

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: P1049358

Luminaire Tested: **GALN-SA2B-935-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049358
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2B-935-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
90CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6108.8 lumens
Efficiency: N/A
Efficacy: 83.9 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 72.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

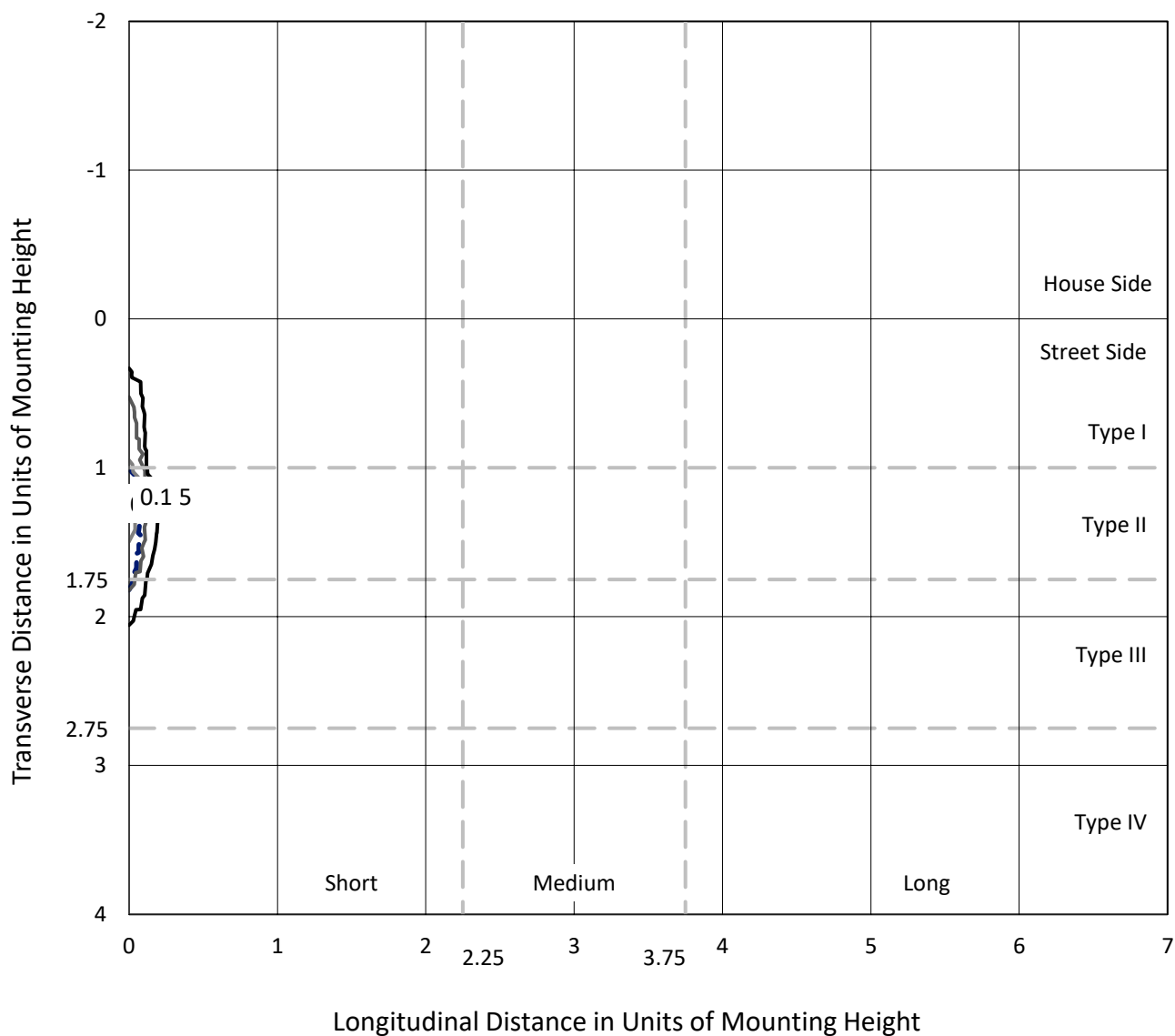
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

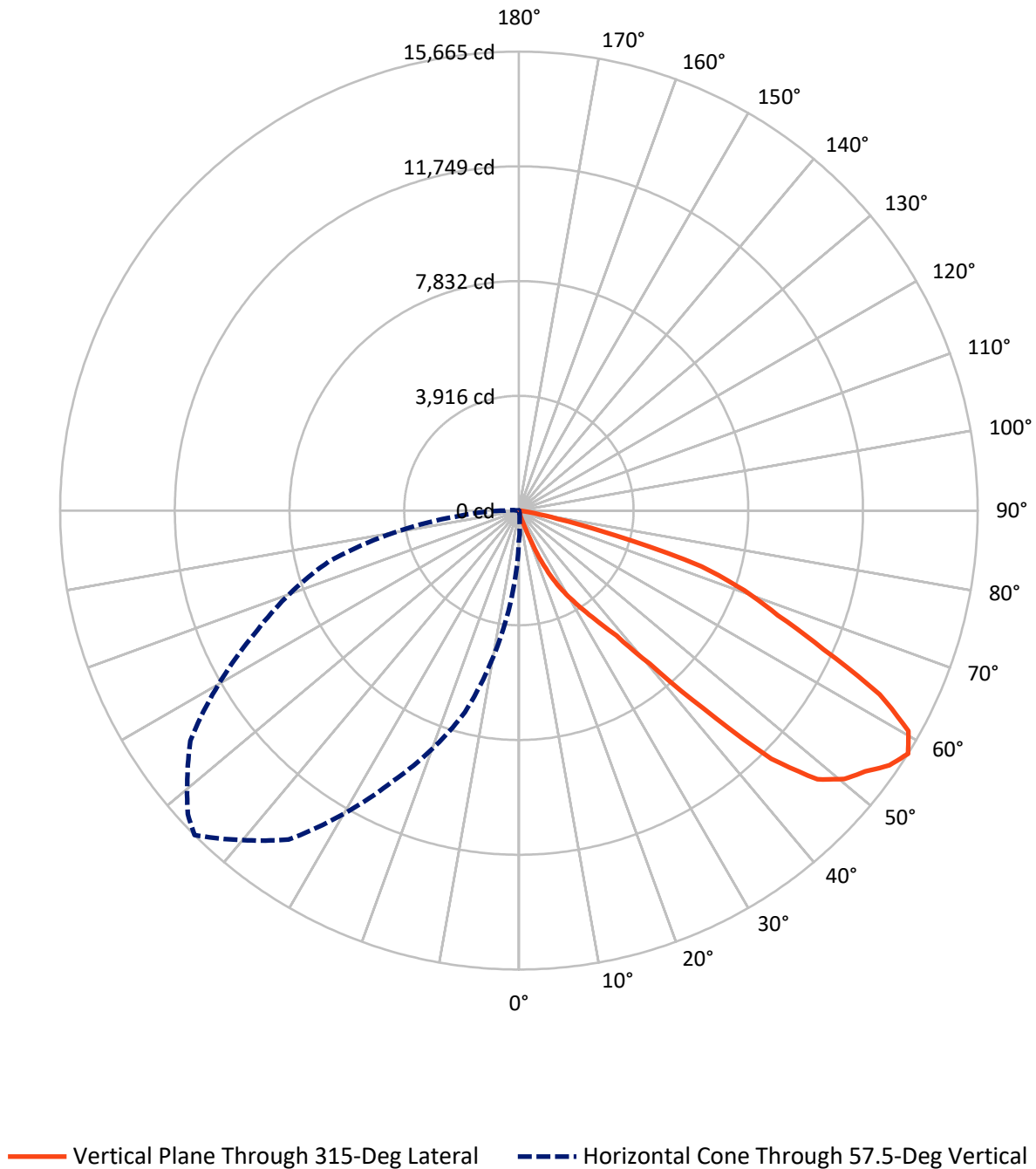


Based on 20 foot mounting height. Maximum calculated value = 0.9 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	30.6	0.0	30.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	6078.2	0.0	6078.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	6108.8	0.0	6108.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.4	0.0
10°-20°	13.4	0.2
20°-30°	144.8	2.4
30°-40°	428.1	7.0
40°-50°	1275.9	20.9
50°-60°	2023.1	33.1
60°-70°	1688.8	27.6
70°-80°	520.8	8.5
80°-90°	11.6	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°	6108.8	100.0
0°-180°	6108.8	100.0



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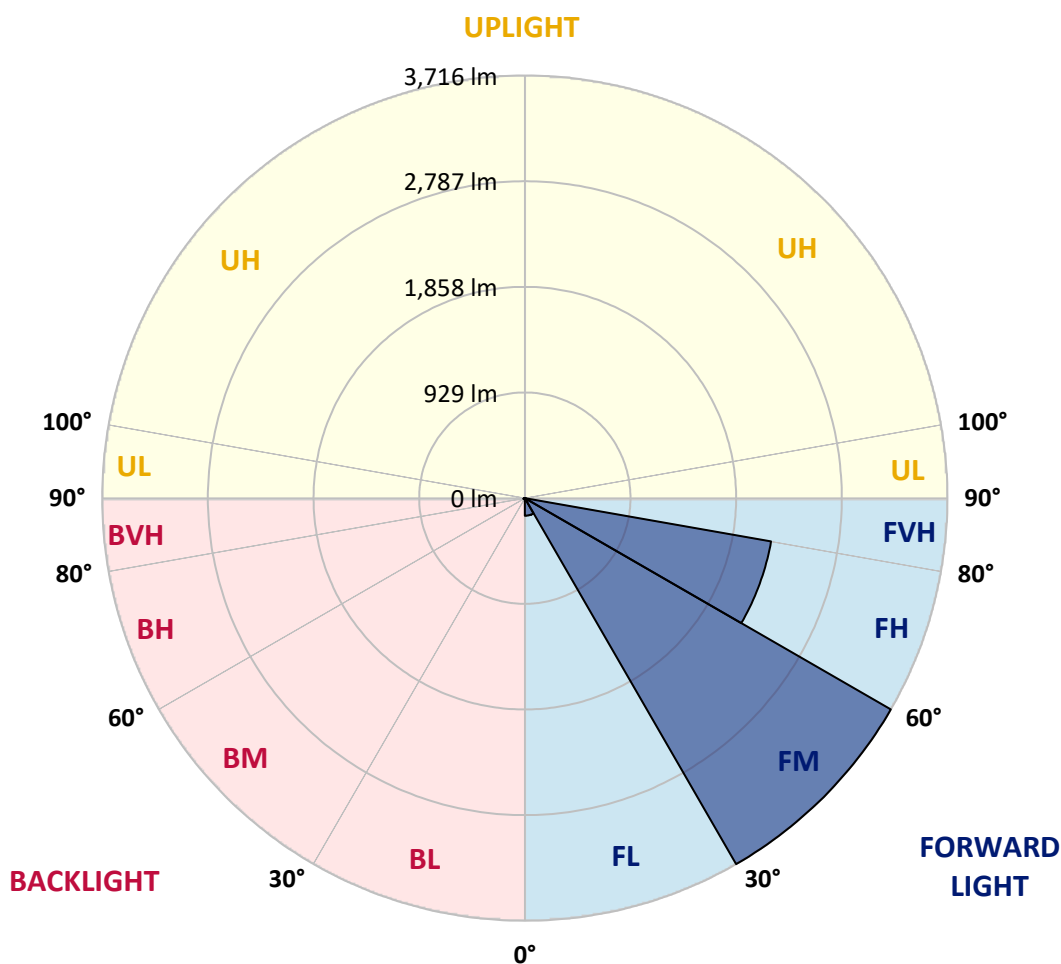
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	155.0	2.5			
FM	(30°-60°)	3716.2	60.8			
FH	(60°-80°)	2198.1	36.0			G2/5000
FVH	(80°-90°)	9.0	0.1			G0/10
BL	(0°-30°)	5.6	0.1	B0/110		
BM	(30°-60°)	10.9	0.2	B0/220		
BH	(60°-80°)	11.4	0.2	B0/110		G0/110
BVH	(80°-90°)	2.6	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-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°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
2.5°	24.5	24.5	24.5	24.5	24.0	24.0	23.5	23.5	23.1	23.1
5°	25.9	25.9	25.4	24.9	24.9	24.5	24.0	23.5	23.5	23.1
7.5°	28.2	27.7	27.2	26.8	25.9	25.4	24.5	24.0	23.5	22.6
10°	30.9	30.0	29.1	28.2	27.2	26.3	25.4	24.9	24.0	23.5
12.5°	34.6	33.2	31.4	30.0	29.1	27.7	26.8	25.9	24.5	23.5
15°	37.9	36.0	33.7	31.9	30.5	28.6	27.2	25.9	24.9	23.5
17.5°	42.5	39.2	35.5	33.2	31.4	29.1	26.8	25.4	24.0	22.2
20°	50.3	43.9	36.9	34.2	31.4	28.6	25.9	24.0	22.6	20.8
22.5°	62.8	51.7	40.6	36.5	32.8	28.6	24.9	23.1	21.2	19.4
25°	86.8	66.9	47.1	41.5	36.0	30.5	24.9	22.6	20.8	18.5
27.5°	115.4	85.9	55.9	48.0	40.6	32.8	24.9	22.2	19.9	17.1
30°	144.5	105.3	65.6	55.4	45.2	35.1	24.9	21.7	18.9	15.7
32.5°	172.2	123.3	73.9	61.9	49.9	37.4	25.4	21.7	18.0	14.3
35°	200.4	138.0	75.2	62.8	50.3	37.4	24.9	20.8	17.1	12.9
37.5°	236.4	154.6	72.5	60.0	48.0	35.5	23.5	19.9	16.2	12.0
40°	290.8	182.3	73.9	60.9	48.0	35.1	22.2	18.5	15.2	11.5
42.5°	391.5	235.9	79.9	65.1	50.3	35.1	20.3	17.1	14.3	11.1
45°	676.8	391.9	107.1	84.9	62.8	40.6	18.5	15.7	13.4	10.6
47.5°	1119.5	656.0	192.5	148.6	105.3	61.4	18.0	15.7	13.4	10.6
50°	1428.8	835.6	242.4	186.5	130.6	74.8	18.9	16.2	13.8	11.1
52.5°	1426.5	848.5	270.1	207.3	145.0	82.2	19.9	17.1	14.8	12.0
55°	1268.1	771.9	275.1	211.4	148.2	84.5	21.2	18.5	15.7	12.9
57.5°	1059.9	655.5	251.1	194.3	138.0	81.2	24.5	21.2	18.5	15.2
60°	838.3	517.0	195.7	154.6	114.0	72.9	32.3	28.2	24.5	20.3
62.5°	578.9	374.8	170.8	137.1	103.9	70.2	36.9	32.8	29.1	24.9
65°	409.5	282.1	154.2	125.6	97.4	68.8	40.2	35.5	31.4	26.8
67.5°	306.1	224.4	142.2	117.7	93.3	68.8	44.3	38.8	33.7	28.2
70°	234.5	184.2	133.4	113.6	94.2	74.3	54.5	46.6	39.2	31.4
72.5°	191.1	157.4	123.3	108.9	94.6	80.3	66.0	55.9	45.7	35.1
75°	158.3	134.8	111.3	99.3	87.7	75.7	63.7	54.5	45.7	36.5
77.5°	105.3	96.0	86.3	79.4	72.5	65.1	58.2	50.3	42.9	35.1
80°	36.9	35.5	34.2	36.9	39.7	42.5	45.2	39.7	34.6	29.1
82.5°	5.5	5.1	4.6	5.1	5.5	6.0	6.5	6.9	7.4	7.8
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°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
0.0	2.5°	22.6	22.6	22.2	22.2	22.2	21.7	21.7	21.2	21.2	21.2
0.0	5°	22.2	22.2	21.7	21.2	20.8	20.8	20.3	19.9	19.9	19.4
0.0	7.5°	21.7	21.2	20.8	20.3	19.9	19.4	18.9	18.5	18.5	18.0
0.0	10°	22.2	21.2	20.8	19.9	19.4	18.9	18.0	17.5	17.1	17.1
0.0	12.5°	21.2	20.8	19.9	18.9	18.5	17.5	17.1	16.2	15.7	15.7
0.0	15°	21.2	20.3	18.9	18.0	17.1	16.6	15.7	14.8	14.3	13.8
0.0	17.5°	19.9	18.9	17.5	16.6	15.7	14.8	13.8	12.9	12.5	12.0
0.0	20°	18.0	17.1	15.7	14.3	13.4	12.5	11.5	10.6	10.2	9.7
0.0	22.5°	16.2	15.2	13.8	12.5	11.5	10.6	9.2	8.3	7.8	6.9
0.0	25°	15.2	13.8	12.5	11.1	9.7	8.8	7.4	6.0	5.1	4.2
0.0	27.5°	12.9	11.5	10.2	8.8	7.4	6.0	4.6	3.2	2.3	1.8
0.0	30°	11.1	9.7	8.3	6.9	5.1	3.7	2.3	0.5	0.5	0.5
0.0	32.5°	9.2	7.8	6.0	4.6	3.7	2.3	1.4	0.0	0.0	0.0
0.0	35°	7.4	6.0	4.2	2.8	2.3	1.4	0.9	0.0	0.0	0.0
0.0	37.5°	6.5	5.1	3.2	1.4	0.9	0.9	0.5	0.0	0.0	0.0
0.0	40°	6.0	4.2	2.3	0.5	0.5	0.5	0.0	0.0	0.0	0.0
0.0	42.5°	6.0	4.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	6.0	4.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	6.0	4.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	6.5	4.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	7.4	5.5	3.7	1.8	1.4	0.9	0.5	0.0	0.0	0.0
0.0	55°	9.2	8.3	6.9	6.0	4.6	3.2	1.4	0.0	0.0	0.0
0.0	57.5°	12.0	12.0	11.5	11.1	8.3	5.5	2.8	0.0	0.0	0.0
0.0	60°	16.2	16.2	16.2	16.2	12.0	8.3	4.2	0.0	0.0	0.0
0.0	62.5°	19.9	18.9	17.5	16.6	12.5	8.3	4.2	0.0	0.0	0.0
0.0	65°	19.9	18.0	15.7	13.4	10.2	6.9	3.2	0.0	0.0	0.0
0.0	67.5°	18.5	14.8	10.6	6.9	5.1	3.7	1.8	0.0	0.0	0.0
	70°	18.5	12.9	7.4	1.8	1.4	0.9	0.5	0.0	0.0	0.0
	72.5°	18.5	12.5	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	20.3	13.8	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	20.3	13.8	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	18.0	12.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	6.0	4.2	1.8	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°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
0.0	2.5°	20.8	20.8	20.8	20.3	20.3	20.3	20.3	19.9	19.9	19.9
0.0	5°	18.9	18.9	18.5	18.5	18.0	18.0	17.5	17.5	17.1	17.1
0.0	7.5°	17.5	17.1	17.1	16.6	16.2	16.2	15.7	15.7	15.2	14.8
0.0	10°	16.2	15.7	15.7	15.2	14.8	14.3	14.3	13.8	13.4	12.9
0.0	12.5°	14.8	14.3	13.8	13.4	12.9	12.5	12.5	12.0	11.5	11.1
0.0	15°	12.9	12.5	12.0	11.5	11.1	10.6	10.6	10.2	9.7	9.2
0.0	17.5°	11.1	10.6	10.6	10.2	9.7	9.2	8.8	7.8	7.4	6.9
0.0	20°	8.3	7.8	7.4	6.9	6.5	5.5	5.1	4.2	3.2	2.8
0.0	22.5°	5.5	4.6	4.2	3.2	2.3	1.8	1.4	0.5	0.0	0.0
0.0	25°	1.8	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049358

CATALOG NUMBER: GALN-SA2B-935-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049358

CATALOG NUMBER: GALN-SA2B-935-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
0.0	2.5°	19.4	19.4	19.4	18.9	18.9	18.9	18.9	18.9	18.9	18.9
0.0	5°	16.6	16.6	16.6	16.2	16.2	15.7	15.7	15.7	15.2	15.2
0.0	7.5°	14.3	13.8	13.8	13.4	13.4	12.9	12.9	12.9	12.5	12.5
0.0	10°	12.0	11.5	11.5	11.1	11.1	10.6	10.6	10.2	10.2	9.7
0.0	12.5°	10.6	10.2	9.7	9.2	9.2	8.8	8.3	8.3	7.8	7.4
0.0	15°	8.3	7.8	7.4	6.9	6.5	6.0	5.5	5.5	5.1	4.6
0.0	17.5°	5.5	4.6	4.2	3.7	3.7	3.2	2.8	2.3	1.8	1.4
0.0	20°	1.4	0.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P1049358

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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049358

CATALOG NUMBER: GALN-SA2B-935-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°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
0.0	2.5°	18.9	18.5	18.5	18.5	18.9	18.9	18.9	18.9	18.9	18.9
0.0	5°	15.2	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
0.0	7.5°	12.5	12.0	12.0	12.0	12.0	11.5	11.5	11.5	11.5	11.5
0.0	10°	9.7	9.2	9.2	9.2	9.2	8.8	8.8	8.8	8.8	8.8
0.0	12.5°	6.9	6.9	6.5	6.5	6.5	6.0	6.0	6.0	6.0	5.5
0.0	15°	4.2	3.7	3.2	3.2	3.2	2.8	2.8	2.8	2.8	2.3
0.0	17.5°	0.9	0.9	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
0.0	2.5°	19.4	19.4	19.9	19.9	20.3	21.2	21.7	22.2	23.1	24.0
0.0	5°	15.2	15.7	15.7	16.2	16.6	17.1	17.5	18.0	18.9	19.9
0.0	7.5°	12.0	12.0	12.5	12.5	12.9	13.8	14.3	14.8	15.7	17.1
0.0	10°	9.2	9.2	9.7	9.7	10.2	11.1	11.5	12.0	12.9	14.3
0.0	12.5°	6.0	6.5	6.5	6.9	7.4	8.3	8.8	9.2	10.2	11.1
0.0	15°	2.8	3.2	3.2	3.7	4.2	5.1	5.5	6.0	6.9	8.3
0.0	17.5°	0.5	0.5	0.9	0.9	1.4	1.8	2.3	2.8	4.2	5.1
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.8
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CATALOG NUMBER: GALN-SA2B-935-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°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
0.0	2.5°	25.4	26.3	27.2	28.2	29.1	30.0	30.5	31.4	31.9	32.3
0.0	5°	21.7	22.6	24.0	24.9	25.9	26.8	27.7	28.2	28.6	29.1
0.0	7.5°	18.9	19.9	21.2	22.2	23.1	24.0	24.9	25.9	26.3	26.8
0.0	10°	16.2	17.5	18.5	19.9	20.8	21.7	22.6	23.5	24.5	24.9
0.0	12.5°	12.9	14.3	15.7	16.6	18.0	19.4	20.3	21.2	22.2	23.1
0.0	15°	10.2	11.5	12.9	13.8	15.2	16.6	18.0	18.9	19.9	20.8
0.0	17.5°	7.4	8.8	10.2	11.1	12.5	13.8	14.8	16.2	17.1	18.0
0.0	20°	3.7	5.1	6.5	7.8	9.2	10.6	11.5	12.9	13.8	14.8
0.0	22.5°	0.5	1.8	3.2	4.2	5.5	6.9	7.8	9.2	10.2	11.1
0.0	25°	0.0	0.5	1.4	1.8	2.3	3.2	4.2	5.1	6.0	6.9
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.8	2.8	3.7
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
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	0.5
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.9
	85°	0.0	0.0	0.0	0.0	0.0	0.9	1.4	2.3	2.8	3.2
	87.5°	0.0	0.5	0.9	1.4	1.8	2.8	3.7	4.6	5.1	5.5
	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: P1049358

CATALOG NUMBER: GALN-SA2B-935-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
26.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.4	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
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0.0											
0.0											
0.0											
0.5											
1.8											
4.2											
6.0											
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REPORT NUMBER: P1049358

CATALOG NUMBER: GALN-SA2B-935-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
0.0	2.5°	32.8	32.8	32.8	32.8	32.3	32.3	32.3	31.9	31.9	31.4
0.0	5°	30.0	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.0	30.0
0.0	7.5°	27.7	28.2	28.6	28.6	29.1	29.1	29.1	28.6	28.6	28.2
0.0	10°	26.3	26.8	26.8	27.2	27.2	27.2	27.2	27.2	27.2	27.2
0.0	12.5°	24.5	24.9	25.4	25.4	25.9	25.9	25.9	25.9	25.4	25.4
0.0	15°	22.2	23.1	23.5	24.0	24.0	24.5	24.5	24.5	24.5	24.5
0.0	17.5°	20.3	21.2	21.7	22.2	22.2	22.6	22.6	23.1	23.1	23.1
0.0	20°	16.6	17.5	18.0	18.9	19.4	19.9	20.3	20.8	20.8	21.2
0.0	22.5°	12.9	13.8	14.3	15.2	15.7	16.2	16.6	17.1	17.5	18.0
0.0	25°	9.2	10.2	10.6	11.5	12.0	12.5	12.9	13.4	13.4	13.8
0.0	27.5°	5.1	6.0	6.9	7.4	8.3	8.8	9.2	9.7	10.2	10.6
0.0	30°	2.3	2.8	3.2	4.2	4.6	5.1	5.5	6.5	6.9	7.4
0.0	32.5°	0.0	0.0	0.5	1.4	1.8	2.3	2.8	3.2	3.2	3.7
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.4	1.8
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°	0.9	0.9	0.9	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	82.5°	2.3	2.8	3.2	3.2	3.7	3.7	3.7	3.7	3.2	3.2
	85°	4.6	5.1	5.5	5.5	6.0	6.0	6.0	6.0	6.0	6.0
	87.5°	6.5	6.9	7.4	7.4	7.8	7.8	7.8	7.8	7.8	7.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049358

CATALOG NUMBER: GALN-SA2B-935-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
26.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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REPORT NUMBER: P1049358

CATALOG NUMBER: GALN-SA2B-935-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°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
0.0	2.5°	30.9	30.9	30.5	30.5	30.5	30.5	30.5	30.9	31.4	31.4
0.0	5°	29.5	29.5	29.1	29.1	29.1	29.5	29.5	30.0	30.5	30.9
0.0	7.5°	28.2	27.7	27.7	28.2	28.2	28.6	28.6	29.1	29.5	30.0
0.0	10°	27.2	26.8	26.8	26.8	27.2	27.2	27.7	28.2	28.6	29.1
0.0	12.5°	25.4	25.4	25.4	25.4	25.9	25.9	26.3	26.8	27.7	28.2
0.0	15°	24.5	24.0	24.0	24.0	24.0	24.5	24.5	25.4	26.3	26.8
0.0	17.5°	22.6	22.6	22.2	22.2	22.6	22.6	23.1	24.0	24.9	25.4
0.0	20°	20.8	20.3	19.9	19.9	20.3	20.3	20.8	21.7	22.6	23.1
0.0	22.5°	18.0	17.5	17.5	17.5	17.5	18.0	18.0	18.9	20.3	21.2
0.0	25°	14.3	14.8	14.8	15.2	15.2	15.7	16.2	17.1	18.5	19.4
0.0	27.5°	11.1	11.5	11.5	12.5	12.9	13.4	13.8	15.2	16.6	17.5
0.0	30°	8.3	8.8	9.2	9.7	10.6	11.5	12.5	13.8	15.2	16.2
0.0	32.5°	5.1	6.0	6.5	7.4	8.3	9.2	10.2	11.5	13.4	14.8
0.0	35°	3.7	4.2	5.1	5.5	6.5	7.4	8.3	10.2	11.5	13.4
0.0	37.5°	1.8	2.8	3.7	4.6	5.5	6.5	7.4	9.2	11.1	12.5
0.0	40°	1.4	2.3	2.8	3.7	5.1	6.0	6.9	8.8	10.6	12.5
0.0	42.5°	0.9	1.4	1.8	3.2	4.2	5.5	6.9	8.8	10.6	12.5
0.0	45°	0.9	0.9	1.4	2.8	4.2	6.0	7.4	9.2	10.6	12.5
0.0	47.5°	0.9	1.4	1.8	3.7	4.6	6.0	7.4	8.8	10.6	12.0
0.0	50°	1.4	1.8	2.3	4.2	5.1	6.5	7.4	9.2	10.6	12.5
0.0	52.5°	0.9	1.4	1.8	3.7	5.1	6.9	8.3	10.2	12.0	13.4
0.0	55°	0.5	0.5	0.5	2.8	5.5	7.8	10.6	12.0	13.8	15.2
0.0	57.5°	0.0	0.0	0.0	1.8	5.5	8.8	12.0	13.8	15.7	17.1
0.0	60°	0.0	0.0	0.0	1.8	5.5	8.8	12.0	14.3	16.6	18.9
0.0	62.5°	0.0	0.0	0.0	1.8	4.6	7.4	10.2	13.8	18.0	21.7
0.0	65°	0.0	0.0	0.0	1.4	3.7	6.0	8.3	13.8	19.4	24.5
0.0	67.5°	0.0	0.0	0.0	1.4	3.7	5.5	7.8	13.8	19.4	25.4
	70°	0.0	0.0	0.0	1.4	3.7	6.0	8.3	13.8	19.4	24.9
	72.5°	0.0	0.0	0.0	1.4	4.2	6.5	9.2	13.8	18.5	23.1
	75°	0.0	0.0	0.0	1.8	4.2	6.9	9.7	13.8	18.0	21.7
	77.5°	0.0	0.0	0.0	1.4	4.2	6.5	9.2	13.4	17.5	21.2
	80°	1.4	0.9	0.9	2.3	4.2	6.0	7.8	12.0	16.6	20.8
	82.5°	2.8	2.8	2.3	3.2	4.2	5.5	6.9	10.6	14.8	18.5
	85°	5.5	5.5	5.1	5.5	5.5	6.0	6.5	8.3	10.2	12.0
	87.5°	7.4	7.4	6.9	6.9	6.9	6.5	6.5	6.5	6.5	6.0
	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: P1049358

CATALOG NUMBER: GALN-SA2B-935-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
26.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.5											
27.7											
25.9											
25.4											
24.9											
22.2											
13.8											
6.0											
0.0											
0.0											
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REPORT NUMBER: P1049358

CATALOG NUMBER: GALN-SA2B-935-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
0.0	2.5°	32.3	32.8	32.8	33.2	33.7	34.2	34.2	34.6	34.6	34.6
0.0	5°	31.9	32.8	33.2	33.7	34.2	34.6	35.1	35.5	36.0	36.0
0.0	7.5°	31.4	31.9	32.8	33.2	34.2	34.6	35.5	36.0	36.5	36.9
0.0	10°	30.5	31.4	32.3	33.2	34.2	35.1	36.0	36.9	37.9	38.3
0.0	12.5°	29.5	30.9	31.9	32.8	34.2	35.5	36.5	37.9	38.8	39.7
0.0	15°	29.1	30.0	31.4	32.3	34.2	36.0	37.4	39.2	41.1	42.5
0.0	17.5°	27.7	29.5	30.9	32.3	34.2	36.5	38.3	40.2	42.9	45.7
0.0	20°	25.9	27.2	29.1	30.5	33.2	35.5	38.3	40.6	44.8	48.9
0.0	22.5°	24.0	25.9	27.2	29.1	32.3	35.1	38.3	41.1	48.0	54.5
0.0	25°	22.2	24.5	26.3	28.2	31.9	35.5	39.2	42.9	54.5	66.0
0.0	27.5°	21.2	23.1	25.4	27.2	31.9	36.9	41.5	46.2	64.6	82.6
0.0	30°	19.9	22.2	24.0	26.3	32.3	38.3	44.3	50.3	78.5	106.6
0.0	32.5°	18.5	20.8	23.1	25.4	33.2	41.1	48.5	56.3	93.3	129.7
0.0	35°	17.1	19.9	22.2	24.5	34.6	45.2	55.4	65.6	106.6	147.3
0.0	37.5°	16.6	19.4	21.7	24.0	35.1	45.7	56.8	67.4	108.0	148.6
0.0	40°	17.1	19.4	22.2	24.5	33.7	42.9	51.7	60.9	103.4	145.4
0.0	42.5°	17.1	19.9	22.6	25.4	32.8	40.2	47.5	54.9	102.0	149.1
0.0	45°	16.6	19.4	22.2	24.9	31.9	38.3	45.2	51.7	110.3	168.5
0.0	47.5°	16.2	18.9	21.7	24.5	31.4	38.3	45.2	52.2	142.6	232.7
0.0	50°	16.2	18.9	21.2	23.5	31.9	40.6	48.9	57.2	207.7	357.8
0.0	52.5°	17.1	19.4	21.2	23.1	32.8	42.9	52.6	62.3	264.1	465.3
0.0	55°	18.5	19.9	21.7	23.1	35.1	46.6	58.6	70.2	281.1	492.1
0.0	57.5°	20.3	21.7	23.1	24.5	39.2	54.0	68.3	83.1	282.5	481.5
0.0	60°	22.6	24.5	25.9	27.2	42.9	59.1	74.8	90.5	255.7	420.6
0.0	62.5°	27.7	30.0	31.9	34.2	49.4	64.2	79.4	94.2	212.4	330.5
0.0	65°	31.9	33.7	35.5	37.4	52.2	67.4	82.2	96.9	180.0	263.1
0.0	67.5°	32.8	34.6	36.0	37.9	53.1	68.3	83.1	98.3	154.2	209.6
	70°	33.2	35.5	38.3	40.6	56.3	72.0	87.2	102.9	136.6	170.3
	72.5°	31.9	36.5	40.6	44.8	59.6	73.9	88.6	102.9	127.0	151.0
	75°	31.9	38.3	44.3	50.3	61.4	72.0	83.1	93.7	112.2	130.6
	77.5°	33.7	42.0	50.3	58.6	65.1	71.1	77.6	83.6	95.6	107.6
	80°	33.7	42.5	50.8	59.6	62.3	65.6	68.3	71.1	72.5	73.9
	82.5°	29.1	36.0	42.9	49.9	46.6	43.4	40.2	36.9	34.6	31.9
	85°	14.8	16.2	17.1	18.0	16.6	15.2	13.8	12.5	11.5	10.2
	87.5°	6.0	6.0	5.5	5.5	5.5	5.5	5.1	5.1	5.1	5.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049358

CATALOG NUMBER: GALN-SA2B-935-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
26.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
231.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
262.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
286.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
309.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
355.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
448.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
683.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1046.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1317.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1347.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1216.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1039.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
812.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
614.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
453.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320.8											
238.7											
173.6											
130.6											
73.4											
33.2											
9.7											
4.6											
0.0											
0.0											
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REPORT NUMBER: P1049358

CATALOG NUMBER: GALN-SA2B-935-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°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
0.0	2.5°	34.6	34.2	34.2	33.7	33.2	32.8	32.3	31.9	31.4	30.9
0.0	5°	36.0	36.0	36.0	35.5	35.5	35.1	35.1	34.6	34.2	33.7
0.0	7.5°	37.4	37.9	37.9	38.3	38.3	38.3	38.3	37.9	37.9	37.9
0.0	10°	39.7	40.2	40.6	41.1	41.5	42.0	42.0	42.5	42.5	42.5
0.0	12.5°	42.5	43.9	44.8	46.2	47.1	48.5	49.4	50.8	51.7	52.6
0.0	15°	46.6	48.9	51.7	54.0	56.3	59.6	63.2	66.5	69.7	74.8
0.0	17.5°	52.6	60.0	67.4	74.3	81.7	97.9	114.0	129.7	145.9	169.4
0.0	20°	64.2	86.3	108.0	130.2	151.9	208.7	265.0	321.8	378.1	438.6
0.0	22.5°	90.0	144.5	199.0	253.4	307.9	426.6	544.7	663.4	781.6	920.5
0.0	25°	130.6	230.8	331.0	430.7	530.9	716.5	902.5	1088.1	1273.7	1454.2
0.0	27.5°	190.2	343.5	496.7	649.5	802.8	1054.4	1306.4	1558.0	1809.6	2013.7
0.0	30°	263.6	471.3	679.1	886.8	1094.5	1380.8	1667.0	1952.7	2238.9	2461.9
0.0	32.5°	332.8	587.2	841.6	1095.5	1349.8	1675.7	2002.1	2328.0	2654.0	2897.7
0.0	35°	378.1	685.5	993.4	1300.9	1608.3	1961.0	2313.7	2666.0	3018.6	3297.0
0.0	37.5°	423.3	778.3	1132.9	1487.9	1842.4	2229.7	2617.0	3004.3	3391.7	3735.6
0.0	40°	474.1	890.5	1306.4	1722.8	2138.8	2597.6	3056.0	3514.9	3973.3	4458.5
0.0	42.5°	562.3	1076.5	1591.3	2105.5	2619.8	3226.8	3833.9	4440.5	5047.5	5740.0
0.0	45°	728.0	1452.8	2178.0	2902.8	3627.5	4431.7	5236.4	6040.5	6844.7	7766.1
0.0	47.5°	1133.8	2130.9	3127.6	4124.7	5121.4	5989.7	6857.6	7726.0	8593.8	9511.6
0.0	50°	1734.8	2895.4	4055.9	5216.0	6376.6	7162.3	7947.6	8733.3	9518.5	10391.5
0.0	52.5°	2169.7	3378.7	4588.2	5797.2	7006.3	7715.4	8424.9	9134.0	9843.0	10658.8
0.0	55°	2202.5	3404.6	4607.1	5809.2	7011.4	7723.7	8436.0	9148.3	9860.6	10725.2
0.0	57.5°	1950.0	3142.4	4334.3	5526.7	6718.7	7529.8	8340.4	9151.5	9962.1	10897.0
0.0	60°	1658.7	2851.5	4043.9	5236.8	6429.2	7363.6	8298.4	9232.8	10167.1	11042.8
0.0	62.5°	1294.0	2521.0	3748.5	4975.5	6202.6	7151.2	8099.9	9048.1	9996.8	10653.7
0.0	65°	964.4	2155.8	3347.3	4538.4	5729.8	6489.7	7249.6	8009.0	8768.8	9175.5
0.0	67.5°	697.1	1724.7	2751.8	3779.4	4806.6	5350.4	5894.2	6437.5	6981.3	7292.5
	70°	471.3	1183.2	1894.6	2606.4	3317.8	3764.7	4212.0	4658.8	5105.7	5525.8
	72.5°	326.4	726.2	1126.4	1526.2	1926.0	2375.6	2824.8	3274.4	3723.6	4168.1
	75°	216.5	398.4	580.7	762.6	944.5	1277.4	1610.7	1943.5	2276.3	2541.3
	77.5°	153.7	208.2	263.1	317.6	372.1	434.4	497.2	559.5	621.8	716.5
	80°	72.9	79.9	86.8	93.3	100.2	122.8	145.4	168.0	190.7	214.7
	82.5°	34.6	37.4	40.2	42.5	45.2	47.5	49.9	52.2	54.5	52.2
	85°	9.2	9.2	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.2
	87.5°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	3.7	3.7	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
26.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
192.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
499.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1059.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1634.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2217.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2685.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3141.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3575.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4080.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4943.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6432.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8687.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10429.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11264.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11474.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11590.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11831.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11918.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11311.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9582.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7604.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5945.4											
4612.7											
2806.3											
811.1											
238.7											
49.4											
8.8											
3.2											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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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°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
0.0	2.5°	30.0	29.5	29.1	28.6	28.2	27.2	27.2	26.8	26.8
0.0	5°	32.8	32.3	31.9	31.4	31.4	30.9	30.5	30.5	30.0
0.0	7.5°	37.4	36.9	36.5	36.0	36.0	35.5	35.5	35.1	35.1
0.0	10°	42.9	42.9	42.9	42.9	42.9	42.5	42.5	42.5	42.0
0.0	12.5°	54.0	54.5	55.4	56.3	57.7	57.7	57.7	57.2	57.2
0.0	15°	85.4	90.5	94.2	97.9	101.1	108.5	107.6	106.2	105.3
0.0	17.5°	216.0	239.1	251.6	263.6	276.1	310.2	304.7	299.1	294.1
0.0	20°	560.0	620.4	660.6	700.8	741.4	805.6	789.9	774.2	758.5
0.0	22.5°	1197.9	1336.9	1397.4	1457.9	1517.9	1595.4	1545.1	1494.8	1444.9
0.0	25°	1814.7	1995.2	2097.2	2199.2	2300.8	2345.1	2279.6	2213.6	2148.0
0.0	27.5°	2421.8	2625.8	2715.8	2805.4	2895.4	2988.2	2906.9	2825.2	2744.0
0.0	30°	2908.3	3131.3	3228.7	3325.6	3423.0	3487.7	3403.7	3319.2	3235.2
0.0	32.5°	3385.7	3629.4	3736.0	3842.7	3948.8	4041.6	3938.2	3834.4	3731.0
0.0	35°	3853.3	4131.7	4278.5	4425.3	4572.1	4658.4	4535.6	4412.3	4289.5
0.0	37.5°	4423.9	4767.8	4932.1	5096.5	5260.8	5418.2	5283.0	5147.3	5012.0
0.0	40°	5428.9	5914.0	6166.1	6418.6	6670.7	6873.8	6703.0	6532.2	6361.4
0.0	42.5°	7124.9	7817.4	8179.8	8541.7	8904.1	9221.2	9041.6	8862.1	8682.5
0.0	45°	9609.0	10530.4	10972.2	11413.5	11855.3	12087.1	11828.5	11569.6	11311.0
0.0	47.5°	11346.6	12264.3	12657.6	13051.0	13444.3	13708.8	13392.6	13076.3	12760.6
0.0	50°	12136.9	13009.9	13404.6	13798.8	14193.5	14403.6	14038.4	13672.8	13307.6
0.0	52.5°	12289.7	13105.4	13576.3	14047.6	14518.5	14799.2	14368.0	13936.4	13505.2
0.0	55°	12455.0	13319.6	13865.7	14412.3	14958.4	15347.1	14859.7	14371.7	13884.2
0.0	57.5°	12766.1	13700.9	14245.7	14789.9	15334.7	15664.8	15175.9	14686.5	14197.7
0.0	60°	12793.8	13669.1	14137.2	14605.8	15073.9	15281.6	14814.0	14345.9	13878.2
0.0	62.5°	11968.0	12624.9	12949.9	13274.9	13599.8	13825.6	13337.6	12849.2	12361.3
0.0	65°	9989.4	10396.1	10655.1	10914.0	11173.0	11442.2	10995.3	10548.4	10101.6
0.0	67.5°	7915.2	8226.4	8567.5	8908.7	9249.8	9537.4	9179.7	8821.4	8463.7
	70°	6365.5	6785.2	7168.8	7552.4	7936.0	8171.4	7812.3	7452.7	7093.5
	72.5°	5057.2	5501.8	5822.2	6142.1	6462.5	6520.2	6256.1	5992.1	5728.5
	75°	3070.8	3335.8	3342.3	3348.3	3354.7	3409.7	3190.8	2972.0	2753.7
	77.5°	905.7	1000.4	1078.4	1155.9	1234.0	1328.1	1247.8	1167.0	1086.7
	80°	262.2	286.2	306.5	326.4	346.7	334.7	315.8	296.8	277.9
	82.5°	47.1	44.3	43.9	43.4	43.4	41.1	37.4	33.7	30.0
	85°	8.3	7.8	7.4	6.9	6.5	6.0	5.1	4.6	3.7
	87.5°	2.8	2.3	1.8	1.4	1.4	0.5	0.5	0.5	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049358

CATALOG NUMBER: GALN-SA2B-935-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°	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
0.0	0.0	2.5°	26.3	25.9	25.9	25.9	25.9	25.4	25.4	25.4	25.4
0.0	0.0	5°	29.1	29.1	28.6	28.6	28.2	28.2	27.7	27.7	27.2
0.0	0.0	7.5°	34.2	33.7	33.2	32.8	32.3	31.4	30.9	30.5	30.5
0.0	0.0	10°	41.1	40.2	39.7	38.8	38.3	37.4	36.5	35.5	34.6
0.0	0.0	12.5°	54.0	52.2	50.8	48.9	47.1	45.7	43.9	42.5	40.6
0.0	0.0	15°	93.7	89.1	84.0	78.0	71.6	65.6	59.1	55.4	51.2
0.0	0.0	17.5°	239.6	215.6	191.1	171.3	151.4	132.0	112.2	97.9	83.6
0.0	0.0	20°	609.8	543.3	476.9	411.3	345.3	279.8	213.7	180.5	147.3
0.0	0.0	22.5°	1147.6	1024.4	900.7	781.1	661.1	541.5	421.9	346.7	271.9
0.0	0.0	25°	1771.3	1616.2	1461.1	1264.4	1067.3	870.6	674.0	551.7	429.3
0.0	0.0	27.5°	2305.0	2126.3	1947.6	1708.5	1469.4	1230.3	991.1	808.8	626.9
0.0	0.0	30°	2767.1	2575.0	2383.0	2104.6	1826.2	1547.9	1269.5	1041.5	813.4
0.0	0.0	32.5°	3167.8	2937.9	2708.0	2420.8	2133.7	1846.6	1559.4	1279.7	999.9
0.0	0.0	35°	3629.9	3361.6	3093.0	2774.4	2455.5	2136.9	1818.4	1502.6	1186.4
0.0	0.0	37.5°	4217.1	3887.9	3558.3	3203.3	2848.3	2493.8	2138.8	1777.8	1416.8
0.0	0.0	40°	5341.1	4916.4	4491.7	4040.7	3589.2	3138.2	2687.2	2244.0	1800.8
0.0	0.0	42.5°	7355.3	6781.5	6207.6	5607.5	5006.9	4406.8	3806.2	3181.1	2555.6
0.0	0.0	45°	9628.4	8916.5	8204.2	7530.7	6856.7	6183.2	5509.6	4651.9	3794.2
0.0	0.0	47.5°	10906.7	10138.0	9369.4	8731.9	8094.4	7456.8	6819.3	5894.7	4970.0
0.0	0.0	50°	11377.1	10594.6	9812.1	9225.4	8638.2	8051.4	7464.2	6538.2	5611.7
0.0	0.0	52.5°	11477.2	10679.1	9880.9	9290.5	8700.0	8110.1	7519.6	6599.6	5679.5
0.0	0.0	55°	11683.1	10826.8	9970.0	9296.9	8623.9	7950.8	7277.7	6342.9	5408.1
0.0	0.0	57.5°	11952.3	11074.2	10196.2	9429.4	8662.6	7896.3	7129.5	6107.5	5085.4
0.0	0.0	60°	11881.6	11117.6	10353.1	9531.9	8710.2	7888.9	7067.2	5943.1	4818.6
0.0	0.0	62.5°	10655.5	10047.1	9438.2	8762.8	8087.0	7411.6	6736.2	5578.9	4421.6
0.0	0.0	65°	8766.0	8321.9	7877.8	7334.5	6790.7	6247.3	5704.0	4666.2	3628.9
0.0	0.0	67.5°	7104.6	6604.2	6103.3	5670.3	5236.8	4803.8	4370.3	3553.7	2737.0
		70°	5644.4	5100.2	4555.4	4132.6	3709.3	3286.4	2863.5	2320.7	1778.2
		72.5°	4482.5	3991.8	3501.1	3050.0	2598.6	2147.5	1696.1	1375.2	1054.4
		75°	2142.5	1946.3	1750.1	1514.2	1278.3	1042.4	806.5	666.6	527.2
		77.5°	794.0	688.3	582.1	486.1	390.1	294.5	198.5	181.9	165.3
		80°	205.4	179.1	152.3	133.4	114.0	95.1	76.2	68.8	61.9
		82.5°	23.5	21.7	20.3	19.4	18.0	17.1	15.7	14.3	12.9
		85°	1.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049358

CATALOG NUMBER: GALN-SA2B-935-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	26.8	26.8
0.0	0.0	2.5°	24.9	24.5
0.0	0.0	5°	26.3	25.9
0.0	0.0	7.5°	29.1	28.2
0.0	0.0	10°	31.9	30.9
0.0	0.0	12.5°	36.0	34.6
0.0	0.0	15°	40.6	37.9
0.0	0.0	17.5°	48.5	42.5
0.0	0.0	20°	65.6	50.3
0.0	0.0	22.5°	92.3	62.8
0.0	0.0	25°	135.7	86.8
0.0	0.0	27.5°	188.8	115.4
0.0	0.0	30°	251.1	144.5
0.0	0.0	32.5°	306.1	172.2
0.0	0.0	35°	377.6	200.4
0.0	0.0	37.5°	465.8	236.4
0.0	0.0	40°	602.4	290.8
0.0	0.0	42.5°	848.5	391.5
0.0	0.0	45°	1378.0	676.8
0.0	0.0	47.5°	2120.3	1119.5
0.0	0.0	50°	2593.9	1428.8
0.0	0.0	52.5°	2632.7	1426.5
0.0	0.0	55°	2403.3	1268.1
0.0	0.0	57.5°	2050.6	1059.9
0.0	0.0	60°	1704.4	838.3
0.0	0.0	62.5°	1342.9	578.9
0.0	0.0	65°	981.4	409.5
0.0	0.0	67.5°	704.9	306.1
		70°	463.5	234.5
		72.5°	301.9	191.1
		75°	203.1	158.3
		77.5°	118.6	105.3
		80°	42.0	36.9
		82.5°	7.8	5.5
		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: P1049358

CATALOG NUMBER: GALN-SA2B-935-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: SP1-2407-184-15

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-935-U-5WQ

Data in this report applies to families of products including GSS-SB1A-935-U-5WQ

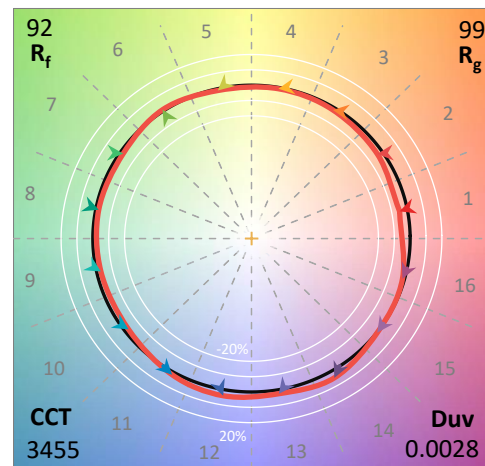
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-15
 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-935-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3455
 CIE u' : 0.2356
 CIE v' : 0.5159
 Duv: 0.0028
 CIE x: 0.4109
 CIE y: 0.3999
 CIE z: 0.1892
 Peak Wavelength (nm): 616
 Dominant Wavelength (nm): 579
 Purity: 43.35383
 R_f: 92.3
 R_g: 98.5

CRI (Ra): 92.2
 R1: 92.0
 R2: 94.4
 R3: 95.6
 R4: 93.2
 R5: 91.4
 R6: 92.5
 R7: 94.5
 R8: 84.2
 R9: 59.8
 R10: 85.8
 R11: 93.2
 R12: 78.0
 R13: 92.5
 R14: 97.0
 R15: 88.4



Test Conditions

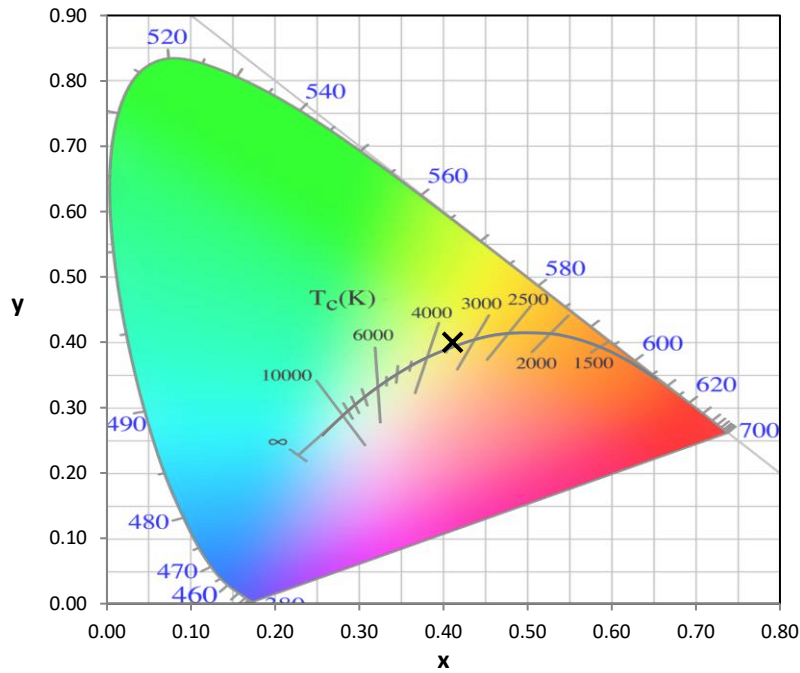
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-15

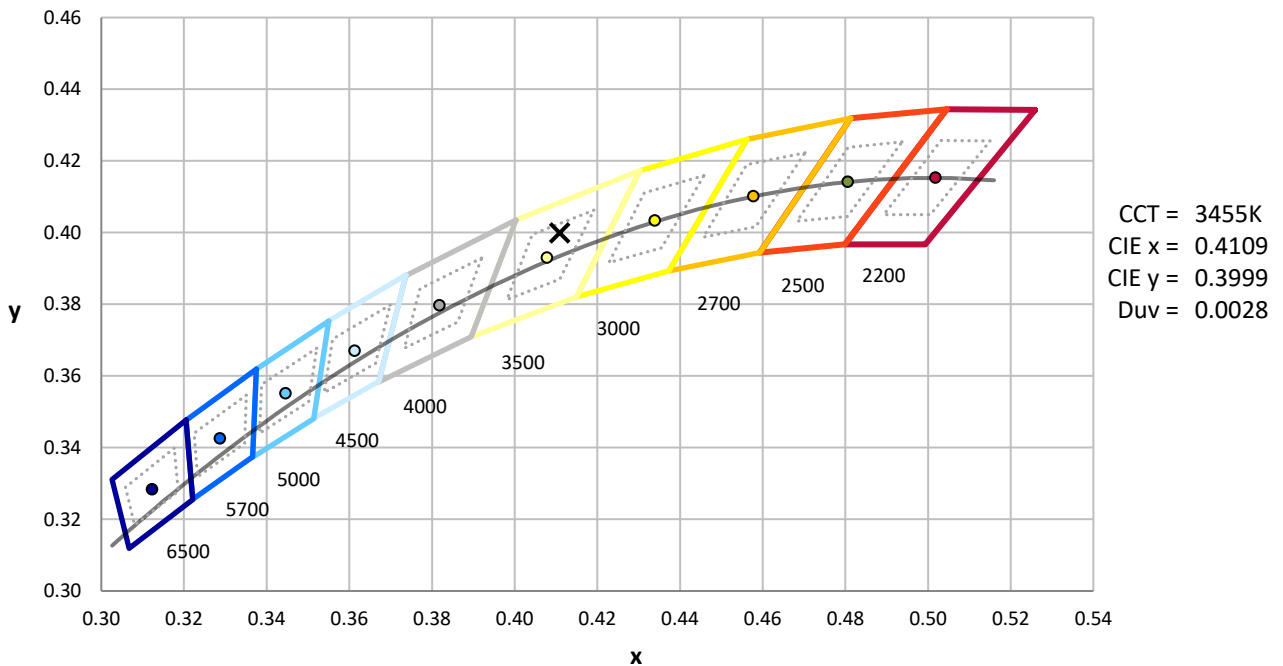
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-15

CIE 1931 Chromaticity Diagram



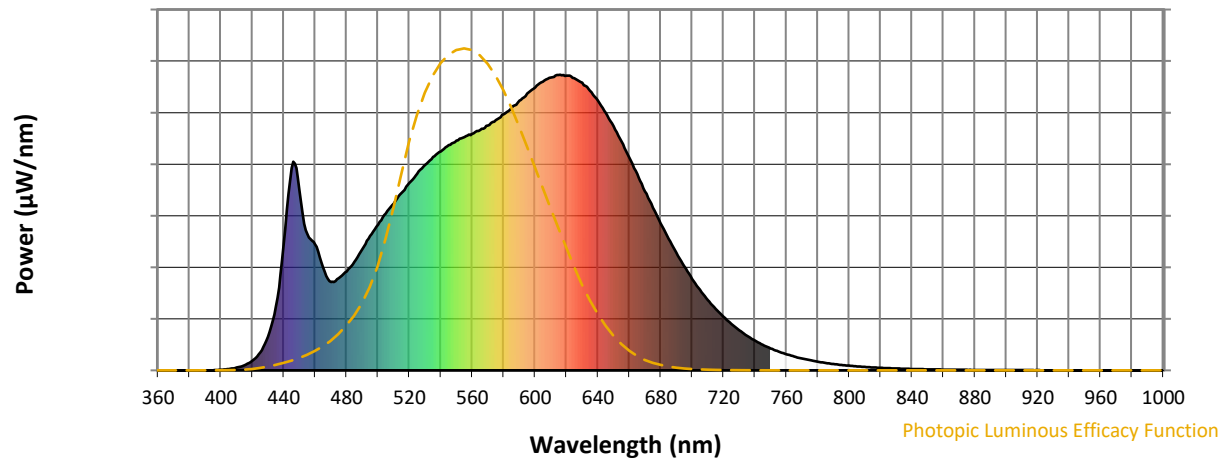
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-15

Photopic Flux vs. Wavelength

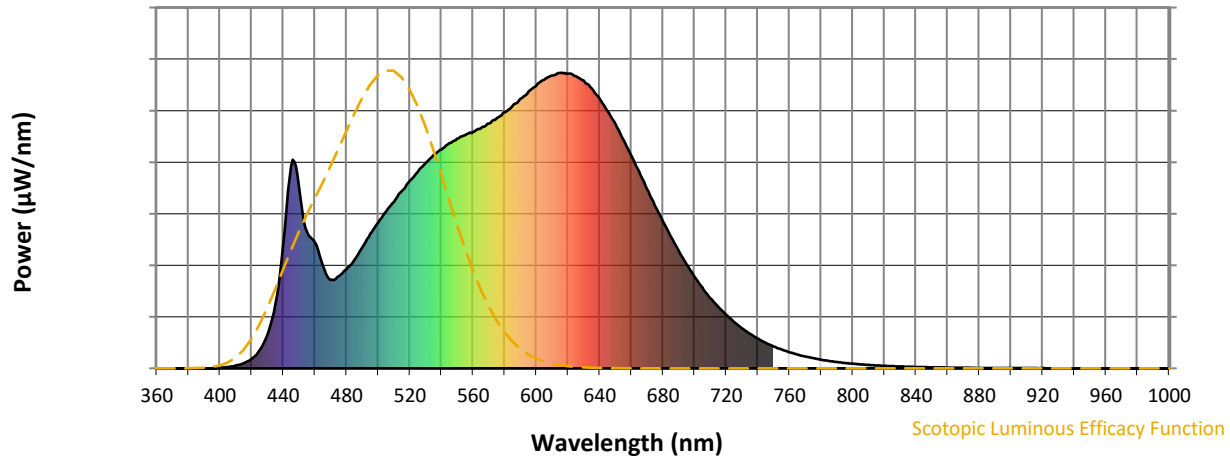


Photopic Lumens: NR

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-15

Scotopic Flux vs. Wavelength



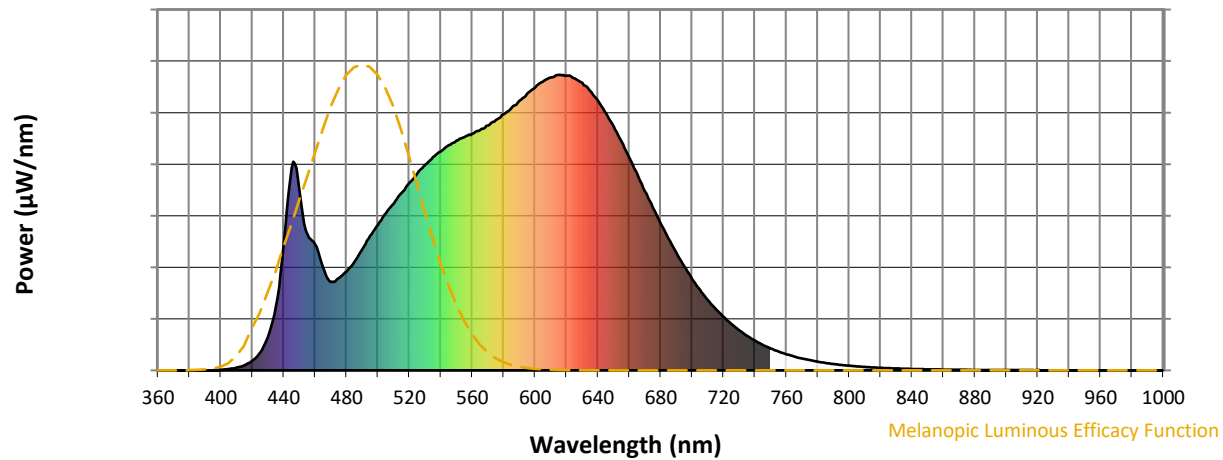
Scotopic Lumens: NR

S/P: 1.58

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	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.14

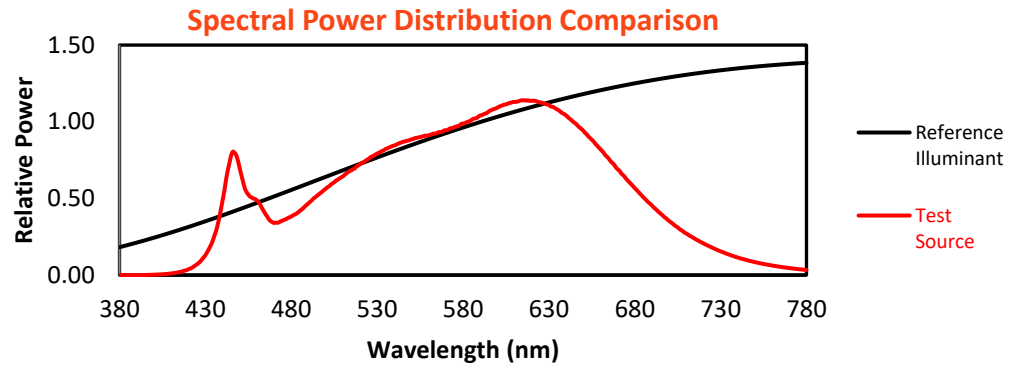
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	410	NR	620	997	NR	750	74	NR	880	1	NR
365	0	NR	495	454	NR	625	988	NR	755	64	NR	885	1	NR
370	0	NR	500	493	NR	630	973	NR	760	54	NR	890	1	NR
375	0	NR	505	530	NR	635	946	NR	765	47	NR	895	1	NR
380	0	NR	510	564	NR	640	913	NR	770	40	NR	900	1	NR
385	0	NR	515	599	NR	645	870	NR	775	34	NR	905	1	NR
390	0	NR	520	634	NR	650	826	NR	780	29	NR	910	1	NR
395	0	NR	525	664	NR	655	774	NR	785	25	NR	915	1	NR
400	2	NR	530	695	NR	660	720	NR	790	21	NR	920	1	NR
405	4	NR	535	722	NR	665	664	NR	795	18	NR	925	1	NR
410	9	NR	540	741	NR	670	605	NR	800	16	NR	930	0	NR
415	17	NR	545	762	NR	675	550	NR	805	13	NR	935	0	NR
420	32	NR	550	777	NR	680	497	NR	810	12	NR	940	0	NR
425	61	NR	555	789	NR	685	445	NR	815	10	NR	945	0	NR
430	114	NR	560	800	NR	690	398	NR	820	9	NR	950	0	NR
435	218	NR	565	813	NR	695	352	NR	825	7	NR	955	0	NR
440	427	NR	570	828	NR	700	309	NR	830	6	NR	960	0	NR
445	684	NR	575	846	NR	705	273	NR	835	5	NR	965	0	NR
450	611	NR	580	866	NR	710	237	NR	840	5	NR	970	0	NR
455	461	NR	585	888	NR	715	208	NR	845	4	NR	975	0	NR
460	427	NR	590	913	NR	720	181	NR	850	4	NR	980	0	NR
465	349	NR	595	936	NR	725	157	NR	855	3	NR	985	0	NR
470	298	NR	600	957	NR	730	136	NR	860	3	NR	990	1	NR
475	312	NR	605	976	NR	735	117	NR	865	2	NR	995	0	NR
480	335	NR	610	990	NR	740	100	NR	870	2	NR	1000	0	NR
485	367	NR	615	999	NR	745	86	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-15

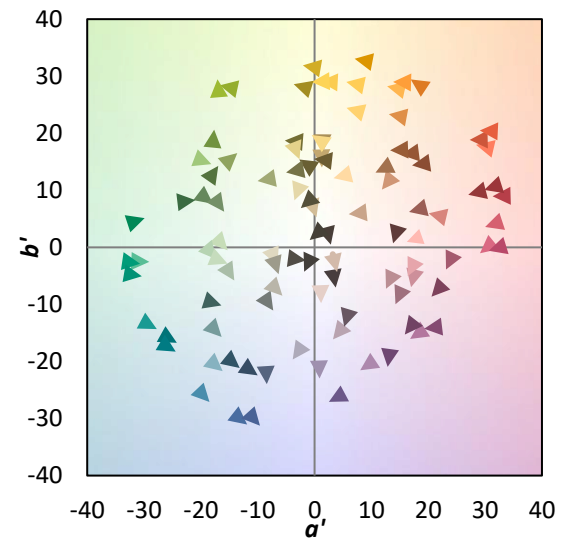
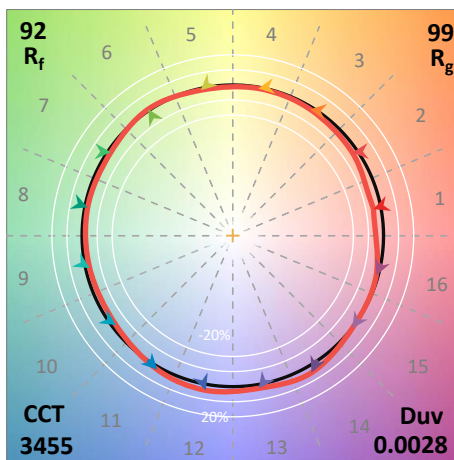
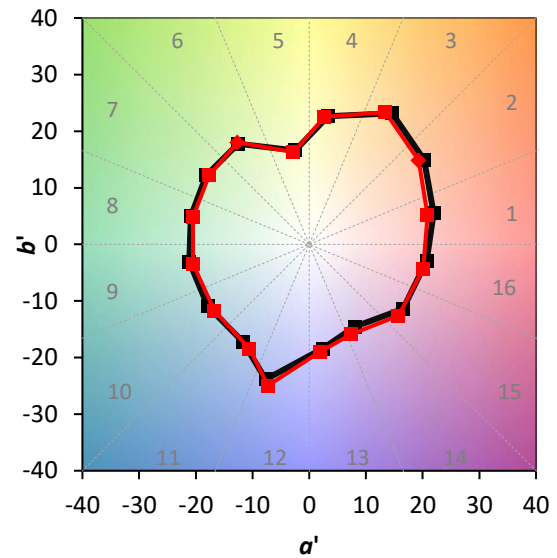
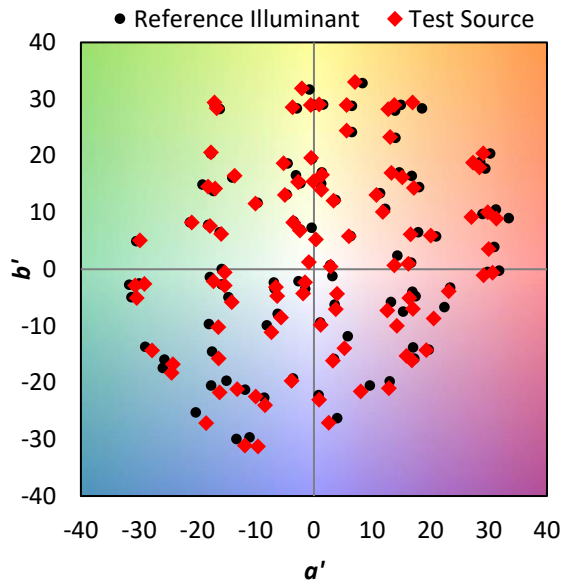
TM-30-18

Summary

$R_f = 92.3$
 $R_g = 98.5$
 $CIE R_a = 92.2$
 $R_9 = 59.8$

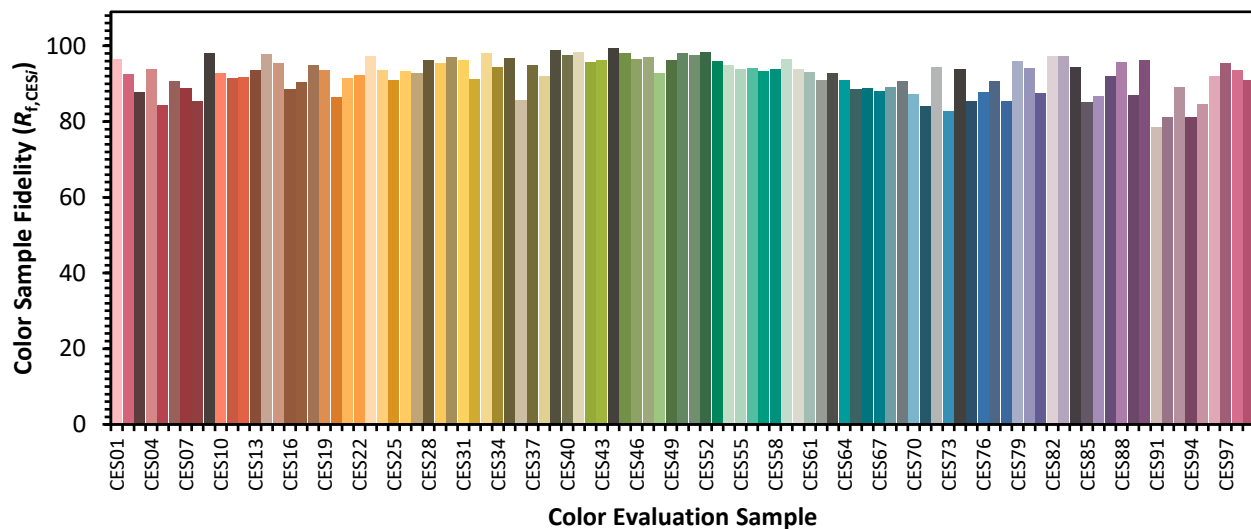


Color Vector Graphics

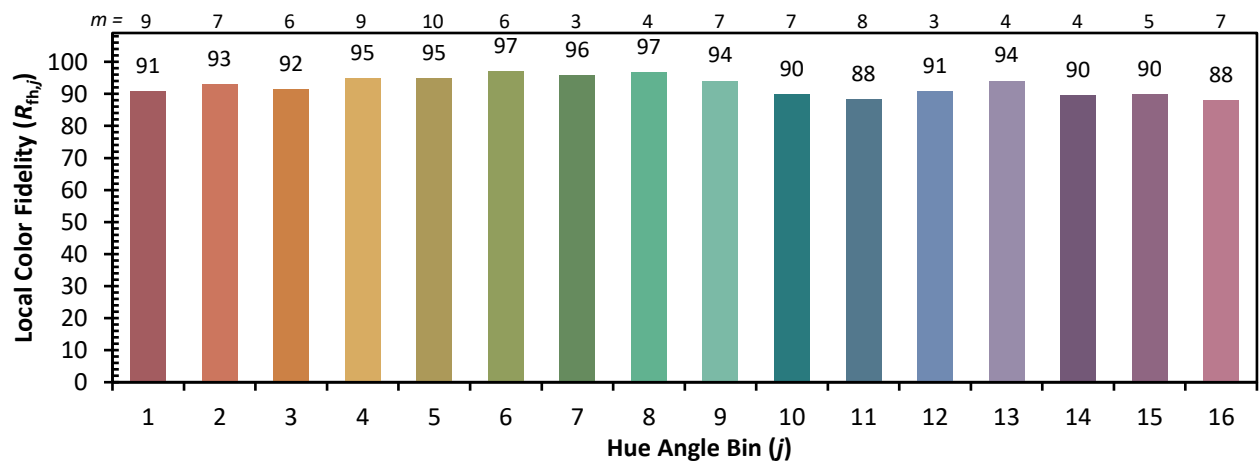
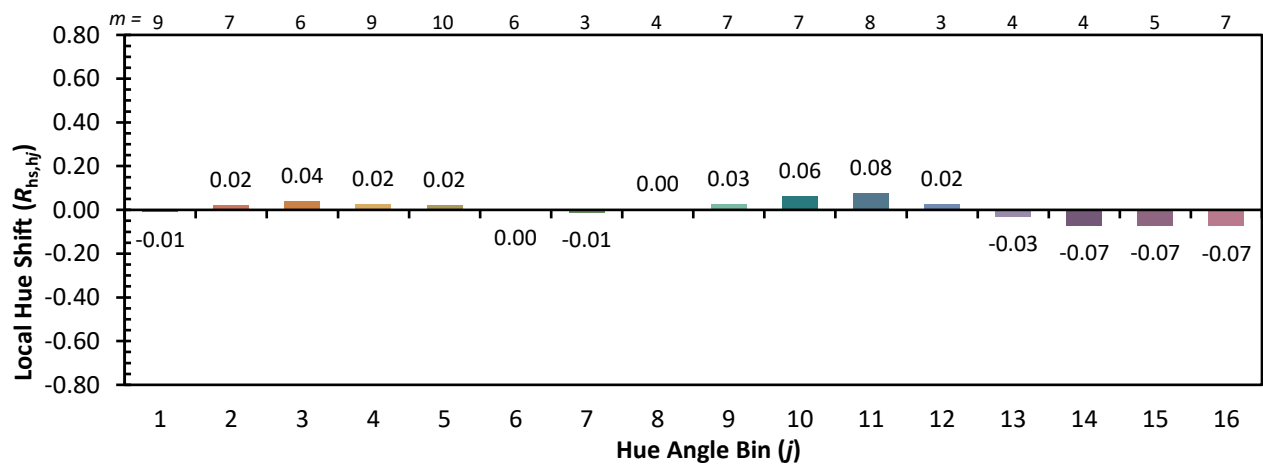
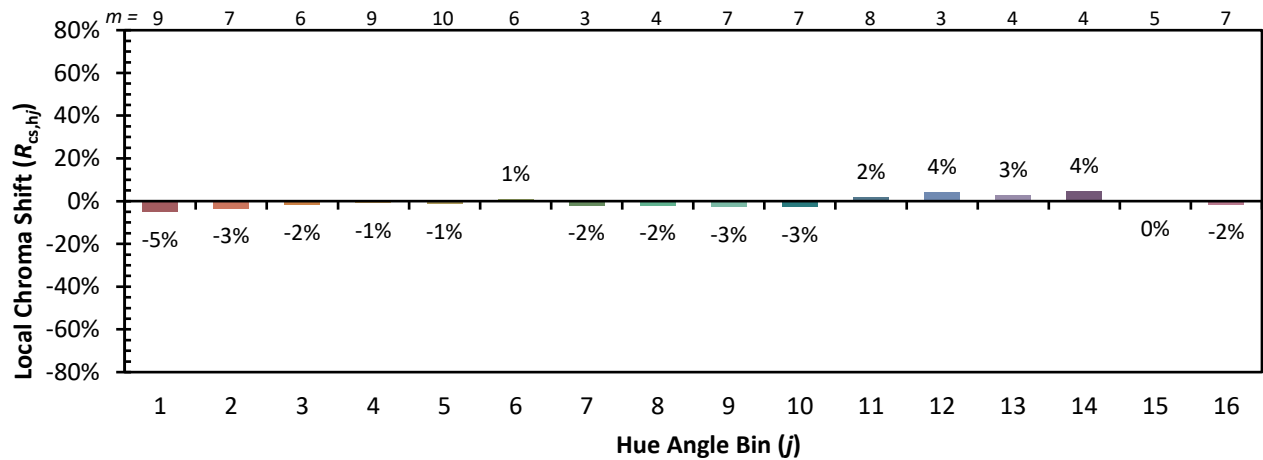


Individual Sample Fidelity Index ($R_{f,i}$)

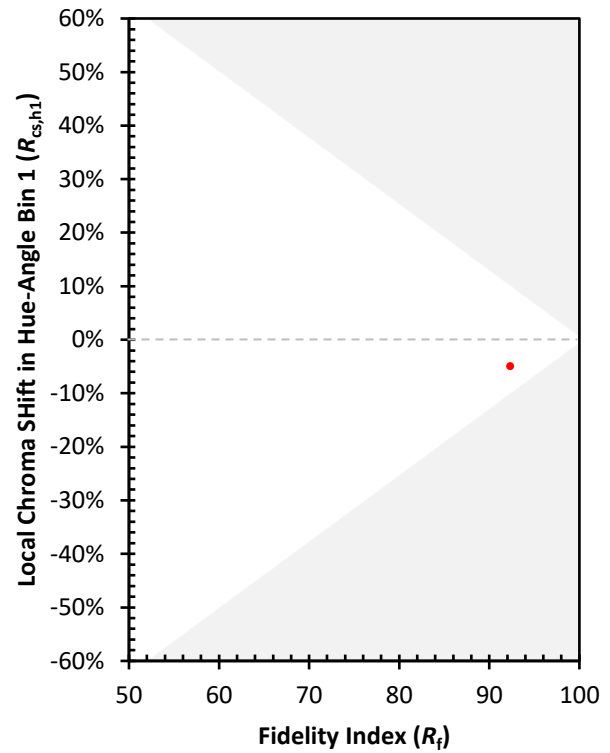
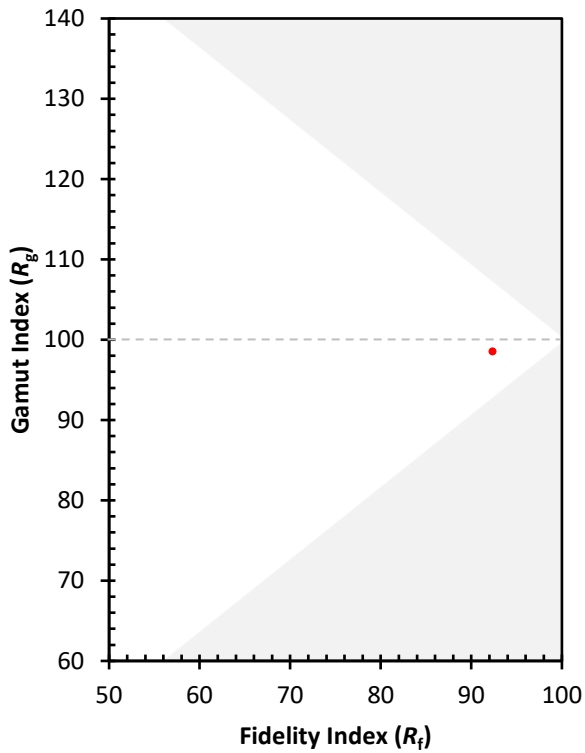
CES01 = 86	CES26 = 93	CES51 = 97	CES76 = 88
CES02 = 62	CES27 = 93	CES52 = 98	CES77 = 91
CES03 = 31	CES28 = 96	CES53 = 96	CES78 = 85
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 96
CES05 = 50	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 87
CES07 = 42	CES32 = 91	CES57 = 93	CES82 = 97
CES08 = 41	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 94	CES59 = 96	CES84 = 94
CES10 = 75	CES35 = 97	CES60 = 94	CES85 = 85
CES11 = 58	CES36 = 86	CES61 = 93	CES86 = 87
CES12 = 64	CES37 = 95	CES62 = 91	CES87 = 92
CES13 = 43	CES38 = 92	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 87
CES15 = 71	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 47	CES41 = 98	CES66 = 89	CES91 = 78
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 81
CES18 = 56	CES43 = 96	CES68 = 89	CES93 = 89
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 81
CES20 = 66	CES45 = 98	CES70 = 87	CES95 = 85
CES21 = 86	CES46 = 97	CES71 = 84	CES96 = 92
CES22 = 78	CES47 = 97	CES72 = 95	CES97 = 95
CES23 = 91	CES48 = 93	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 94	CES99 = 91
CES25 = 71	CES50 = 98	CES75 = 85	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)