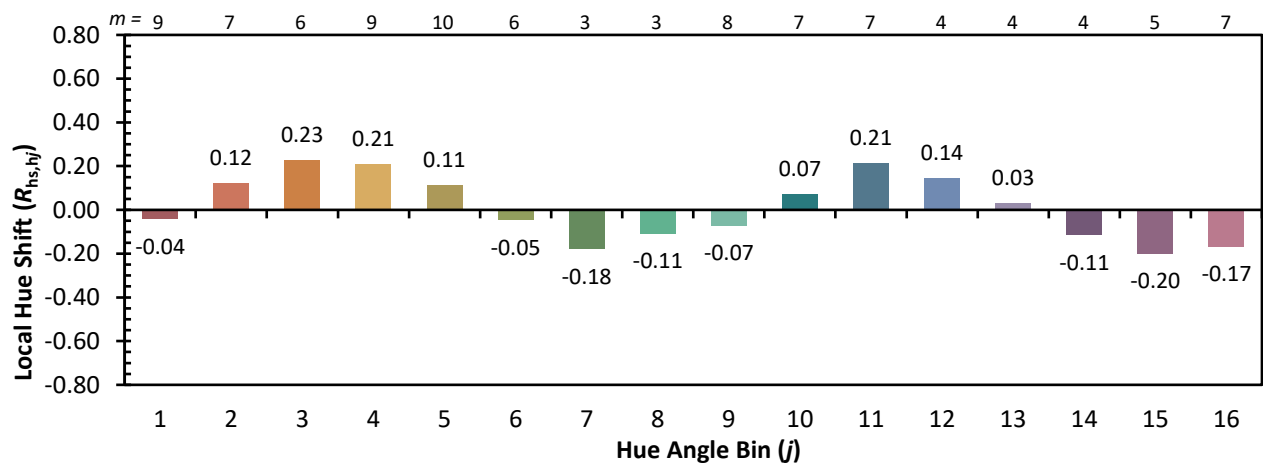
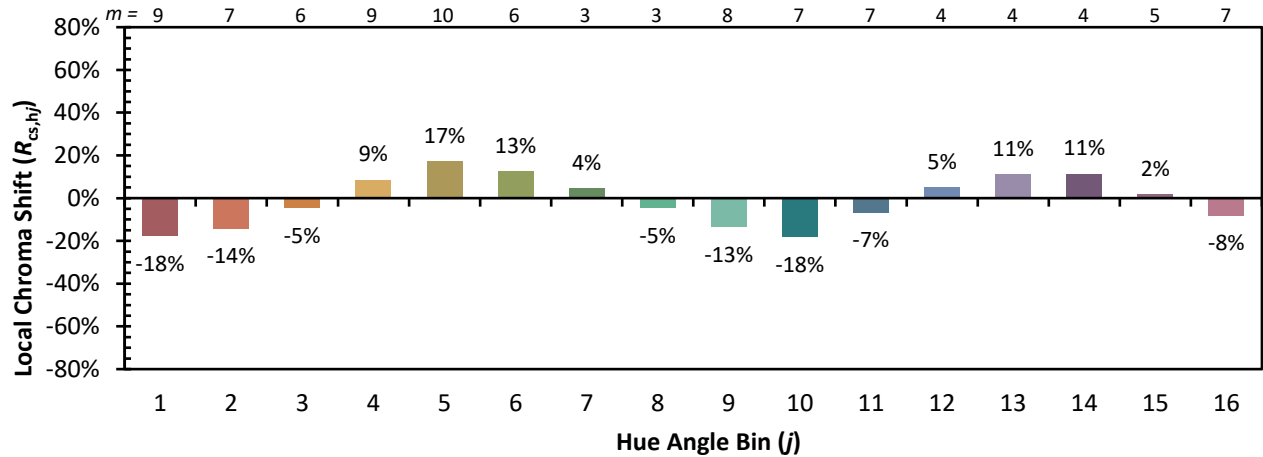


Individual Sample Fidelity Index ($R_{f,i}$)

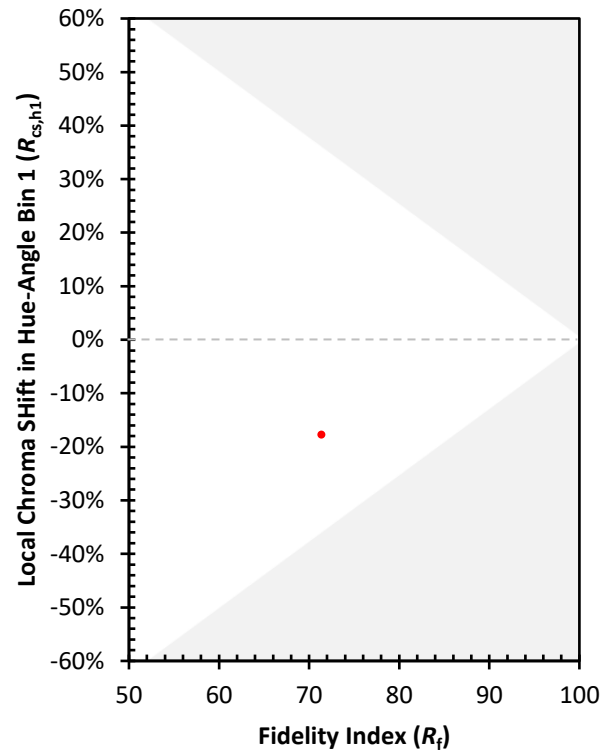
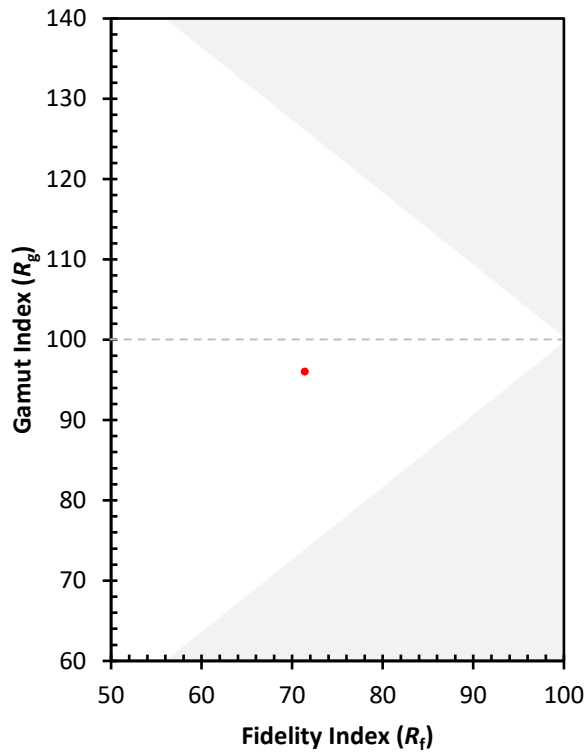
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)