

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: P1049254

Luminaire Tested: **GALN-SA3B-850-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049254
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3B-850-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
80CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 11686.7 lumens
Efficiency: N/A
Efficacy: 110.0 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

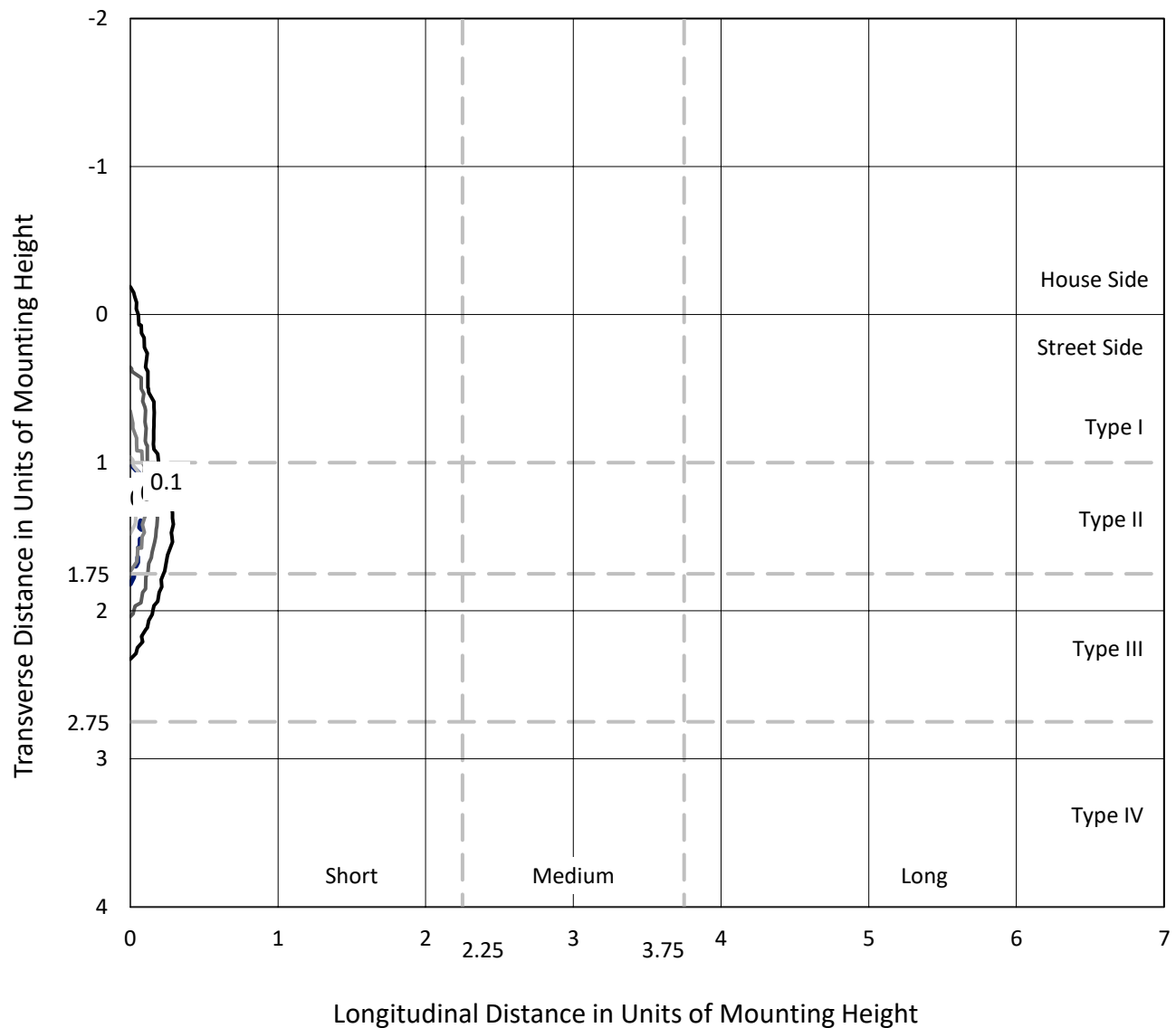
Input Watts (W): 106.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

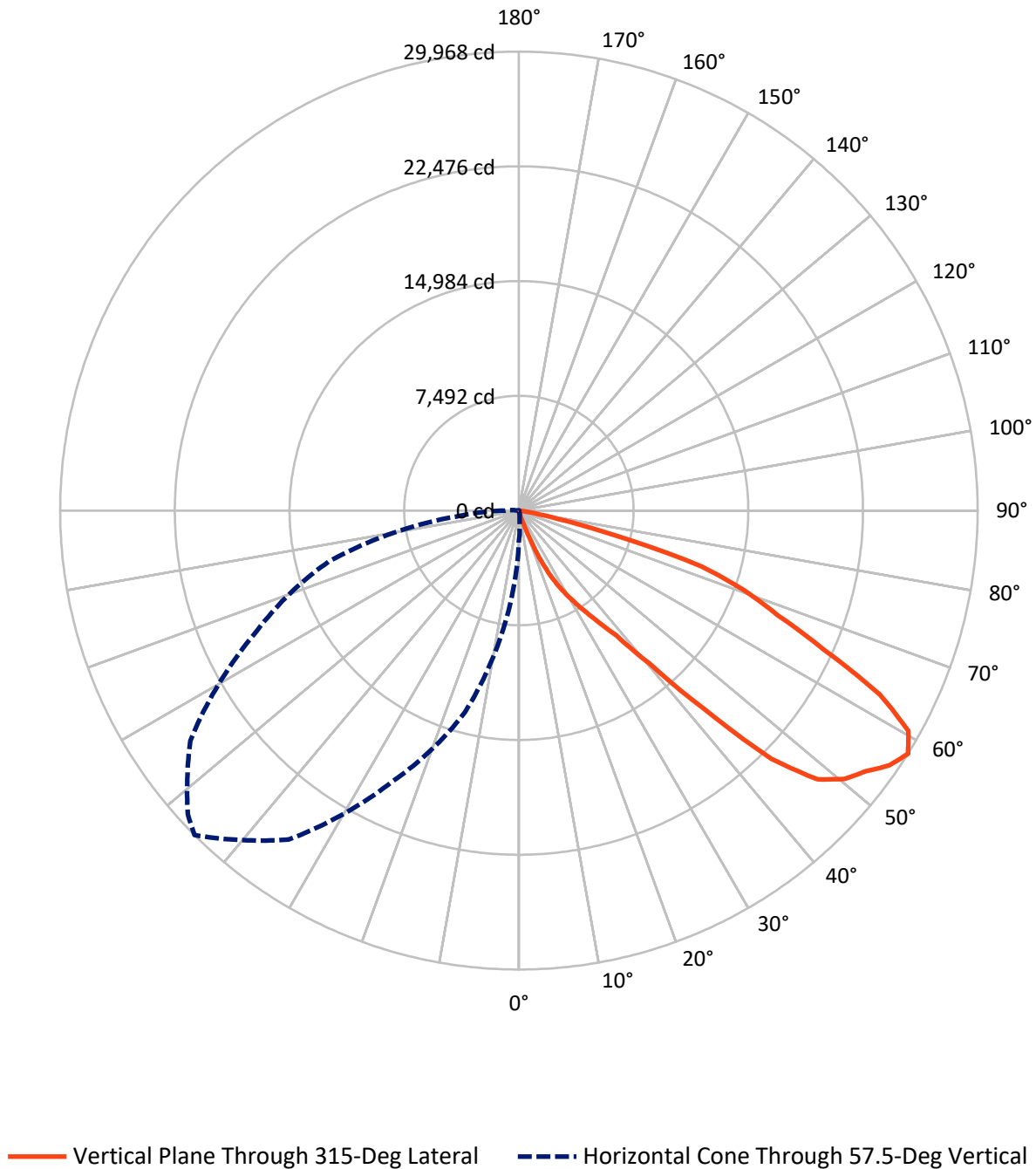
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.7 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	58.5	0.0	58.5
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	11628.2	0.0	11628.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	11686.7	0.0	11686.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.6	0.0
10°-20°	25.7	0.2
20°-30°	277.0	2.4
30°-40°	819.0	7.0
40°-50°	2440.9	20.9
50°-60°	3870.4	33.1
60°-70°	3230.8	27.6
70°-80°	996.3	8.5
80°-90°	22.2	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°	11686.7	100.0
0°-180°	11686.7	100.0



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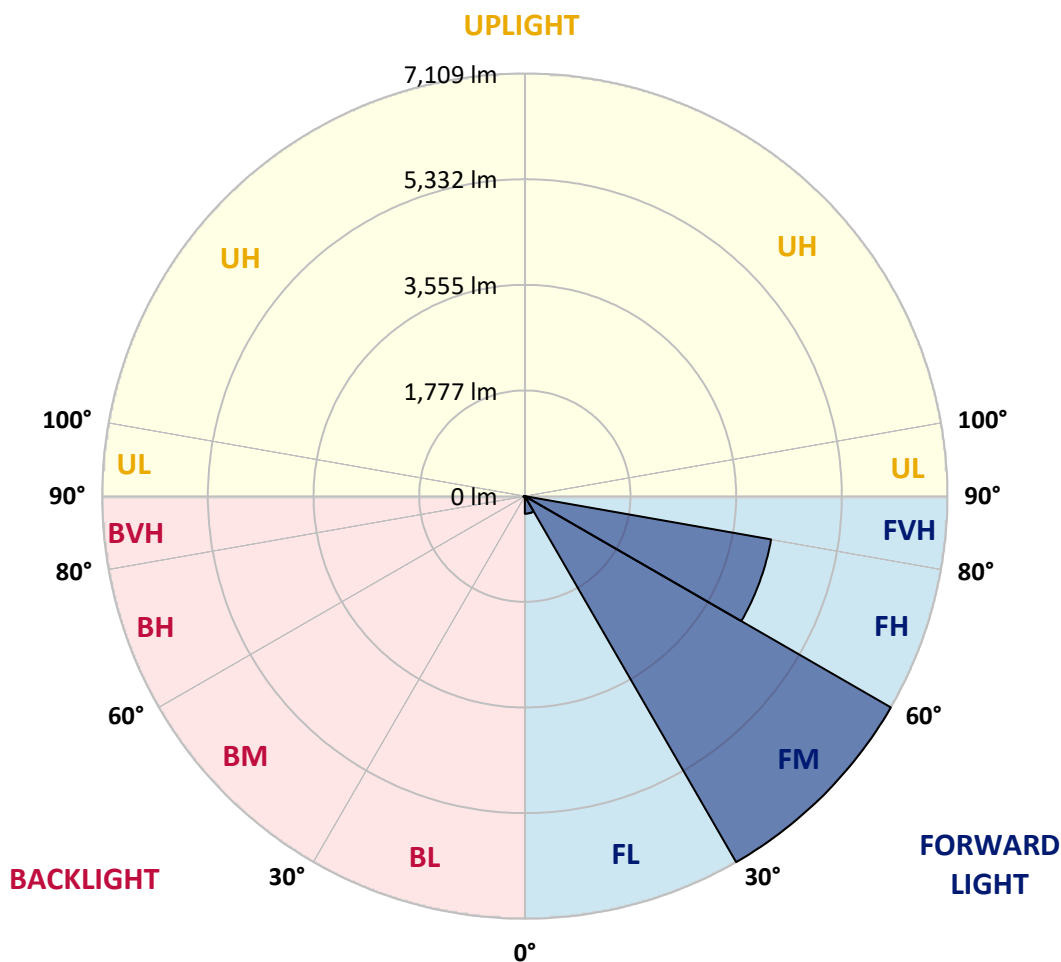
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	296.5	2.5			
FM	(30°-60°)	7109.4	60.8			
FH	(60°-80°)	4205.3	36.0			G2/5000
FVH	(80°-90°)	17.1	0.1			G1/100
BL	(0°-30°)	10.7	0.1	B0/110		
BM	(30°-60°)	20.9	0.2	B0/220		
BH	(60°-80°)	21.8	0.2	B0/110		G0/110
BVH	(80°-90°)	5.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
2.5°	46.8	46.8	46.8	46.8	45.9	45.9	45.0	45.0	44.2	44.2
5°	49.5	49.5	48.6	47.7	47.7	46.8	45.9	45.0	45.0	44.2
7.5°	53.9	53.0	52.1	51.2	49.5	48.6	46.8	45.9	45.0	43.3
10°	59.2	57.4	55.6	53.9	52.1	50.3	48.6	47.7	45.9	45.0
12.5°	66.2	63.6	60.1	57.4	55.6	53.0	51.2	49.5	46.8	45.0
15°	72.4	68.9	64.5	60.9	58.3	54.8	52.1	49.5	47.7	45.0
17.5°	81.3	75.1	68.0	63.6	60.1	55.6	51.2	48.6	45.9	42.4
20°	96.3	83.9	70.7	65.4	60.1	54.8	49.5	45.9	43.3	39.7
22.5°	120.1	98.9	77.7	69.8	62.7	54.8	47.7	44.2	40.6	37.1
25°	166.0	128.1	90.1	79.5	68.9	58.3	47.7	43.3	39.7	35.3
27.5°	220.8	164.3	106.9	91.8	77.7	62.7	47.7	42.4	38.0	32.7
30°	276.4	201.4	125.4	106.0	86.5	67.1	47.7	41.5	36.2	30.0
32.5°	329.4	235.8	141.3	118.3	95.4	71.5	48.6	41.5	34.4	27.4
35°	383.3	264.1	144.0	120.1	96.3	71.5	47.7	39.7	32.7	24.7
37.5°	452.2	295.9	138.7	114.8	91.8	68.0	45.0	38.0	30.9	23.0
40°	556.4	348.8	141.3	116.6	91.8	67.1	42.4	35.3	29.1	22.1
42.5°	748.9	451.3	152.8	124.5	96.3	67.1	38.9	32.7	27.4	21.2
45°	1294.7	749.8	204.9	162.5	120.1	77.7	35.3	30.0	25.6	20.3
47.5°	2141.7	1255.0	368.3	284.4	201.4	117.5	34.4	30.0	25.6	20.3
50°	2733.4	1598.5	463.7	356.8	249.9	143.1	36.2	30.9	26.5	21.2
52.5°	2729.0	1623.2	516.6	396.5	277.3	157.2	38.0	32.7	28.3	23.0
55°	2426.0	1476.6	526.4	404.5	283.5	161.6	40.6	35.3	30.0	24.7
57.5°	2027.7	1254.1	480.4	371.8	264.1	155.4	46.8	40.6	35.3	29.1
60°	1603.8	989.1	374.5	295.9	218.1	139.5	61.8	53.9	46.8	38.9
62.5°	1107.5	717.1	326.8	262.3	198.7	134.2	70.7	62.7	55.6	47.7
65°	783.4	539.6	295.0	240.2	186.3	131.6	76.8	68.0	60.1	51.2
67.5°	585.5	429.2	272.0	225.2	178.4	131.6	84.8	74.2	64.5	53.9
70°	448.6	352.4	255.2	217.3	180.2	142.2	104.2	89.2	75.1	60.1
72.5°	365.6	301.2	235.8	208.4	181.0	153.7	126.3	106.9	87.4	67.1
75°	302.9	257.9	212.8	189.9	167.8	144.8	121.9	104.2	87.4	69.8
77.5°	201.4	183.7	165.2	151.9	138.7	124.5	111.3	96.3	82.1	67.1
80°	70.7	68.0	65.4	70.7	76.0	81.3	86.5	76.0	66.2	55.6
82.5°	10.6	9.7	8.8	9.7	10.6	11.5	12.4	13.2	14.1	15.0
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):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0.0	2.5°	43.3	43.3	42.4	42.4	42.4	41.5	41.5	40.6	40.6	40.6
0.0	5°	42.4	42.4	41.5	40.6	39.7	39.7	38.9	38.0	38.0	37.1
0.0	7.5°	41.5	40.6	39.7	38.9	38.0	37.1	36.2	35.3	35.3	34.4
0.0	10°	42.4	40.6	39.7	38.0	37.1	36.2	34.4	33.6	32.7	32.7
0.0	12.5°	40.6	39.7	38.0	36.2	35.3	33.6	32.7	30.9	30.0	30.0
0.0	15°	40.6	38.9	36.2	34.4	32.7	31.8	30.0	28.3	27.4	26.5
0.0	17.5°	38.0	36.2	33.6	31.8	30.0	28.3	26.5	24.7	23.8	23.0
0.0	20°	34.4	32.7	30.0	27.4	25.6	23.8	22.1	20.3	19.4	18.5
0.0	22.5°	30.9	29.1	26.5	23.8	22.1	20.3	17.7	15.9	15.0	13.2
0.0	25°	29.1	26.5	23.8	21.2	18.5	16.8	14.1	11.5	9.7	7.9
0.0	27.5°	24.7	22.1	19.4	16.8	14.1	11.5	8.8	6.2	4.4	3.5
0.0	30°	21.2	18.5	15.9	13.2	9.7	7.1	4.4	0.9	0.9	0.9
0.0	32.5°	17.7	15.0	11.5	8.8	7.1	4.4	2.6	0.0	0.0	0.0
0.0	35°	14.1	11.5	7.9	5.3	4.4	2.6	1.8	0.0	0.0	0.0
0.0	37.5°	12.4	9.7	6.2	2.6	1.8	1.8	0.9	0.0	0.0	0.0
0.0	40°	11.5	7.9	4.4	0.9	0.9	0.9	0.0	0.0	0.0	0.0
0.0	42.5°	11.5	7.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	11.5	7.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	11.5	7.9	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	12.4	8.8	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	14.1	10.6	7.1	3.5	2.6	1.8	0.9	0.0	0.0	0.0
0.0	55°	17.7	15.9	13.2	11.5	8.8	6.2	2.6	0.0	0.0	0.0
0.0	57.5°	23.0	23.0	22.1	21.2	15.9	10.6	5.3	0.0	0.0	0.0
0.0	60°	30.9	30.9	30.9	30.9	23.0	15.9	7.9	0.0	0.0	0.0
0.0	62.5°	38.0	36.2	33.6	31.8	23.8	15.9	7.9	0.0	0.0	0.0
0.0	65°	38.0	34.4	30.0	25.6	19.4	13.2	6.2	0.0	0.0	0.0
0.0	67.5°	35.3	28.3	20.3	13.2	9.7	7.1	3.5	0.0	0.0	0.0
	70°	35.3	24.7	14.1	3.5	2.6	1.8	0.9	0.0	0.0	0.0
	72.5°	35.3	23.8	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	38.9	26.5	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	38.9	26.5	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	34.4	23.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	11.5	7.9	3.5	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°	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0.0	2.5°	39.7	39.7	39.7	38.9	38.9	38.9	38.9	38.0	38.0	38.0
0.0	5°	36.2	36.2	35.3	35.3	34.4	34.4	33.6	33.6	32.7	32.7
0.0	7.5°	33.6	32.7	32.7	31.8	30.9	30.9	30.0	30.0	29.1	28.3
0.0	10°	30.9	30.0	30.0	29.1	28.3	27.4	27.4	26.5	25.6	24.7
0.0	12.5°	28.3	27.4	26.5	25.6	24.7	23.8	23.8	23.0	22.1	21.2
0.0	15°	24.7	23.8	23.0	22.1	21.2	20.3	20.3	19.4	18.5	17.7
0.0	17.5°	21.2	20.3	20.3	19.4	18.5	17.7	16.8	15.0	14.1	13.2
0.0	20°	15.9	15.0	14.1	13.2	12.4	10.6	9.7	7.9	6.2	5.3
0.0	22.5°	10.6	8.8	7.9	6.2	4.4	3.5	2.6	0.9	0.0	0.0
0.0	25°	3.5	2.6	1.8	0.9	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: P1049254

CATALOG NUMBER: GALN-SA3B-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049254

CATALOG NUMBER: GALN-SA3B-850-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0.0	2.5°	37.1	37.1	37.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2
0.0	5°	31.8	31.8	31.8	30.9	30.9	30.0	30.0	30.0	29.1	29.1
0.0	7.5°	27.4	26.5	26.5	25.6	25.6	24.7	24.7	24.7	23.8	23.8
0.0	10°	23.0	22.1	22.1	21.2	21.2	20.3	20.3	19.4	19.4	18.5
0.0	12.5°	20.3	19.4	18.5	17.7	17.7	16.8	15.9	15.9	15.0	14.1
0.0	15°	15.9	15.0	14.1	13.2	12.4	11.5	10.6	10.6	9.7	8.8
0.0	17.5°	10.6	8.8	7.9	7.1	7.1	6.2	5.3	4.4	3.5	2.6
0.0	20°	2.6	1.8	0.9	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
	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: P1049254

CATALOG NUMBER: GALN-SA3B-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049254

CATALOG NUMBER: GALN-SA3B-850-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°	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0.0	2.5°	36.2	35.3	35.3	35.3	36.2	36.2	36.2	36.2	36.2	36.2
0.0	5°	29.1	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
0.0	7.5°	23.8	23.0	23.0	23.0	23.0	22.1	22.1	22.1	22.1	22.1
0.0	10°	18.5	17.7	17.7	17.7	17.7	16.8	16.8	16.8	16.8	16.8
0.0	12.5°	13.2	13.2	12.4	12.4	12.4	11.5	11.5	11.5	11.5	10.6
0.0	15°	7.9	7.1	6.2	6.2	6.2	5.3	5.3	5.3	5.3	4.4
0.0	17.5°	1.8	1.8	0.9	0.9	0.9	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
	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: P1049254

CATALOG NUMBER: GALN-SA3B-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049254

CATALOG NUMBER: GALN-SA3B-850-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0.0	2.5°	37.1	37.1	38.0	38.0	38.9	40.6	41.5	42.4	44.2	45.9
0.0	5°	29.1	30.0	30.0	30.9	31.8	32.7	33.6	34.4	36.2	38.0
0.0	7.5°	23.0	23.0	23.8	23.8	24.7	26.5	27.4	28.3	30.0	32.7
0.0	10°	17.7	17.7	18.5	18.5	19.4	21.2	22.1	23.0	24.7	27.4
0.0	12.5°	11.5	12.4	12.4	13.2	14.1	15.9	16.8	17.7	19.4	21.2
0.0	15°	5.3	6.2	6.2	7.1	7.9	9.7	10.6	11.5	13.2	15.9
0.0	17.5°	0.9	0.9	1.8	1.8	2.6	3.5	4.4	5.3	7.9	9.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	3.5
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
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
	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: P1049254

CATALOG NUMBER: GALN-SA3B-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049254

CATALOG NUMBER: GALN-SA3B-850-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°	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0.0	2.5°	48.6	50.3	52.1	53.9	55.6	57.4	58.3	60.1	60.9	61.8
0.0	5°	41.5	43.3	45.9	47.7	49.5	51.2	53.0	53.9	54.8	55.6
0.0	7.5°	36.2	38.0	40.6	42.4	44.2	45.9	47.7	49.5	50.3	51.2
0.0	10°	30.9	33.6	35.3	38.0	39.7	41.5	43.3	45.0	46.8	47.7
0.0	12.5°	24.7	27.4	30.0	31.8	34.4	37.1	38.9	40.6	42.4	44.2
0.0	15°	19.4	22.1	24.7	26.5	29.1	31.8	34.4	36.2	38.0	39.7
0.0	17.5°	14.1	16.8	19.4	21.2	23.8	26.5	28.3	30.9	32.7	34.4
0.0	20°	7.1	9.7	12.4	15.0	17.7	20.3	22.1	24.7	26.5	28.3
0.0	22.5°	0.9	3.5	6.2	7.9	10.6	13.2	15.0	17.7	19.4	21.2
0.0	25°	0.0	0.9	2.6	3.5	4.4	6.2	7.9	9.7	11.5	13.2
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.9	1.8	3.5	5.3	7.1
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
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	0.9
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	1.8
	85°	0.0	0.0	0.0	0.0	0.0	1.8	2.6	4.4	5.3	6.2
	87.5°	0.0	0.9	1.8	2.6	3.5	5.3	7.1	8.8	9.7	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



REPORT NUMBER: P1049254

CATALOG NUMBER: GALN-SA3B-850-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
51.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.9											
3.5											
7.9											
11.5											
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REPORT NUMBER: P1049254

CATALOG NUMBER: GALN-SA3B-850-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0.0	2.5°	62.7	62.7	62.7	62.7	61.8	61.8	61.8	60.9	60.9	60.1
0.0	5°	57.4	58.3	58.3	58.3	58.3	58.3	58.3	58.3	57.4	57.4
0.0	7.5°	53.0	53.9	54.8	54.8	55.6	55.6	55.6	54.8	54.8	53.9
0.0	10°	50.3	51.2	51.2	52.1	52.1	52.1	52.1	52.1	52.1	52.1
0.0	12.5°	46.8	47.7	48.6	48.6	49.5	49.5	49.5	49.5	48.6	48.6
0.0	15°	42.4	44.2	45.0	45.9	45.9	46.8	46.8	46.8	46.8	46.8
0.0	17.5°	38.9	40.6	41.5	42.4	42.4	43.3	43.3	44.2	44.2	44.2
0.0	20°	31.8	33.6	34.4	36.2	37.1	38.0	38.9	39.7	39.7	40.6
0.0	22.5°	24.7	26.5	27.4	29.1	30.0	30.9	31.8	32.7	33.6	34.4
0.0	25°	17.7	19.4	20.3	22.1	23.0	23.8	24.7	25.6	25.6	26.5
0.0	27.5°	9.7	11.5	13.2	14.1	15.9	16.8	17.7	18.5	19.4	20.3
0.0	30°	4.4	5.3	6.2	7.9	8.8	9.7	10.6	12.4	13.2	14.1
0.0	32.5°	0.0	0.0	0.9	2.6	3.5	4.4	5.3	6.2	6.2	7.1
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.8	2.6	3.5
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°	1.8	1.8	1.8	2.6	2.6	2.6	2.6	2.6	2.6	2.6
	82.5°	4.4	5.3	6.2	6.2	7.1	7.1	7.1	7.1	6.2	6.2
	85°	8.8	9.7	10.6	10.6	11.5	11.5	11.5	11.5	11.5	11.5
	87.5°	12.4	13.2	14.1	14.1	15.0	15.0	15.0	15.0	15.0	15.0
	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: P1049254

CATALOG NUMBER: GALN-SA3B-850-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
51.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	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											
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0.0											
2.6											
6.2											
11.5											
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REPORT NUMBER: P1049254

CATALOG NUMBER: GALN-SA3B-850-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°	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0.0	2.5°	59.2	59.2	58.3	58.3	58.3	58.3	58.3	59.2	60.1	60.1
0.0	5°	56.5	56.5	55.6	55.6	55.6	56.5	56.5	57.4	58.3	59.2
0.0	7.5°	53.9	53.0	53.0	53.9	53.9	54.8	54.8	55.6	56.5	57.4
0.0	10°	52.1	51.2	51.2	51.2	52.1	52.1	53.0	53.9	54.8	55.6
0.0	12.5°	48.6	48.6	48.6	48.6	49.5	49.5	50.3	51.2	53.0	53.9
0.0	15°	46.8	45.9	45.9	45.9	45.9	46.8	46.8	48.6	50.3	51.2
0.0	17.5°	43.3	43.3	42.4	42.4	43.3	43.3	44.2	45.9	47.7	48.6
0.0	20°	39.7	38.9	38.0	38.0	38.9	38.9	39.7	41.5	43.3	44.2
0.0	22.5°	34.4	33.6	33.6	33.6	33.6	34.4	34.4	36.2	38.9	40.6
0.0	25°	27.4	28.3	28.3	29.1	29.1	30.0	30.9	32.7	35.3	37.1
0.0	27.5°	21.2	22.1	22.1	23.8	24.7	25.6	26.5	29.1	31.8	33.6
0.0	30°	15.9	16.8	17.7	18.5	20.3	22.1	23.8	26.5	29.1	30.9
0.0	32.5°	9.7	11.5	12.4	14.1	15.9	17.7	19.4	22.1	25.6	28.3
0.0	35°	7.1	7.9	9.7	10.6	12.4	14.1	15.9	19.4	22.1	25.6
0.0	37.5°	3.5	5.3	7.1	8.8	10.6	12.4	14.1	17.7	21.2	23.8
0.0	40°	2.6	4.4	5.3	7.1	9.7	11.5	13.2	16.8	20.3	23.8
0.0	42.5°	1.8	2.6	3.5	6.2	7.9	10.6	13.2	16.8	20.3	23.8
0.0	45°	1.8	1.8	2.6	5.3	7.9	11.5	14.1	17.7	20.3	23.8
0.0	47.5°	1.8	2.6	3.5	7.1	8.8	11.5	14.1	16.8	20.3	23.0
0.0	50°	2.6	3.5	4.4	7.9	9.7	12.4	14.1	17.7	20.3	23.8
0.0	52.5°	1.8	2.6	3.5	7.1	9.7	13.2	15.9	19.4	23.0	25.6
0.0	55°	0.9	0.9	0.9	5.3	10.6	15.0	20.3	23.0	26.5	29.1
0.0	57.5°	0.0	0.0	0.0	3.5	10.6	16.8	23.0	26.5	30.0	32.7
0.0	60°	0.0	0.0	0.0	3.5	10.6	16.8	23.0	27.4	31.8	36.2
0.0	62.5°	0.0	0.0	0.0	3.5	8.8	14.1	19.4	26.5	34.4	41.5
0.0	65°	0.0	0.0	0.0	2.6	7.1	11.5	15.9	26.5	37.1	46.8
0.0	67.5°	0.0	0.0	0.0	2.6	7.1	10.6	15.0	26.5	37.1	48.6
	70°	0.0	0.0	0.0	2.6	7.1	11.5	15.9	26.5	37.1	47.7
	72.5°	0.0	0.0	0.0	2.6	7.9	12.4	17.7	26.5	35.3	44.2
	75°	0.0	0.0	0.0	3.5	7.9	13.2	18.5	26.5	34.4	41.5
	77.5°	0.0	0.0	0.0	2.6	7.9	12.4	17.7	25.6	33.6	40.6
	80°	2.6	1.8	1.8	4.4	7.9	11.5	15.0	23.0	31.8	39.7
	82.5°	5.3	5.3	4.4	6.2	7.9	10.6	13.2	20.3	28.3	35.3
	85°	10.6	10.6	9.7	10.6	10.6	11.5	12.4	15.9	19.4	23.0
	87.5°	14.1	14.1	13.2	13.2	13.2	12.4	12.4	12.4	12.4	11.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049254

CATALOG NUMBER: GALN-SA3B-850-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
51.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.9	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
33.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.3											
53.0											
49.5											
48.6											
47.7											
42.4											
26.5											
11.5											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049254

CATALOG NUMBER: GALN-SA3B-850-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0.0	2.5°	61.8	62.7	62.7	63.6	64.5	65.4	65.4	66.2	66.2	66.2
0.0	5°	60.9	62.7	63.6	64.5	65.4	66.2	67.1	68.0	68.9	68.9
0.0	7.5°	60.1	60.9	62.7	63.6	65.4	66.2	68.0	68.9	69.8	70.7
0.0	10°	58.3	60.1	61.8	63.6	65.4	67.1	68.9	70.7	72.4	73.3
0.0	12.5°	56.5	59.2	60.9	62.7	65.4	68.0	69.8	72.4	74.2	76.0
0.0	15°	55.6	57.4	60.1	61.8	65.4	68.9	71.5	75.1	78.6	81.3
0.0	17.5°	53.0	56.5	59.2	61.8	65.4	69.8	73.3	76.8	82.1	87.4
0.0	20°	49.5	52.1	55.6	58.3	63.6	68.0	73.3	77.7	85.7	93.6
0.0	22.5°	45.9	49.5	52.1	55.6	61.8	67.1	73.3	78.6	91.8	104.2
0.0	25°	42.4	46.8	50.3	53.9	60.9	68.0	75.1	82.1	104.2	126.3
0.0	27.5°	40.6	44.2	48.6	52.1	60.9	70.7	79.5	88.3	123.6	158.1
0.0	30°	38.0	42.4	45.9	50.3	61.8	73.3	84.8	96.3	150.1	204.0
0.0	32.5°	35.3	39.7	44.2	48.6	63.6	78.6	92.7	107.7	178.4	248.2
0.0	35°	32.7	38.0	42.4	46.8	66.2	86.5	106.0	125.4	204.0	281.7
0.0	37.5°	31.8	37.1	41.5	45.9	67.1	87.4	108.6	128.9	206.7	284.4
0.0	40°	32.7	37.1	42.4	46.8	64.5	82.1	98.9	116.6	197.8	278.2
0.0	42.5°	32.7	38.0	43.3	48.6	62.7	76.8	91.0	105.1	195.2	285.3
0.0	45°	31.8	37.1	42.4	47.7	60.9	73.3	86.5	98.9	211.1	322.4
0.0	47.5°	30.9	36.2	41.5	46.8	60.1	73.3	86.5	99.8	272.9	445.1
0.0	50°	30.9	36.2	40.6	45.0	60.9	77.7	93.6	109.5	397.4	684.4
0.0	52.5°	32.7	37.1	40.6	44.2	62.7	82.1	100.7	119.2	505.2	890.2
0.0	55°	35.3	38.0	41.5	44.2	67.1	89.2	112.2	134.2	537.8	941.4
0.0	57.5°	38.9	41.5	44.2	46.8	75.1	103.3	130.7	159.0	540.5	921.1
0.0	60°	43.3	46.8	49.5	52.1	82.1	113.0	143.1	173.1	489.3	804.6
0.0	62.5°	53.0	57.4	60.9	65.4	94.5	122.8	151.9	180.2	406.3	632.3
0.0	65°	60.9	64.5	68.0	71.5	99.8	128.9	157.2	185.5	344.4	503.4
0.0	67.5°	62.7	66.2	68.9	72.4	101.6	130.7	159.0	188.1	295.0	401.0
	70°	63.6	68.0	73.3	77.7	107.7	137.8	166.9	196.9	261.4	325.9
	72.5°	60.9	69.8	77.7	85.7	113.9	141.3	169.6	196.9	242.9	288.8
	75°	60.9	73.3	84.8	96.3	117.5	137.8	159.0	179.3	214.6	249.9
	77.5°	64.5	80.4	96.3	112.2	124.5	136.0	148.4	159.9	182.8	205.8
	80°	64.5	81.3	97.1	113.9	119.2	125.4	130.7	136.0	138.7	141.3
	82.5°	55.6	68.9	82.1	95.4	89.2	83.0	76.8	70.7	66.2	60.9
	85°	28.3	30.9	32.7	34.4	31.8	29.1	26.5	23.8	22.1	19.4
	87.5°	11.5	11.5	10.6	10.6	10.6	10.6	9.7	9.7	9.7	9.7
	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: P1049254

CATALOG NUMBER: GALN-SA3B-850-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
51.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
188.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
261.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
354.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
442.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
502.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
547.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
592.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
680.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
857.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1307.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2520.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2577.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2326.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1554.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1174.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
867.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
613.8											
456.6											
332.1											
249.9											
140.4											
63.6											
18.5											
8.8											
0.0											
0.0											
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REPORT NUMBER: P1049254

CATALOG NUMBER: GALN-SA3B-850-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°	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0.0	2.5°	66.2	65.4	65.4	64.5	63.6	62.7	61.8	60.9	60.1	59.2
0.0	5°	68.9	68.9	68.9	68.0	68.0	67.1	67.1	66.2	65.4	64.5
0.0	7.5°	71.5	72.4	72.4	73.3	73.3	73.3	73.3	72.4	72.4	72.4
0.0	10°	76.0	76.8	77.7	78.6	79.5	80.4	80.4	81.3	81.3	81.3
0.0	12.5°	81.3	83.9	85.7	88.3	90.1	92.7	94.5	97.1	98.9	100.7
0.0	15°	89.2	93.6	98.9	103.3	107.7	113.9	121.0	127.2	133.4	143.1
0.0	17.5°	100.7	114.8	128.9	142.2	156.3	187.2	218.1	248.2	279.1	324.1
0.0	20°	122.8	165.2	206.7	249.1	290.6	399.2	506.9	615.6	723.3	839.0
0.0	22.5°	172.2	276.4	380.6	484.9	589.1	816.0	1042.1	1269.1	1495.2	1761.0
0.0	25°	249.9	441.6	633.2	824.0	1015.6	1370.7	1726.6	2081.6	2436.6	2781.9
0.0	27.5°	363.9	657.1	950.3	1242.6	1535.8	2017.1	2499.3	2980.7	3462.0	3852.3
0.0	30°	504.3	901.7	1299.1	1696.5	2094.0	2641.5	3189.1	3735.8	4283.3	4709.9
0.0	32.5°	636.8	1123.4	1610.0	2095.7	2582.4	3205.9	3830.3	4453.8	5077.3	5543.6
0.0	35°	723.3	1311.5	1900.6	2488.7	3076.9	3751.7	4426.4	5100.2	5775.0	6307.5
0.0	37.5°	809.9	1489.0	2167.3	2846.4	3524.7	4265.6	5006.6	5747.6	6488.6	7146.5
0.0	40°	907.0	1703.6	2499.3	3295.9	4091.7	4969.5	5846.5	6724.4	7601.3	8529.5
0.0	42.5°	1075.7	2059.5	3044.2	4028.1	5011.9	6173.3	7334.6	8495.1	9656.4	10981.2
0.0	45°	1392.7	2779.3	4166.7	5553.3	6939.8	8478.3	10017.7	11556.1	13094.6	14857.4
0.0	47.5°	2169.0	4076.7	5983.4	7891.0	9797.7	11459.0	13119.3	14780.5	16440.9	18196.6
0.0	50°	3318.9	5539.2	7759.4	9978.8	12199.0	13702.2	15204.4	16707.6	18209.8	19879.9
0.0	52.5°	4150.8	6463.8	8777.7	11090.7	13403.7	14760.2	16117.6	17474.1	18830.7	20391.2
0.0	55°	4213.5	6513.3	8813.9	11113.6	13413.4	14776.1	16138.8	17501.5	18864.2	20518.4
0.0	57.5°	3730.5	6011.7	8292.0	10573.2	12853.5	14405.2	15956.0	17507.7	19058.5	20846.9
0.0	60°	3173.2	5455.3	7736.5	10018.5	12299.7	14087.2	15875.6	17663.1	19450.7	21126.0
0.0	62.5°	2475.5	4822.9	7171.2	9518.7	11866.1	13681.0	15495.9	17309.9	19124.8	20381.5
0.0	65°	1844.9	4124.3	6403.8	8682.3	10961.7	12415.4	13869.1	15321.9	16775.6	17553.6
0.0	67.5°	1333.6	3299.5	5264.5	7230.4	9195.4	10235.8	11276.2	12315.6	13356.0	13951.2
	70°	901.7	2263.5	3624.5	4986.3	6347.3	7202.1	8057.9	8912.8	9767.7	10571.4
	72.5°	624.4	1389.2	2154.9	2919.7	3684.5	4544.7	5404.0	6264.2	7123.5	7974.0
	75°	414.2	762.2	1111.0	1459.0	1806.9	2443.7	3081.3	3718.1	4354.8	4861.8
	77.5°	294.1	398.3	503.4	607.6	711.8	831.1	951.2	1070.4	1189.6	1370.7
	80°	139.5	152.8	166.0	178.4	191.6	234.9	278.2	321.5	364.7	410.7
	82.5°	66.2	71.5	76.8	81.3	86.5	91.0	95.4	99.8	104.2	99.8
	85°	17.7	17.7	18.5	18.5	18.5	18.5	18.5	18.5	18.5	17.7
	87.5°	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.1	7.1	6.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
51.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
368.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
955.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2026.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3127.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4242.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5137.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6010.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6840.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7805.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9457.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12305.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16620.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19952.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21549.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21951.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22173.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22635.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22800.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21639.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18332.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14547.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11374.2											
8824.5											
5368.7											
1551.7											
456.6											
94.5											
16.8											
6.2											
0.0											
0.0											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0.0	2.5°	57.4	56.5	55.6	54.8	53.9	52.1	52.1	51.2	51.2
0.0	5°	62.7	61.8	60.9	60.1	60.1	59.2	58.3	58.3	57.4
0.0	7.5°	71.5	70.7	69.8	68.9	68.9	68.0	68.0	67.1	67.1
0.0	10°	82.1	82.1	82.1	82.1	82.1	81.3	81.3	81.3	80.4
0.0	12.5°	103.3	104.2	106.0	107.7	110.4	110.4	110.4	109.5	109.5
0.0	15°	163.4	173.1	180.2	187.2	193.4	207.5	205.8	203.1	201.4
0.0	17.5°	413.3	457.5	481.3	504.3	528.1	593.5	582.9	572.3	562.6
0.0	20°	1071.3	1187.0	1263.8	1340.6	1418.4	1541.1	1511.1	1481.1	1451.0
0.0	22.5°	2291.8	2557.6	2673.3	2789.0	2903.8	3052.2	2955.9	2859.7	2764.3
0.0	25°	3471.7	3817.0	4012.2	4207.4	4401.7	4486.4	4361.0	4234.7	4109.3
0.0	27.5°	4633.0	5023.4	5195.6	5366.9	5539.2	5716.7	5561.2	5404.9	5249.5
0.0	30°	5563.9	5990.5	6176.8	6362.3	6548.6	6672.3	6511.5	6349.9	6189.2
0.0	32.5°	6477.1	6943.4	7147.4	7351.4	7554.5	7732.0	7534.2	7335.5	7137.7
0.0	35°	7371.7	7904.3	8185.1	8465.9	8746.8	8911.9	8677.0	8441.2	8206.3
0.0	37.5°	8463.3	9121.2	9435.7	9750.1	10064.5	10365.6	10106.9	9847.2	9588.4
0.0	40°	10385.9	11314.1	11796.3	12279.4	12761.6	13150.2	12823.4	12496.7	12169.9
0.0	42.5°	13630.6	14955.4	15648.7	16341.1	17034.3	17641.1	17297.5	16954.0	16610.4
0.0	45°	18382.9	20145.7	20990.9	21835.2	22680.4	23123.7	22629.1	22133.7	21639.1
0.0	47.5°	21707.1	23462.8	24215.3	24967.7	25720.2	26226.2	25621.3	25016.3	24412.2
0.0	50°	23219.1	24889.1	25644.2	26398.5	27153.5	27555.4	26856.8	26157.3	25458.8
0.0	52.5°	23511.4	25071.9	25972.8	26874.5	27775.3	28312.3	27487.4	26661.6	25836.8
0.0	55°	23827.6	25481.7	26526.5	27572.2	28616.9	29360.6	28427.9	27494.4	26561.8
0.0	57.5°	24422.8	26211.2	27253.3	28294.6	29336.7	29968.2	29032.9	28096.8	27161.5
0.0	60°	24475.8	26150.3	27045.8	27942.2	28837.7	29235.2	28340.5	27445.0	26550.4
0.0	62.5°	22895.8	24152.6	24774.3	25396.1	26017.8	26449.7	25516.2	24581.8	23648.3
0.0	65°	19110.6	19888.7	20384.1	20879.6	21375.1	21889.9	21035.0	20180.1	19325.2
0.0	67.5°	15142.6	15737.9	16390.5	17043.2	17695.8	18246.0	17561.6	16876.2	16191.8
	70°	12177.9	12980.6	13714.5	14448.5	15182.4	15632.8	14945.7	14257.7	13570.6
	72.5°	9675.0	10525.5	11138.4	11750.4	12363.3	12473.7	11968.5	11463.4	10959.1
	75°	5874.8	6381.7	6394.1	6405.5	6417.9	6523.0	6104.4	5685.8	5268.0
	77.5°	1732.8	1913.8	2063.1	2211.4	2360.7	2540.8	2387.2	2232.6	2079.0
	80°	501.6	547.6	586.4	624.4	663.3	640.3	604.1	567.9	531.7
	82.5°	90.1	84.8	83.9	83.0	83.0	78.6	71.5	64.5	57.4
	85°	15.9	15.0	14.1	13.2	12.4	11.5	9.7	8.8	7.1
	87.5°	5.3	4.4	3.5	2.6	2.6	0.9	0.9	0.9	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):

[illegible]

REPORT NUMBER: P1049254

CATALOG NUMBER: GALN-SA3B-850-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0.0	0.0	2.5°	50.3	49.5	49.5	49.5	49.5	48.6	48.6	48.6	48.6
0.0	0.0	5°	55.6	55.6	54.8	54.8	53.9	53.9	53.0	53.0	52.1
0.0	0.0	7.5°	65.4	64.5	63.6	62.7	61.8	60.1	59.2	58.3	58.3
0.0	0.0	10°	78.6	76.8	76.0	74.2	73.3	71.5	69.8	68.0	66.2
0.0	0.0	12.5°	103.3	99.8	97.1	93.6	90.1	87.4	83.9	81.3	77.7
0.0	0.0	15°	179.3	170.4	160.7	149.3	136.9	125.4	113.0	106.0	98.0
0.0	0.0	17.5°	458.4	412.4	365.6	327.7	289.7	252.6	214.6	187.2	159.9
0.0	0.0	20°	1166.7	1039.5	912.3	786.9	660.6	535.2	408.9	345.3	281.7
0.0	0.0	22.5°	2195.5	1959.7	1723.0	1494.3	1264.7	1035.9	807.2	663.3	520.2
0.0	0.0	25°	3388.7	3091.9	2795.2	2419.0	2041.9	1665.6	1289.4	1055.4	821.3
0.0	0.0	27.5°	4409.6	4067.8	3726.0	3268.6	2811.1	2353.6	1896.1	1547.3	1199.3
0.0	0.0	30°	5293.6	4926.3	4558.9	4026.3	3493.8	2961.2	2428.7	1992.4	1556.1
0.0	0.0	32.5°	6060.2	5620.4	5180.6	4631.3	4082.0	3532.6	2983.3	2448.1	1912.9
0.0	0.0	35°	6944.3	6431.2	5917.2	5307.8	4697.5	4088.1	3478.8	2874.7	2269.7
0.0	0.0	37.5°	8067.6	7437.9	6807.4	6128.2	5449.1	4770.8	4091.7	3401.0	2710.4
0.0	0.0	40°	10218.1	9405.6	8593.1	7730.3	6866.5	6003.7	5140.9	4293.0	3445.2
0.0	0.0	42.5°	14071.3	12973.6	11875.8	10727.7	9578.7	8430.6	7281.6	6085.8	4889.2
0.0	0.0	45°	18420.0	17058.2	15695.5	14406.9	13117.5	11829.0	10540.5	8899.6	7258.7
0.0	0.0	47.5°	20865.5	19395.0	17924.6	16704.9	15485.3	14265.6	13046.0	11277.0	9508.1
0.0	0.0	50°	21765.4	20268.5	18771.5	17649.0	16525.6	15403.1	14279.8	12508.2	10735.7
0.0	0.0	52.5°	21957.1	20430.1	18903.1	17773.5	16644.0	15515.3	14385.7	12625.6	10865.5
0.0	0.0	55°	22350.9	20712.7	19073.5	17785.9	16498.3	15210.6	13923.0	12134.6	10346.2
0.0	0.0	57.5°	22865.8	21186.1	19506.3	18039.4	16572.4	15106.4	13639.5	11684.2	9728.9
0.0	0.0	60°	22730.7	21269.1	19806.6	18235.4	16663.4	15092.3	13520.3	11369.8	9218.4
0.0	0.0	62.5°	20385.0	19221.0	18056.1	16764.1	15471.1	14179.1	12887.0	10673.0	8458.9
0.0	0.0	65°	16770.3	15920.7	15071.1	14031.6	12991.2	11951.8	10912.3	8927.0	6942.5
0.0	0.0	67.5°	13591.8	12634.4	11676.2	10847.8	10018.5	9190.1	8360.8	6798.5	5236.2
		70°	10798.4	9757.1	8715.0	7906.0	7096.2	6287.2	5478.2	4439.6	3401.9
		72.5°	8575.5	7636.7	6697.9	5835.0	4971.3	4108.4	3244.7	2630.9	2017.1
		75°	4098.7	3723.4	3348.0	2896.8	2445.5	1994.2	1542.9	1275.3	1008.6
		77.5°	1519.0	1316.8	1113.7	930.0	746.3	563.5	379.8	348.0	316.2
		80°	393.0	342.7	291.4	255.2	218.1	181.9	145.7	131.6	118.3
		82.5°	45.0	41.5	38.9	37.1	34.4	32.7	30.0	27.4	24.7
		85°	2.6	1.8	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



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049254

CATALOG NUMBER: GALN-SA3B-850-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	51.2	51.2
0.0	0.0	2.5°	47.7	46.8
0.0	0.0	5°	50.3	49.5
0.0	0.0	7.5°	55.6	53.9
0.0	0.0	10°	60.9	59.2
0.0	0.0	12.5°	68.9	66.2
0.0	0.0	15°	77.7	72.4
0.0	0.0	17.5°	92.7	81.3
0.0	0.0	20°	125.4	96.3
0.0	0.0	22.5°	176.6	120.1
0.0	0.0	25°	259.6	166.0
0.0	0.0	27.5°	361.2	220.8
0.0	0.0	30°	480.4	276.4
0.0	0.0	32.5°	585.5	329.4
0.0	0.0	35°	722.4	383.3
0.0	0.0	37.5°	891.1	452.2
0.0	0.0	40°	1152.5	556.4
0.0	0.0	42.5°	1623.2	748.9
0.0	0.0	45°	2636.2	1294.7
0.0	0.0	47.5°	4056.3	2141.7
0.0	0.0	50°	4962.5	2733.4
0.0	0.0	52.5°	5036.6	2729.0
0.0	0.0	55°	4597.7	2426.0
0.0	0.0	57.5°	3923.0	2027.7
0.0	0.0	60°	3260.6	1603.8
0.0	0.0	62.5°	2569.1	1107.5
0.0	0.0	65°	1877.6	783.4
0.0	0.0	67.5°	1348.6	585.5
		70°	886.7	448.6
		72.5°	577.6	365.6
		75°	388.6	302.9
		77.5°	227.0	201.4
		80°	80.4	70.7
		82.5°	15.0	10.6
		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: P1049254

CATALOG NUMBER: GALN-SA3B-850-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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

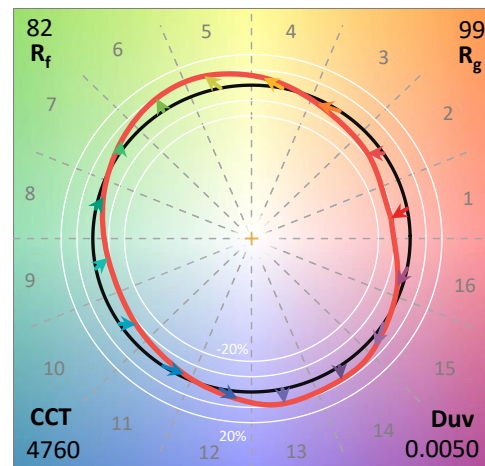
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-12
 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-850-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4760
 CIE u' : 0.2107
 CIE v' : 0.4939
 Duv: 0.0050
 CIE x: 0.3537
 CIE y: 0.3685
 CIE z: 0.2779
 Peak Wavelength (nm): 443
 Dominant Wavelength (nm): 571
 Purity: 16.69598
 R_f: 82
 R_g: 99.4

CRI (Ra): 81.1
 R1: 79.8
 R2: 83.5
 R3: 87.9
 R4: 83.1
 R5: 80.5
 R6: 79.1
 R7: 86.1
 R8: 69.0
 R9: 8.7
 R10: 62.4
 R11: 83.8
 R12: 63.0
 R13: 79.9
 R14: 93.3
 R15: 72.7



Test Conditions

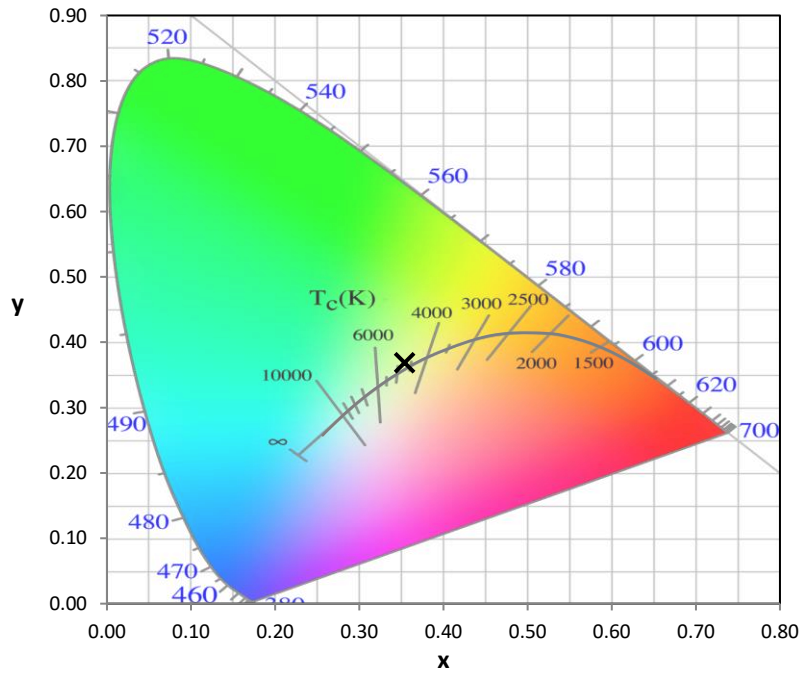
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-12

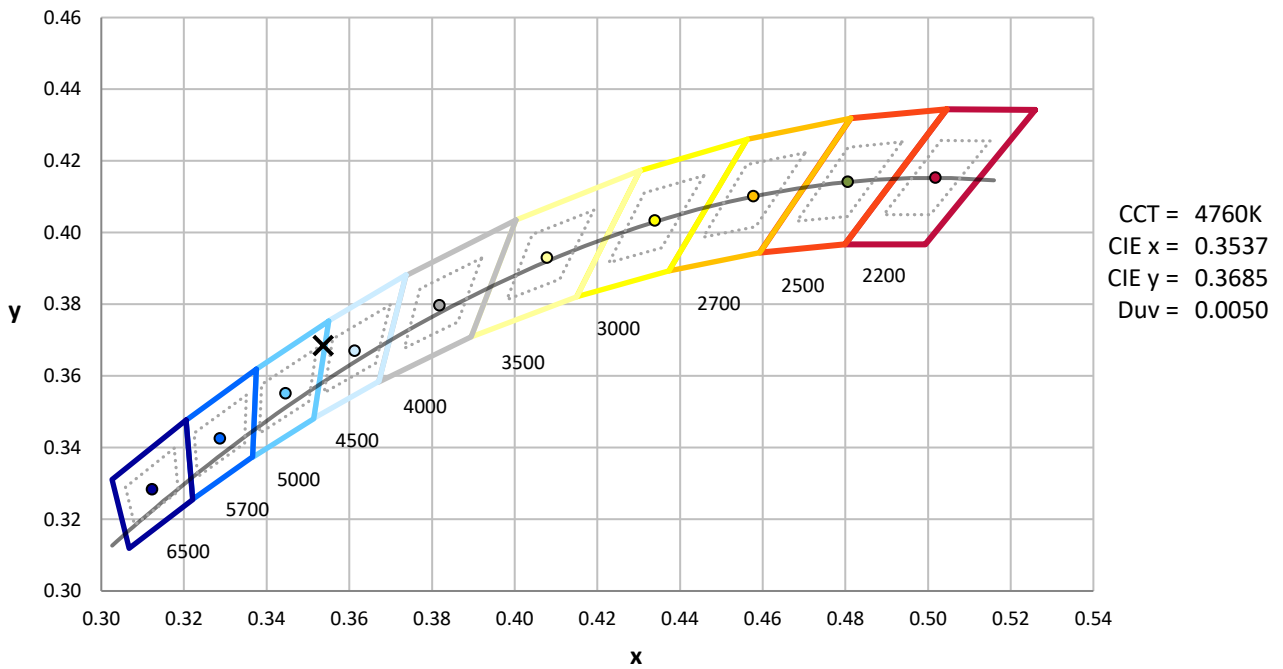
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



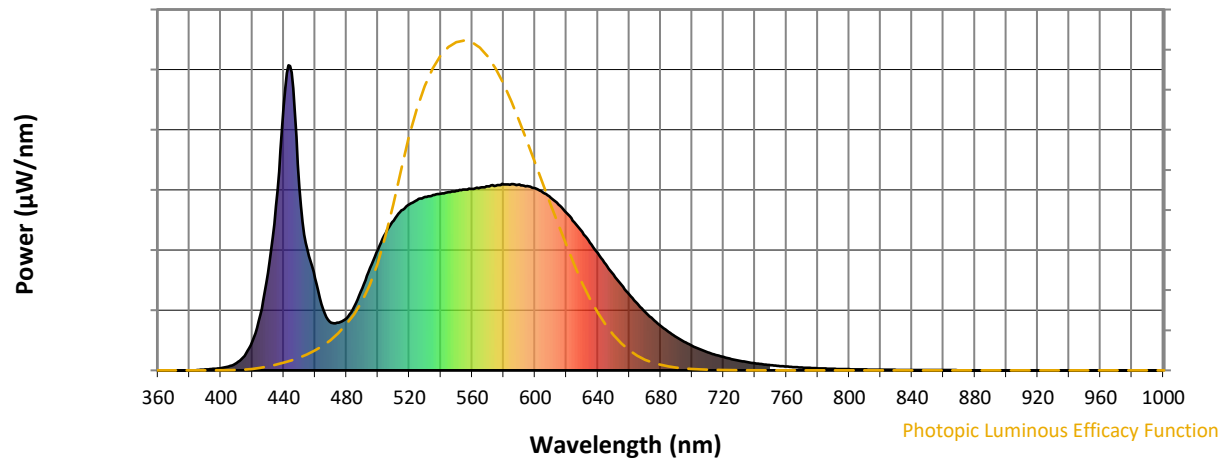
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

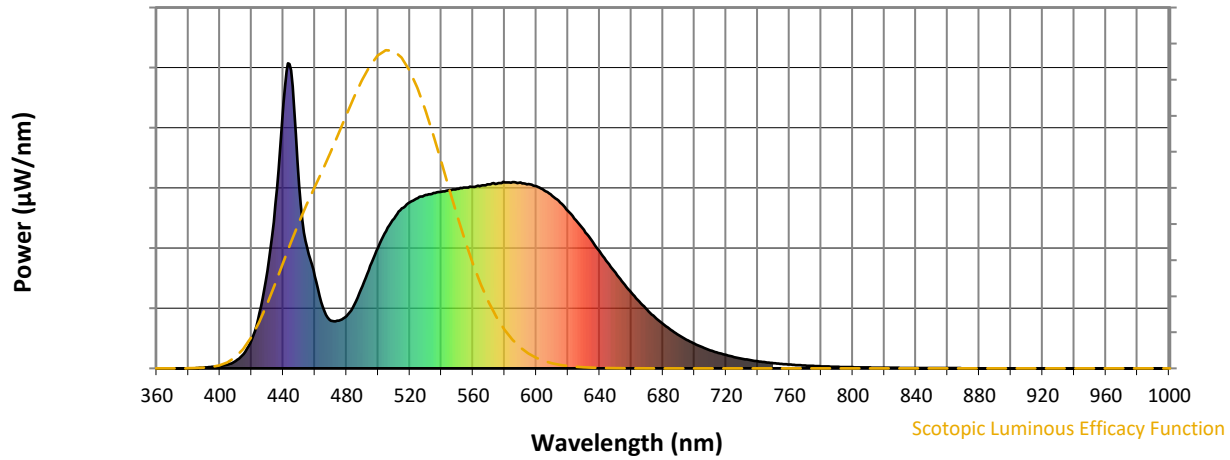


Photopic Lumens: NR

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Scotopic Flux vs. Wavelength



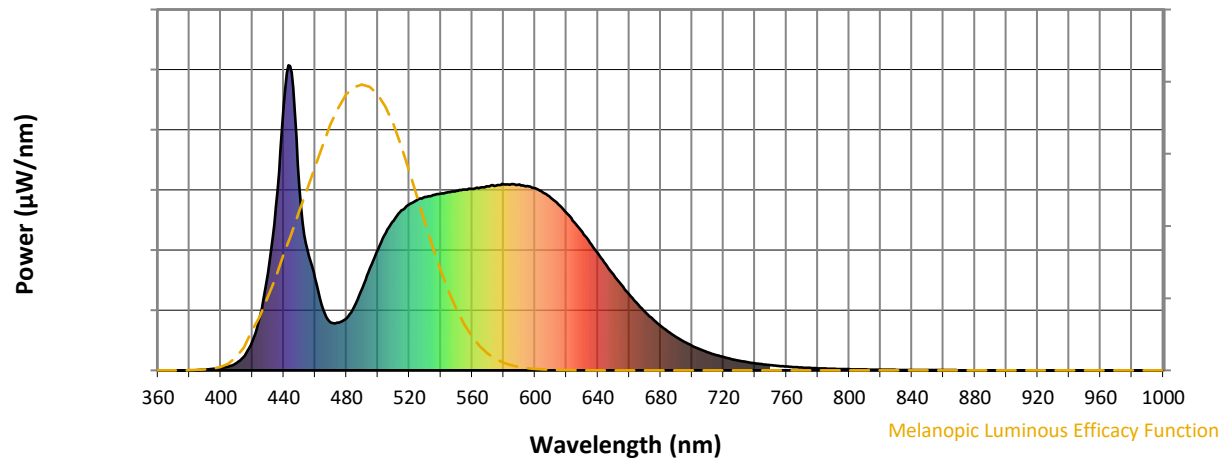
Scotopic Lumens: NR

S/P: 1.83

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.74

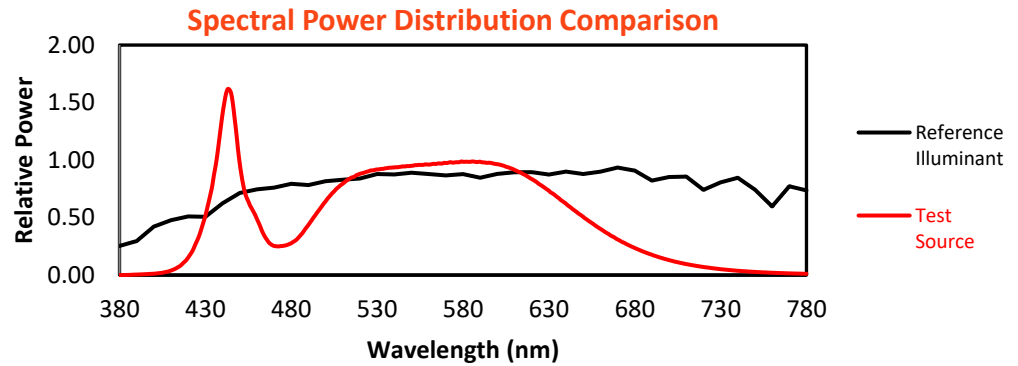
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

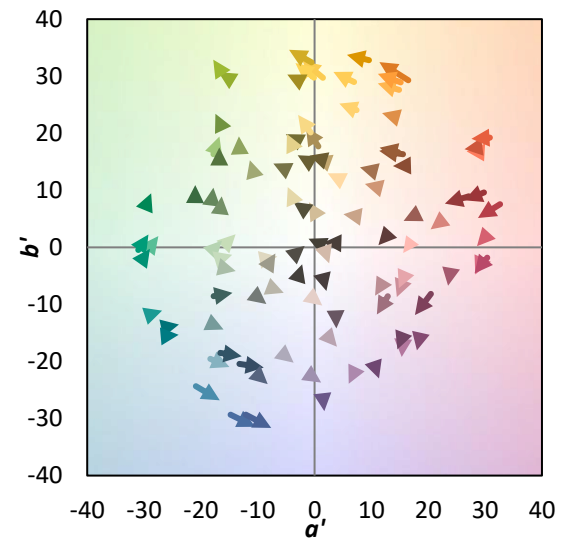
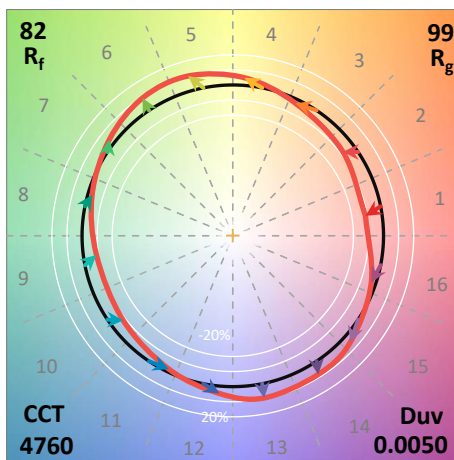
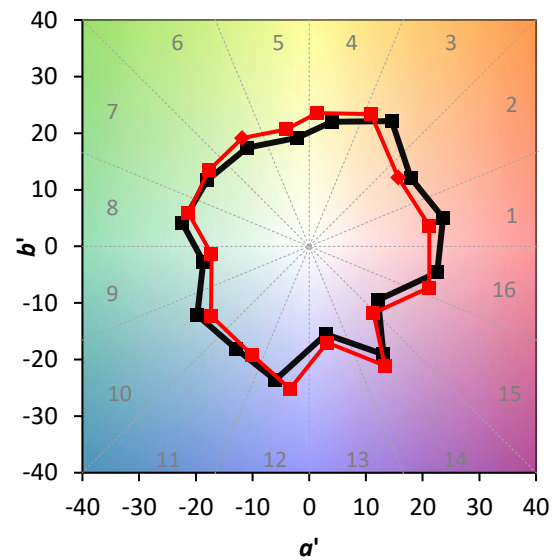
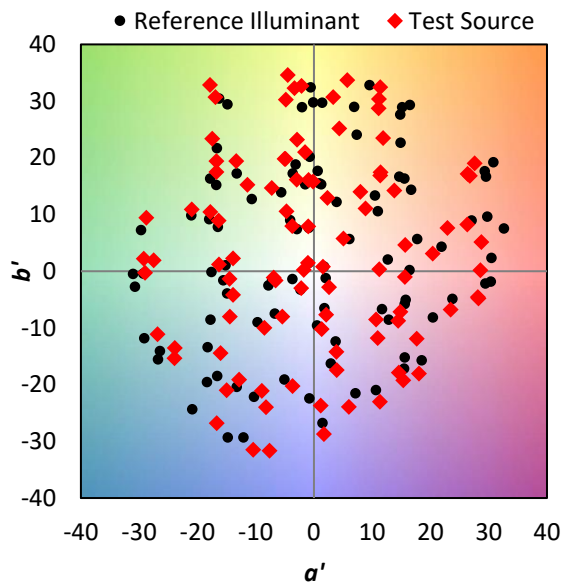
TM-30-18

Summary

$R_f = 82$
 $R_g = 99.4$
 $CIE R_a = 81.1$
 $R_9 = 8.7$

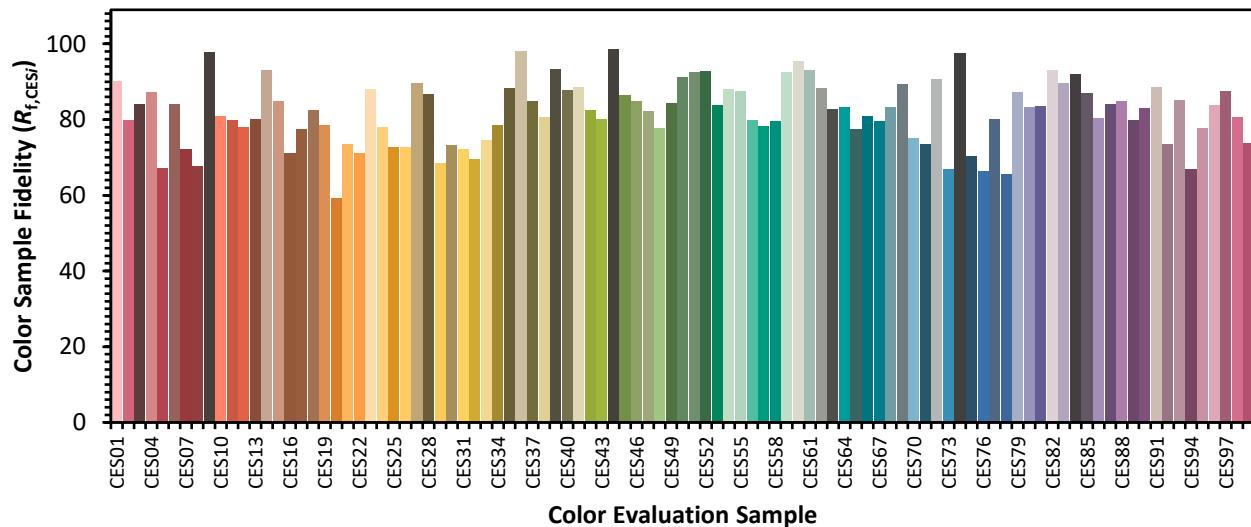


Color Vector Graphics

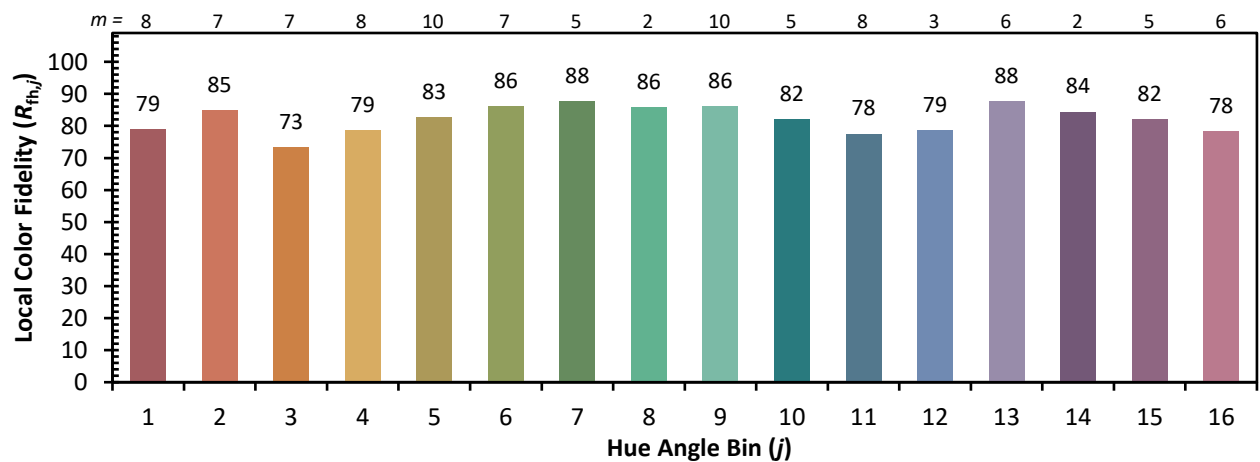
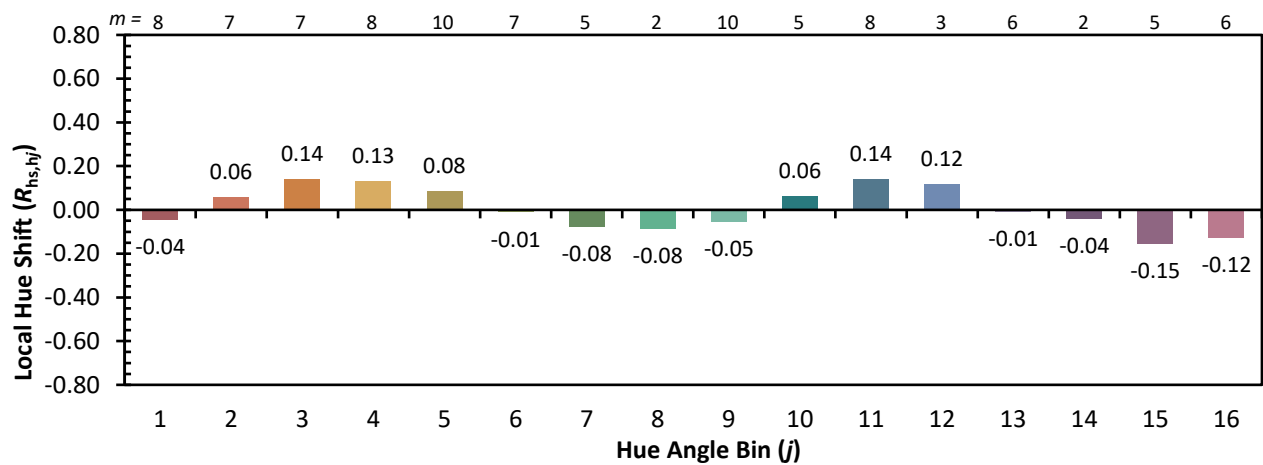
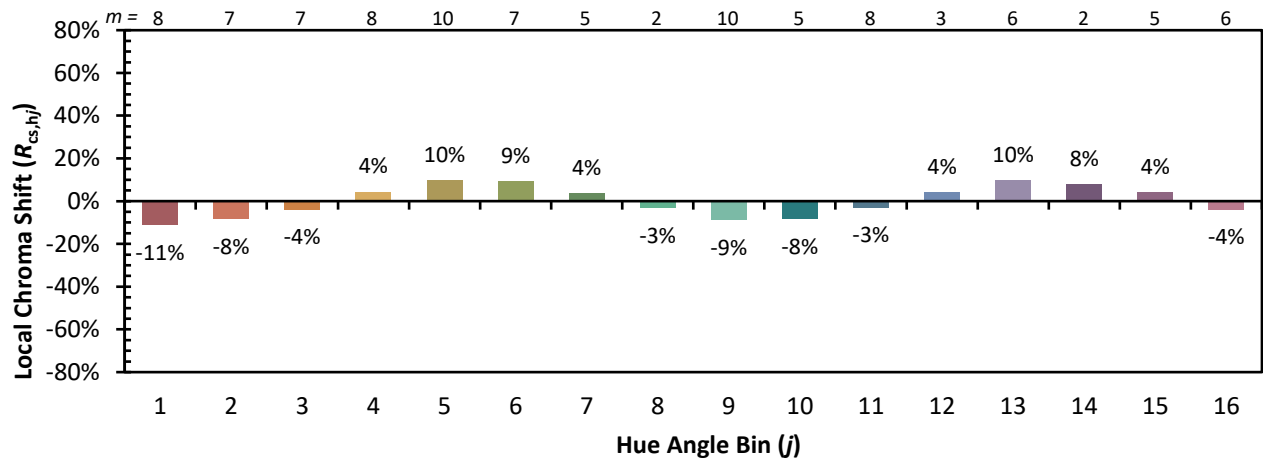


Individual Sample Fidelity Index ($R_{f,i}$)

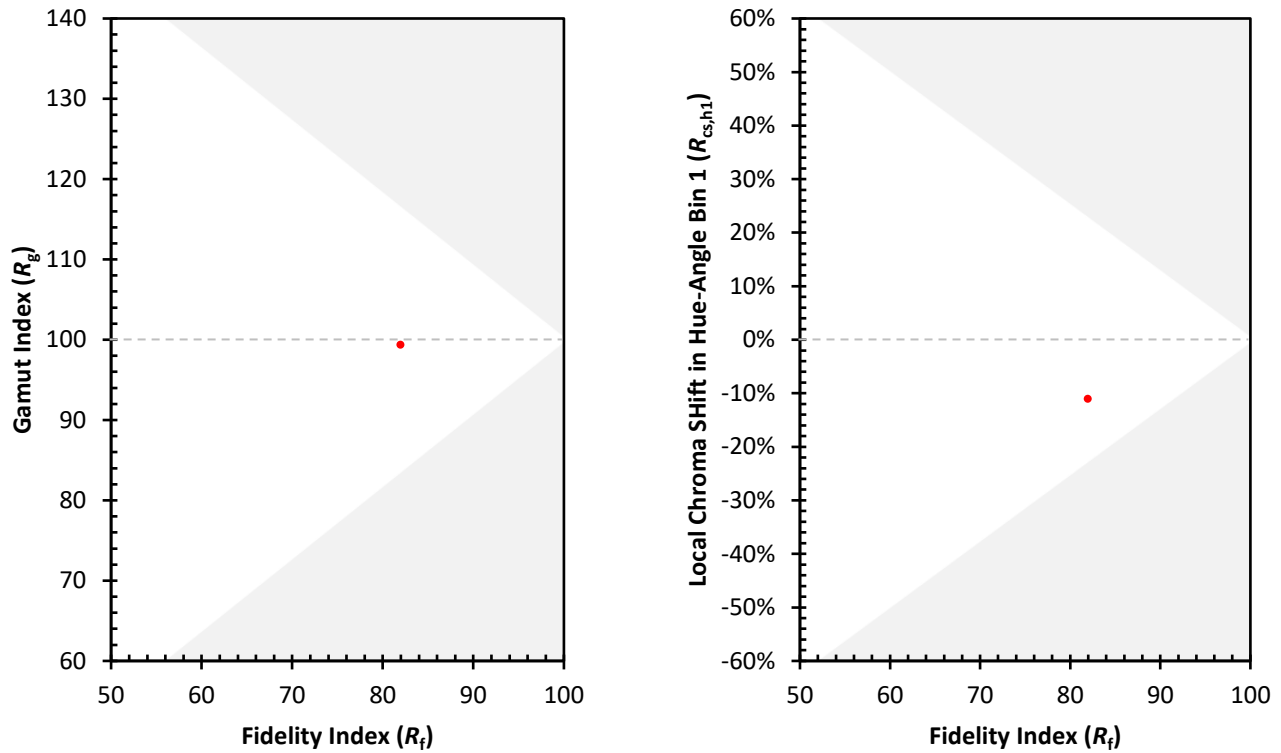
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)