

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: P1049377

Luminaire Tested: **GALN-SA7A-935-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049377
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7A-935-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
90CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (98) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16612 lumens
Efficiency: N/A
Efficacy: 86.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 193.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

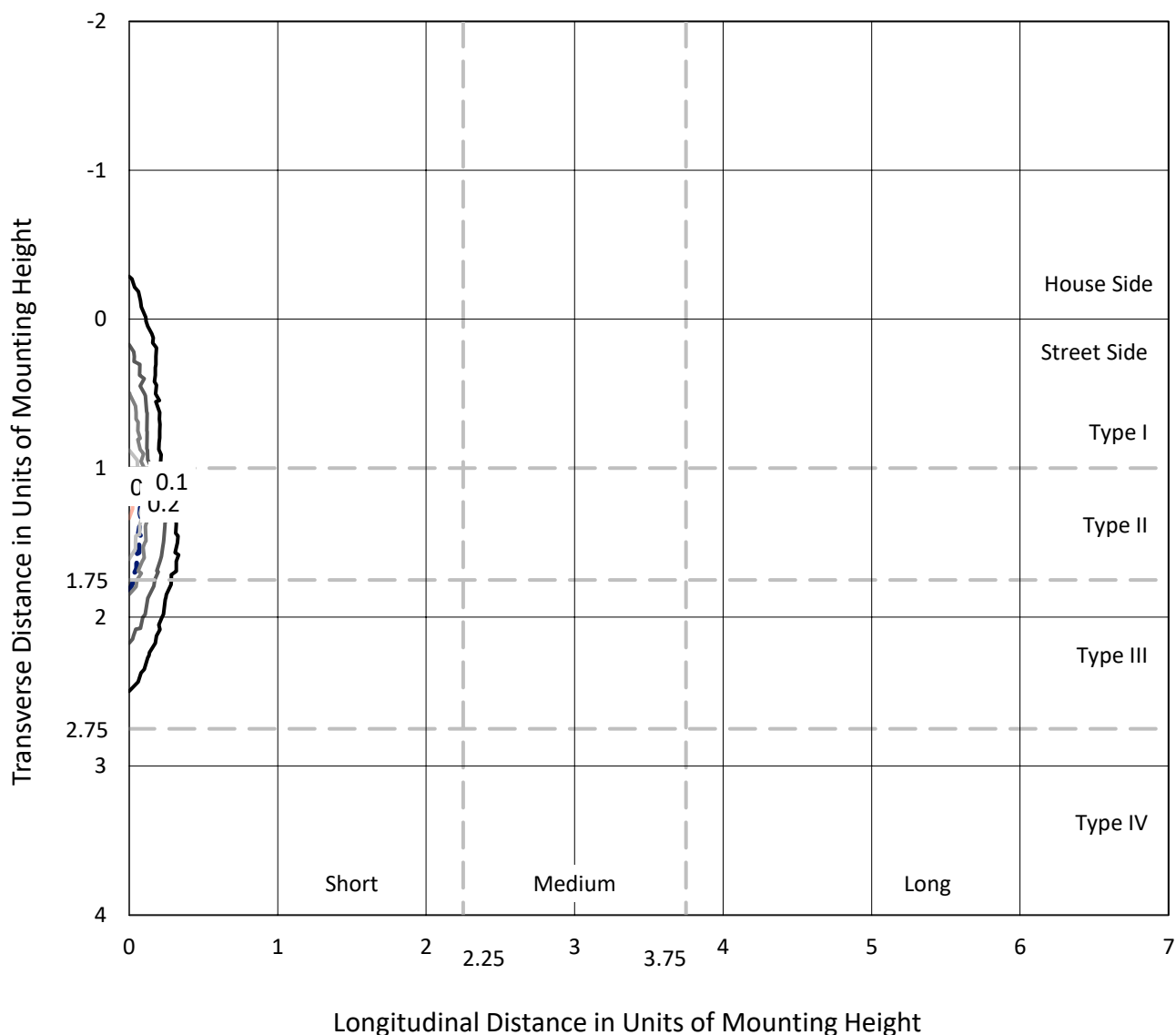
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



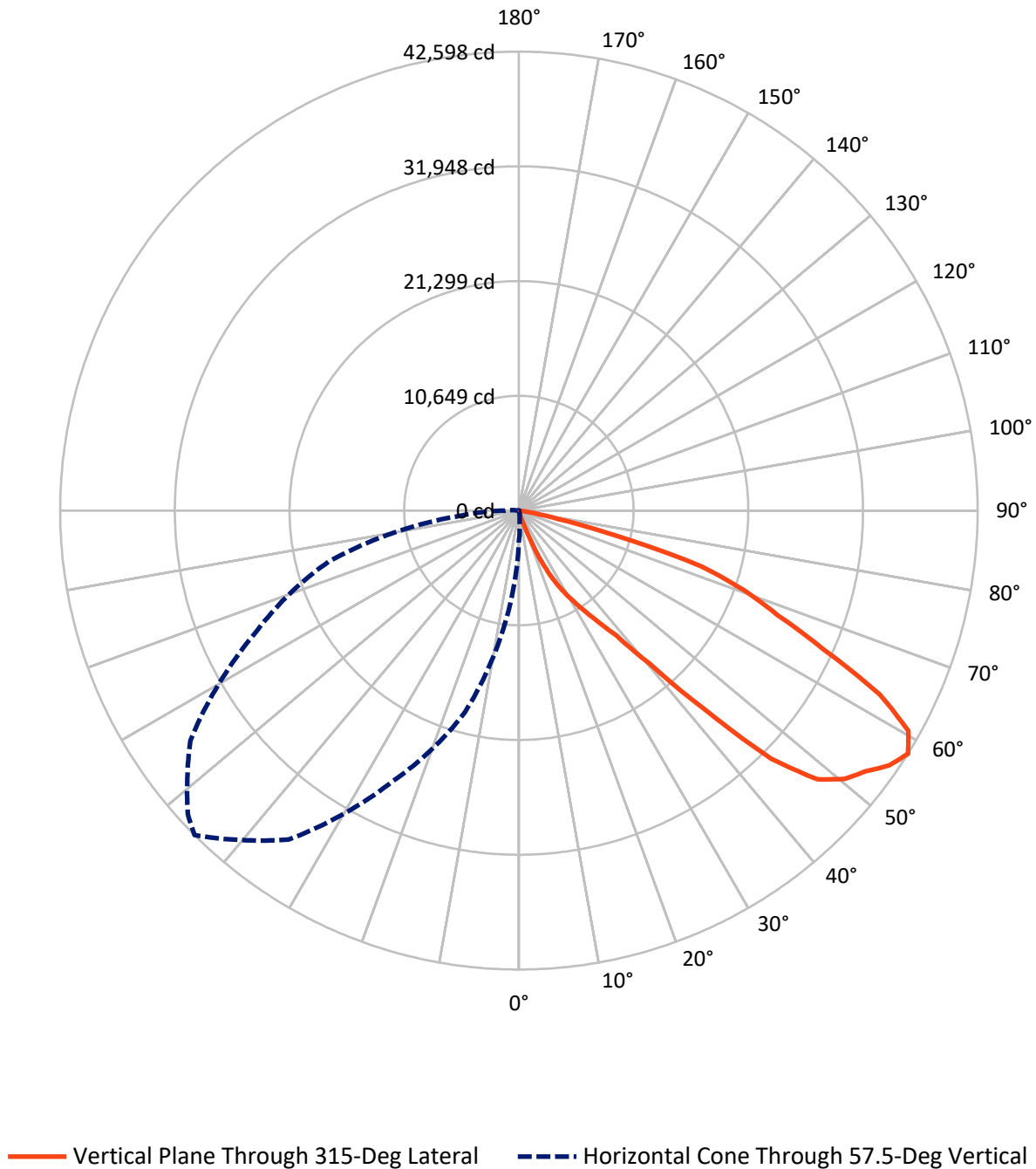
Based on 20 foot mounting height. Maximum calculated value = 2.4 fc

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	83.2	0.0	83.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	16528.8	0.0	16528.8
	% Fixture	99.5	0.0	99.5
Total	Lumens	16612.0	0.0	16612.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.5	0.0
10°-20°	36.5	0.2
20°-30°	393.7	2.4
30°-40°	1164.2	7.0
40°-50°	3469.6	20.9
50°-60°	5501.5	33.1
60°-70°	4592.4	27.6
70°-80°	1416.1	8.5
80°-90°	31.5	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°	16612.0	100.0
0°-180°	16612.0	100.0



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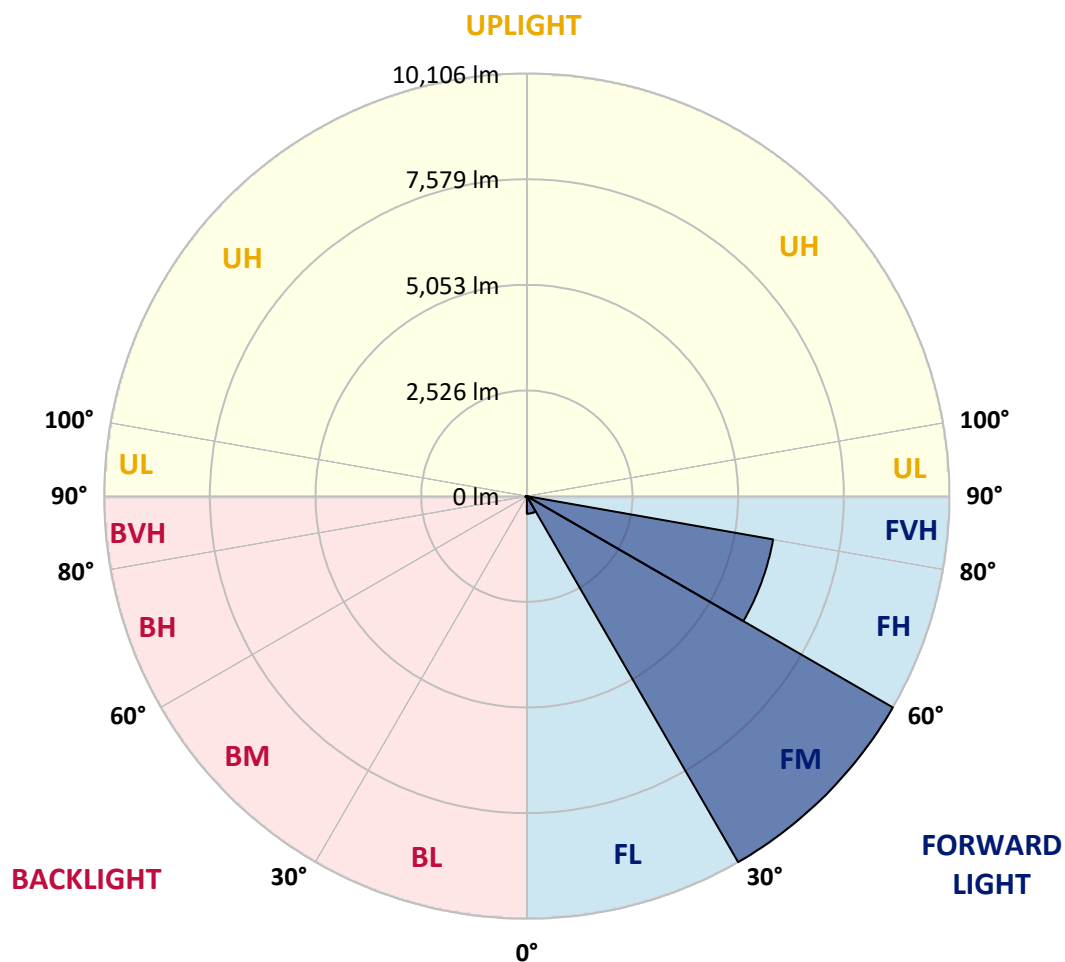
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	421.4	2.5			
FM	(30°-60°)	10105.5	60.8			
FH	(60°-80°)	5977.5	36.0			G3/7500
FVH	(80°-90°)	24.3	0.1			G1/100
BL	(0°-30°)	15.3	0.1	B0/110		
BM	(30°-60°)	29.7	0.2	B0/220		
BH	(60°-80°)	31.0	0.2	B0/110		G0/110
BVH	(80°-90°)	7.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
2.5°	66.5	66.5	66.5	66.5	65.3	65.3	64.0	64.0	62.8	62.8
5°	70.3	70.3	69.0	67.8	67.8	66.5	65.3	64.0	64.0	62.8
7.5°	76.6	75.3	74.1	72.8	70.3	69.0	66.5	65.3	64.0	61.5
10°	84.1	81.6	79.1	76.6	74.1	71.6	69.0	67.8	65.3	64.0
12.5°	94.2	90.4	85.4	81.6	79.1	75.3	72.8	70.3	66.5	64.0
15°	102.9	97.9	91.6	86.6	82.9	77.8	74.1	70.3	67.8	64.0
17.5°	115.5	106.7	96.7	90.4	85.4	79.1	72.8	69.0	65.3	60.3
20°	136.8	119.3	100.4	92.9	85.4	77.8	70.3	65.3	61.5	56.5
22.5°	170.7	140.6	110.5	99.2	89.1	77.8	67.8	62.8	57.7	52.7
25°	236.0	182.0	128.0	113.0	97.9	82.9	67.8	61.5	56.5	50.2
27.5°	313.8	233.5	151.9	130.6	110.5	89.1	67.8	60.3	54.0	46.4
30°	392.9	286.2	178.3	150.6	123.0	95.4	67.8	59.0	51.5	42.7
32.5°	468.2	335.2	200.9	168.2	135.6	101.7	69.0	59.0	49.0	38.9
35°	544.8	375.4	204.6	170.7	136.8	101.7	67.8	56.5	46.4	35.1
37.5°	642.7	420.5	197.1	163.2	130.6	96.7	64.0	54.0	43.9	32.6
40°	790.9	495.9	200.9	165.7	130.6	95.4	60.3	50.2	41.4	31.4
42.5°	1064.5	641.5	217.2	177.0	136.8	95.4	55.2	46.4	38.9	30.1
45°	1840.3	1065.8	291.2	231.0	170.7	110.5	50.2	42.7	36.4	28.9
47.5°	3044.2	1783.9	523.5	404.2	286.2	167.0	49.0	42.7	36.4	28.9
50°	3885.3	2272.2	659.1	507.2	355.3	203.4	51.5	43.9	37.7	30.1
52.5°	3879.0	2307.3	734.4	563.7	394.2	223.5	54.0	46.4	40.2	32.6
55°	3448.5	2098.9	748.2	575.0	403.0	229.7	57.7	50.2	42.7	35.1
57.5°	2882.3	1782.6	682.9	528.5	375.4	220.9	66.5	57.7	50.2	41.4
60°	2279.7	1406.0	532.3	420.5	310.1	198.3	87.9	76.6	66.5	55.2
62.5°	1574.2	1019.3	464.5	372.8	282.5	190.8	100.4	89.1	79.1	67.8
65°	1113.5	767.0	419.3	341.5	264.9	187.0	109.2	96.7	85.4	72.8
67.5°	832.3	610.1	386.6	320.1	253.6	187.0	120.5	105.4	91.6	76.6
70°	637.7	500.9	362.8	308.8	256.1	202.1	148.1	126.8	106.7	85.4
72.5°	519.7	428.1	335.2	296.3	257.3	218.4	179.5	151.9	124.3	95.4
75°	430.6	366.6	302.5	269.9	238.5	205.9	173.2	148.1	124.3	99.2
77.5°	286.2	261.1	234.8	215.9	197.1	177.0	158.2	136.8	116.7	95.4
80°	100.4	96.7	92.9	100.4	108.0	115.5	123.0	108.0	94.2	79.1
82.5°	15.1	13.8	12.6	13.8	15.1	16.3	17.6	18.8	20.1	21.3
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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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
0.0	2.5°	61.5	61.5	60.3	60.3	60.3	59.0	59.0	57.7	57.7	57.7
0.0	5°	60.3	60.3	59.0	57.7	56.5	56.5	55.2	54.0	54.0	52.7
0.0	7.5°	59.0	57.7	56.5	55.2	54.0	52.7	51.5	50.2	50.2	49.0
0.0	10°	60.3	57.7	56.5	54.0	52.7	51.5	49.0	47.7	46.4	46.4
0.0	12.5°	57.7	56.5	54.0	51.5	50.2	47.7	46.4	43.9	42.7	42.7
0.0	15°	57.7	55.2	51.5	49.0	46.4	45.2	42.7	40.2	38.9	37.7
0.0	17.5°	54.0	51.5	47.7	45.2	42.7	40.2	37.7	35.1	33.9	32.6
0.0	20°	49.0	46.4	42.7	38.9	36.4	33.9	31.4	28.9	27.6	26.4
0.0	22.5°	43.9	41.4	37.7	33.9	31.4	28.9	25.1	22.6	21.3	18.8
0.0	25°	41.4	37.7	33.9	30.1	26.4	23.9	20.1	16.3	13.8	11.3
0.0	27.5°	35.1	31.4	27.6	23.9	20.1	16.3	12.6	8.8	6.3	5.0
0.0	30°	30.1	26.4	22.6	18.8	13.8	10.0	6.3	1.3	1.3	1.3
0.0	32.5°	25.1	21.3	16.3	12.6	10.0	6.3	3.8	0.0	0.0	0.0
0.0	35°	20.1	16.3	11.3	7.5	6.3	3.8	2.5	0.0	0.0	0.0
0.0	37.5°	17.6	13.8	8.8	3.8	2.5	2.5	1.3	0.0	0.0	0.0
0.0	40°	16.3	11.3	6.3	1.3	1.3	1.3	0.0	0.0	0.0	0.0
0.0	42.5°	16.3	11.3	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	16.3	11.3	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	16.3	11.3	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	17.6	12.6	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	20.1	15.1	10.0	5.0	3.8	2.5	1.3	0.0	0.0	0.0
0.0	55°	25.1	22.6	18.8	16.3	12.6	8.8	3.8	0.0	0.0	0.0
0.0	57.5°	32.6	32.6	31.4	30.1	22.6	15.1	7.5	0.0	0.0	0.0
0.0	60°	43.9	43.9	43.9	43.9	32.6	22.6	11.3	0.0	0.0	0.0
0.0	62.5°	54.0	51.5	47.7	45.2	33.9	22.6	11.3	0.0	0.0	0.0
0.0	65°	54.0	49.0	42.7	36.4	27.6	18.8	8.8	0.0	0.0	0.0
0.0	67.5°	50.2	40.2	28.9	18.8	13.8	10.0	5.0	0.0	0.0	0.0
	70°	50.2	35.1	20.1	5.0	3.8	2.5	1.3	0.0	0.0	0.0
	72.5°	50.2	33.9	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	55.2	37.7	18.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	55.2	37.7	18.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	49.0	32.6	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	16.3	11.3	5.0	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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[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°	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
0.0	2.5°	56.5	56.5	56.5	55.2	55.2	55.2	55.2	54.0	54.0	54.0
0.0	5°	51.5	51.5	50.2	50.2	49.0	49.0	47.7	47.7	46.4	46.4
0.0	7.5°	47.7	46.4	46.4	45.2	43.9	43.9	42.7	42.7	41.4	40.2
0.0	10°	43.9	42.7	42.7	41.4	40.2	38.9	38.9	37.7	36.4	35.1
0.0	12.5°	40.2	38.9	37.7	36.4	35.1	33.9	33.9	32.6	31.4	30.1
0.0	15°	35.1	33.9	32.6	31.4	30.1	28.9	28.9	27.6	26.4	25.1
0.0	17.5°	30.1	28.9	28.9	27.6	26.4	25.1	23.9	21.3	20.1	18.8
0.0	20°	22.6	21.3	20.1	18.8	17.6	15.1	13.8	11.3	8.8	7.5
0.0	22.5°	15.1	12.6	11.3	8.8	6.3	5.0	3.8	1.3	0.0	0.0
0.0	25°	5.0	3.8	2.5	1.3	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-SA7A-935-U-RBC

[illegible]

REPORT NUMBER: P1049377

CATALOG NUMBER: GALN-SA7A-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°	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
0.0	2.5°	52.7	52.7	52.7	51.5	51.5	51.5	51.5	51.5	51.5	51.5
0.0	5°	45.2	45.2	45.2	43.9	43.9	42.7	42.7	42.7	41.4	41.4
0.0	7.5°	38.9	37.7	37.7	36.4	36.4	35.1	35.1	35.1	33.9	33.9
0.0	10°	32.6	31.4	31.4	30.1	30.1	28.9	28.9	27.6	27.6	26.4
0.0	12.5°	28.9	27.6	26.4	25.1	25.1	23.9	22.6	22.6	21.3	20.1
0.0	15°	22.6	21.3	20.1	18.8	17.6	16.3	15.1	15.1	13.8	12.6
0.0	17.5°	15.1	12.6	11.3	10.0	10.0	8.8	7.5	6.3	5.0	3.8
0.0	20°	3.8	2.5	1.3	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
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: P1049377

CATALOG NUMBER: GALN-SA7A-935-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049377

CATALOG NUMBER: GALN-SA7A-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°	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
0.0	2.5°	51.5	50.2	50.2	50.2	51.5	51.5	51.5	51.5	51.5	51.5
0.0	5°	41.4	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
0.0	7.5°	33.9	32.6	32.6	32.6	32.6	31.4	31.4	31.4	31.4	31.4
0.0	10°	26.4	25.1	25.1	25.1	25.1	23.9	23.9	23.9	23.9	23.9
0.0	12.5°	18.8	18.8	17.6	17.6	17.6	16.3	16.3	16.3	16.3	15.1
0.0	15°	11.3	10.0	8.8	8.8	8.8	7.5	7.5	7.5	7.5	6.3
0.0	17.5°	2.5	2.5	1.3	1.3	1.3	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
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-SA7A-935-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049377

CATALOG NUMBER: GALN-SA7A-935-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
0.0	2.5°	52.7	52.7	54.0	54.0	55.2	57.7	59.0	60.3	62.8	65.3
0.0	5°	41.4	42.7	42.7	43.9	45.2	46.4	47.7	49.0	51.5	54.0
0.0	7.5°	32.6	32.6	33.9	33.9	35.1	37.7	38.9	40.2	42.7	46.4
0.0	10°	25.1	25.1	26.4	26.4	27.6	30.1	31.4	32.6	35.1	38.9
0.0	12.5°	16.3	17.6	17.6	18.8	20.1	22.6	23.9	25.1	27.6	30.1
0.0	15°	7.5	8.8	8.8	10.0	11.3	13.8	15.1	16.3	18.8	22.6
0.0	17.5°	1.3	1.3	2.5	2.5	3.8	5.0	6.3	7.5	11.3	13.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	5.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
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
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-SA7A-935-U-RBC

[illegible]

REPORT NUMBER: P1049377

CATALOG NUMBER: GALN-SA7A-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°	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
0.0	2.5°	69.0	71.6	74.1	76.6	79.1	81.6	82.9	85.4	86.6	87.9
0.0	5°	59.0	61.5	65.3	67.8	70.3	72.8	75.3	76.6	77.8	79.1
0.0	7.5°	51.5	54.0	57.7	60.3	62.8	65.3	67.8	70.3	71.6	72.8
0.0	10°	43.9	47.7	50.2	54.0	56.5	59.0	61.5	64.0	66.5	67.8
0.0	12.5°	35.1	38.9	42.7	45.2	49.0	52.7	55.2	57.7	60.3	62.8
0.0	15°	27.6	31.4	35.1	37.7	41.4	45.2	49.0	51.5	54.0	56.5
0.0	17.5°	20.1	23.9	27.6	30.1	33.9	37.7	40.2	43.9	46.4	49.0
0.0	20°	10.0	13.8	17.6	21.3	25.1	28.9	31.4	35.1	37.7	40.2
0.0	22.5°	1.3	5.0	8.8	11.3	15.1	18.8	21.3	25.1	27.6	30.1
0.0	25°	0.0	1.3	3.8	5.0	6.3	8.8	11.3	13.8	16.3	18.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.3	2.5	5.0	7.5	10.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	2.5
	85°	0.0	0.0	0.0	0.0	0.0	2.5	3.8	6.3	7.5	8.8
	87.5°	0.0	1.3	2.5	3.8	5.0	7.5	10.0	12.6	13.8	15.1
	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: P1049377

CATALOG NUMBER: GALN-SA7A-935-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
72.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.3											
5.0											
11.3											
16.3											
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REPORT NUMBER: P1049377

CATALOG NUMBER: GALN-SA7A-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°	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
0.0	2.5°	89.1	89.1	89.1	89.1	87.9	87.9	87.9	86.6	86.6	85.4
0.0	5°	81.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	81.6	81.6
0.0	7.5°	75.3	76.6	77.8	77.8	79.1	79.1	79.1	77.8	77.8	76.6
0.0	10°	71.6	72.8	72.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1
0.0	12.5°	66.5	67.8	69.0	69.0	70.3	70.3	70.3	70.3	69.0	69.0
0.0	15°	60.3	62.8	64.0	65.3	65.3	66.5	66.5	66.5	66.5	66.5
0.0	17.5°	55.2	57.7	59.0	60.3	60.3	61.5	61.5	62.8	62.8	62.8
0.0	20°	45.2	47.7	49.0	51.5	52.7	54.0	55.2	56.5	56.5	57.7
0.0	22.5°	35.1	37.7	38.9	41.4	42.7	43.9	45.2	46.4	47.7	49.0
0.0	25°	25.1	27.6	28.9	31.4	32.6	33.9	35.1	36.4	36.4	37.7
0.0	27.5°	13.8	16.3	18.8	20.1	22.6	23.9	25.1	26.4	27.6	28.9
0.0	30°	6.3	7.5	8.8	11.3	12.6	13.8	15.1	17.6	18.8	20.1
0.0	32.5°	0.0	0.0	1.3	3.8	5.0	6.3	7.5	8.8	8.8	10.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.5	3.8	5.0
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°	2.5	2.5	2.5	3.8	3.8	3.8	3.8	3.8	3.8	3.8
	82.5°	6.3	7.5	8.8	8.8	10.0	10.0	10.0	10.0	8.8	8.8
	85°	12.6	13.8	15.1	15.1	16.3	16.3	16.3	16.3	16.3	16.3
	87.5°	17.6	18.8	20.1	20.1	21.3	21.3	21.3	21.3	21.3	21.3
	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: P1049377

CATALOG NUMBER: GALN-SA7A-935-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
72.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	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											
3.8											
8.8											
16.3											
21.3											
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REPORT NUMBER: P1049377

CATALOG NUMBER: GALN-SA7A-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°	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
0.0	2.5°	84.1	84.1	82.9	82.9	82.9	82.9	82.9	84.1	85.4	85.4
0.0	5°	80.3	80.3	79.1	79.1	79.1	80.3	80.3	81.6	82.9	84.1
0.0	7.5°	76.6	75.3	75.3	76.6	76.6	77.8	77.8	79.1	80.3	81.6
0.0	10°	74.1	72.8	72.8	72.8	74.1	74.1	75.3	76.6	77.8	79.1
0.0	12.5°	69.0	69.0	69.0	69.0	70.3	70.3	71.6	72.8	75.3	76.6
0.0	15°	66.5	65.3	65.3	65.3	65.3	66.5	66.5	69.0	71.6	72.8
0.0	17.5°	61.5	61.5	60.3	60.3	61.5	61.5	62.8	65.3	67.8	69.0
0.0	20°	56.5	55.2	54.0	54.0	55.2	55.2	56.5	59.0	61.5	62.8
0.0	22.5°	49.0	47.7	47.7	47.7	47.7	49.0	49.0	51.5	55.2	57.7
0.0	25°	38.9	40.2	40.2	41.4	41.4	42.7	43.9	46.4	50.2	52.7
0.0	27.5°	30.1	31.4	31.4	33.9	35.1	36.4	37.7	41.4	45.2	47.7
0.0	30°	22.6	23.9	25.1	26.4	28.9	31.4	33.9	37.7	41.4	43.9
0.0	32.5°	13.8	16.3	17.6	20.1	22.6	25.1	27.6	31.4	36.4	40.2
0.0	35°	10.0	11.3	13.8	15.1	17.6	20.1	22.6	27.6	31.4	36.4
0.0	37.5°	5.0	7.5	10.0	12.6	15.1	17.6	20.1	25.1	30.1	33.9
0.0	40°	3.8	6.3	7.5	10.0	13.8	16.3	18.8	23.9	28.9	33.9
0.0	42.5°	2.5	3.8	5.0	8.8	11.3	15.1	18.8	23.9	28.9	33.9
0.0	45°	2.5	2.5	3.8	7.5	11.3	16.3	20.1	25.1	28.9	33.9
0.0	47.5°	2.5	3.8	5.0	10.0	12.6	16.3	20.1	23.9	28.9	32.6
0.0	50°	3.8	5.0	6.3	11.3	13.8	17.6	20.1	25.1	28.9	33.9
0.0	52.5°	2.5	3.8	5.0	10.0	13.8	18.8	22.6	27.6	32.6	36.4
0.0	55°	1.3	1.3	1.3	7.5	15.1	21.3	28.9	32.6	37.7	41.4
0.0	57.5°	0.0	0.0	0.0	5.0	15.1	23.9	32.6	37.7	42.7	46.4
0.0	60°	0.0	0.0	0.0	5.0	15.1	23.9	32.6	38.9	45.2	51.5
0.0	62.5°	0.0	0.0	0.0	5.0	12.6	20.1	27.6	37.7	49.0	59.0
0.0	65°	0.0	0.0	0.0	3.8	10.0	16.3	22.6	37.7	52.7	66.5
0.0	67.5°	0.0	0.0	0.0	3.8	10.0	15.1	21.3	37.7	52.7	69.0
	70°	0.0	0.0	0.0	3.8	10.0	16.3	22.6	37.7	52.7	67.8
	72.5°	0.0	0.0	0.0	3.8	11.3	17.6	25.1	37.7	50.2	62.8
	75°	0.0	0.0	0.0	5.0	11.3	18.8	26.4	37.7	49.0	59.0
	77.5°	0.0	0.0	0.0	3.8	11.3	17.6	25.1	36.4	47.7	57.7
	80°	3.8	2.5	2.5	6.3	11.3	16.3	21.3	32.6	45.2	56.5
	82.5°	7.5	7.5	6.3	8.8	11.3	15.1	18.8	28.9	40.2	50.2
	85°	15.1	15.1	13.8	15.1	15.1	16.3	17.6	22.6	27.6	32.6
	87.5°	20.1	20.1	18.8	18.8	18.8	17.6	17.6	17.6	17.6	16.3
	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: P1049377

CATALOG NUMBER: GALN-SA7A-935-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
72.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.9											
75.3											
70.3											
69.0											
67.8											
60.3											
37.7											
16.3											
0.0											
0.0											
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0.0											



REPORT NUMBER: P1049377

CATALOG NUMBER: GALN-SA7A-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°	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
0.0	2.5°	87.9	89.1	89.1	90.4	91.6	92.9	92.9	94.2	94.2	94.2
0.0	5°	86.6	89.1	90.4	91.6	92.9	94.2	95.4	96.7	97.9	97.9
0.0	7.5°	85.4	86.6	89.1	90.4	92.9	94.2	96.7	97.9	99.2	100.4
0.0	10°	82.9	85.4	87.9	90.4	92.9	95.4	97.9	100.4	102.9	104.2
0.0	12.5°	80.3	84.1	86.6	89.1	92.9	96.7	99.2	102.9	105.4	108.0
0.0	15°	79.1	81.6	85.4	87.9	92.9	97.9	101.7	106.7	111.7	115.5
0.0	17.5°	75.3	80.3	84.1	87.9	92.9	99.2	104.2	109.2	116.7	124.3
0.0	20°	70.3	74.1	79.1	82.9	90.4	96.7	104.2	110.5	121.8	133.1
0.0	22.5°	65.3	70.3	74.1	79.1	87.9	95.4	104.2	111.7	130.6	148.1
0.0	25°	60.3	66.5	71.6	76.6	86.6	96.7	106.7	116.7	148.1	179.5
0.0	27.5°	57.7	62.8	69.0	74.1	86.6	100.4	113.0	125.5	175.7	224.7
0.0	30°	54.0	60.3	65.3	71.6	87.9	104.2	120.5	136.8	213.4	290.0
0.0	32.5°	50.2	56.5	62.8	69.0	90.4	111.7	131.8	153.2	253.6	352.8
0.0	35°	46.4	54.0	60.3	66.5	94.2	123.0	150.6	178.3	290.0	400.5
0.0	37.5°	45.2	52.7	59.0	65.3	95.4	124.3	154.4	183.3	293.8	404.2
0.0	40°	46.4	52.7	60.3	66.5	91.6	116.7	140.6	165.7	281.2	395.4
0.0	42.5°	46.4	54.0	61.5	69.0	89.1	109.2	129.3	149.4	277.4	405.5
0.0	45°	45.2	52.7	60.3	67.8	86.6	104.2	123.0	140.6	300.0	458.2
0.0	47.5°	43.9	51.5	59.0	66.5	85.4	104.2	123.0	141.9	387.9	632.7
0.0	50°	43.9	51.5	57.7	64.0	86.6	110.5	133.1	155.7	564.9	972.9
0.0	52.5°	46.4	52.7	57.7	62.8	89.1	116.7	143.1	169.5	718.1	1265.4
0.0	55°	50.2	54.0	59.0	62.8	95.4	126.8	159.4	190.8	764.5	1338.2
0.0	57.5°	55.2	59.0	62.8	66.5	106.7	146.9	185.8	226.0	768.3	1309.3
0.0	60°	61.5	66.5	70.3	74.1	116.7	160.7	203.4	246.0	695.5	1143.6
0.0	62.5°	75.3	81.6	86.6	92.9	134.3	174.5	215.9	256.1	577.5	898.8
0.0	65°	86.6	91.6	96.7	101.7	141.9	183.3	223.5	263.6	489.6	715.6
0.0	67.5°	89.1	94.2	97.9	102.9	144.4	185.8	226.0	267.4	419.3	569.9
	70°	90.4	96.7	104.2	110.5	153.2	195.8	237.3	279.9	371.6	463.2
	72.5°	86.6	99.2	110.5	121.8	161.9	200.9	241.0	279.9	345.2	410.5
	75°	86.6	104.2	120.5	136.8	167.0	195.8	226.0	254.8	305.1	355.3
	77.5°	91.6	114.2	136.8	159.4	177.0	193.3	210.9	227.2	259.9	292.5
	80°	91.6	115.5	138.1	161.9	169.5	178.3	185.8	193.3	197.1	200.9
	82.5°	79.1	97.9	116.7	135.6	126.8	118.0	109.2	100.4	94.2	86.6
	85°	40.2	43.9	46.4	49.0	45.2	41.4	37.7	33.9	31.4	27.6
	87.5°	16.3	16.3	15.1	15.1	15.1	15.1	13.8	13.8	13.8	13.8
	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: P1049377

CATALOG NUMBER: GALN-SA7A-935-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
72.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
267.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
371.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
503.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
628.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
714.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
778.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
842.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
967.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1218.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1857.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2845.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3582.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3664.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3306.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2827.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2209.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1669.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1232.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
872.5											
649.0											
472.0											
355.3											
199.6											
90.4											
26.4											
12.6											
0.0											
0.0											
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REPORT NUMBER: P1049377

CATALOG NUMBER: GALN-SA7A-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°	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
0.0	2.5°	94.2	92.9	92.9	91.6	90.4	89.1	87.9	86.6	85.4	84.1
0.0	5°	97.9	97.9	97.9	96.7	96.7	95.4	95.4	94.2	92.9	91.6
0.0	7.5°	101.7	102.9	102.9	104.2	104.2	104.2	104.2	102.9	102.9	102.9
0.0	10°	108.0	109.2	110.5	111.7	113.0	114.2	114.2	115.5	115.5	115.5
0.0	12.5°	115.5	119.3	121.8	125.5	128.0	131.8	134.3	138.1	140.6	143.1
0.0	15°	126.8	133.1	140.6	146.9	153.2	161.9	172.0	180.8	189.6	203.4
0.0	17.5°	143.1	163.2	183.3	202.1	222.2	266.1	310.1	352.8	396.7	460.7
0.0	20°	174.5	234.8	293.8	354.0	413.0	567.4	720.6	875.0	1028.1	1192.6
0.0	22.5°	244.8	392.9	541.1	689.2	837.3	1159.9	1481.3	1803.9	2125.3	2503.2
0.0	25°	355.3	627.7	900.1	1171.2	1443.7	1948.3	2454.2	2958.9	3463.5	3954.4
0.0	27.5°	517.2	934.0	1350.8	1766.3	2183.1	2867.2	3552.6	4236.8	4921.0	5475.8
0.0	30°	716.8	1281.7	1846.6	2411.5	2976.4	3754.8	4533.1	5310.1	6088.5	6694.8
0.0	32.5°	905.1	1596.8	2288.5	2979.0	3670.7	4556.9	5444.5	6330.7	7217.0	7879.8
0.0	35°	1028.1	1864.2	2701.5	3537.6	4373.6	5332.7	6291.8	7249.7	8208.8	8965.7
0.0	37.5°	1151.2	2116.5	3080.6	4046.0	5010.1	6063.4	7116.6	8169.8	9223.1	10158.3
0.0	40°	1289.2	2421.6	3552.6	4685.0	5816.0	7063.9	8310.4	9558.3	10804.8	12124.2
0.0	42.5°	1529.0	2927.5	4327.2	5725.7	7124.1	8774.9	10425.7	12075.2	13726.0	15609.1
0.0	45°	1979.7	3950.6	5922.8	7893.7	9864.6	12051.4	14239.5	16426.3	18613.1	21118.8
0.0	47.5°	3083.1	5794.7	8505.0	11216.6	13926.9	16288.2	18648.3	21009.6	23369.6	25865.3
0.0	50°	4717.6	7873.6	11029.5	14184.2	17340.2	19476.8	21612.1	23748.8	25884.1	28258.0
0.0	52.5°	5900.2	9187.9	12476.9	15764.7	19052.5	20980.7	22910.2	24838.4	26766.6	28984.8
0.0	55°	5989.3	9258.2	12528.4	15797.4	19066.3	21003.3	22940.3	24877.3	26814.3	29165.6
0.0	57.5°	5302.6	8545.2	11786.5	15029.1	18270.4	20476.1	22680.5	24886.1	27090.5	29632.6
0.0	60°	4510.5	7754.3	10996.9	14240.7	17483.3	20024.1	22566.2	25107.1	27647.9	30029.3
0.0	62.5°	3518.8	6855.5	10193.5	13530.2	16866.9	19446.7	22026.4	24604.9	27184.7	28971.0
0.0	65°	2622.4	5862.5	9102.6	12341.4	15581.4	17647.7	19714.1	21779.1	23845.4	24951.4
0.0	67.5°	1895.6	4690.0	7483.2	10277.6	13070.7	14549.5	16028.3	17505.9	18984.7	19830.8
	70°	1281.7	3217.5	5152.0	7087.7	9022.2	10237.4	11453.8	12669.0	13884.2	15026.6
	72.5°	887.5	1974.7	3063.1	4150.2	5237.3	6460.0	7681.5	8904.2	10125.7	11334.6
	75°	588.8	1083.4	1579.2	2073.8	2568.5	3473.6	4379.9	5285.0	6190.1	6910.7
	77.5°	418.0	566.2	715.6	863.7	1011.8	1181.3	1352.0	1521.5	1691.0	1948.3
	80°	198.3	217.2	236.0	253.6	272.4	333.9	395.4	456.9	518.5	583.7
	82.5°	94.2	101.7	109.2	115.5	123.0	129.3	135.6	141.9	148.1	141.9
	85°	25.1	25.1	26.4	26.4	26.4	26.4	26.4	26.4	26.4	25.1
	87.5°	11.3	11.3	11.3	11.3	11.3	11.3	11.3	10.0	10.0	8.8
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
72.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
218.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
523.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1358.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2881.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4445.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6030.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7302.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8543.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9722.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11094.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13443.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17492.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23624.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28360.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30631.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31203.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31518.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32174.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32409.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30758.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26058.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20678.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16167.7											
12543.5											
7631.3											
2205.7											
649.0											
134.3											
23.9											
8.8											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
0.0	2.5°	81.6	80.3	79.1	77.8	76.6	74.1	74.1	72.8	72.8
0.0	5°	89.1	87.9	86.6	85.4	85.4	84.1	82.9	82.9	81.6
0.0	7.5°	101.7	100.4	99.2	97.9	97.9	96.7	96.7	95.4	95.4
0.0	10°	116.7	116.7	116.7	116.7	116.7	115.5	115.5	115.5	114.2
0.0	12.5°	146.9	148.1	150.6	153.2	156.9	156.9	156.9	155.7	155.7
0.0	15°	232.2	246.0	256.1	266.1	274.9	295.0	292.5	288.7	286.2
0.0	17.5°	587.5	650.3	684.2	716.8	750.7	843.6	828.5	813.5	799.7
0.0	20°	1522.7	1687.2	1796.4	1905.6	2016.1	2190.6	2147.9	2105.2	2062.5
0.0	22.5°	3257.6	3635.5	3800.0	3964.4	4127.6	4338.5	4201.7	4064.8	3929.3
0.0	25°	4934.8	5425.6	5703.1	5980.5	6256.7	6377.2	6198.9	6019.4	5841.2
0.0	27.5°	6585.6	7140.4	7385.2	7628.8	7873.6	8125.9	7905.0	7682.8	7461.8
0.0	30°	7908.7	8515.1	8779.9	9043.6	9308.4	9484.2	9255.7	9026.0	8797.5
0.0	32.5°	9206.8	9869.6	10159.6	10449.6	10738.3	10990.6	10709.4	10427.0	10145.8
0.0	35°	10478.4	11235.4	11634.6	12033.8	12433.0	12667.8	12333.8	11998.7	11664.7
0.0	37.5°	12030.0	12965.3	13412.2	13859.1	14306.0	14734.1	14366.3	13997.2	13629.4
0.0	40°	14762.9	16082.3	16767.7	17454.4	18139.8	18692.2	18227.7	17763.2	17298.8
0.0	42.5°	19375.1	21258.1	22243.6	23227.8	24213.2	25075.7	24587.3	24099.0	23610.7
0.0	45°	26130.2	28635.8	29837.2	31037.3	32238.7	32868.9	32165.9	31461.6	30758.6
0.0	47.5°	30855.3	33351.0	34420.5	35490.1	36559.6	37278.9	36419.0	35559.1	34700.5
0.0	50°	33004.5	35378.3	36451.7	37523.7	38597.1	39168.3	38175.3	37181.0	36188.0
0.0	52.5°	33420.0	35638.2	36918.7	38200.4	39480.8	40244.1	39071.6	37897.8	36725.3
0.0	55°	33869.4	36220.7	37705.8	39192.1	40677.2	41734.2	40408.5	39081.6	37756.0
0.0	57.5°	34715.5	37257.6	38738.9	40219.0	41700.3	42597.9	41268.5	39937.8	38608.4
0.0	60°	34790.8	37171.0	38443.9	39718.1	40991.0	41555.9	40284.3	39011.3	37739.7
0.0	62.5°	32545.0	34331.4	35215.1	36098.9	36982.7	37596.6	36269.6	34941.5	33614.6
0.0	65°	27164.6	28270.5	28974.8	29679.0	30383.3	31115.2	29900.0	28684.8	27469.6
0.0	67.5°	21524.3	22370.4	23298.1	24225.8	25153.5	25935.6	24962.7	23988.5	23015.6
	70°	17310.1	18451.2	19494.4	20537.6	21580.8	22221.0	21244.3	20266.4	19289.7
	72.5°	13752.4	14961.3	15832.5	16702.5	17573.7	17730.6	17012.5	16294.5	15577.7
	75°	8350.6	9071.2	9088.8	9105.1	9122.6	9272.0	8677.0	8082.0	7488.2
	77.5°	2463.0	2720.3	2932.5	3143.4	3355.6	3611.6	3393.2	3173.5	2955.1
	80°	713.0	778.3	833.6	887.5	942.8	910.1	858.7	807.2	755.7
	82.5°	128.0	120.5	119.3	118.0	118.0	111.7	101.7	91.6	81.6
	85°	22.6	21.3	20.1	18.8	17.6	16.3	13.8	12.6	10.0
	87.5°	7.5	6.3	5.0	3.8	3.8	1.3	1.3	1.3	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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CATALOG NUMBER: GALN-SA7A-935-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049377

CATALOG NUMBER: GALN-SA7A-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°	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
0.0	0.0	2.5°	71.6	70.3	70.3	70.3	70.3	69.0	69.0	69.0	69.0
0.0	0.0	5°	79.1	79.1	77.8	77.8	76.6	76.6	75.3	75.3	74.1
0.0	0.0	7.5°	92.9	91.6	90.4	89.1	87.9	85.4	84.1	82.9	82.9
0.0	0.0	10°	111.7	109.2	108.0	105.4	104.2	101.7	99.2	96.7	94.2
0.0	0.0	12.5°	146.9	141.9	138.1	133.1	128.0	124.3	119.3	115.5	110.5
0.0	0.0	15°	254.8	242.3	228.5	212.2	194.6	178.3	160.7	150.6	139.3
0.0	0.0	17.5°	651.5	586.2	519.7	465.7	411.8	359.0	305.1	266.1	227.2
0.0	0.0	20°	1658.3	1477.5	1296.8	1118.5	939.0	760.7	581.2	490.8	400.5
0.0	0.0	22.5°	3120.8	2785.6	2449.2	2124.1	1797.7	1472.5	1147.4	942.8	739.4
0.0	0.0	25°	4816.8	4395.0	3973.2	3438.4	2902.4	2367.6	1832.8	1500.1	1167.5
0.0	0.0	27.5°	6268.0	5782.2	5296.3	4646.1	3995.8	3345.5	2695.2	2199.4	1704.8
0.0	0.0	30°	7524.6	7002.4	6480.1	5723.2	4966.2	4209.2	3452.2	2832.1	2211.9
0.0	0.0	32.5°	8614.2	7989.1	7363.9	6583.1	5802.2	5021.4	4240.6	3479.8	2719.1
0.0	0.0	35°	9870.8	9141.5	8410.9	7544.7	6677.2	5811.0	4944.8	4086.2	3226.3
0.0	0.0	37.5°	11467.6	10572.6	9676.3	8710.9	7745.5	6781.4	5816.0	4834.4	3852.7
0.0	0.0	40°	14524.4	13369.5	12214.6	10988.1	9760.4	8533.9	7307.4	6102.3	4897.1
0.0	0.0	42.5°	20001.5	18441.1	16880.7	15248.8	13615.6	11983.6	10350.4	8650.6	6949.6
0.0	0.0	45°	26182.9	24247.1	22310.1	20478.6	18645.8	16814.2	14982.6	12650.2	10317.7
0.0	0.0	47.5°	29659.0	27568.8	25478.6	23745.0	22011.4	20277.7	18544.1	16029.6	13515.1
0.0	0.0	50°	30938.2	28810.3	26682.5	25087.0	23490.2	21894.6	20297.8	17779.6	15260.1
0.0	0.0	52.5°	31210.6	29040.1	26869.6	25264.0	23658.4	22054.0	20448.4	17946.5	15444.6
0.0	0.0	55°	31770.5	29441.8	27111.8	25281.5	23451.2	21620.9	19790.6	17248.5	14706.5
0.0	0.0	57.5°	32502.3	30114.7	27727.0	25641.8	23556.7	21472.8	19387.7	16608.3	13829.0
0.0	0.0	60°	32310.3	30232.7	28153.8	25920.5	23686.0	21452.7	19218.2	16161.4	13103.4
0.0	0.0	62.5°	28976.0	27321.5	25665.7	23829.1	21991.3	20154.7	18318.1	15170.9	12023.8
0.0	0.0	65°	23837.9	22630.2	21422.6	19945.0	18466.2	16988.7	15511.1	12689.1	9868.3
0.0	0.0	67.5°	19319.9	17959.1	16597.0	15419.5	14240.7	13063.2	11884.4	9663.7	7443.0
		70°	15349.2	13869.1	12387.8	11237.9	10086.8	8936.9	7787.0	6310.7	4835.6
		72.5°	12189.5	10855.0	9520.6	8294.1	7066.4	5839.9	4612.2	3739.7	2867.2
		75°	5826.1	5292.6	4759.0	4117.6	3476.1	2834.6	2193.1	1812.7	1433.6
		77.5°	2159.2	1871.7	1583.0	1321.9	1060.8	800.9	539.8	494.6	449.4
		80°	558.6	487.1	414.3	362.8	310.1	258.6	207.1	187.0	168.2
		82.5°	64.0	59.0	55.2	52.7	49.0	46.4	42.7	38.9	35.1
		85°	3.8	2.5	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: P1049377

CATALOG NUMBER: GALN-SA7A-935-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	72.8	72.8
0.0	0.0	2.5°	67.8	66.5
0.0	0.0	5°	71.6	70.3
0.0	0.0	7.5°	79.1	76.6
0.0	0.0	10°	86.6	84.1
0.0	0.0	12.5°	97.9	94.2
0.0	0.0	15°	110.5	102.9
0.0	0.0	17.5°	131.8	115.5
0.0	0.0	20°	178.3	136.8
0.0	0.0	22.5°	251.1	170.7
0.0	0.0	25°	369.1	236.0
0.0	0.0	27.5°	513.4	313.8
0.0	0.0	30°	682.9	392.9
0.0	0.0	32.5°	832.3	468.2
0.0	0.0	35°	1026.9	544.8
0.0	0.0	37.5°	1266.7	642.7
0.0	0.0	40°	1638.2	790.9
0.0	0.0	42.5°	2307.3	1064.5
0.0	0.0	45°	3747.2	1840.3
0.0	0.0	47.5°	5765.8	3044.2
0.0	0.0	50°	7053.8	3885.3
0.0	0.0	52.5°	7159.3	3879.0
0.0	0.0	55°	6535.4	3448.5
0.0	0.0	57.5°	5576.3	2882.3
0.0	0.0	60°	4634.8	2279.7
0.0	0.0	62.5°	3651.8	1574.2
0.0	0.0	65°	2668.9	1113.5
0.0	0.0	67.5°	1916.9	832.3
		70°	1260.4	637.7
		72.5°	821.0	519.7
		75°	552.4	430.6
		77.5°	322.6	286.2
		80°	114.2	100.4
		82.5°	21.3	15.1
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049377

CATALOG NUMBER: GALN-SA7A-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

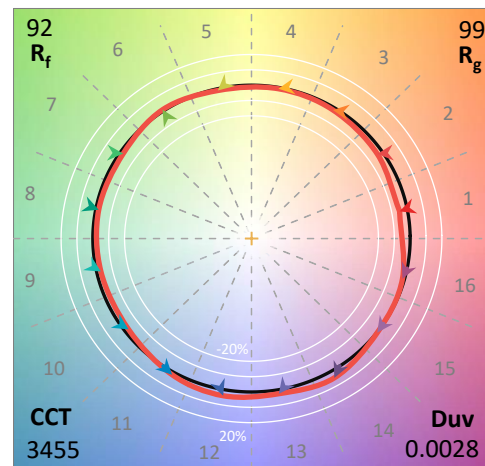
Test Information

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

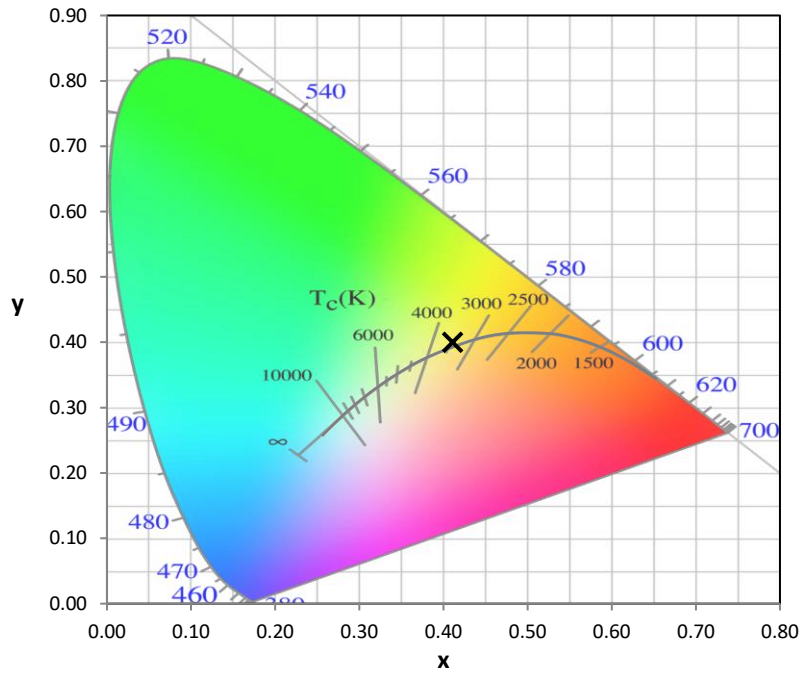
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-15

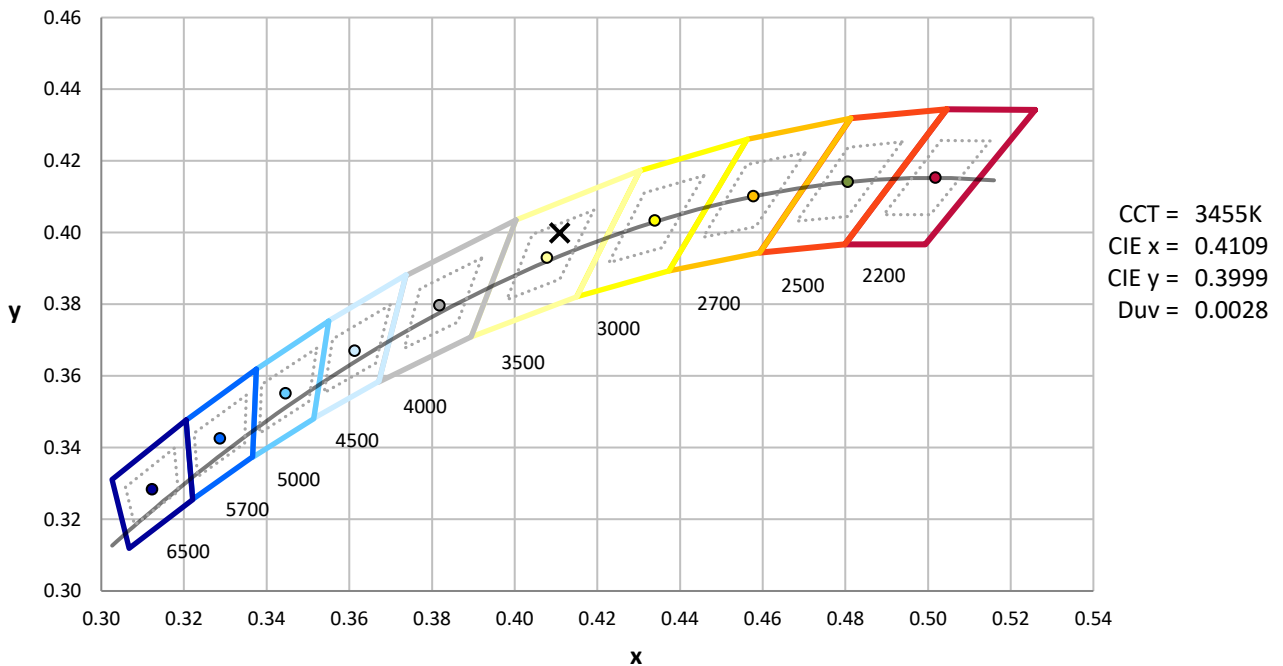
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

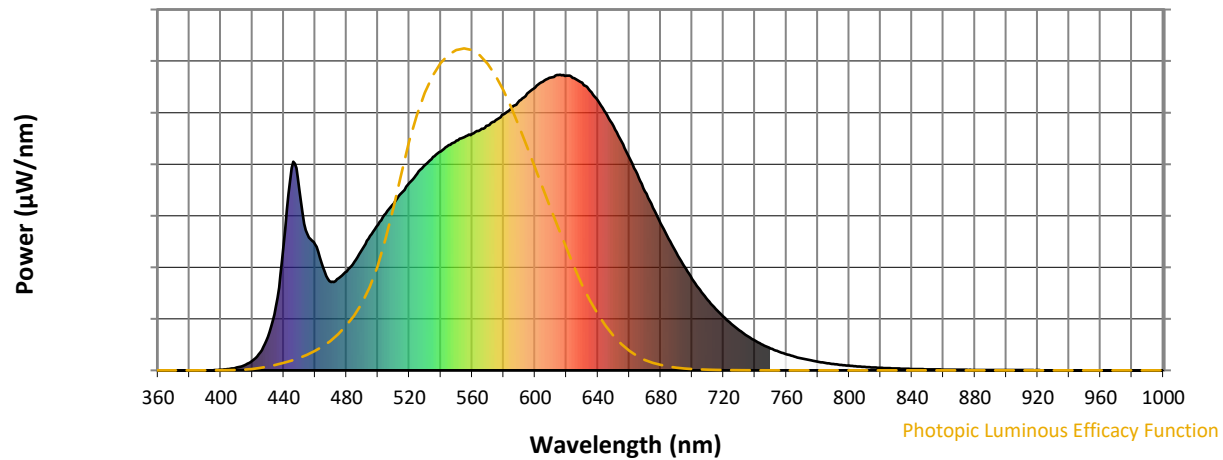


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

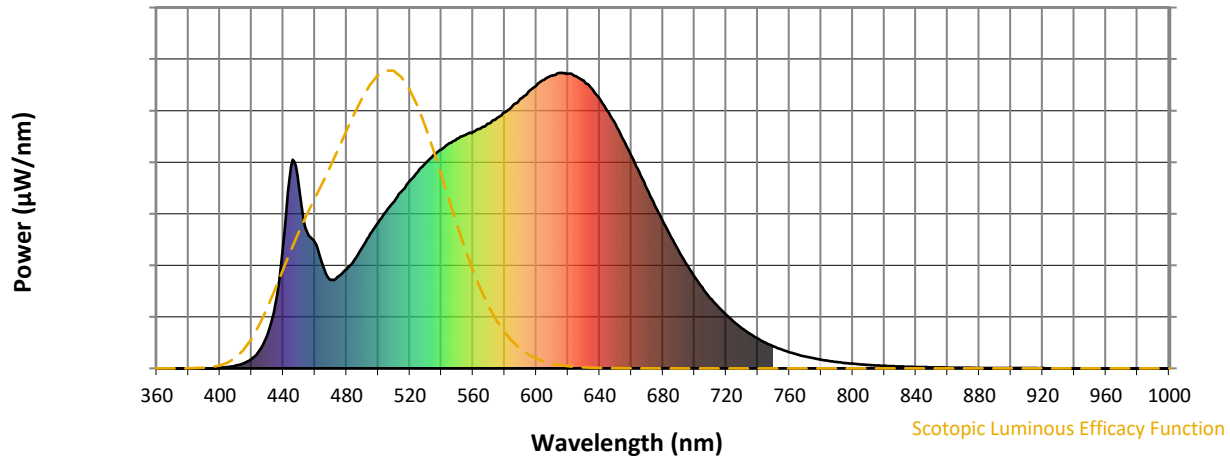
REPORT NUMBER: SP1-2407-184-15

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



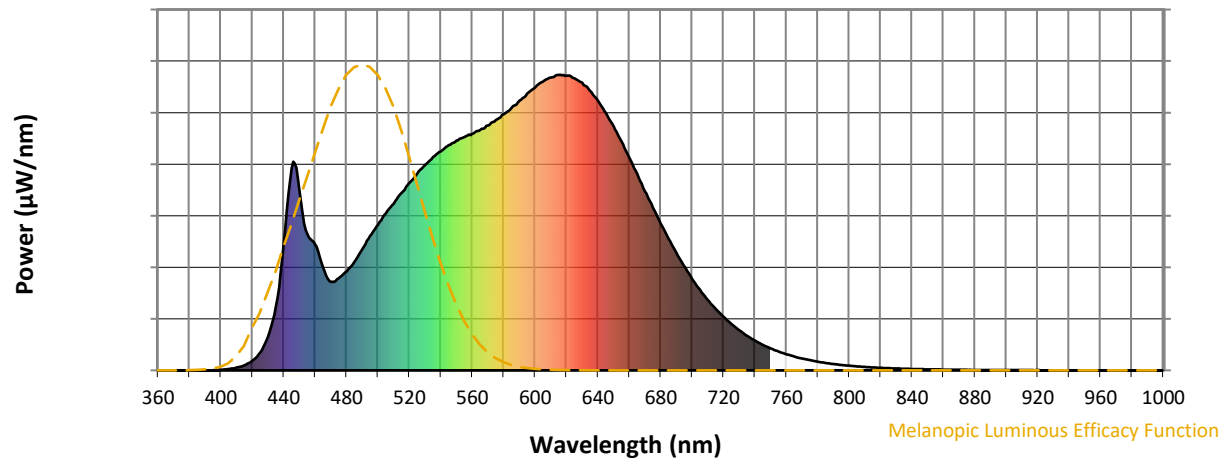
Scotopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-15

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.14

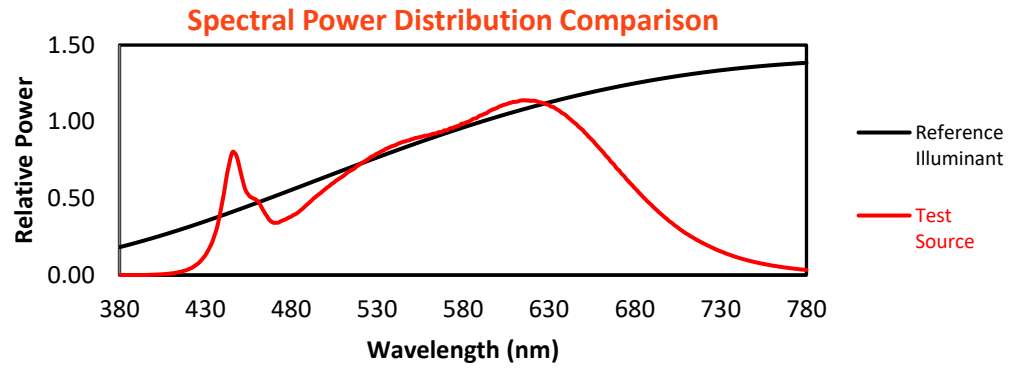
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	410	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

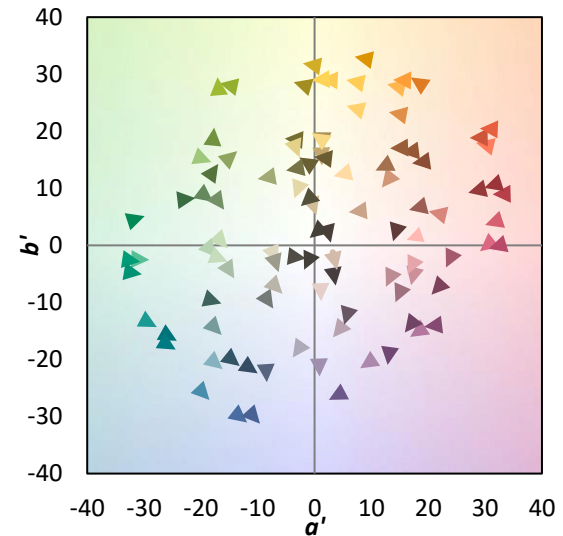
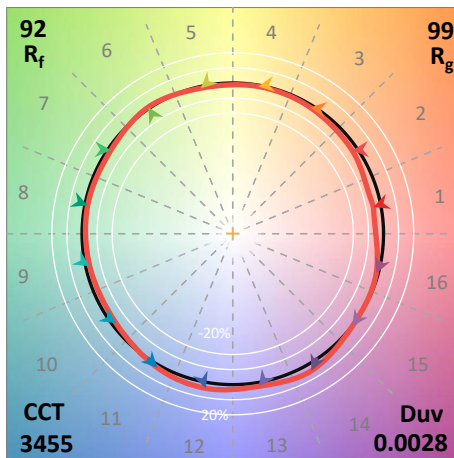
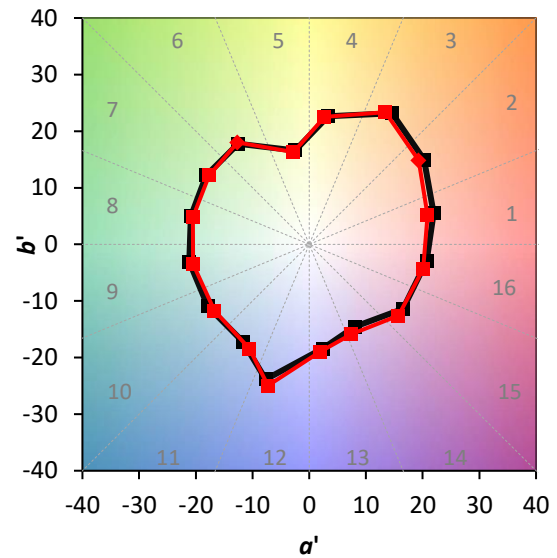
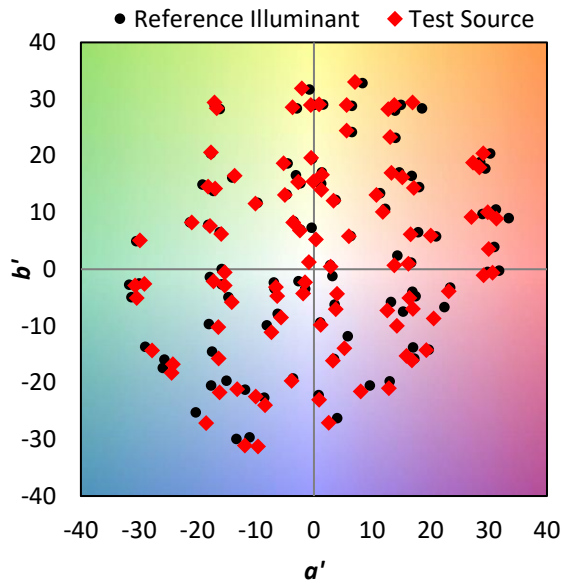
TM-30-18

Summary

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

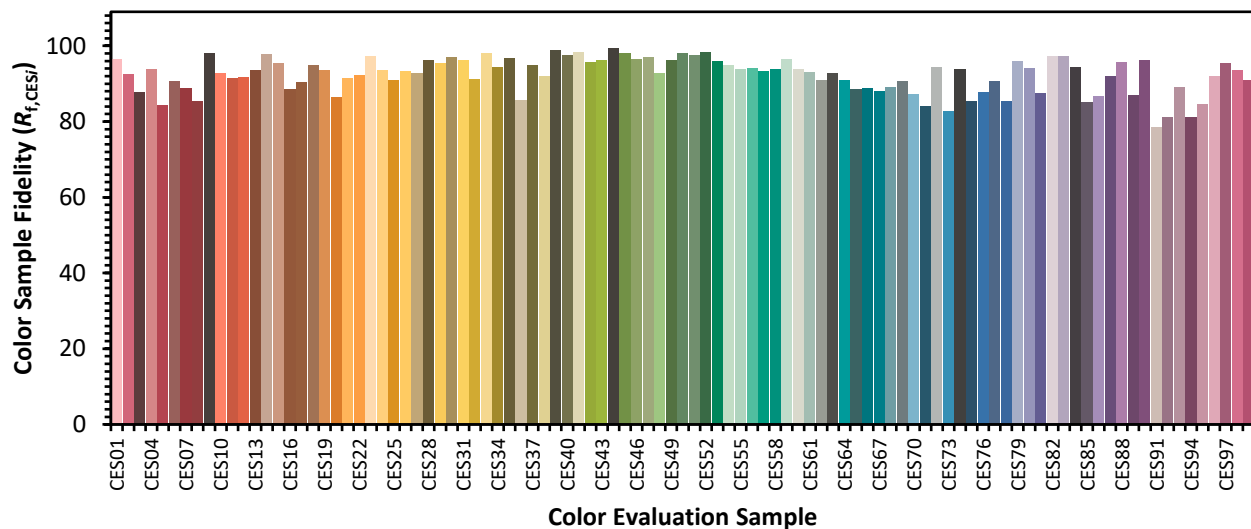


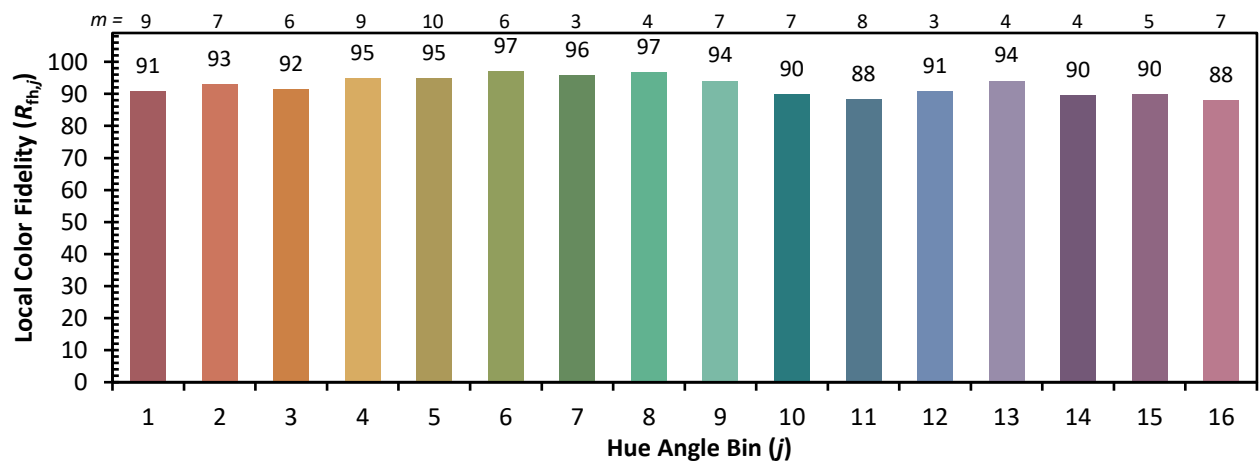
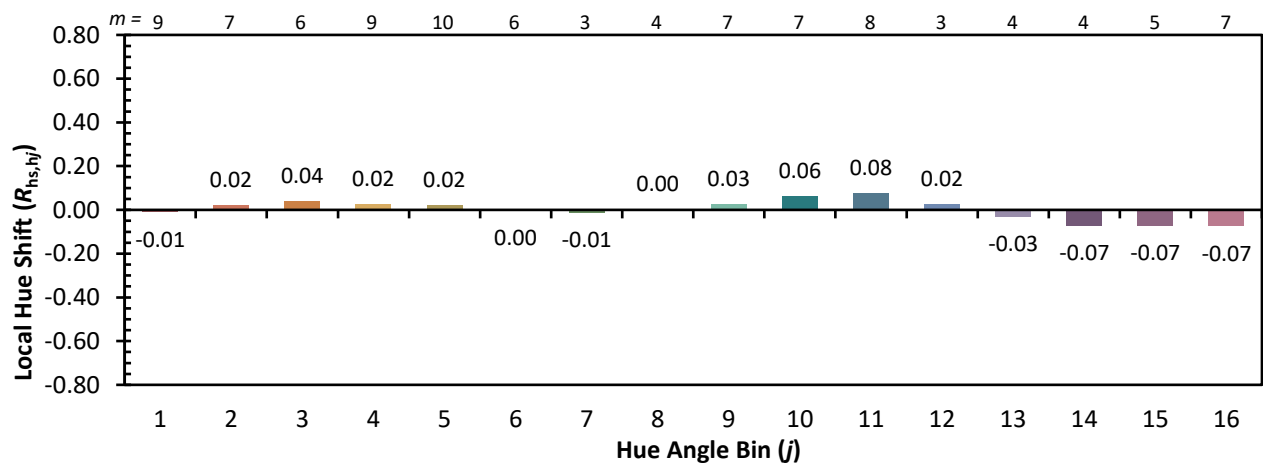
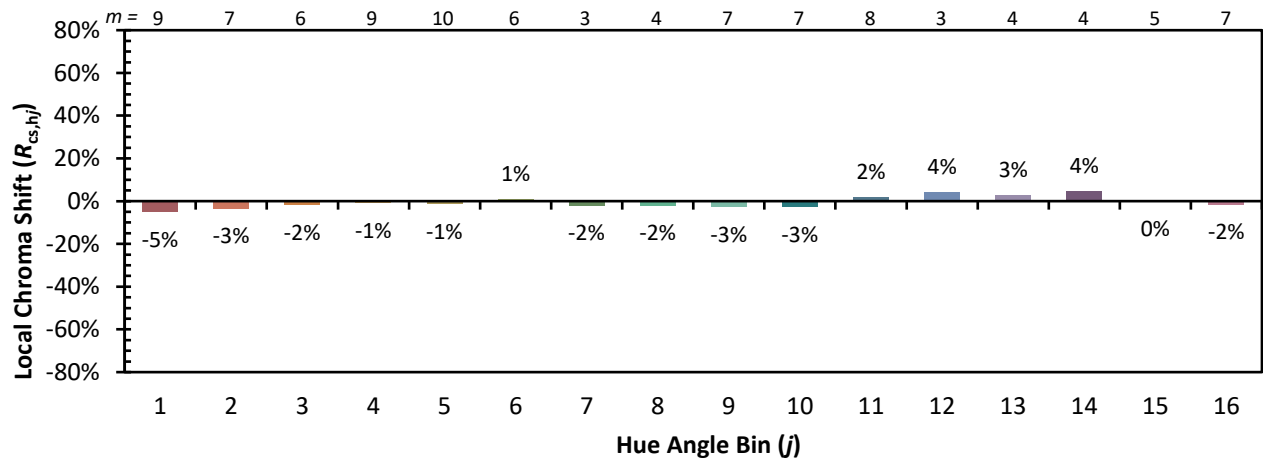
Color Vector Graphics



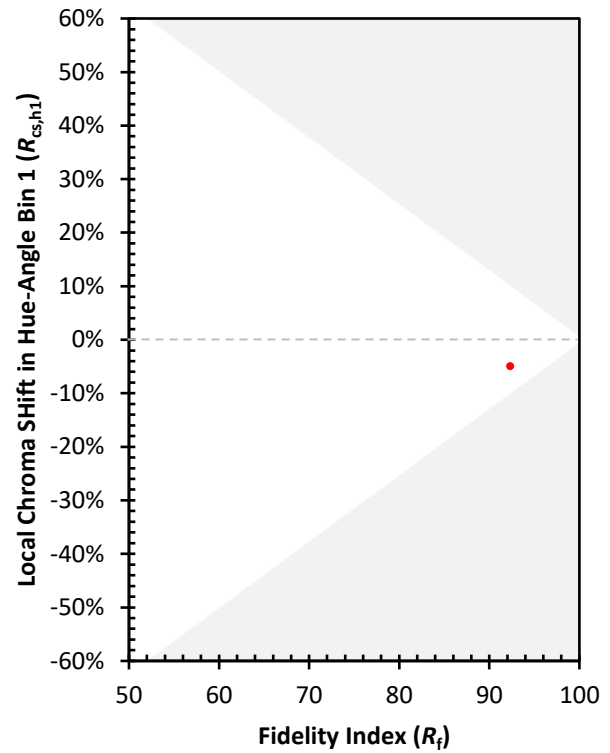
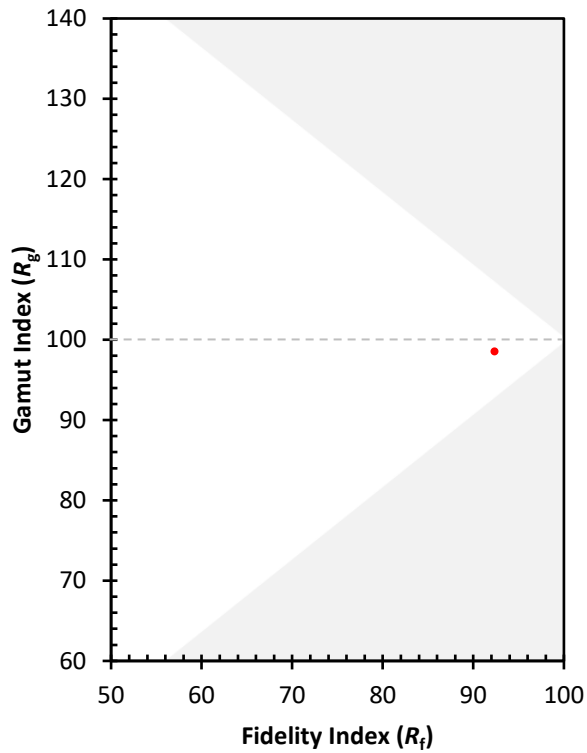
Individual Sample Fidelity Index ($R_{f,i}$)

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)