

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: P1049210

Luminaire Tested: **GALN-SA1B-840-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049210
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA1B-840-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 1xLight Square PACKAGE
80CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (14) 4000K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3790.1 lumens
Efficiency: N/A
Efficacy: 97.9 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

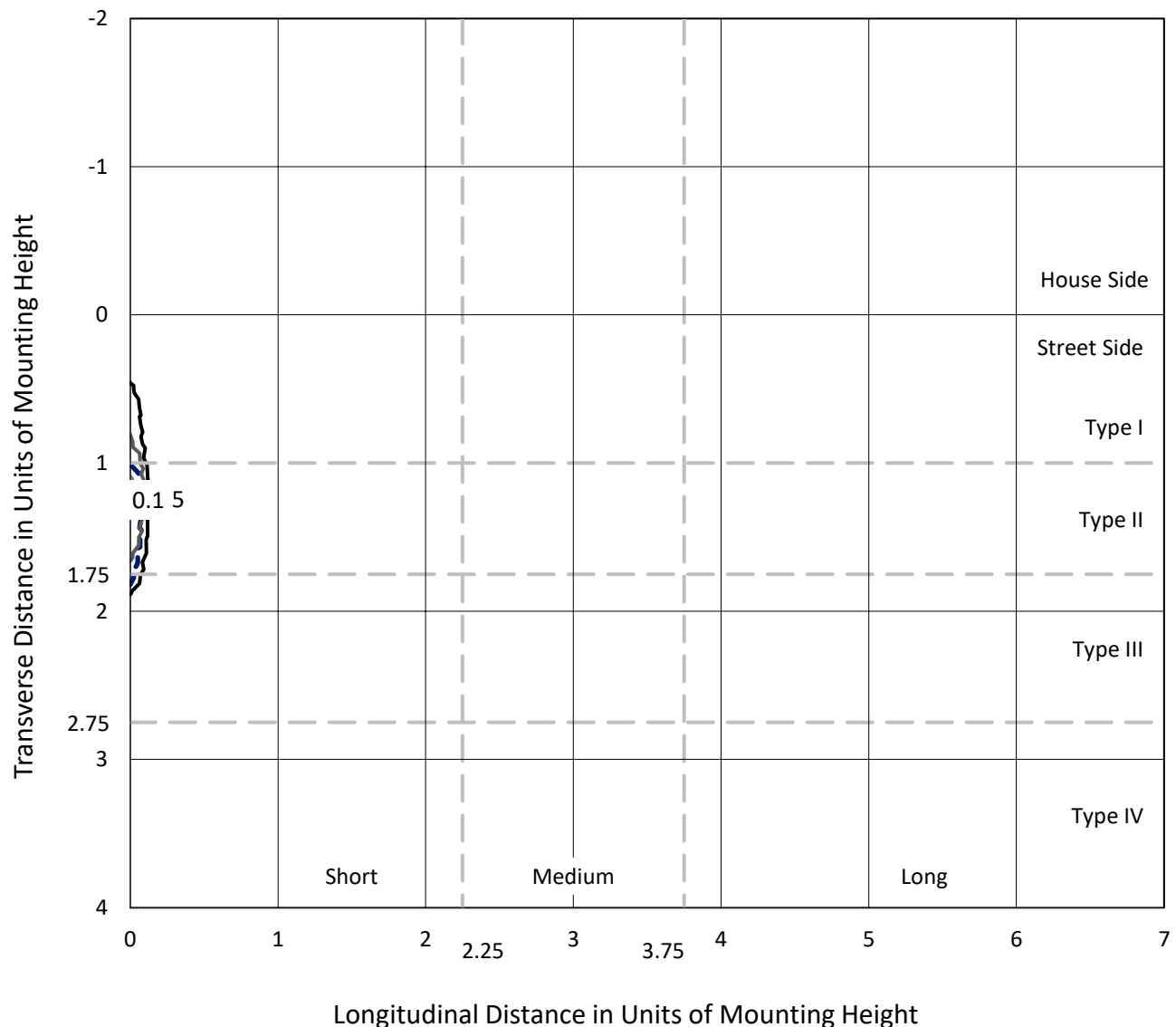
Input Watts (W): 38.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

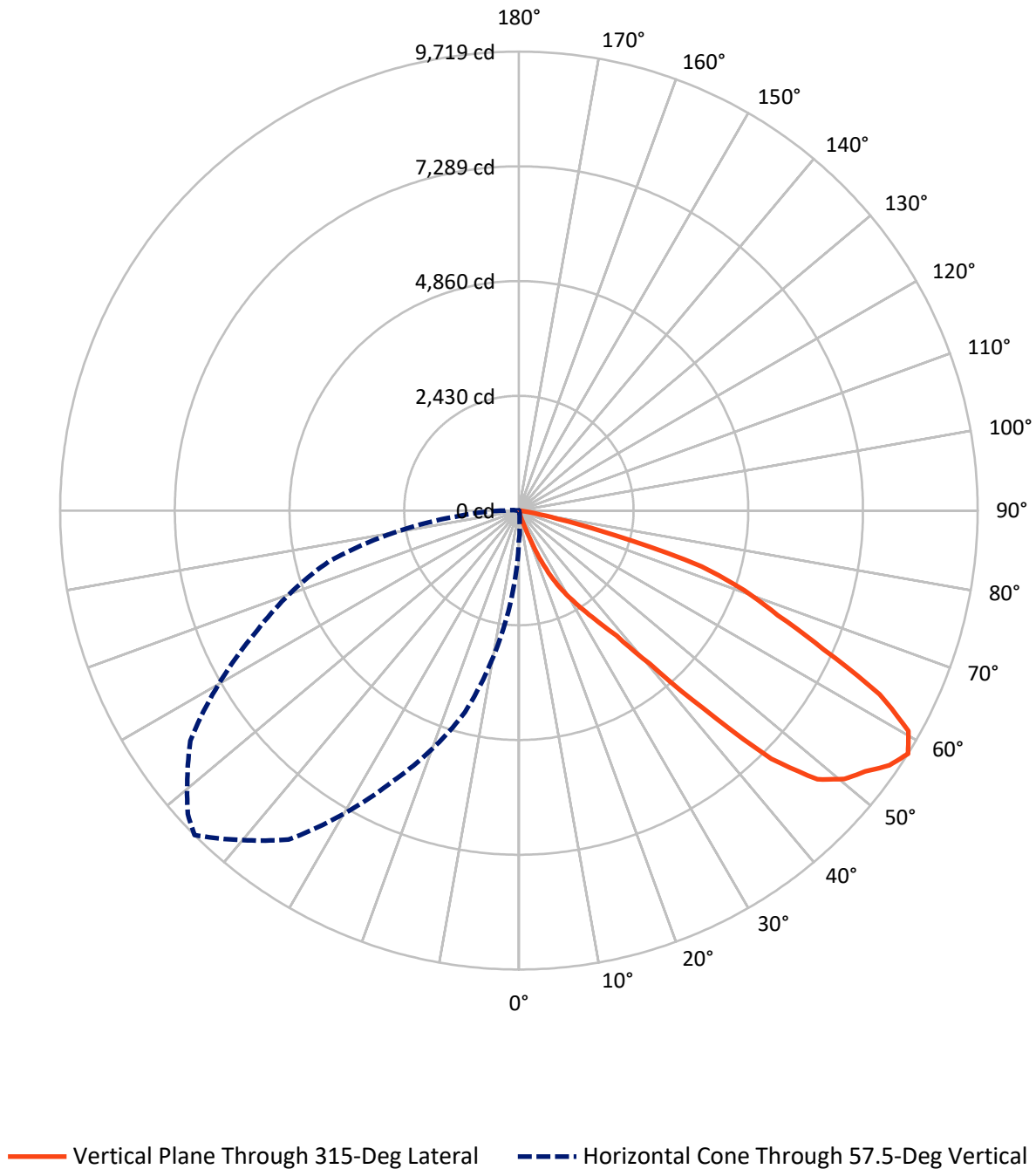
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 0.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	19.0	0.0	19.0
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	3771.2	0.0	3771.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	3790.1	0.0	3790.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.5	0.0
10°-20°	8.3	0.2
20°-30°	89.8	2.4
30°-40°	265.6	7.0
40°-50°	791.6	20.9
50°-60°	1255.2	33.1
60°-70°	1047.8	27.6
70°-80°	323.1	8.5
80°-90°	7.2	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°	3790.1	100.0
0°-180°	3790.1	100.0



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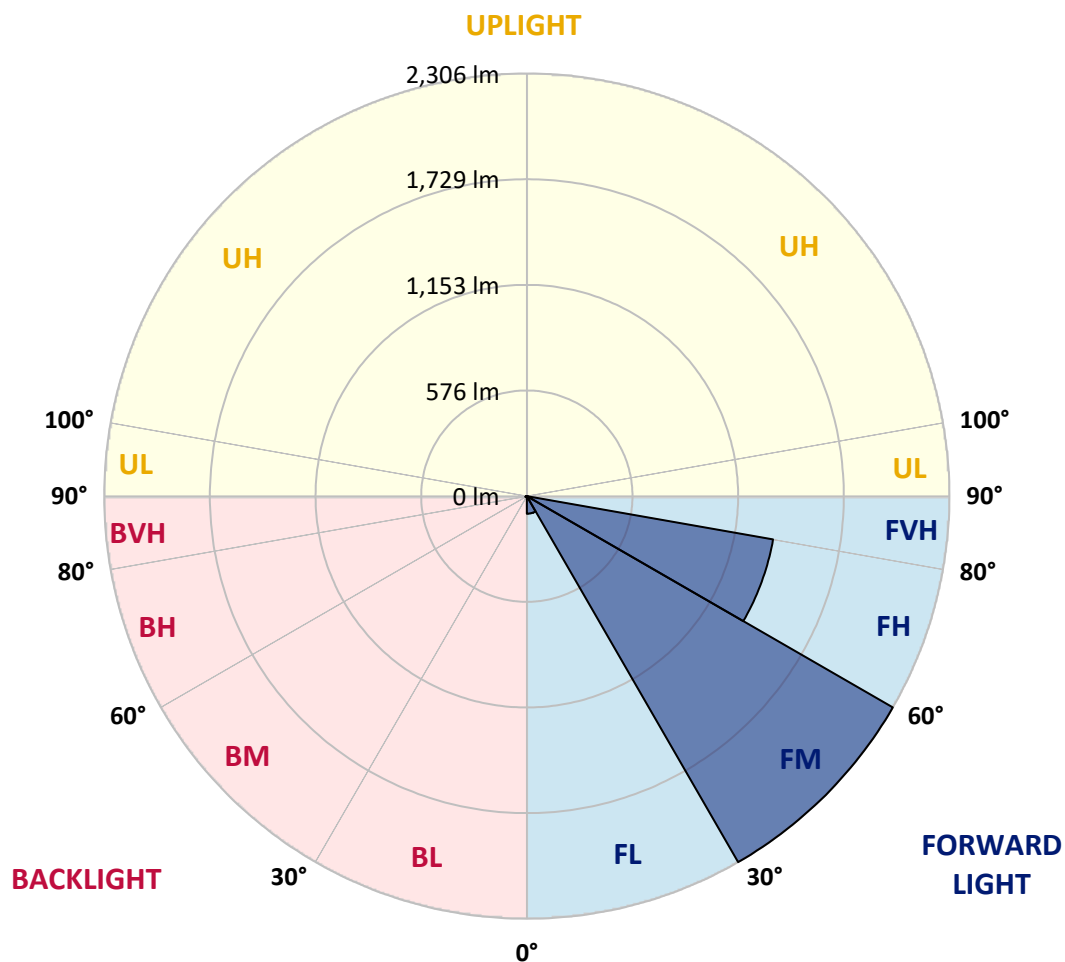
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	96.1	2.5			
FM	(30°-60°)	2305.6	60.8			
FH	(60°-80°)	1363.8	36.0			G1/1800
FVH	(80°-90°)	5.6	0.1			G0/10
BL	(0°-30°)	3.5	0.1	B0/110		
BM	(30°-60°)	6.8	0.2	B0/220		
BH	(60°-80°)	7.1	0.2	B0/110		G0/110
BVH	(80°-90°)	1.6	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-G1

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
2.5°	15.2	15.2	15.2	15.2	14.9	14.9	14.6	14.6	14.3	14.3
5°	16.0	16.0	15.8	15.5	15.5	15.2	14.9	14.6	14.6	14.3
7.5°	17.5	17.2	16.9	16.6	16.0	15.8	15.2	14.9	14.6	14.0
10°	19.2	18.6	18.0	17.5	16.9	16.3	15.8	15.5	14.9	14.6
12.5°	21.5	20.6	19.5	18.6	18.0	17.2	16.6	16.0	15.2	14.6
15°	23.5	22.3	20.9	19.8	18.9	17.8	16.9	16.0	15.5	14.6
17.5°	26.4	24.3	22.1	20.6	19.5	18.0	16.6	15.8	14.9	13.7
20°	31.2	27.2	22.9	21.2	19.5	17.8	16.0	14.9	14.0	12.9
22.5°	39.0	32.1	25.2	22.6	20.3	17.8	15.5	14.3	13.2	12.0
25°	53.8	41.5	29.2	25.8	22.3	18.9	15.5	14.0	12.9	11.5
27.5°	71.6	53.3	34.7	29.8	25.2	20.3	15.5	13.7	12.3	10.6
30°	89.6	65.3	40.7	34.4	28.1	21.8	15.5	13.5	11.7	9.7
32.5°	106.8	76.5	45.8	38.4	30.9	23.2	15.8	13.5	11.2	8.9
35°	124.3	85.6	46.7	39.0	31.2	23.2	15.5	12.9	10.6	8.0
37.5°	146.6	95.9	45.0	37.2	29.8	22.1	14.6	12.3	10.0	7.4
40°	180.4	113.1	45.8	37.8	29.8	21.8	13.7	11.5	9.5	7.2
42.5°	242.9	146.4	49.6	40.4	31.2	21.8	12.6	10.6	8.9	6.9
45°	419.9	243.2	66.4	52.7	39.0	25.2	11.5	9.7	8.3	6.6
47.5°	694.6	407.0	119.4	92.2	65.3	38.1	11.2	9.7	8.3	6.6
50°	886.5	518.4	150.4	115.7	81.1	46.4	11.7	10.0	8.6	6.9
52.5°	885.0	526.4	167.6	128.6	89.9	51.0	12.3	10.6	9.2	7.4
55°	786.8	478.9	170.7	131.2	91.9	52.4	13.2	11.5	9.7	8.0
57.5°	657.6	406.7	155.8	120.6	85.6	50.4	15.2	13.2	11.5	9.5
60°	520.1	320.8	121.4	95.9	70.7	45.3	20.0	17.5	15.2	12.6
62.5°	359.2	232.6	106.0	85.1	64.4	43.5	22.9	20.3	18.0	15.5
65°	254.1	175.0	95.7	77.9	60.4	42.7	24.9	22.1	19.5	16.6
67.5°	189.9	139.2	88.2	73.0	57.9	42.7	27.5	24.1	20.9	17.5
70°	145.5	114.3	82.8	70.5	58.4	46.1	33.8	28.9	24.3	19.5
72.5°	118.6	97.7	76.5	67.6	58.7	49.8	41.0	34.7	28.4	21.8
75°	98.2	83.6	69.0	61.6	54.4	47.0	39.5	33.8	28.4	22.6
77.5°	65.3	59.6	53.6	49.3	45.0	40.4	36.1	31.2	26.6	21.8
80°	22.9	22.1	21.2	22.9	24.6	26.4	28.1	24.6	21.5	18.0
82.5°	3.4	3.2	2.9	3.2	3.4	3.7	4.0	4.3	4.6	4.9
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°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	14.0	14.0	13.7	13.7	13.7	13.5	13.5	13.2	13.2	13.2
0.0	5°	13.7	13.7	13.5	13.2	12.9	12.9	12.6	12.3	12.3	12.0
0.0	7.5°	13.5	13.2	12.9	12.6	12.3	12.0	11.7	11.5	11.5	11.2
0.0	10°	13.7	13.2	12.9	12.3	12.0	11.7	11.2	10.9	10.6	10.6
0.0	12.5°	13.2	12.9	12.3	11.7	11.5	10.9	10.6	10.0	9.7	9.7
0.0	15°	13.2	12.6	11.7	11.2	10.6	10.3	9.7	9.2	8.9	8.6
0.0	17.5°	12.3	11.7	10.9	10.3	9.7	9.2	8.6	8.0	7.7	7.4
0.0	20°	11.2	10.6	9.7	8.9	8.3	7.7	7.2	6.6	6.3	6.0
0.0	22.5°	10.0	9.5	8.6	7.7	7.2	6.6	5.7	5.2	4.9	4.3
0.0	25°	9.5	8.6	7.7	6.9	6.0	5.4	4.6	3.7	3.2	2.6
0.0	27.5°	8.0	7.2	6.3	5.4	4.6	3.7	2.9	2.0	1.4	1.1
0.0	30°	6.9	6.0	5.2	4.3	3.2	2.3	1.4	0.3	0.3	0.3
0.0	32.5°	5.7	4.9	3.7	2.9	2.3	1.4	0.9	0.0	0.0	0.0
0.0	35°	4.6	3.7	2.6	1.7	1.4	0.9	0.6	0.0	0.0	0.0
0.0	37.5°	4.0	3.2	2.0	0.9	0.6	0.6	0.3	0.0	0.0	0.0
0.0	40°	3.7	2.6	1.4	0.3	0.3	0.3	0.0	0.0	0.0	0.0
0.0	42.5°	3.7	2.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	3.7	2.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	3.7	2.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	4.0	2.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	4.6	3.4	2.3	1.1	0.9	0.6	0.3	0.0	0.0	0.0
0.0	55°	5.7	5.2	4.3	3.7	2.9	2.0	0.9	0.0	0.0	0.0
0.0	57.5°	7.4	7.4	7.2	6.9	5.2	3.4	1.7	0.0	0.0	0.0
0.0	60°	10.0	10.0	10.0	10.0	7.4	5.2	2.6	0.0	0.0	0.0
0.0	62.5°	12.3	11.7	10.9	10.3	7.7	5.2	2.6	0.0	0.0	0.0
0.0	65°	12.3	11.2	9.7	8.3	6.3	4.3	2.0	0.0	0.0	0.0
0.0	67.5°	11.5	9.2	6.6	4.3	3.2	2.3	1.1	0.0	0.0	0.0
	70°	11.5	8.0	4.6	1.1	0.9	0.6	0.3	0.0	0.0	0.0
	72.5°	11.5	7.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	12.6	8.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	12.6	8.6	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	11.2	7.4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	3.7	2.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	12.9	12.9	12.9	12.6	12.6	12.6	12.6	12.3	12.3	12.3
0.0	5°	11.7	11.7	11.5	11.5	11.2	11.2	10.9	10.9	10.6	10.6
0.0	7.5°	10.9	10.6	10.6	10.3	10.0	10.0	9.7	9.7	9.5	9.2
0.0	10°	10.0	9.7	9.7	9.5	9.2	8.9	8.9	8.6	8.3	8.0
0.0	12.5°	9.2	8.9	8.6	8.3	8.0	7.7	7.7	7.4	7.2	6.9
0.0	15°	8.0	7.7	7.4	7.2	6.9	6.6	6.6	6.3	6.0	5.7
0.0	17.5°	6.9	6.6	6.6	6.3	6.0	5.7	5.4	4.9	4.6	4.3
0.0	20°	5.2	4.9	4.6	4.3	4.0	3.4	3.2	2.6	2.0	1.7
0.0	22.5°	3.4	2.9	2.6	2.0	1.4	1.1	0.9	0.3	0.0	0.0
0.0	25°	1.1	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA1B-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049210

CATALOG NUMBER: GALN-SA1B-840-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	12.0	12.0	12.0	11.7	11.7	11.7	11.7	11.7	11.7	11.7
0.0	5°	10.3	10.3	10.3	10.0	10.0	9.7	9.7	9.7	9.5	9.5
0.0	7.5°	8.9	8.6	8.6	8.3	8.3	8.0	8.0	8.0	7.7	7.7
0.0	10°	7.4	7.2	7.2	6.9	6.9	6.6	6.6	6.3	6.3	6.0
0.0	12.5°	6.6	6.3	6.0	5.7	5.7	5.4	5.2	5.2	4.9	4.6
0.0	15°	5.2	4.9	4.6	4.3	4.0	3.7	3.4	3.4	3.2	2.9
0.0	17.5°	3.4	2.9	2.6	2.3	2.3	2.0	1.7	1.4	1.1	0.9
0.0	20°	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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-SA1B-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049210

CATALOG NUMBER: GALN-SA1B-840-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°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	11.7	11.5	11.5	11.5	11.7	11.7	11.7	11.7	11.7	11.7
0.0	5°	9.5	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
0.0	7.5°	7.7	7.4	7.4	7.4	7.4	7.2	7.2	7.2	7.2	7.2
0.0	10°	6.0	5.7	5.7	5.7	5.7	5.4	5.4	5.4	5.4	5.4
0.0	12.5°	4.3	4.3	4.0	4.0	4.0	3.7	3.7	3.7	3.7	3.4
0.0	15°	2.6	2.3	2.0	2.0	2.0	1.7	1.7	1.7	1.7	1.4
0.0	17.5°	0.6	0.6	0.3	0.3	0.3	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA1B-840-U-RBC

[illegible]



REPORT NUMBER: P1049210

CATALOG NUMBER: GALN-SA1B-840-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	12.0	12.0	12.3	12.3	12.6	13.2	13.5	13.7	14.3	14.9
0.0	5°	9.5	9.7	9.7	10.0	10.3	10.6	10.9	11.2	11.7	12.3
0.0	7.5°	7.4	7.4	7.7	7.7	8.0	8.6	8.9	9.2	9.7	10.6
0.0	10°	5.7	5.7	6.0	6.0	6.3	6.9	7.2	7.4	8.0	8.9
0.0	12.5°	3.7	4.0	4.0	4.3	4.6	5.2	5.4	5.7	6.3	6.9
0.0	15°	1.7	2.0	2.0	2.3	2.6	3.2	3.4	3.7	4.3	5.2
0.0	17.5°	0.3	0.3	0.6	0.6	0.9	1.1	1.4	1.7	2.6	3.2
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.1
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049210

CATALOG NUMBER: GALN-SA1B-840-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°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	15.8	16.3	16.9	17.5	18.0	18.6	18.9	19.5	19.8	20.0
0.0	5°	13.5	14.0	14.9	15.5	16.0	16.6	17.2	17.5	17.8	18.0
0.0	7.5°	11.7	12.3	13.2	13.7	14.3	14.9	15.5	16.0	16.3	16.6
0.0	10°	10.0	10.9	11.5	12.3	12.9	13.5	14.0	14.6	15.2	15.5
0.0	12.5°	8.0	8.9	9.7	10.3	11.2	12.0	12.6	13.2	13.7	14.3
0.0	15°	6.3	7.2	8.0	8.6	9.5	10.3	11.2	11.7	12.3	12.9
0.0	17.5°	4.6	5.4	6.3	6.9	7.7	8.6	9.2	10.0	10.6	11.2
0.0	20°	2.3	3.2	4.0	4.9	5.7	6.6	7.2	8.0	8.6	9.2
0.0	22.5°	0.3	1.1	2.0	2.6	3.4	4.3	4.9	5.7	6.3	6.9
0.0	25°	0.0	0.3	0.9	1.1	1.4	2.0	2.6	3.2	3.7	4.3
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.6	1.1	1.7	2.3
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6
	85°	0.0	0.0	0.0	0.0	0.0	0.6	0.9	1.4	1.7	2.0
	87.5°	0.0	0.3	0.6	0.9	1.1	1.7	2.3	2.9	3.2	3.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA1B-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049210

CATALOG NUMBER: GALN-SA1B-840-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	20.3	20.3	20.3	20.3	20.0	20.0	20.0	19.8	19.8	19.5
0.0	5°	18.6	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.6	18.6
0.0	7.5°	17.2	17.5	17.8	17.8	18.0	18.0	18.0	17.8	17.8	17.5
0.0	10°	16.3	16.6	16.6	16.9	16.9	16.9	16.9	16.9	16.9	16.9
0.0	12.5°	15.2	15.5	15.8	15.8	16.0	16.0	16.0	16.0	15.8	15.8
0.0	15°	13.7	14.3	14.6	14.9	14.9	15.2	15.2	15.2	15.2	15.2
0.0	17.5°	12.6	13.2	13.5	13.7	13.7	14.0	14.0	14.3	14.3	14.3
0.0	20°	10.3	10.9	11.2	11.7	12.0	12.3	12.6	12.9	12.9	13.2
0.0	22.5°	8.0	8.6	8.9	9.5	9.7	10.0	10.3	10.6	10.9	11.2
0.0	25°	5.7	6.3	6.6	7.2	7.4	7.7	8.0	8.3	8.3	8.6
0.0	27.5°	3.2	3.7	4.3	4.6	5.2	5.4	5.7	6.0	6.3	6.6
0.0	30°	1.4	1.7	2.0	2.6	2.9	3.2	3.4	4.0	4.3	4.6
0.0	32.5°	0.0	0.0	0.3	0.9	1.1	1.4	1.7	2.0	2.0	2.3
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.1
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9
	82.5°	1.4	1.7	2.0	2.0	2.3	2.3	2.3	2.3	2.0	2.0
	85°	2.9	3.2	3.4	3.4	3.7	3.7	3.7	3.7	3.7	3.7
	87.5°	4.0	4.3	4.6	4.6	4.9	4.9	4.9	4.9	4.9	4.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049210

CATALOG NUMBER: GALN-SA1B-840-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
16.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.9											
2.0											
3.7											
4.9											
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REPORT NUMBER: P1049210

CATALOG NUMBER: GALN-SA1B-840-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°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	19.2	19.2	18.9	18.9	18.9	18.9	18.9	19.2	19.5	19.5
0.0	5°	18.3	18.3	18.0	18.0	18.0	18.3	18.3	18.6	18.9	19.2
0.0	7.5°	17.5	17.2	17.2	17.5	17.5	17.8	17.8	18.0	18.3	18.6
0.0	10°	16.9	16.6	16.6	16.6	16.9	16.9	17.2	17.5	17.8	18.0
0.0	12.5°	15.8	15.8	15.8	15.8	16.0	16.0	16.3	16.6	17.2	17.5
0.0	15°	15.2	14.9	14.9	14.9	14.9	15.2	15.2	15.8	16.3	16.6
0.0	17.5°	14.0	14.0	13.7	13.7	14.0	14.0	14.3	14.9	15.5	15.8
0.0	20°	12.9	12.6	12.3	12.3	12.6	12.6	12.9	13.5	14.0	14.3
0.0	22.5°	11.2	10.9	10.9	10.9	10.9	11.2	11.2	11.7	12.6	13.2
0.0	25°	8.9	9.2	9.2	9.5	9.5	9.7	10.0	10.6	11.5	12.0
0.0	27.5°	6.9	7.2	7.2	7.7	8.0	8.3	8.6	9.5	10.3	10.9
0.0	30°	5.2	5.4	5.7	6.0	6.6	7.2	7.7	8.6	9.5	10.0
0.0	32.5°	3.2	3.7	4.0	4.6	5.2	5.7	6.3	7.2	8.3	9.2
0.0	35°	2.3	2.6	3.2	3.4	4.0	4.6	5.2	6.3	7.2	8.3
0.0	37.5°	1.1	1.7	2.3	2.9	3.4	4.0	4.6	5.7	6.9	7.7
0.0	40°	0.9	1.4	1.7	2.3	3.2	3.7	4.3	5.4	6.6	7.7
0.0	42.5°	0.6	0.9	1.1	2.0	2.6	3.4	4.3	5.4	6.6	7.7
0.0	45°	0.6	0.6	0.9	1.7	2.6	3.7	4.6	5.7	6.6	7.7
0.0	47.5°	0.6	0.9	1.1	2.3	2.9	3.7	4.6	5.4	6.6	7.4
0.0	50°	0.9	1.1	1.4	2.6	3.2	4.0	4.6	5.7	6.6	7.7
0.0	52.5°	0.6	0.9	1.1	2.3	3.2	4.3	5.2	6.3	7.4	8.3
0.0	55°	0.3	0.3	0.3	1.7	3.4	4.9	6.6	7.4	8.6	9.5
0.0	57.5°	0.0	0.0	0.0	1.1	3.4	5.4	7.4	8.6	9.7	10.6
0.0	60°	0.0	0.0	0.0	1.1	3.4	5.4	7.4	8.9	10.3	11.7
0.0	62.5°	0.0	0.0	0.0	1.1	2.9	4.6	6.3	8.6	11.2	13.5
0.0	65°	0.0	0.0	0.0	0.9	2.3	3.7	5.2	8.6	12.0	15.2
0.0	67.5°	0.0	0.0	0.0	0.9	2.3	3.4	4.9	8.6	12.0	15.8
	70°	0.0	0.0	0.0	0.9	2.3	3.7	5.2	8.6	12.0	15.5
	72.5°	0.0	0.0	0.0	0.9	2.6	4.0	5.7	8.6	11.5	14.3
	75°	0.0	0.0	0.0	1.1	2.6	4.3	6.0	8.6	11.2	13.5
	77.5°	0.0	0.0	0.0	0.9	2.6	4.0	5.7	8.3	10.9	13.2
	80°	0.9	0.6	0.6	1.4	2.6	3.7	4.9	7.4	10.3	12.9
	82.5°	1.7	1.7	1.4	2.0	2.6	3.4	4.3	6.6	9.2	11.5
	85°	3.4	3.4	3.2	3.4	3.4	3.7	4.0	5.2	6.3	7.4
	87.5°	4.6	4.6	4.3	4.3	4.3	4.0	4.0	4.0	4.0	3.7
	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: P1049210

CATALOG NUMBER: GALN-SA1B-840-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
16.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9											
17.2											
16.0											
15.8											
15.5											
13.7											
8.6											
3.7											
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REPORT NUMBER: P1049210

CATALOG NUMBER: GALN-SA1B-840-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	20.0	20.3	20.3	20.6	20.9	21.2	21.2	21.5	21.5	21.5
0.0	5°	19.8	20.3	20.6	20.9	21.2	21.5	21.8	22.1	22.3	22.3
0.0	7.5°	19.5	19.8	20.3	20.6	21.2	21.5	22.1	22.3	22.6	22.9
0.0	10°	18.9	19.5	20.0	20.6	21.2	21.8	22.3	22.9	23.5	23.8
0.0	12.5°	18.3	19.2	19.8	20.3	21.2	22.1	22.6	23.5	24.1	24.6
0.0	15°	18.0	18.6	19.5	20.0	21.2	22.3	23.2	24.3	25.5	26.4
0.0	17.5°	17.2	18.3	19.2	20.0	21.2	22.6	23.8	24.9	26.6	28.4
0.0	20°	16.0	16.9	18.0	18.9	20.6	22.1	23.8	25.2	27.8	30.4
0.0	22.5°	14.9	16.0	16.9	18.0	20.0	21.8	23.8	25.5	29.8	33.8
0.0	25°	13.7	15.2	16.3	17.5	19.8	22.1	24.3	26.6	33.8	41.0
0.0	27.5°	13.2	14.3	15.8	16.9	19.8	22.9	25.8	28.6	40.1	51.3
0.0	30°	12.3	13.7	14.9	16.3	20.0	23.8	27.5	31.2	48.7	66.2
0.0	32.5°	11.5	12.9	14.3	15.8	20.6	25.5	30.1	34.9	57.9	80.5
0.0	35°	10.6	12.3	13.7	15.2	21.5	28.1	34.4	40.7	66.2	91.4
0.0	37.5°	10.3	12.0	13.5	14.9	21.8	28.4	35.2	41.8	67.0	92.2
0.0	40°	10.6	12.0	13.7	15.2	20.9	26.6	32.1	37.8	64.2	90.2
0.0	42.5°	10.6	12.3	14.0	15.8	20.3	24.9	29.5	34.1	63.3	92.5
0.0	45°	10.3	12.0	13.7	15.5	19.8	23.8	28.1	32.1	68.5	104.5
0.0	47.5°	10.0	11.7	13.5	15.2	19.5	23.8	28.1	32.4	88.5	144.4
0.0	50°	10.0	11.7	13.2	14.6	19.8	25.2	30.4	35.5	128.9	222.0
0.0	52.5°	10.6	12.0	13.2	14.3	20.3	26.6	32.7	38.7	163.8	288.7
0.0	55°	11.5	12.3	13.5	14.3	21.8	28.9	36.4	43.5	174.4	305.3
0.0	57.5°	12.6	13.5	14.3	15.2	24.3	33.5	42.4	51.6	175.3	298.7
0.0	60°	14.0	15.2	16.0	16.9	26.6	36.7	46.4	56.1	158.7	260.9
0.0	62.5°	17.2	18.6	19.8	21.2	30.6	39.8	49.3	58.4	131.8	205.1
0.0	65°	19.8	20.9	22.1	23.2	32.4	41.8	51.0	60.1	111.7	163.3
0.0	67.5°	20.3	21.5	22.3	23.5	32.9	42.4	51.6	61.0	95.7	130.0
	70°	20.6	22.1	23.8	25.2	34.9	44.7	54.1	63.9	84.8	105.7
	72.5°	19.8	22.6	25.2	27.8	36.9	45.8	55.0	63.9	78.8	93.7
	75°	19.8	23.8	27.5	31.2	38.1	44.7	51.6	58.1	69.6	81.1
	77.5°	20.9	26.1	31.2	36.4	40.4	44.1	48.1	51.8	59.3	66.7
	80°	20.9	26.4	31.5	36.9	38.7	40.7	42.4	44.1	45.0	45.8
	82.5°	18.0	22.3	26.6	30.9	28.9	26.9	24.9	22.9	21.5	19.8
	85°	9.2	10.0	10.6	11.2	10.3	9.5	8.6	7.7	7.2	6.3
	87.5°	3.7	3.7	3.4	3.4	3.4	3.4	3.2	3.2	3.2	3.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049210

CATALOG NUMBER: GALN-SA1B-840-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
16.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
192.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
220.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
278.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
423.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
649.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
817.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
836.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
754.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
645.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
504.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
281.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
199.1											
148.1											
107.7											
81.1											
45.5											
20.6											
6.0											
2.9											
0.0											
0.0											
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REPORT NUMBER: P1049210

CATALOG NUMBER: GALN-SA1B-840-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°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	21.5	21.2	21.2	20.9	20.6	20.3	20.0	19.8	19.5	19.2
0.0	5°	22.3	22.3	22.3	22.1	22.1	21.8	21.8	21.5	21.2	20.9
0.0	7.5°	23.2	23.5	23.5	23.8	23.8	23.8	23.8	23.5	23.5	23.5
0.0	10°	24.6	24.9	25.2	25.5	25.8	26.1	26.1	26.4	26.4	26.4
0.0	12.5°	26.4	27.2	27.8	28.6	29.2	30.1	30.6	31.5	32.1	32.7
0.0	15°	28.9	30.4	32.1	33.5	34.9	36.9	39.2	41.2	43.2	46.4
0.0	17.5°	32.7	37.2	41.8	46.1	50.7	60.7	70.7	80.5	90.5	105.1
0.0	20°	39.8	53.6	67.0	80.8	94.2	129.5	164.4	199.6	234.6	272.1
0.0	22.5°	55.9	89.6	123.4	157.2	191.0	264.6	338.0	411.6	484.9	571.1
0.0	25°	81.1	143.2	205.4	267.2	329.4	444.5	559.9	675.1	790.2	902.2
0.0	27.5°	118.0	213.1	308.2	403.0	498.1	654.2	810.6	966.7	1122.8	1249.3
0.0	30°	163.5	292.4	421.3	550.2	679.1	856.7	1034.2	1211.5	1389.1	1527.5
0.0	32.5°	206.5	364.3	522.1	679.7	837.5	1039.7	1242.2	1444.4	1646.6	1797.8
0.0	35°	234.6	425.3	616.4	807.1	997.9	1216.7	1435.5	1654.1	1872.9	2045.6
0.0	37.5°	262.6	482.9	702.9	923.1	1143.1	1383.4	1623.7	1864.0	2104.3	2317.7
0.0	40°	294.1	552.5	810.6	1068.9	1327.0	1611.7	1896.1	2180.8	2465.2	2766.2
0.0	42.5°	348.9	667.9	987.3	1306.3	1625.4	2002.1	2378.7	2755.0	3131.7	3561.3
0.0	45°	451.7	901.4	1351.3	1801.0	2250.7	2749.6	3248.8	3747.8	4246.7	4818.4
0.0	47.5°	703.4	1322.1	1940.5	2559.1	3177.5	3716.3	4254.7	4793.5	5331.9	5901.3
0.0	50°	1076.4	1796.4	2516.5	3236.2	3956.3	4443.8	4930.9	5418.4	5905.6	6447.2
0.0	52.5°	1346.2	2096.3	2846.7	3596.8	4346.9	4786.9	5227.1	5667.0	6107.0	6613.1
0.0	55°	1366.5	2112.3	2858.4	3604.3	4350.1	4792.0	5234.0	5675.9	6117.9	6654.3
0.0	57.5°	1209.8	1949.6	2689.2	3429.0	4168.5	4671.7	5174.7	5677.9	6180.9	6760.9
0.0	60°	1029.1	1769.2	2509.0	3249.1	3988.9	4568.6	5148.6	5728.3	6308.0	6851.4
0.0	62.5°	802.8	1564.1	2325.7	3087.0	3848.3	4436.9	5025.5	5613.8	6202.3	6609.9
0.0	65°	598.3	1337.6	2076.8	2815.8	3555.0	4026.4	4497.9	4969.0	5440.5	5692.8
0.0	67.5°	432.5	1070.1	1707.3	2344.9	2982.2	3319.6	3657.0	3994.1	4331.5	4524.5
	70°	292.4	734.1	1175.5	1617.1	2058.5	2335.7	2613.3	2890.5	3167.8	3428.4
	72.5°	202.5	450.5	698.9	946.9	1194.9	1473.9	1752.6	2031.6	2310.2	2586.1
	75°	134.3	247.2	360.3	473.2	586.0	792.5	999.3	1205.8	1412.3	1576.7
	77.5°	95.4	129.2	163.3	197.1	230.9	269.5	308.5	347.1	385.8	444.5
	80°	45.3	49.6	53.8	57.9	62.2	76.2	90.2	104.3	118.3	133.2
	82.5°	21.5	23.2	24.9	26.4	28.1	29.5	30.9	32.4	33.8	32.4
	85°	5.7	5.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.7
	87.5°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.3	2.3	2.0
	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: P1049210

CATALOG NUMBER: GALN-SA1B-840-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
16.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
309.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
657.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1014.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1375.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1666.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1949.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2218.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2531.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3067.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3990.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5390.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6470.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6988.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7119.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7191.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7340.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7394.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7017.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5945.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4717.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3688.8											
2861.9											
1741.1											
503.2											
148.1											
30.6											
5.4											
2.0											
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°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	2.5°	18.6	18.3	18.0	17.8	17.5	16.9	16.9	16.6	16.6
0.0	5°	20.3	20.0	19.8	19.5	19.5	19.2	18.9	18.9	18.6
0.0	7.5°	23.2	22.9	22.6	22.3	22.3	22.1	22.1	21.8	21.8
0.0	10°	26.6	26.6	26.6	26.6	26.6	26.4	26.4	26.4	26.1
0.0	12.5°	33.5	33.8	34.4	34.9	35.8	35.8	35.8	35.5	35.5
0.0	15°	53.0	56.1	58.4	60.7	62.7	67.3	66.7	65.9	65.3
0.0	17.5°	134.0	148.4	156.1	163.5	171.3	192.5	189.0	185.6	182.4
0.0	20°	347.4	384.9	409.9	434.8	460.0	499.8	490.1	480.3	470.6
0.0	22.5°	743.3	829.5	867.0	904.5	941.7	989.9	958.6	927.4	896.5
0.0	25°	1125.9	1237.9	1301.2	1364.5	1427.5	1455.0	1414.3	1373.4	1332.7
0.0	27.5°	1502.5	1629.1	1685.0	1740.6	1796.4	1854.0	1803.6	1752.9	1702.5
0.0	30°	1804.4	1942.8	2003.2	2063.3	2123.8	2163.9	2111.7	2059.3	2007.2
0.0	32.5°	2100.6	2251.8	2318.0	2384.1	2450.0	2507.6	2443.4	2379.0	2314.8
0.0	35°	2390.7	2563.4	2654.5	2745.6	2836.7	2890.2	2814.0	2737.6	2661.4
0.0	37.5°	2744.7	2958.1	3060.1	3162.0	3264.0	3361.7	3277.7	3193.5	3109.6
0.0	40°	3368.3	3669.3	3825.7	3982.3	4138.7	4264.7	4158.8	4052.8	3946.8
0.0	42.5°	4420.6	4850.2	5075.0	5299.6	5524.4	5721.2	5609.8	5498.3	5386.9
0.0	45°	5961.8	6533.4	6807.5	7081.4	7355.5	7499.2	7338.8	7178.2	7017.8
0.0	47.5°	7039.8	7609.2	7853.3	8097.3	8341.3	8505.4	8309.2	8113.0	7917.1
0.0	50°	7530.2	8071.8	8316.7	8561.3	8806.2	8936.5	8709.9	8483.1	8256.5
0.0	52.5°	7625.0	8131.1	8423.2	8715.7	9007.8	9181.9	8914.4	8646.6	8379.1
0.0	55°	7727.5	8264.0	8602.8	8941.9	9280.8	9521.9	9219.5	8916.7	8614.3
0.0	57.5°	7920.6	8500.6	8838.5	9176.2	9514.2	9719.0	9415.7	9112.1	8808.7
0.0	60°	7937.7	8480.8	8771.2	9061.9	9352.4	9481.2	9191.1	8900.7	8610.5
0.0	62.5°	7425.3	7832.9	8034.6	8236.2	8437.8	8577.9	8275.1	7972.1	7669.4
0.0	65°	6197.8	6450.1	6610.8	6771.5	6932.1	7099.1	6821.9	6544.6	6267.4
0.0	67.5°	4910.9	5103.9	5315.6	5527.3	5738.9	5917.4	5695.4	5473.1	5251.2
	70°	3949.4	4209.7	4447.8	4685.8	4923.8	5069.9	4847.0	4623.9	4401.1
	72.5°	3137.7	3413.5	3612.3	3810.8	4009.5	4045.3	3881.5	3717.7	3554.1
	75°	1905.2	2069.6	2073.7	2077.4	2081.4	2115.5	1979.7	1843.9	1708.5
	77.5°	561.9	620.7	669.1	717.2	765.6	824.0	774.2	724.1	674.2
	80°	162.7	177.6	190.2	202.5	215.1	207.7	195.9	184.2	172.4
	82.5°	29.2	27.5	27.2	26.9	26.9	25.5	23.2	20.9	18.6
	85°	5.2	4.9	4.6	4.3	4.0	3.7	3.2	2.9	2.3
	87.5°	1.7	1.4	1.1	0.9	0.9	0.3	0.3	0.3	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

325°	327.5°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
16.6	16.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.3	16.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.3	18.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.5	21.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.1	25.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.2	34.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.4	61.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.0	163.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
460.8	419.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
865.3	788.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1291.7	1195.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1652.0	1541.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1955.1	1835.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2250.7	2108.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2585.2	2418.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3025.4	2820.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3840.8	3577.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5275.5	4919.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6857.4	6415.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7720.9	7244.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8030.0	7544.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8111.3	7616.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8311.5	7780.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8505.4	7960.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8320.4	7846.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7366.3	6988.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5990.1	5714.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5029.2	4718.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4178.0	3840.0										
3390.3	3085.9										
1572.7	1451.0										
624.4	558.5										
160.7	144.1										
16.3	15.5										
1.7	1.4										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										

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CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
0.0	0.0	2.5°	16.3	16.0	16.0	16.0	16.0	15.8	15.8	15.8	15.8
0.0	0.0	5°	18.0	18.0	17.8	17.8	17.5	17.5	17.2	17.2	16.9
0.0	0.0	7.5°	21.2	20.9	20.6	20.3	20.0	19.5	19.2	18.9	18.9
0.0	0.0	10°	25.5	24.9	24.6	24.1	23.8	23.2	22.6	22.1	21.5
0.0	0.0	12.5°	33.5	32.4	31.5	30.4	29.2	28.4	27.2	26.4	25.2
0.0	0.0	15°	58.1	55.3	52.1	48.4	44.4	40.7	36.7	34.4	31.8
0.0	0.0	17.5°	148.7	133.8	118.6	106.3	93.9	81.9	69.6	60.7	51.8
0.0	0.0	20°	378.4	337.1	295.9	255.2	214.2	173.6	132.6	112.0	91.4
0.0	0.0	22.5°	712.0	635.6	558.8	484.6	410.1	336.0	261.8	215.1	168.7
0.0	0.0	25°	1099.0	1002.7	906.5	784.5	662.2	540.2	418.2	342.3	266.4
0.0	0.0	27.5°	1430.1	1319.2	1208.4	1060.0	911.7	763.3	614.9	501.8	389.0
0.0	0.0	30°	1716.8	1597.6	1478.5	1305.8	1133.1	960.4	787.6	646.2	504.7
0.0	0.0	32.5°	1965.4	1822.8	1680.1	1502.0	1323.8	1145.7	967.5	793.9	620.4
0.0	0.0	35°	2252.1	2085.7	1919.0	1721.4	1523.4	1325.8	1128.2	932.3	736.1
0.0	0.0	37.5°	2616.4	2412.2	2207.7	1987.4	1767.2	1547.2	1327.0	1103.0	879.0
0.0	0.0	40°	3313.8	3050.3	2786.8	2507.0	2226.9	1947.1	1667.2	1392.3	1117.3
0.0	0.0	42.5°	4563.5	4207.5	3851.4	3479.1	3106.5	2734.1	2361.5	1973.7	1585.6
0.0	0.0	45°	5973.8	5532.1	5090.2	4672.3	4254.1	3836.3	3418.4	2886.2	2354.1
0.0	0.0	47.5°	6766.9	6290.0	5813.1	5417.6	5022.0	4626.5	4230.9	3657.3	3083.6
0.0	0.0	50°	7058.7	6573.3	6087.8	5723.7	5359.4	4995.4	4631.1	4056.5	3481.7
0.0	0.0	52.5°	7120.9	6625.7	6130.5	5764.1	5397.8	5031.8	4665.4	4094.6	3523.8
0.0	0.0	55°	7248.6	6717.3	6185.7	5768.1	5350.5	4932.9	4515.4	3935.4	3355.4
0.0	0.0	57.5°	7415.6	6870.8	6326.1	5850.3	5374.6	4899.2	4423.4	3789.3	3155.2
0.0	0.0	60°	7371.8	6897.8	6423.5	5913.9	5404.1	4894.6	4384.7	3687.3	2989.6
0.0	0.0	62.5°	6611.1	6233.6	5855.8	5436.8	5017.4	4598.4	4179.4	3461.3	2743.3
0.0	0.0	65°	5438.8	5163.2	4887.7	4550.6	4213.2	3876.1	3539.0	2895.1	2251.5
0.0	0.0	67.5°	4407.9	4097.5	3786.7	3518.1	3249.1	2980.4	2711.5	2204.8	1698.2
		70°	3502.0	3164.3	2826.4	2564.0	2301.4	2039.0	1776.6	1439.8	1103.3
		72.5°	2781.1	2476.6	2172.2	1892.4	1612.2	1332.4	1052.3	853.2	654.2
		75°	1329.3	1207.5	1085.8	939.4	793.1	646.7	500.4	413.6	327.1
		77.5°	492.6	427.0	361.2	301.6	242.0	182.7	123.2	112.8	102.5
		80°	127.5	111.1	94.5	82.8	70.7	59.0	47.3	42.7	38.4
		82.5°	14.6	13.5	12.6	12.0	11.2	10.6	9.7	8.9	8.0
		85°	0.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA1B-840-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	16.6	16.6
0.0	0.0	2.5°	15.5	15.2
0.0	0.0	5°	16.3	16.0
0.0	0.0	7.5°	18.0	17.5
0.0	0.0	10°	19.8	19.2
0.0	0.0	12.5°	22.3	21.5
0.0	0.0	15°	25.2	23.5
0.0	0.0	17.5°	30.1	26.4
0.0	0.0	20°	40.7	31.2
0.0	0.0	22.5°	57.3	39.0
0.0	0.0	25°	84.2	53.8
0.0	0.0	27.5°	117.1	71.6
0.0	0.0	30°	155.8	89.6
0.0	0.0	32.5°	189.9	106.8
0.0	0.0	35°	234.3	124.3
0.0	0.0	37.5°	289.0	146.6
0.0	0.0	40°	373.8	180.4
0.0	0.0	42.5°	526.4	242.9
0.0	0.0	45°	855.0	419.9
0.0	0.0	47.5°	1315.5	694.6
0.0	0.0	50°	1609.4	886.5
0.0	0.0	52.5°	1633.4	885.0
0.0	0.0	55°	1491.1	786.8
0.0	0.0	57.5°	1272.3	657.6
0.0	0.0	60°	1057.4	520.1
0.0	0.0	62.5°	833.2	359.2
0.0	0.0	65°	608.9	254.1
0.0	0.0	67.5°	437.4	189.9
		70°	287.6	145.5
		72.5°	187.3	118.6
		75°	126.0	98.2
		77.5°	73.6	65.3
		80°	26.1	22.9
		82.5°	4.9	3.4
		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: P1049210

CATALOG NUMBER: GALN-SA1B-840-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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

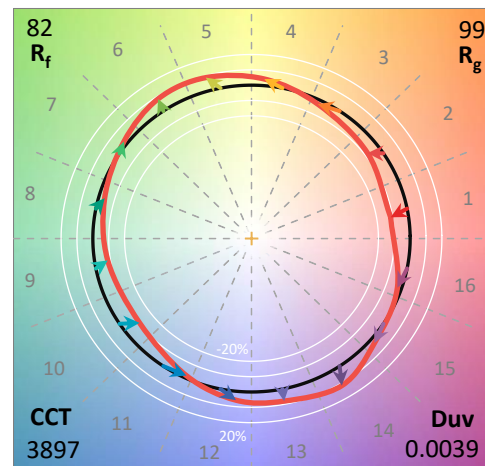
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-11
 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-840-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3897
 CIE u' : 0.2249
 CIE v' : 0.5084
 Duv: 0.0039
 CIE x: 0.3882
 CIE y: 0.3900
 CIE z: 0.2218
 Peak Wavelength (nm): 445
 Dominant Wavelength (nm): 577
 Purity: 33.54925
 R_f: 81.8
 R_g: 98.6

CRI (Ra): 80.2
 R1: 78.9
 R2: 83.5
 R3: 88.3
 R4: 82.1
 R5: 78.8
 R6: 78.4
 R7: 85.8
 R8: 65.8
 R9: 6.7
 R10: 61.9
 R11: 81.9
 R12: 58.9
 R13: 79.2
 R14: 93.2
 R15: 71.9



Test Conditions

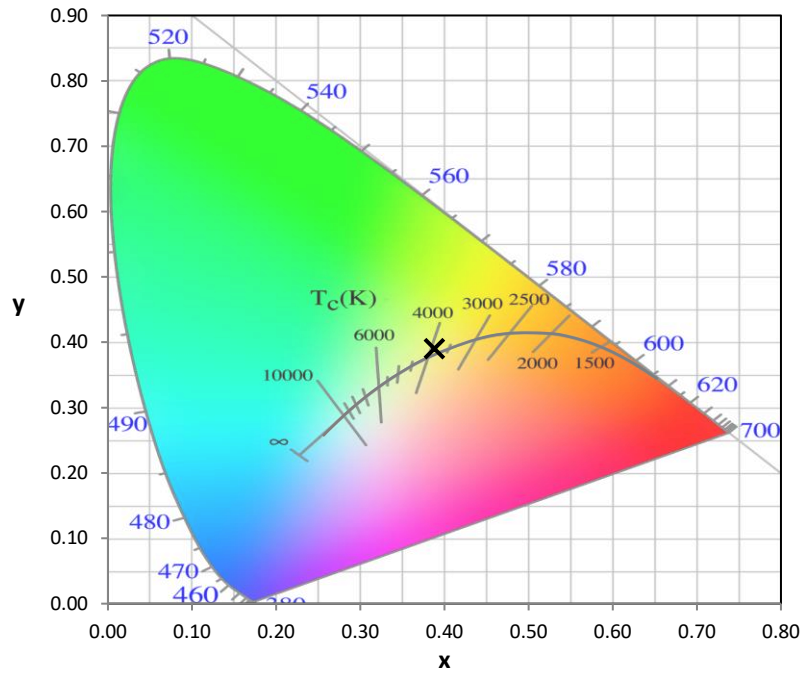
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-11

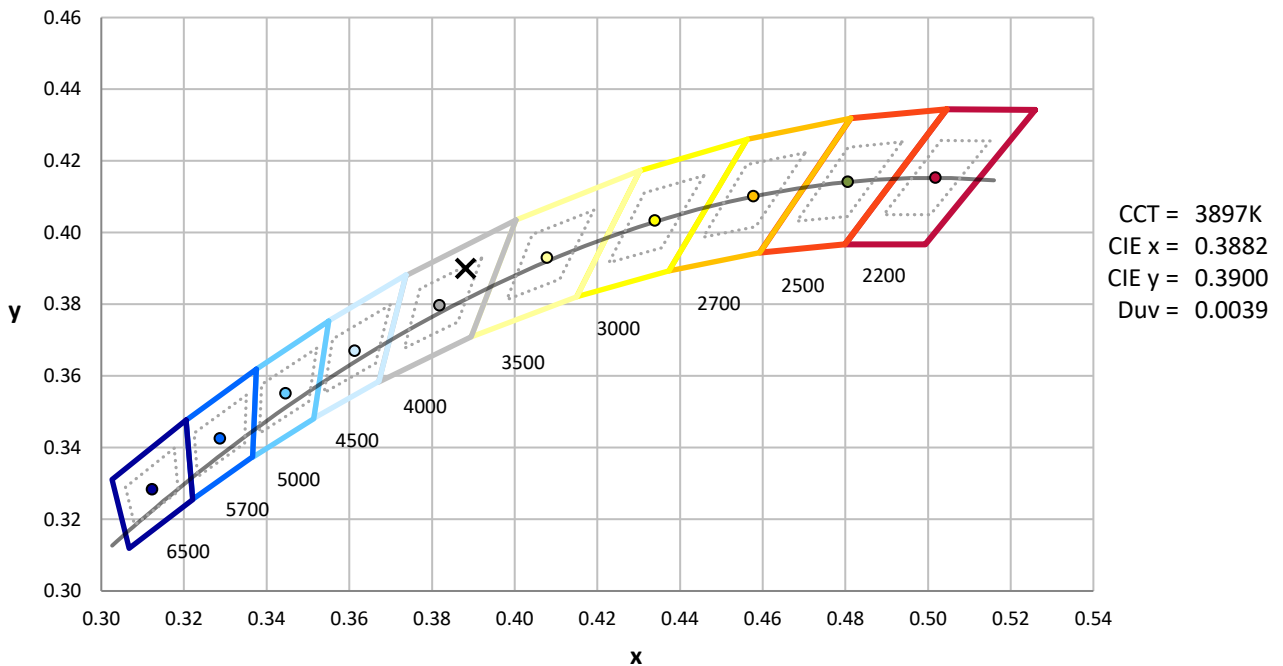
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



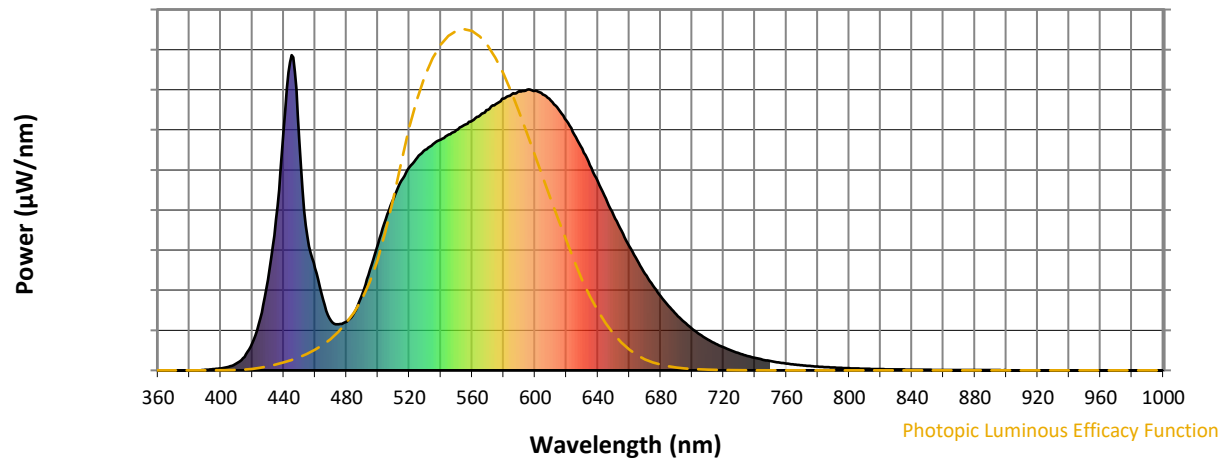
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

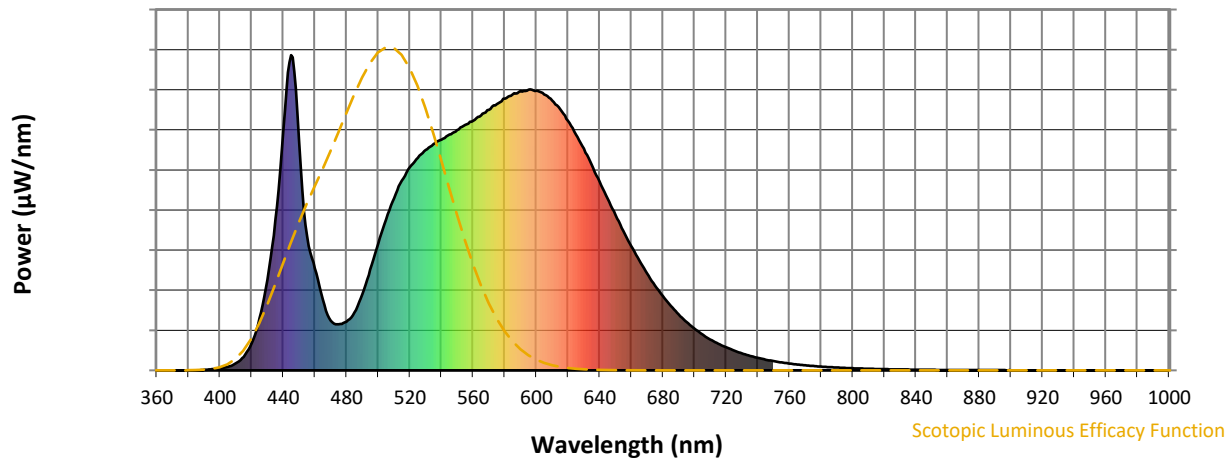


Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Scotopic Flux vs. Wavelength



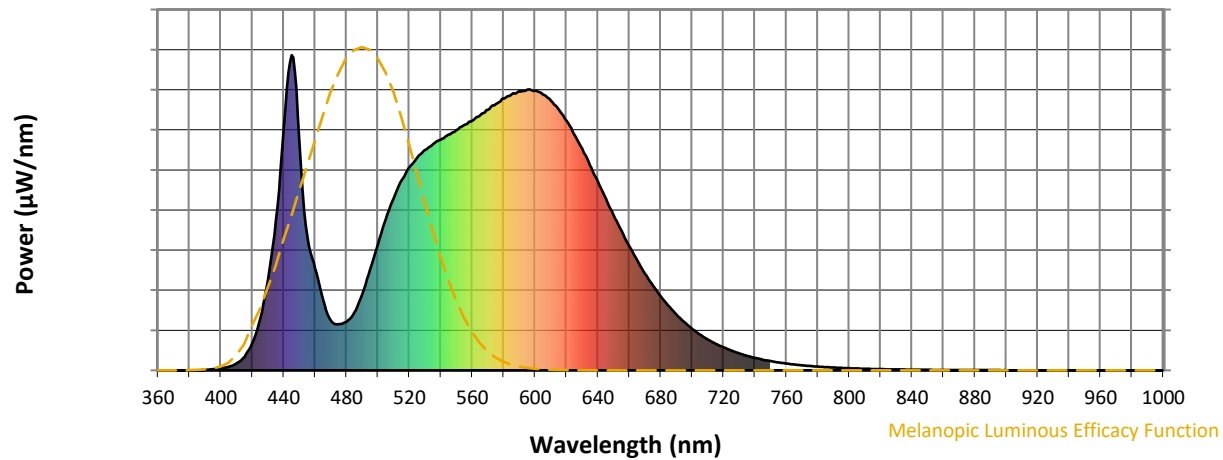
Scotopic Lumens: NR

S/P: 1.57

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.06

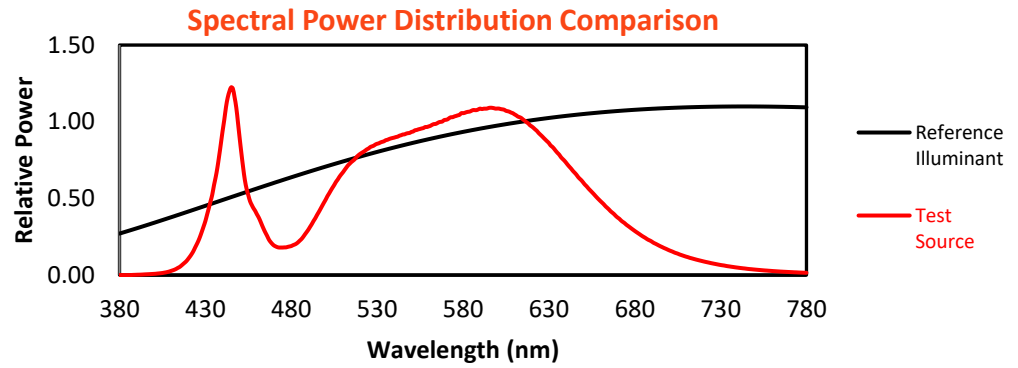
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

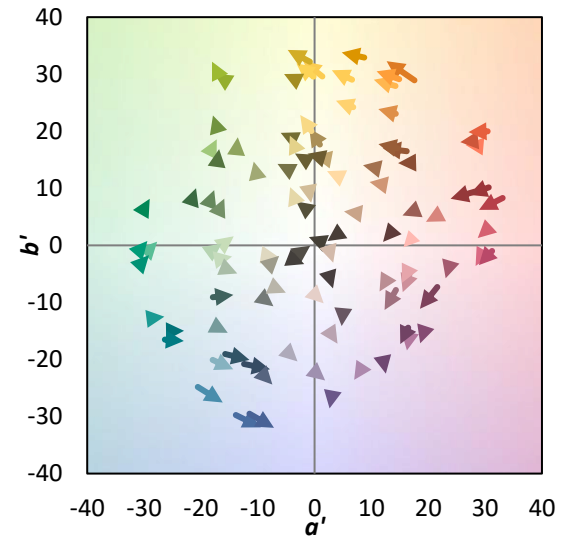
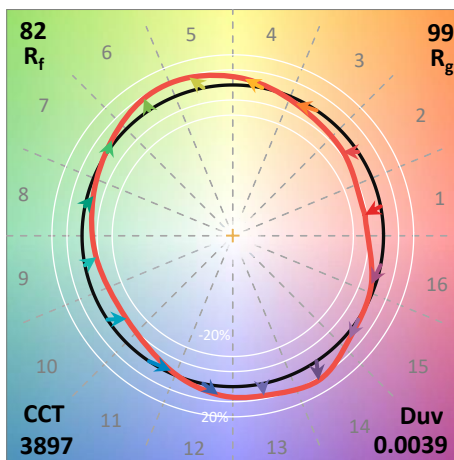
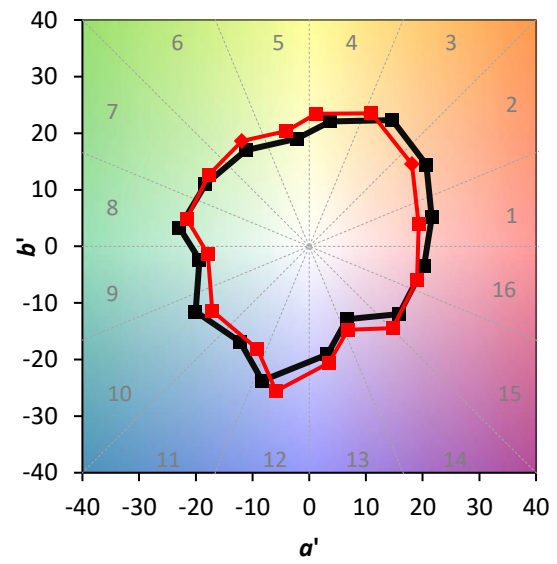
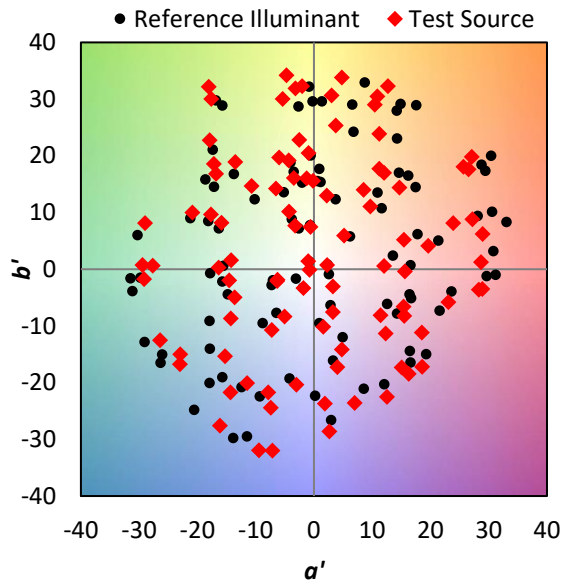
TM-30-18

Summary

$R_f = 81.8$
 $R_g = 98.6$
 $CIE R_a = 80.2$
 $R_9 = 6.7$

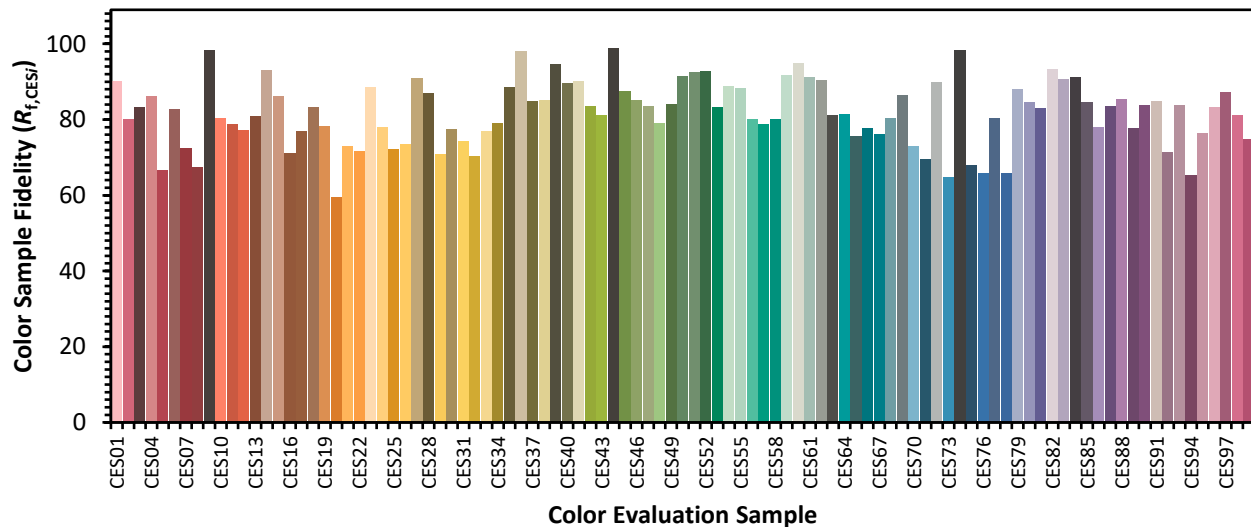


Color Vector Graphics

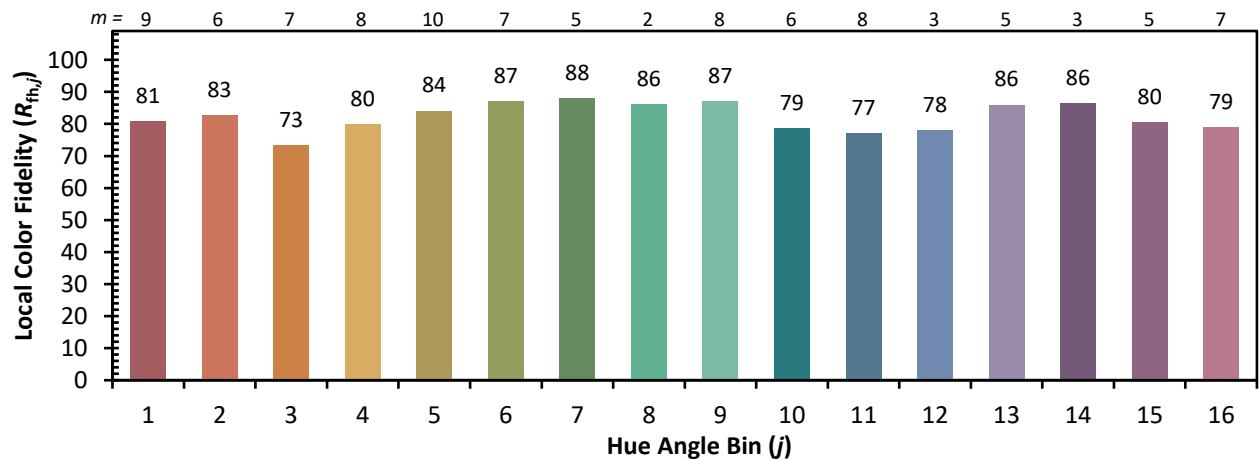
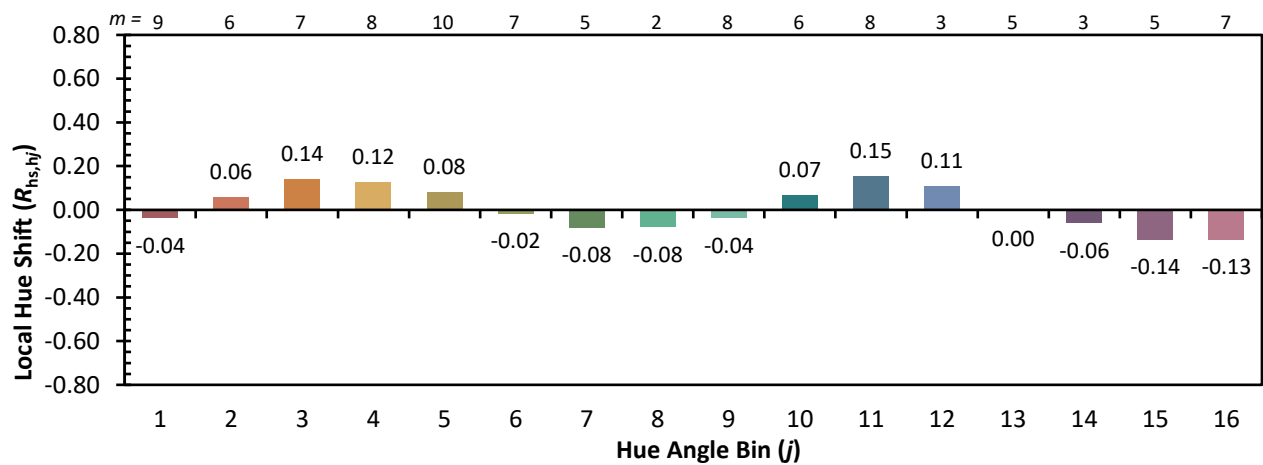
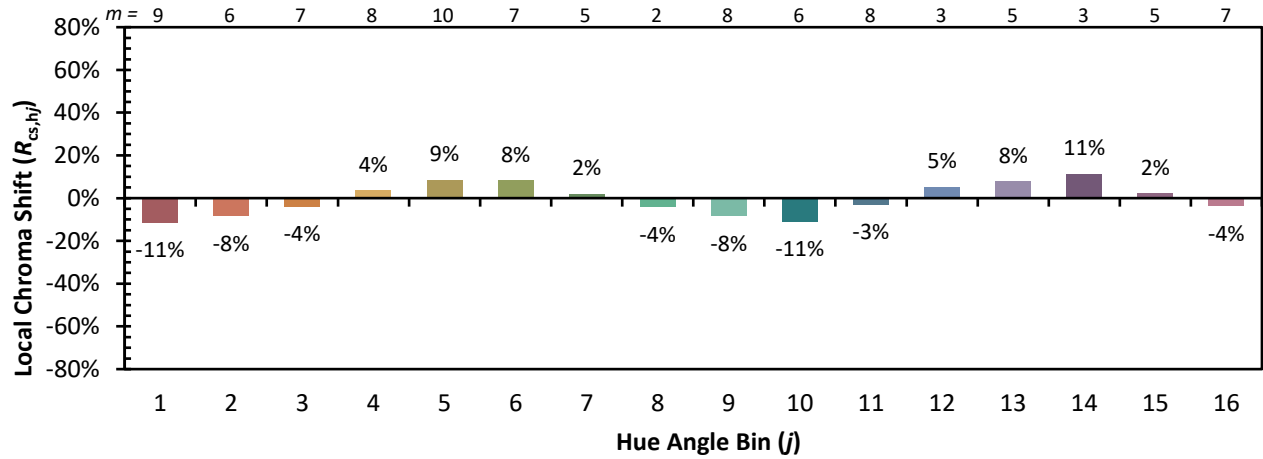


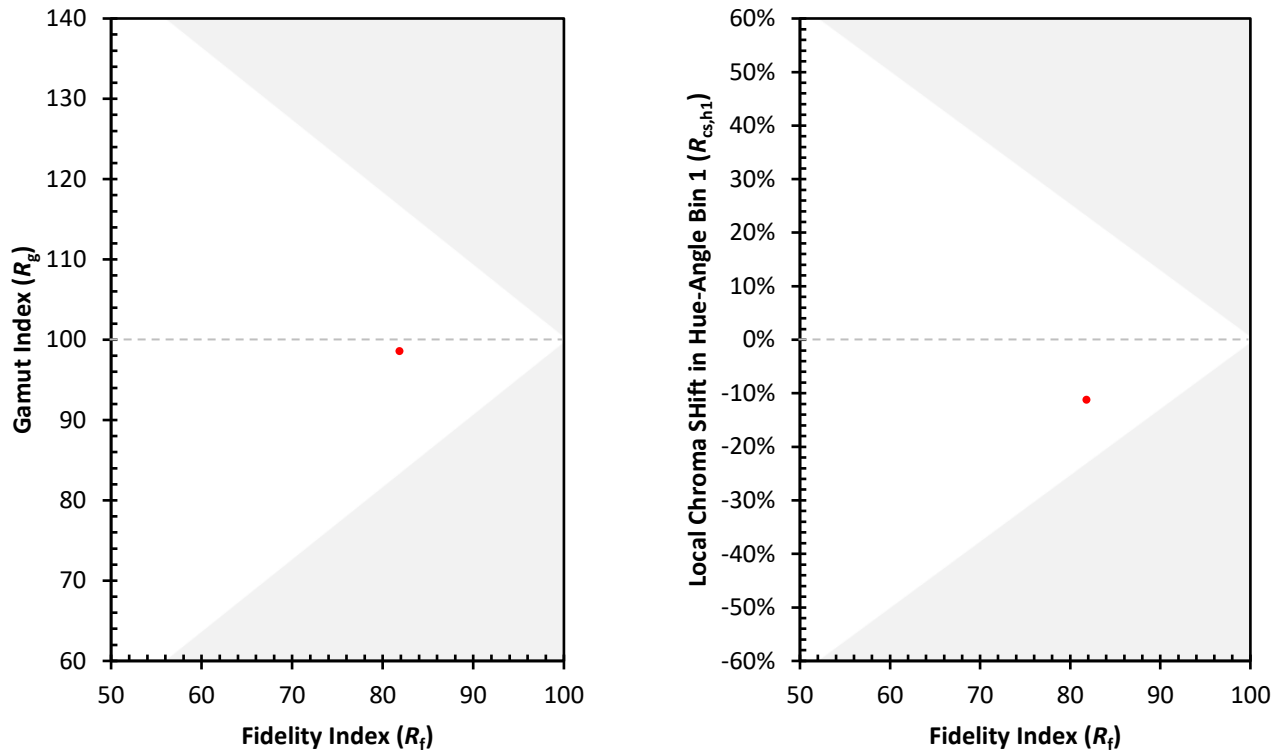
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)