

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: P1049290

Luminaire Tested: **GALN-SA3B-927-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049290
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3B-927-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 3xLight Square PACKAGE
90CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8015.6 lumens
Efficiency: N/A
Efficacy: 75.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

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

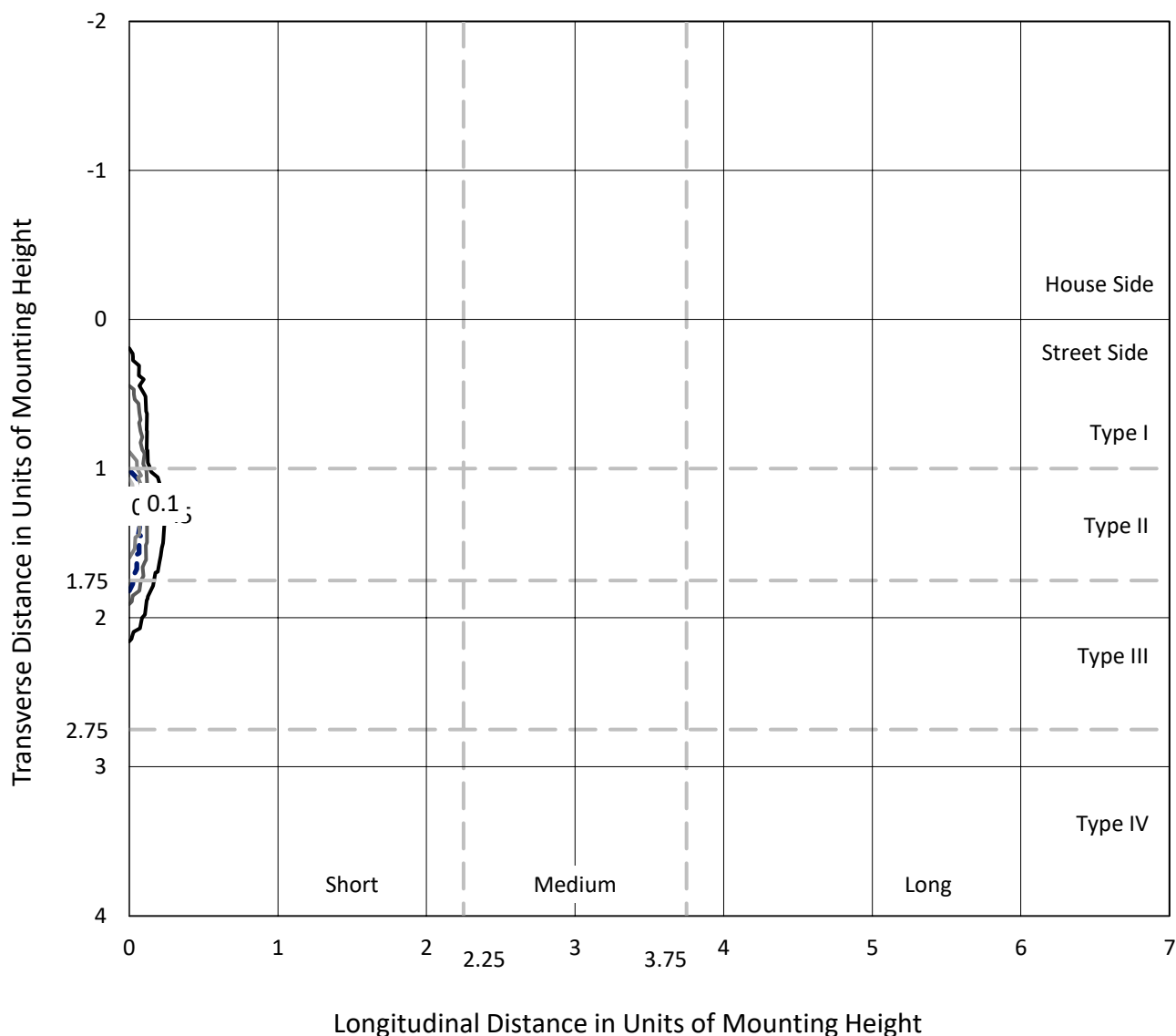
REPORT NUMBER: P1049290

CATALOG NUMBER: GALN-SA3B-927-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

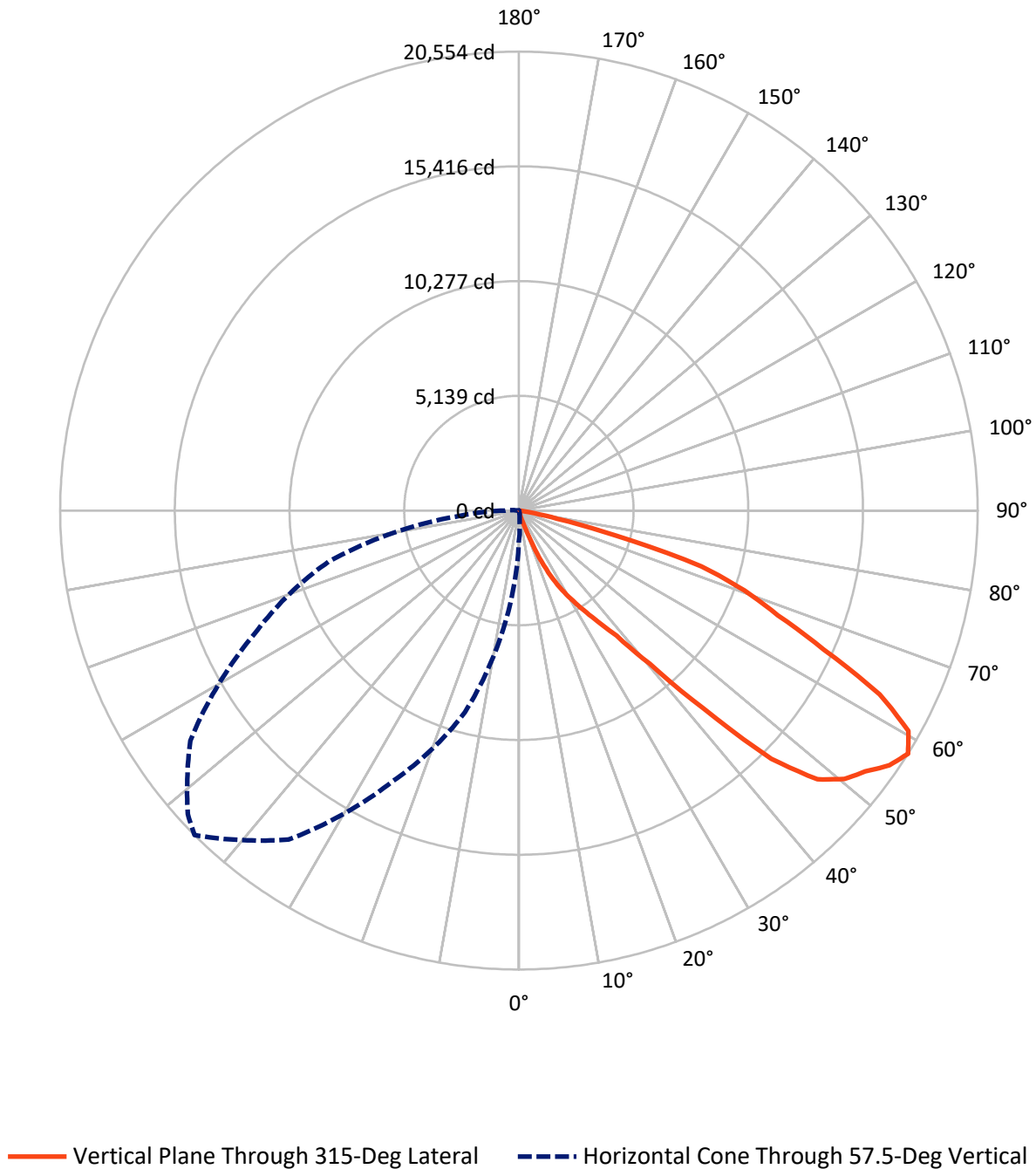


Based on 20 foot mounting height. Maximum calculated value = 1.2 fc

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	40.1	0.0	40.1
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	7975.4	0.0	7975.4
	% Fixture	99.5	0.0	99.5
Total	Lumens	8015.6	0.0	8015.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.1	0.0
10°-20°	17.6	0.2
20°-30°	190.0	2.4
30°-40°	561.7	7.0
40°-50°	1674.1	20.9
50°-60°	2654.6	33.1
60°-70°	2215.9	27.6
70°-80°	683.3	8.5
80°-90°	15.2	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	8015.6	100.0
0°-180°	8015.6	100.0

Coefficient of Utilization



REPORT NUMBER: P1049290

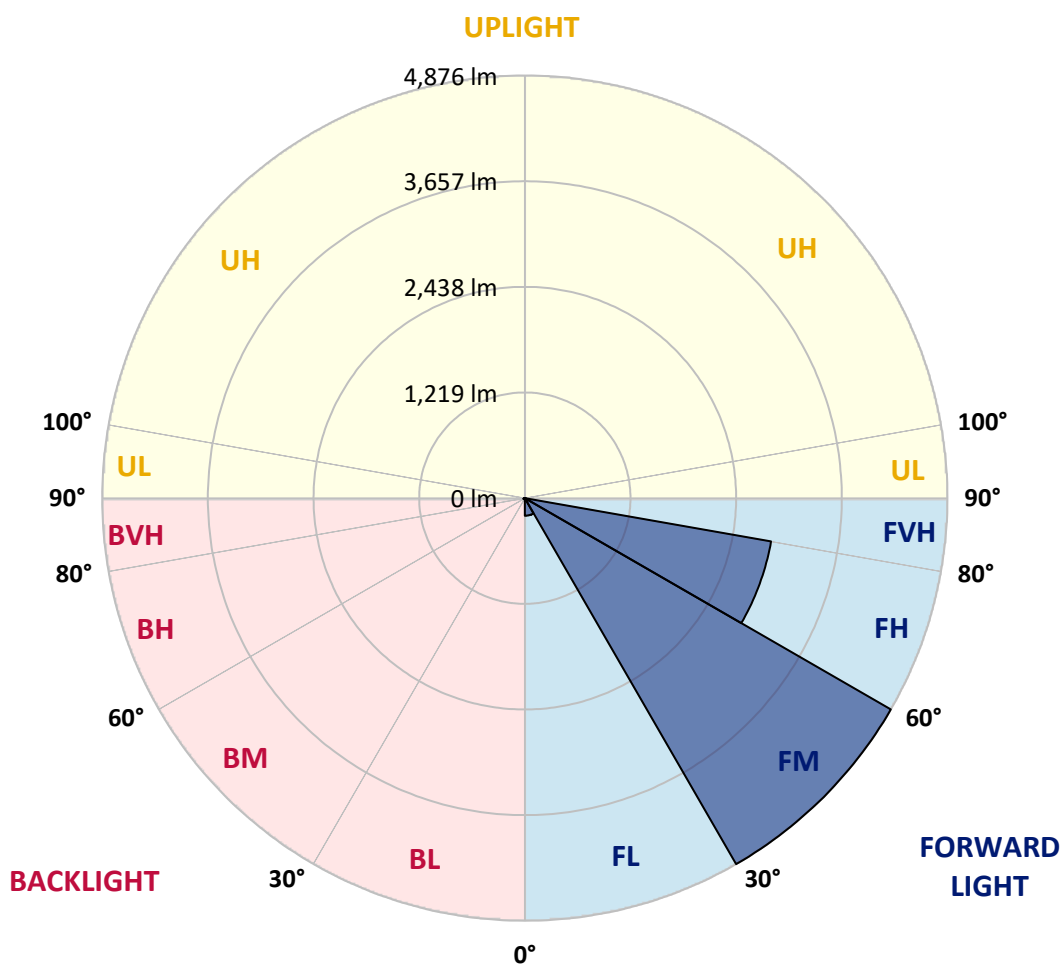
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	203.3	2.5			
FM	(30°-60°)	4876.1	60.8			
FH	(60°-80°)	2884.3	36.0			G2/5000
FVH	(80°-90°)	11.7	0.1			G1/100
BL	(0°-30°)	7.4	0.1	B0/110		
BM	(30°-60°)	14.3	0.2	B0/220		
BH	(60°-80°)	15.0	0.2	B0/110		G0/110
BVH	(80°-90°)	3.4	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°	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
2.5°	32.1	32.1	32.1	32.1	31.5	31.5	30.9	30.9	30.3	30.3
5°	33.9	33.9	33.3	32.7	32.7	32.1	31.5	30.9	30.9	30.3
7.5°	36.9	36.3	35.7	35.1	33.9	33.3	32.1	31.5	30.9	29.7
10°	40.6	39.4	38.2	36.9	35.7	34.5	33.3	32.7	31.5	30.9
12.5°	45.4	43.6	41.2	39.4	38.2	36.3	35.1	33.9	32.1	30.9
15°	49.7	47.2	44.2	41.8	40.0	37.6	35.7	33.9	32.7	30.9
17.5°	55.7	51.5	46.6	43.6	41.2	38.2	35.1	33.3	31.5	29.1
20°	66.0	57.5	48.5	44.8	41.2	37.6	33.9	31.5	29.7	27.3
22.5°	82.4	67.8	53.3	47.9	43.0	37.6	32.7	30.3	27.9	25.4
25°	113.9	87.8	61.8	54.5	47.2	40.0	32.7	29.7	27.3	24.2
27.5°	151.4	112.7	73.3	63.0	53.3	43.0	32.7	29.1	26.0	22.4
30°	189.6	138.1	86.0	72.7	59.4	46.0	32.7	28.5	24.8	20.6
32.5°	225.9	161.7	96.9	81.2	65.4	49.1	33.3	28.5	23.6	18.8
35°	262.9	181.1	98.7	82.4	66.0	49.1	32.7	27.3	22.4	17.0
37.5°	310.1	202.9	95.1	78.7	63.0	46.6	30.9	26.0	21.2	15.7
40°	381.6	239.3	96.9	80.0	63.0	46.0	29.1	24.2	20.0	15.1
42.5°	513.7	309.5	104.8	85.4	66.0	46.0	26.7	22.4	18.8	14.5
45°	888.0	514.3	140.5	111.5	82.4	53.3	24.2	20.6	17.6	13.9
47.5°	1468.9	860.7	252.6	195.0	138.1	80.6	23.6	20.6	17.6	13.9
50°	1874.7	1096.4	318.0	244.7	171.4	98.1	24.8	21.2	18.2	14.5
52.5°	1871.7	1113.3	354.4	272.0	190.2	107.8	26.0	22.4	19.4	15.7
55°	1663.9	1012.8	361.0	277.4	194.4	110.8	27.9	24.2	20.6	17.0
57.5°	1390.8	860.1	329.5	255.0	181.1	106.6	32.1	27.9	24.2	20.0
60°	1100.0	678.4	256.8	202.9	149.6	95.7	42.4	36.9	32.1	26.7
62.5°	759.6	491.9	224.1	179.9	136.3	92.1	48.5	43.0	38.2	32.7
65°	537.3	370.1	202.3	164.8	127.8	90.3	52.7	46.6	41.2	35.1
67.5°	401.6	294.4	186.6	154.5	122.4	90.3	58.1	50.9	44.2	36.9
70°	307.7	241.7	175.1	149.0	123.6	97.5	71.5	61.2	51.5	41.2
72.5°	250.8	206.6	161.7	143.0	124.2	105.4	86.6	73.3	60.0	46.0
75°	207.8	176.9	146.0	130.2	115.1	99.3	83.6	71.5	60.0	47.9
77.5°	138.1	126.0	113.3	104.2	95.1	85.4	76.3	66.0	56.3	46.0
80°	48.5	46.6	44.8	48.5	52.1	55.7	59.4	52.1	45.4	38.2
82.5°	7.3	6.7	6.1	6.7	7.3	7.9	8.5	9.1	9.7	10.3
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):

[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°	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
0.0	2.5°	29.7	29.7	29.1	29.1	29.1	28.5	28.5	27.9	27.9	27.9
0.0	5°	29.1	29.1	28.5	27.9	27.3	27.3	26.7	26.0	26.0	25.4
0.0	7.5°	28.5	27.9	27.3	26.7	26.0	25.4	24.8	24.2	24.2	23.6
0.0	10°	29.1	27.9	27.3	26.0	25.4	24.8	23.6	23.0	22.4	22.4
0.0	12.5°	27.9	27.3	26.0	24.8	24.2	23.0	22.4	21.2	20.6	20.6
0.0	15°	27.9	26.7	24.8	23.6	22.4	21.8	20.6	19.4	18.8	18.2
0.0	17.5°	26.0	24.8	23.0	21.8	20.6	19.4	18.2	17.0	16.4	15.7
0.0	20°	23.6	22.4	20.6	18.8	17.6	16.4	15.1	13.9	13.3	12.7
0.0	22.5°	21.2	20.0	18.2	16.4	15.1	13.9	12.1	10.9	10.3	9.1
0.0	25°	20.0	18.2	16.4	14.5	12.7	11.5	9.7	7.9	6.7	5.5
0.0	27.5°	17.0	15.1	13.3	11.5	9.7	7.9	6.1	4.2	3.0	2.4
0.0	30°	14.5	12.7	10.9	9.1	6.7	4.8	3.0	0.6	0.6	0.6
0.0	32.5°	12.1	10.3	7.9	6.1	4.8	3.0	1.8	0.0	0.0	0.0
0.0	35°	9.7	7.9	5.5	3.6	3.0	1.8	1.2	0.0	0.0	0.0
0.0	37.5°	8.5	6.7	4.2	1.8	1.2	1.2	0.6	0.0	0.0	0.0
0.0	40°	7.9	5.5	3.0	0.6	0.6	0.6	0.0	0.0	0.0	0.0
0.0	42.5°	7.9	5.5	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	7.9	5.5	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	7.9	5.5	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	8.5	6.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	9.7	7.3	4.8	2.4	1.8	1.2	0.6	0.0	0.0	0.0
0.0	55°	12.1	10.9	9.1	7.9	6.1	4.2	1.8	0.0	0.0	0.0
0.0	57.5°	15.7	15.7	15.1	14.5	10.9	7.3	3.6	0.0	0.0	0.0
0.0	60°	21.2	21.2	21.2	21.2	15.7	10.9	5.5	0.0	0.0	0.0
0.0	62.5°	26.0	24.8	23.0	21.8	16.4	10.9	5.5	0.0	0.0	0.0
0.0	65°	26.0	23.6	20.6	17.6	13.3	9.1	4.2	0.0	0.0	0.0
0.0	67.5°	24.2	19.4	13.9	9.1	6.7	4.8	2.4	0.0	0.0	0.0
	70°	24.2	17.0	9.7	2.4	1.8	1.2	0.6	0.0	0.0	0.0
	72.5°	24.2	16.4	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	26.7	18.2	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	26.7	18.2	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	23.6	15.7	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	7.9	5.5	2.4	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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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
0.0	2.5°	27.3	27.3	27.3	26.7	26.7	26.7	26.7	26.0	26.0	26.0
0.0	5°	24.8	24.8	24.2	24.2	23.6	23.6	23.0	23.0	22.4	22.4
0.0	7.5°	23.0	22.4	22.4	21.8	21.2	21.2	20.6	20.6	20.0	19.4
0.0	10°	21.2	20.6	20.6	20.0	19.4	18.8	18.8	18.2	17.6	17.0
0.0	12.5°	19.4	18.8	18.2	17.6	17.0	16.4	16.4	15.7	15.1	14.5
0.0	15°	17.0	16.4	15.7	15.1	14.5	13.9	13.9	13.3	12.7	12.1
0.0	17.5°	14.5	13.9	13.9	13.3	12.7	12.1	11.5	10.3	9.7	9.1
0.0	20°	10.9	10.3	9.7	9.1	8.5	7.3	6.7	5.5	4.2	3.6
0.0	22.5°	7.3	6.1	5.5	4.2	3.0	2.4	1.8	0.6	0.0	0.0
0.0	25°	2.4	1.8	1.2	0.6	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: P1049290

CATALOG NUMBER: GALN-SA3B-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049290

CATALOG NUMBER: GALN-SA3B-927-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
0.0	2.5°	25.4	25.4	25.4	24.8	24.8	24.8	24.8	24.8	24.8	24.8
0.0	5°	21.8	21.8	21.8	21.2	21.2	20.6	20.6	20.6	20.0	20.0
0.0	7.5°	18.8	18.2	18.2	17.6	17.6	17.0	17.0	17.0	16.4	16.4
0.0	10°	15.7	15.1	15.1	14.5	14.5	13.9	13.9	13.3	13.3	12.7
0.0	12.5°	13.9	13.3	12.7	12.1	12.1	11.5	10.9	10.9	10.3	9.7
0.0	15°	10.9	10.3	9.7	9.1	8.5	7.9	7.3	7.3	6.7	6.1
0.0	17.5°	7.3	6.1	5.5	4.8	4.8	4.2	3.6	3.0	2.4	1.8
0.0	20°	1.8	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049290

CATALOG NUMBER: GALN-SA3B-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049290

CATALOG NUMBER: GALN-SA3B-927-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°	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
0.0	2.5°	24.8	24.2	24.2	24.2	24.8	24.8	24.8	24.8	24.8	24.8
0.0	5°	20.0	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
0.0	7.5°	16.4	15.7	15.7	15.7	15.7	15.1	15.1	15.1	15.1	15.1
0.0	10°	12.7	12.1	12.1	12.1	12.1	11.5	11.5	11.5	11.5	11.5
0.0	12.5°	9.1	9.1	8.5	8.5	8.5	7.9	7.9	7.9	7.9	7.3
0.0	15°	5.5	4.8	4.2	4.2	4.2	3.6	3.6	3.6	3.6	3.0
0.0	17.5°	1.2	1.2	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049290

CATALOG NUMBER: GALN-SA3B-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049290

CATALOG NUMBER: GALN-SA3B-927-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
0.0	2.5°	25.4	25.4	26.0	26.0	26.7	27.9	28.5	29.1	30.3	31.5
0.0	5°	20.0	20.6	20.6	21.2	21.8	22.4	23.0	23.6	24.8	26.0
0.0	7.5°	15.7	15.7	16.4	16.4	17.0	18.2	18.8	19.4	20.6	22.4
0.0	10°	12.1	12.1	12.7	12.7	13.3	14.5	15.1	15.7	17.0	18.8
0.0	12.5°	7.9	8.5	8.5	9.1	9.7	10.9	11.5	12.1	13.3	14.5
0.0	15°	3.6	4.2	4.2	4.8	5.5	6.7	7.3	7.9	9.1	10.9
0.0	17.5°	0.6	0.6	1.2	1.2	1.8	2.4	3.0	3.6	5.5	6.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.4
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049290

CATALOG NUMBER: GALN-SA3B-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049290

CATALOG NUMBER: GALN-SA3B-927-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°	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
0.0	2.5°	33.3	34.5	35.7	36.9	38.2	39.4	40.0	41.2	41.8	42.4
0.0	5°	28.5	29.7	31.5	32.7	33.9	35.1	36.3	36.9	37.6	38.2
0.0	7.5°	24.8	26.0	27.9	29.1	30.3	31.5	32.7	33.9	34.5	35.1
0.0	10°	21.2	23.0	24.2	26.0	27.3	28.5	29.7	30.9	32.1	32.7
0.0	12.5°	17.0	18.8	20.6	21.8	23.6	25.4	26.7	27.9	29.1	30.3
0.0	15°	13.3	15.1	17.0	18.2	20.0	21.8	23.6	24.8	26.0	27.3
0.0	17.5°	9.7	11.5	13.3	14.5	16.4	18.2	19.4	21.2	22.4	23.6
0.0	20°	4.8	6.7	8.5	10.3	12.1	13.9	15.1	17.0	18.2	19.4
0.0	22.5°	0.6	2.4	4.2	5.5	7.3	9.1	10.3	12.1	13.3	14.5
0.0	25°	0.0	0.6	1.8	2.4	3.0	4.2	5.5	6.7	7.9	9.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.6	1.2	2.4	3.6	4.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
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	0.6
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	1.2
	85°	0.0	0.0	0.0	0.0	0.0	1.2	1.8	3.0	3.6	4.2
	87.5°	0.0	0.6	1.2	1.8	2.4	3.6	4.8	6.1	6.7	7.3
	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: P1049290

CATALOG NUMBER: GALN-SA3B-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
35.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	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											
0.6											
2.4											
5.5											
7.9											
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REPORT NUMBER: P1049290

CATALOG NUMBER: GALN-SA3B-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
0.0	2.5°	43.0	43.0	43.0	43.0	42.4	42.4	42.4	41.8	41.8	41.2
0.0	5°	39.4	40.0	40.0	40.0	40.0	40.0	40.0	40.0	39.4	39.4
0.0	7.5°	36.3	36.9	37.6	37.6	38.2	38.2	38.2	37.6	37.6	36.9
0.0	10°	34.5	35.1	35.1	35.7	35.7	35.7	35.7	35.7	35.7	35.7
0.0	12.5°	32.1	32.7	33.3	33.3	33.9	33.9	33.9	33.9	33.3	33.3
0.0	15°	29.1	30.3	30.9	31.5	31.5	32.1	32.1	32.1	32.1	32.1
0.0	17.5°	26.7	27.9	28.5	29.1	29.1	29.7	29.7	30.3	30.3	30.3
0.0	20°	21.8	23.0	23.6	24.8	25.4	26.0	26.7	27.3	27.3	27.9
0.0	22.5°	17.0	18.2	18.8	20.0	20.6	21.2	21.8	22.4	23.0	23.6
0.0	25°	12.1	13.3	13.9	15.1	15.7	16.4	17.0	17.6	17.6	18.2
0.0	27.5°	6.7	7.9	9.1	9.7	10.9	11.5	12.1	12.7	13.3	13.9
0.0	30°	3.0	3.6	4.2	5.5	6.1	6.7	7.3	8.5	9.1	9.7
0.0	32.5°	0.0	0.0	0.6	1.8	2.4	3.0	3.6	4.2	4.2	4.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.8	2.4
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	1.2	1.2	1.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	82.5°	3.0	3.6	4.2	4.2	4.8	4.8	4.8	4.8	4.2	4.2
	85°	6.1	6.7	7.3	7.3	7.9	7.9	7.9	7.9	7.9	7.9
	87.5°	8.5	9.1	9.7	9.7	10.3	10.3	10.3	10.3	10.3	10.3
	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: P1049290

CATALOG NUMBER: GALN-SA3B-927-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
35.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	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											
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1.8											
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REPORT NUMBER: P1049290

CATALOG NUMBER: GALN-SA3B-927-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°	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
0.0	2.5°	40.6	40.6	40.0	40.0	40.0	40.0	40.0	40.6	41.2	41.2
0.0	5°	38.8	38.8	38.2	38.2	38.2	38.8	38.8	39.4	40.0	40.6
0.0	7.5°	36.9	36.3	36.3	36.9	36.9	37.6	37.6	38.2	38.8	39.4
0.0	10°	35.7	35.1	35.1	35.1	35.7	35.7	36.3	36.9	37.6	38.2
0.0	12.5°	33.3	33.3	33.3	33.3	33.9	33.9	34.5	35.1	36.3	36.9
0.0	15°	32.1	31.5	31.5	31.5	31.5	32.1	32.1	33.3	34.5	35.1
0.0	17.5°	29.7	29.7	29.1	29.1	29.7	29.7	30.3	31.5	32.7	33.3
0.0	20°	27.3	26.7	26.0	26.0	26.7	26.7	27.3	28.5	29.7	30.3
0.0	22.5°	23.6	23.0	23.0	23.0	23.0	23.6	23.6	24.8	26.7	27.9
0.0	25°	18.8	19.4	19.4	20.0	20.0	20.6	21.2	22.4	24.2	25.4
0.0	27.5°	14.5	15.1	15.1	16.4	17.0	17.6	18.2	20.0	21.8	23.0
0.0	30°	10.9	11.5	12.1	12.7	13.9	15.1	16.4	18.2	20.0	21.2
0.0	32.5°	6.7	7.9	8.5	9.7	10.9	12.1	13.3	15.1	17.6	19.4
0.0	35°	4.8	5.5	6.7	7.3	8.5	9.7	10.9	13.3	15.1	17.6
0.0	37.5°	2.4	3.6	4.8	6.1	7.3	8.5	9.7	12.1	14.5	16.4
0.0	40°	1.8	3.0	3.6	4.8	6.7	7.9	9.1	11.5	13.9	16.4
0.0	42.5°	1.2	1.8	2.4	4.2	5.5	7.3	9.1	11.5	13.9	16.4
0.0	45°	1.2	1.2	1.8	3.6	5.5	7.9	9.7	12.1	13.9	16.4
0.0	47.5°	1.2	1.8	2.4	4.8	6.1	7.9	9.7	11.5	13.9	15.7
0.0	50°	1.8	2.4	3.0	5.5	6.7	8.5	9.7	12.1	13.9	16.4
0.0	52.5°	1.2	1.8	2.4	4.8	6.7	9.1	10.9	13.3	15.7	17.6
0.0	55°	0.6	0.6	0.6	3.6	7.3	10.3	13.9	15.7	18.2	20.0
0.0	57.5°	0.0	0.0	0.0	2.4	7.3	11.5	15.7	18.2	20.6	22.4
0.0	60°	0.0	0.0	0.0	2.4	7.3	11.5	15.7	18.8	21.8	24.8
0.0	62.5°	0.0	0.0	0.0	2.4	6.1	9.7	13.3	18.2	23.6	28.5
0.0	65°	0.0	0.0	0.0	1.8	4.8	7.9	10.9	18.2	25.4	32.1
0.0	67.5°	0.0	0.0	0.0	1.8	4.8	7.3	10.3	18.2	25.4	33.3
	70°	0.0	0.0	0.0	1.8	4.8	7.9	10.9	18.2	25.4	32.7
	72.5°	0.0	0.0	0.0	1.8	5.5	8.5	12.1	18.2	24.2	30.3
	75°	0.0	0.0	0.0	2.4	5.5	9.1	12.7	18.2	23.6	28.5
	77.5°	0.0	0.0	0.0	1.8	5.5	8.5	12.1	17.6	23.0	27.9
	80°	1.8	1.2	1.2	3.0	5.5	7.9	10.3	15.7	21.8	27.3
	82.5°	3.6	3.6	3.0	4.2	5.5	7.3	9.1	13.9	19.4	24.2
	85°	7.3	7.3	6.7	7.3	7.3	7.9	8.5	10.9	13.3	15.7
	87.5°	9.7	9.7	9.1	9.1	9.1	8.5	8.5	8.5	8.5	7.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049290

CATALOG NUMBER: GALN-SA3B-927-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
35.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.0											
36.3											
33.9											
33.3											
32.7											
29.1											
18.2											
7.9											
0.0											
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REPORT NUMBER: P1049290

CATALOG NUMBER: GALN-SA3B-927-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
0.0	2.5°	42.4	43.0	43.0	43.6	44.2	44.8	44.8	45.4	45.4	45.4
0.0	5°	41.8	43.0	43.6	44.2	44.8	45.4	46.0	46.6	47.2	47.2
0.0	7.5°	41.2	41.8	43.0	43.6	44.8	45.4	46.6	47.2	47.9	48.5
0.0	10°	40.0	41.2	42.4	43.6	44.8	46.0	47.2	48.5	49.7	50.3
0.0	12.5°	38.8	40.6	41.8	43.0	44.8	46.6	47.9	49.7	50.9	52.1
0.0	15°	38.2	39.4	41.2	42.4	44.8	47.2	49.1	51.5	53.9	55.7
0.0	17.5°	36.3	38.8	40.6	42.4	44.8	47.9	50.3	52.7	56.3	60.0
0.0	20°	33.9	35.7	38.2	40.0	43.6	46.6	50.3	53.3	58.8	64.2
0.0	22.5°	31.5	33.9	35.7	38.2	42.4	46.0	50.3	53.9	63.0	71.5
0.0	25°	29.1	32.1	34.5	36.9	41.8	46.6	51.5	56.3	71.5	86.6
0.0	27.5°	27.9	30.3	33.3	35.7	41.8	48.5	54.5	60.6	84.8	108.4
0.0	30°	26.0	29.1	31.5	34.5	42.4	50.3	58.1	66.0	103.0	139.9
0.0	32.5°	24.2	27.3	30.3	33.3	43.6	53.9	63.6	73.9	122.4	170.2
0.0	35°	22.4	26.0	29.1	32.1	45.4	59.4	72.7	86.0	139.9	193.2
0.0	37.5°	21.8	25.4	28.5	31.5	46.0	60.0	74.5	88.4	141.7	195.0
0.0	40°	22.4	25.4	29.1	32.1	44.2	56.3	67.8	80.0	135.7	190.8
0.0	42.5°	22.4	26.0	29.7	33.3	43.0	52.7	62.4	72.1	133.9	195.7
0.0	45°	21.8	25.4	29.1	32.7	41.8	50.3	59.4	67.8	144.8	221.1
0.0	47.5°	21.2	24.8	28.5	32.1	41.2	50.3	59.4	68.4	187.2	305.3
0.0	50°	21.2	24.8	27.9	30.9	41.8	53.3	64.2	75.1	272.6	469.4
0.0	52.5°	22.4	25.4	27.9	30.3	43.0	56.3	69.1	81.8	346.5	610.6
0.0	55°	24.2	26.0	28.5	30.3	46.0	61.2	76.9	92.1	368.9	645.7
0.0	57.5°	26.7	28.5	30.3	32.1	51.5	70.9	89.6	109.0	370.7	631.8
0.0	60°	29.7	32.1	33.9	35.7	56.3	77.5	98.1	118.7	335.6	551.8
0.0	62.5°	36.3	39.4	41.8	44.8	64.8	84.2	104.2	123.6	278.6	433.7
0.0	65°	41.8	44.2	46.6	49.1	68.4	88.4	107.8	127.2	236.2	345.3
0.0	67.5°	43.0	45.4	47.2	49.7	69.7	89.6	109.0	129.0	202.3	275.0
	70°	43.6	46.6	50.3	53.3	73.9	94.5	114.5	135.1	179.3	223.5
	72.5°	41.8	47.9	53.3	58.8	78.1	96.9	116.3	135.1	166.6	198.1
	75°	41.8	50.3	58.1	66.0	80.6	94.5	109.0	123.0	147.2	171.4
	77.5°	44.2	55.1	66.0	76.9	85.4	93.3	101.8	109.6	125.4	141.1
	80°	44.2	55.7	66.6	78.1	81.8	86.0	89.6	93.3	95.1	96.9
	82.5°	38.2	47.2	56.3	65.4	61.2	56.9	52.7	48.5	45.4	41.8
	85°	19.4	21.2	22.4	23.6	21.8	20.0	18.2	16.4	15.1	13.3
	87.5°	7.9	7.9	7.3	7.3	7.3	7.3	6.7	6.7	6.7	6.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049290

CATALOG NUMBER: GALN-SA3B-927-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
35.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
242.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
303.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
344.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
375.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
406.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
467.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
588.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
896.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1373.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1728.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1768.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1595.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1364.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1066.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
805.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
594.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
421.0											
313.2											
227.8											
171.4											
96.3											
43.6											
12.7											
6.1											
0.0											
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REPORT NUMBER: P1049290

CATALOG NUMBER: GALN-SA3B-927-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°	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
0.0	2.5°	45.4	44.8	44.8	44.2	43.6	43.0	42.4	41.8	41.2	40.6
0.0	5°	47.2	47.2	47.2	46.6	46.6	46.0	46.0	45.4	44.8	44.2
0.0	7.5°	49.1	49.7	49.7	50.3	50.3	50.3	50.3	49.7	49.7	49.7
0.0	10°	52.1	52.7	53.3	53.9	54.5	55.1	55.1	55.7	55.7	55.7
0.0	12.5°	55.7	57.5	58.8	60.6	61.8	63.6	64.8	66.6	67.8	69.1
0.0	15°	61.2	64.2	67.8	70.9	73.9	78.1	83.0	87.2	91.5	98.1
0.0	17.5°	69.1	78.7	88.4	97.5	107.2	128.4	149.6	170.2	191.4	222.3
0.0	20°	84.2	113.3	141.7	170.8	199.3	273.8	347.7	422.2	496.1	575.4
0.0	22.5°	118.1	189.6	261.1	332.5	404.0	559.7	714.8	870.4	1025.5	1207.8
0.0	25°	171.4	302.9	434.3	565.1	696.6	940.1	1184.2	1427.7	1671.2	1908.0
0.0	27.5°	249.6	450.7	651.8	852.3	1053.4	1383.5	1714.2	2044.3	2374.5	2642.2
0.0	30°	345.9	618.4	891.0	1163.6	1436.2	1811.7	2187.3	2562.2	2937.8	3230.4
0.0	32.5°	436.7	770.5	1104.2	1437.4	1771.2	2198.8	2627.0	3054.7	3482.3	3802.2
0.0	35°	496.1	899.5	1303.5	1706.9	2110.4	2573.1	3035.9	3498.1	3960.9	4326.1
0.0	37.5°	555.5	1021.3	1486.5	1952.3	2417.5	2925.7	3433.9	3942.1	4450.3	4901.6
0.0	40°	622.1	1168.5	1714.2	2260.6	2806.3	3408.4	4009.9	4612.0	5213.5	5850.1
0.0	42.5°	737.8	1412.6	2087.9	2762.7	3437.5	4234.0	5030.6	5826.5	6623.0	7531.6
0.0	45°	955.2	1906.2	2857.8	3808.8	4759.8	5815.0	6870.8	7926.0	8981.1	10190.2
0.0	47.5°	1487.7	2796.0	4103.8	5412.2	6720.0	7859.3	8998.1	10137.5	11276.3	12480.4
0.0	50°	2276.3	3799.1	5321.9	6844.1	8366.9	9397.9	10428.2	11459.2	12489.5	13635.0
0.0	52.5°	2846.9	4433.3	6020.3	7606.7	9193.2	10123.6	11054.6	11985.0	12915.4	13985.7
0.0	55°	2889.9	4467.3	6045.2	7622.5	9199.8	10134.5	11069.1	12003.7	12938.4	14072.9
0.0	57.5°	2558.6	4123.2	5687.2	7251.8	8815.8	9880.0	10943.7	12008.0	13071.6	14298.2
0.0	60°	2176.4	3741.6	5306.2	6871.4	8436.0	9662.0	10888.6	12114.6	13340.6	14489.6
0.0	62.5°	1697.9	3307.9	4918.5	6528.5	8138.6	9383.3	10628.1	11872.3	13117.1	13979.0
0.0	65°	1265.4	2828.8	4392.1	5954.9	7518.3	8515.3	9512.4	10508.8	11505.8	12039.5
0.0	67.5°	914.7	2263.0	3610.8	4959.1	6306.9	7020.4	7733.9	8446.9	9160.4	9568.7
	70°	618.4	1552.5	2485.9	3419.9	4353.4	4939.7	5526.7	6113.0	6699.4	7250.6
	72.5°	428.3	952.8	1478.0	2002.5	2527.1	3117.1	3706.5	4296.4	4885.8	5469.1
	75°	284.1	522.7	762.0	1000.7	1239.3	1676.1	2113.4	2550.1	2986.9	3334.5
	77.5°	201.7	273.2	345.3	416.7	488.2	570.0	652.4	734.1	815.9	940.1
	80°	95.7	104.8	113.9	122.4	131.4	161.1	190.8	220.5	250.2	281.7
	82.5°	45.4	49.1	52.7	55.7	59.4	62.4	65.4	68.4	71.5	68.4
	85°	12.1	12.1	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.1
	87.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	4.8	4.8	4.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049290

CATALOG NUMBER: GALN-SA3B-927-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
35.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
252.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
655.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1390.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2144.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2909.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3523.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4122.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4691.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5353.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6486.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8440.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11399.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13684.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14780.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15056.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15208.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15524.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15638.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14841.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12573.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9977.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7801.2											
6052.4											
3682.2											
1064.3											
313.2											
64.8											
11.5											
4.2											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049290

CATALOG NUMBER: GALN-SA3B-927-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
0.0	2.5°	39.4	38.8	38.2	37.6	36.9	35.7	35.7	35.1	35.1
0.0	5°	43.0	42.4	41.8	41.2	41.2	40.6	40.0	40.0	39.4
0.0	7.5°	49.1	48.5	47.9	47.2	47.2	46.6	46.6	46.0	46.0
0.0	10°	56.3	56.3	56.3	56.3	56.3	55.7	55.7	55.7	55.1
0.0	12.5°	70.9	71.5	72.7	73.9	75.7	75.7	75.7	75.1	75.1
0.0	15°	112.1	118.7	123.6	128.4	132.7	142.3	141.1	139.3	138.1
0.0	17.5°	283.5	313.8	330.1	345.9	362.2	407.0	399.8	392.5	385.8
0.0	20°	734.7	814.1	866.8	919.5	972.8	1057.0	1036.4	1015.8	995.2
0.0	22.5°	1571.9	1754.2	1833.5	1912.9	1991.6	2093.4	2027.4	1961.4	1895.9
0.0	25°	2381.1	2618.0	2751.8	2885.7	3019.0	3077.1	2991.1	2904.5	2818.5
0.0	27.5°	3177.7	3445.4	3563.5	3681.0	3799.1	3920.9	3814.3	3707.1	3600.5
0.0	30°	3816.1	4108.7	4236.5	4363.7	4491.5	4576.3	4466.0	4355.2	4244.9
0.0	32.5°	4442.4	4762.2	4902.2	5042.1	5181.4	5303.2	5167.5	5031.2	4895.5
0.0	35°	5056.0	5421.3	5613.9	5806.5	5999.1	6112.4	5951.3	5789.6	5628.4
0.0	37.5°	5804.7	6256.0	6471.6	6687.2	6902.9	7109.4	6932.0	6753.9	6576.4
0.0	40°	7123.4	7760.0	8090.7	8422.1	8752.8	9019.3	8795.2	8571.1	8346.9
0.0	42.5°	9348.8	10257.4	10732.9	11207.8	11683.3	12099.4	11863.8	11628.2	11392.6
0.0	45°	12608.3	13817.3	14397.0	14976.0	15555.7	15859.8	15520.6	15180.8	14841.6
0.0	47.5°	14888.2	16092.4	16608.5	17124.6	17640.6	17987.7	17572.8	17157.9	16743.6
0.0	50°	15925.2	17070.7	17588.6	18105.8	18623.7	18899.4	18420.2	17940.5	17461.4
0.0	52.5°	16125.7	17196.0	17813.9	18432.3	19050.2	19418.5	18852.7	18286.4	17720.6
0.0	55°	16342.6	17477.1	18193.7	18910.9	19627.4	20137.5	19497.8	18857.6	18217.9
0.0	57.5°	16750.8	17977.4	18692.2	19406.3	20121.1	20554.2	19912.7	19270.7	18629.2
0.0	60°	16787.2	17935.6	18549.8	19164.7	19778.9	20051.5	19437.8	18823.6	18210.0
0.0	62.5°	15703.5	16565.5	16991.9	17418.3	17844.8	18141.0	17500.7	16859.9	16219.6
0.0	65°	13107.4	13641.0	13980.8	14320.6	14660.5	15013.6	14427.3	13840.9	13254.6
0.0	67.5°	10385.8	10794.1	11241.7	11689.4	12137.0	12514.4	12044.9	11574.9	11105.4
	70°	8352.4	8903.0	9406.4	9909.7	10413.1	10722.0	10250.8	9778.9	9307.6
	72.5°	6635.8	7219.1	7639.5	8059.2	8479.6	8555.3	8208.8	7862.4	7516.5
	75°	4029.3	4377.0	4385.5	4393.4	4401.8	4473.9	4186.8	3899.7	3613.2
	77.5°	1188.4	1312.6	1415.0	1516.7	1619.1	1742.7	1637.3	1531.3	1425.9
	80°	344.1	375.6	402.2	428.3	454.9	439.2	414.3	389.5	364.6
	82.5°	61.8	58.1	57.5	56.9	56.9	53.9	49.1	44.2	39.4
	85°	10.9	10.3	9.7	9.1	8.5	7.9	6.7	6.1	4.8
	87.5°	3.6	3.0	2.4	1.8	1.8	0.6	0.6	0.6	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



REPORT NUMBER: P1049290

CATALOG NUMBER: GALN-SA3B-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049290

CATALOG NUMBER: GALN-SA3B-927-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°	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
0.0	0.0	2.5°	34.5	33.9	33.9	33.9	33.9	33.3	33.3	33.3	33.3
0.0	0.0	5°	38.2	38.2	37.6	37.6	36.9	36.9	36.3	36.3	35.7
0.0	0.0	7.5°	44.8	44.2	43.6	43.0	42.4	41.2	40.6	40.0	40.0
0.0	0.0	10°	53.9	52.7	52.1	50.9	50.3	49.1	47.9	46.6	45.4
0.0	0.0	12.5°	70.9	68.4	66.6	64.2	61.8	60.0	57.5	55.7	53.3
0.0	0.0	15°	123.0	116.9	110.2	102.4	93.9	86.0	77.5	72.7	67.2
0.0	0.0	17.5°	314.4	282.9	250.8	224.7	198.7	173.2	147.2	128.4	109.6
0.0	0.0	20°	800.2	712.9	625.7	539.7	453.1	367.1	280.5	236.8	193.2
0.0	0.0	22.5°	1505.8	1344.1	1181.8	1024.9	867.4	710.5	553.6	454.9	356.8
0.0	0.0	25°	2324.2	2120.7	1917.1	1659.1	1400.4	1142.4	884.4	723.8	563.3
0.0	0.0	27.5°	3024.4	2790.0	2555.6	2241.8	1928.0	1614.3	1300.5	1061.2	822.6
0.0	0.0	30°	3630.7	3378.8	3126.8	2761.5	2396.3	2031.0	1665.8	1366.5	1067.3
0.0	0.0	32.5°	4156.5	3854.9	3553.2	3176.4	2799.7	2422.9	2046.2	1679.1	1312.0
0.0	0.0	35°	4762.8	4410.9	4058.4	3640.4	3221.9	2803.9	2386.0	1971.6	1556.7
0.0	0.0	37.5°	5533.3	5101.5	4669.0	4203.2	3737.3	3272.1	2806.3	2332.7	1859.0
0.0	0.0	40°	7008.3	6451.0	5893.7	5301.9	4709.5	4117.7	3525.9	2944.4	2362.9
0.0	0.0	42.5°	9651.1	8898.2	8145.2	7357.8	6569.7	5782.3	4994.2	4174.1	3353.3
0.0	0.0	45°	12633.7	11699.7	10765.0	9881.3	8996.9	8113.1	7229.4	6103.9	4978.5
0.0	0.0	47.5°	14311.0	13302.4	12293.9	11457.4	10620.9	9784.3	8947.8	7734.6	6521.3
0.0	0.0	50°	14928.2	13901.5	12874.8	12104.9	11334.4	10564.5	9794.0	8578.9	7363.2
0.0	0.0	52.5°	15059.6	14012.3	12965.0	12190.3	11415.6	10641.4	9866.7	8659.5	7452.3
0.0	0.0	55°	15329.8	14206.2	13081.9	12198.8	11315.6	10432.5	9549.3	8322.7	7096.1
0.0	0.0	57.5°	15682.9	14530.8	13378.7	12372.6	11366.5	10361.0	9354.9	8013.8	6672.7
0.0	0.0	60°	15590.3	14587.8	13584.7	12507.1	11428.9	10351.3	9273.1	7798.2	6322.6
0.0	0.0	62.5°	13981.4	13183.1	12384.1	11498.0	10611.2	9725.0	8838.8	7320.2	5801.7
0.0	0.0	65°	11502.2	10919.5	10336.8	9623.8	8910.3	8197.3	7484.4	6122.7	4761.6
0.0	0.0	67.5°	9322.2	8665.6	8008.3	7440.2	6871.4	6303.2	5734.4	4662.9	3591.4
		70°	7406.3	6692.1	5977.3	5422.5	4867.0	4312.2	3757.3	3045.0	2333.3
		72.5°	5881.6	5237.7	4593.8	4002.1	3409.6	2817.9	2225.4	1804.5	1383.5
		75°	2811.2	2553.8	2296.3	1986.8	1677.3	1367.7	1058.2	874.7	691.7
		77.5°	1041.9	903.1	763.8	637.8	511.8	386.5	260.5	238.7	216.9
		80°	269.5	235.0	199.9	175.1	149.6	124.8	99.9	90.3	81.2
		82.5°	30.9	28.5	26.7	25.4	23.6	22.4	20.6	18.8	17.0
		85°	1.8	1.2	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



REPORT NUMBER: P1049290

CATALOG NUMBER: GALN-SA3B-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049290

CATALOG NUMBER: GALN-SA3B-927-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	35.1	35.1
0.0	0.0	2.5°	32.7	32.1
0.0	0.0	5°	34.5	33.9
0.0	0.0	7.5°	38.2	36.9
0.0	0.0	10°	41.8	40.6
0.0	0.0	12.5°	47.2	45.4
0.0	0.0	15°	53.3	49.7
0.0	0.0	17.5°	63.6	55.7
0.0	0.0	20°	86.0	66.0
0.0	0.0	22.5°	121.1	82.4
0.0	0.0	25°	178.1	113.9
0.0	0.0	27.5°	247.7	151.4
0.0	0.0	30°	329.5	189.6
0.0	0.0	32.5°	401.6	225.9
0.0	0.0	35°	495.5	262.9
0.0	0.0	37.5°	611.2	310.1
0.0	0.0	40°	790.5	381.6
0.0	0.0	42.5°	1113.3	513.7
0.0	0.0	45°	1808.1	888.0
0.0	0.0	47.5°	2782.1	1468.9
0.0	0.0	50°	3403.6	1874.7
0.0	0.0	52.5°	3454.5	1871.7
0.0	0.0	55°	3153.4	1663.9
0.0	0.0	57.5°	2690.6	1390.8
0.0	0.0	60°	2236.4	1100.0
0.0	0.0	62.5°	1762.1	759.6
0.0	0.0	65°	1287.8	537.3
0.0	0.0	67.5°	924.9	401.6
		70°	608.2	307.7
		72.5°	396.1	250.8
		75°	266.5	207.8
		77.5°	155.7	138.1
		80°	55.1	48.5
		82.5°	10.3	7.3
		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: P1049290

CATALOG NUMBER: GALN-SA3B-927-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: SP1-2407-184-13

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-927-U-5WQ

Data in this report applies to families of products including GSS-SB1A-927-U-5WQ

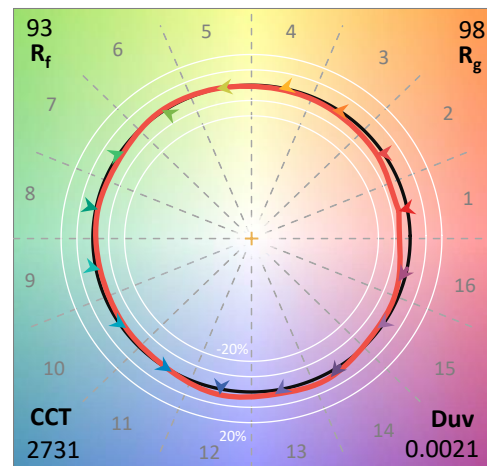
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-13
 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-927-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2731
 CIE u' : 0.2605
 CIE v' : 0.5298
 Duv: 0.0021
 CIE x: 0.4610
 CIE y: 0.4166
 CIE z: 0.1224
 Peak Wavelength (nm): 622
 Dominant Wavelength (nm): 583
 Purity: 63.43685
 R_f: 92.6
 R_g: 98

CRI (Ra): 91.8
 R1: 91.4
 R2: 95.1
 R3: 97.6
 R4: 92.3
 R5: 91.1
 R6: 94.7
 R7: 92.3
 R8: 80.0
 R9: 54.7
 R10: 87.7
 R11: 92.9
 R12: 84.0
 R13: 92.2
 R14: 97.8
 R15: 86.8



Test Conditions

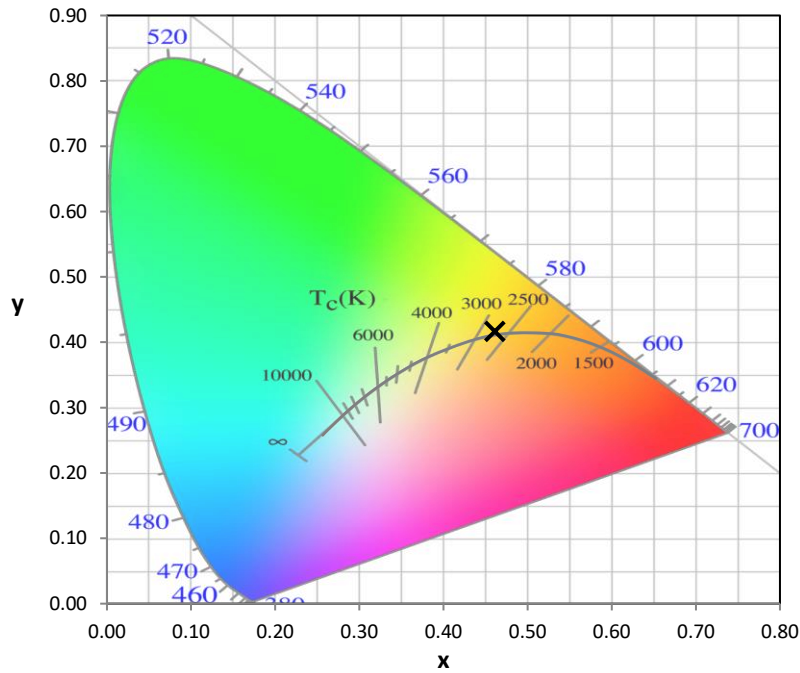
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-13

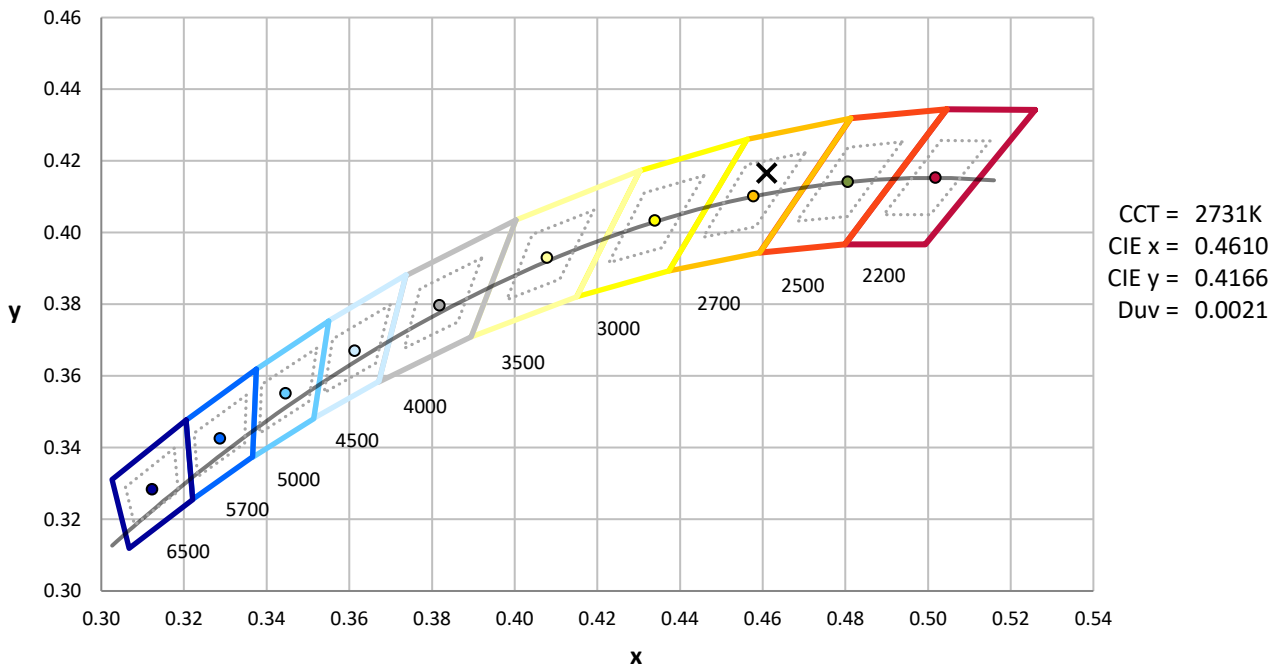
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-13

CIE 1931 Chromaticity Diagram



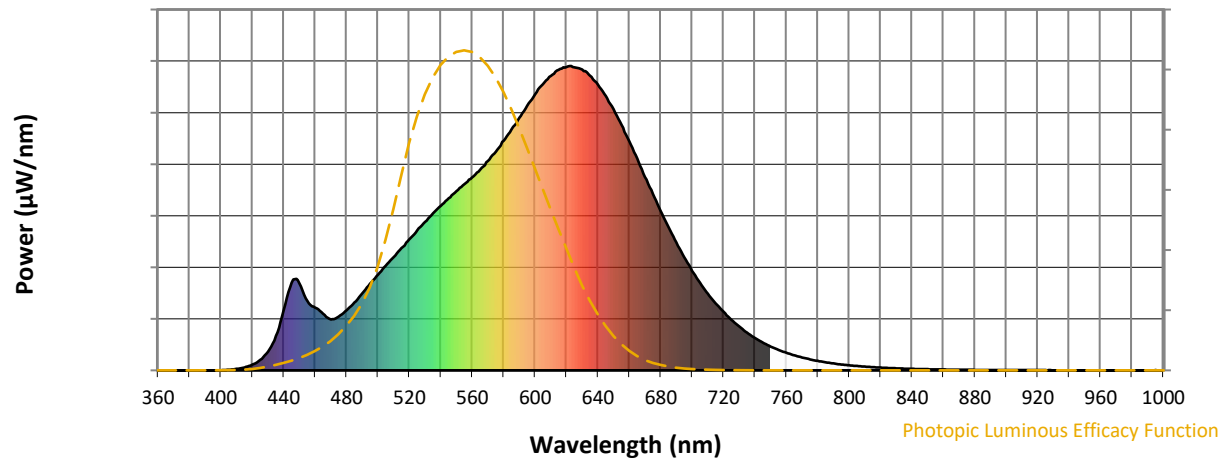
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-13

Photopic Flux vs. Wavelength

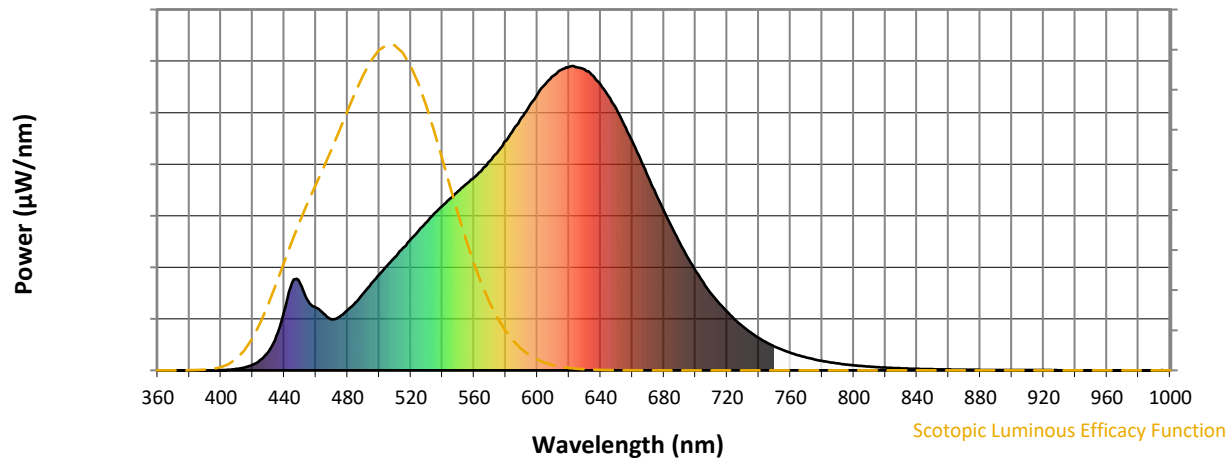


Photopic Lumens: NR

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-13

Scotopic Flux vs. Wavelength



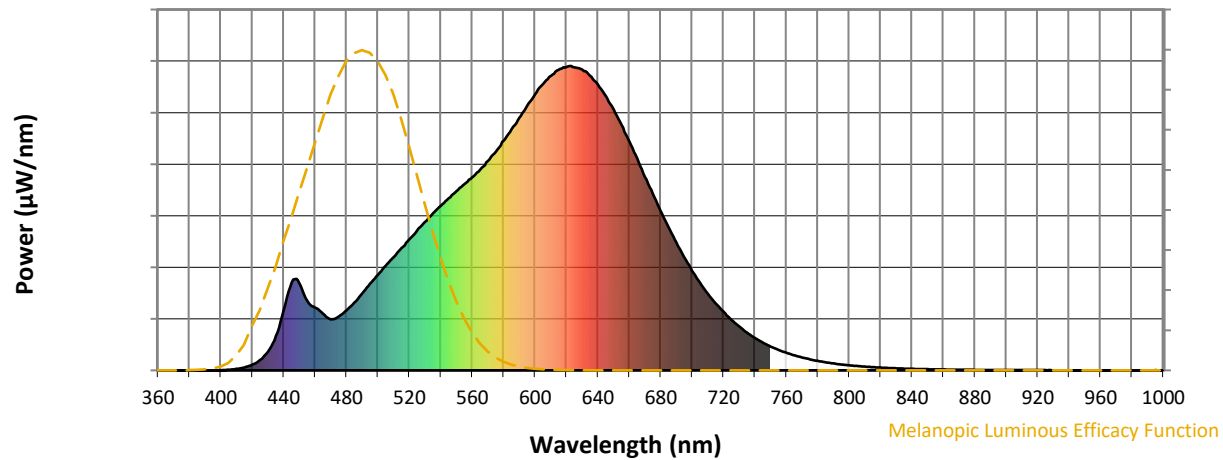
Scotopic Lumens: NR

S/P: 1.27

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-13

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.38

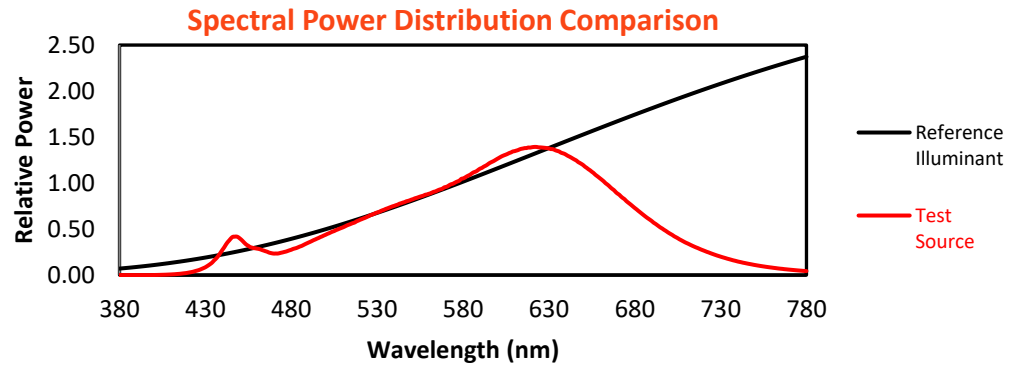
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-13

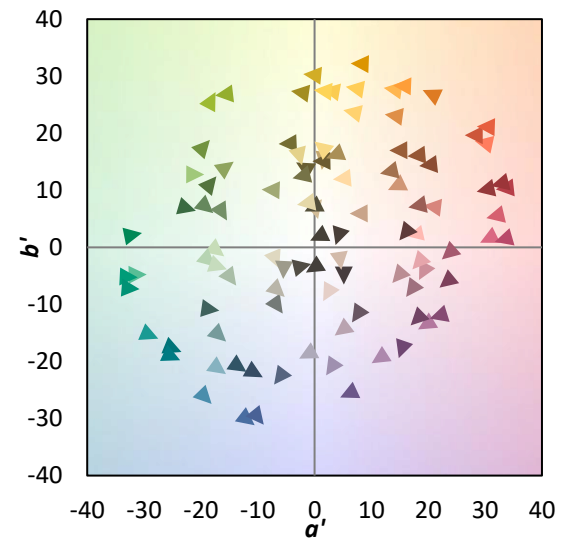
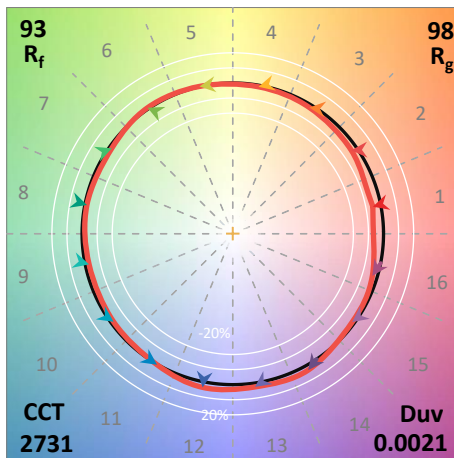
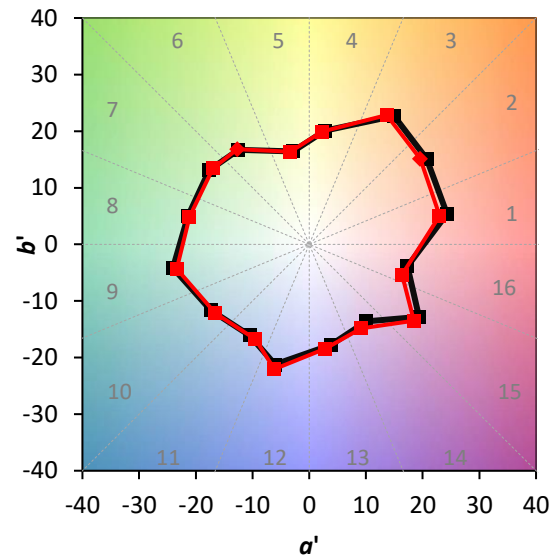
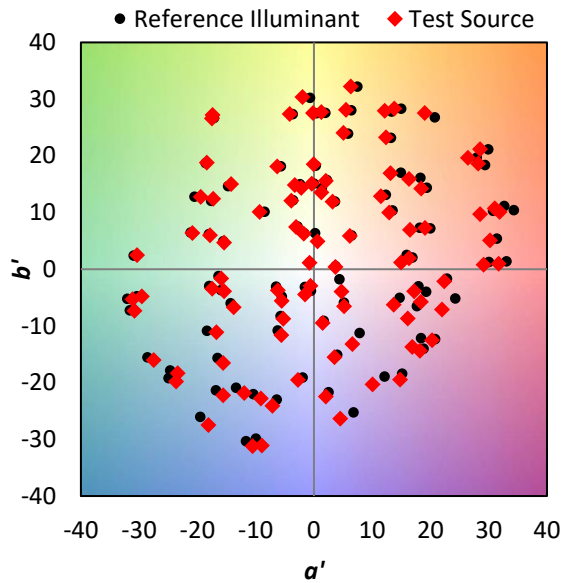
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98$
 $CIE\ R_a = 91.8$
 $R_9 = 54.7$

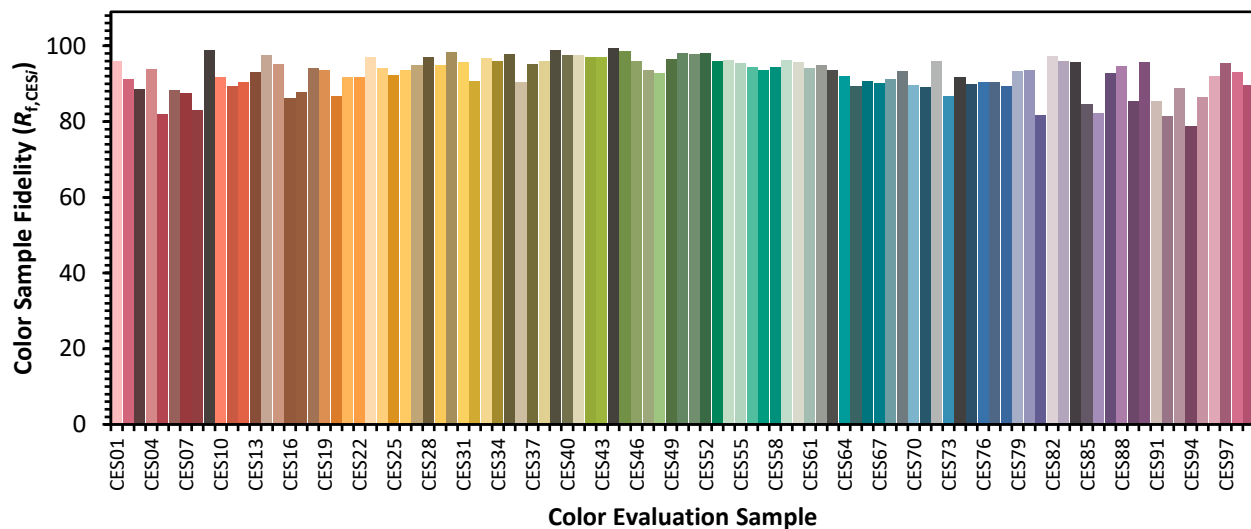


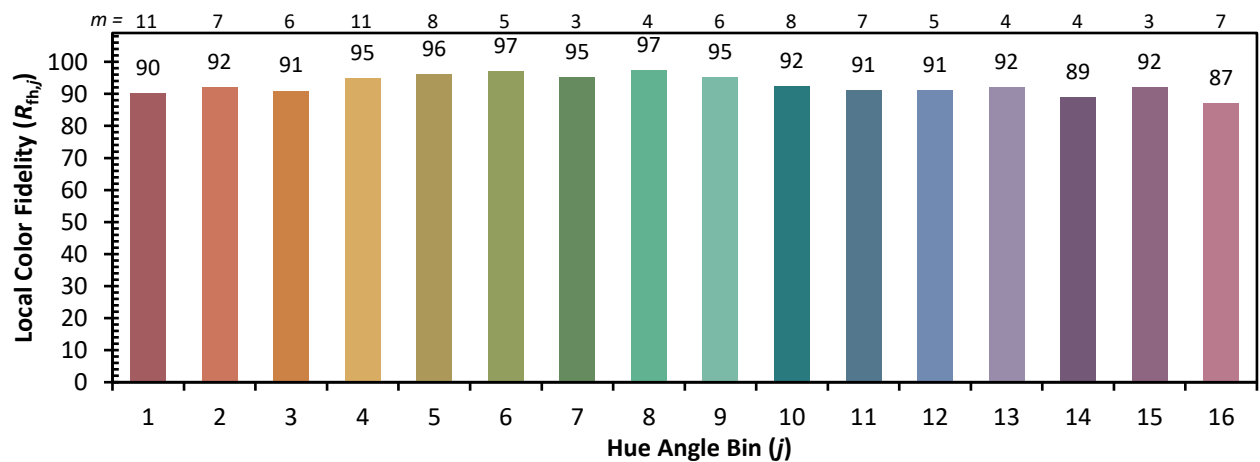
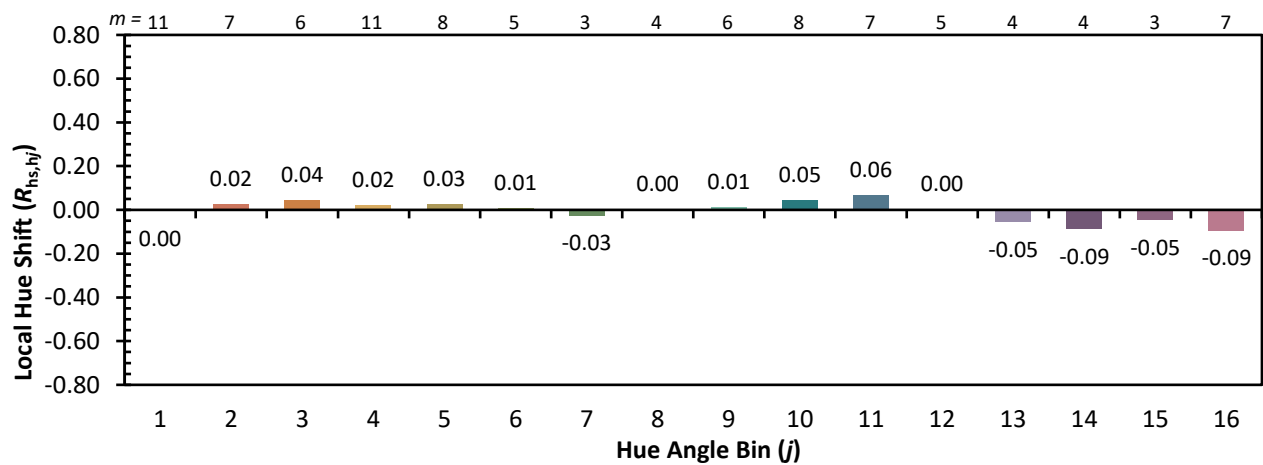
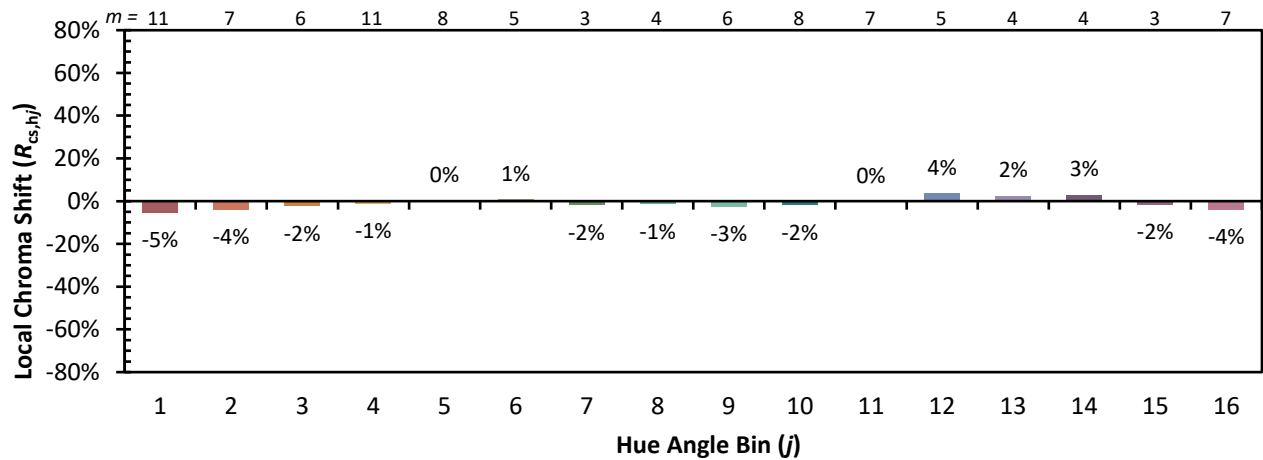
Color Vector Graphics



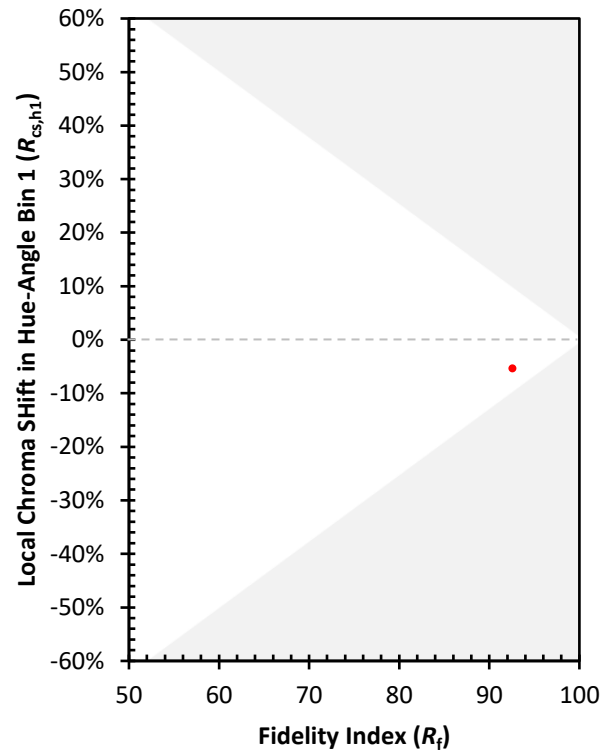
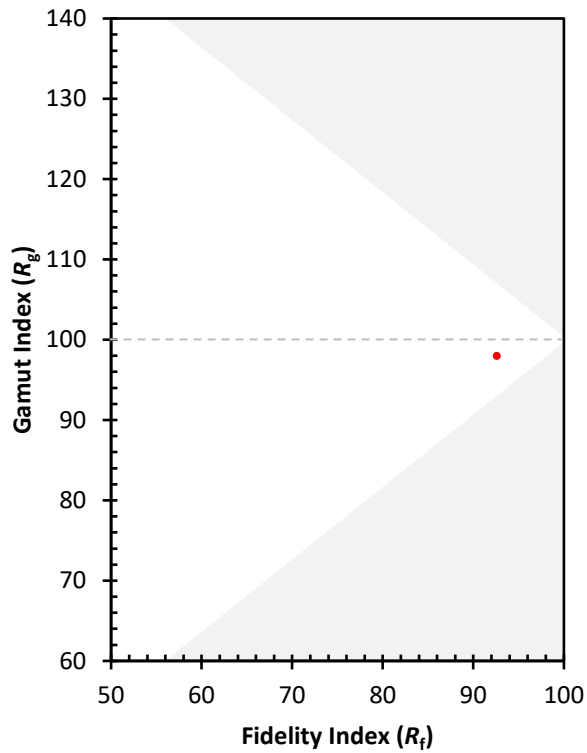
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 43	CES33 = 97	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 96	CES59 = 96	CES84 = 96
CES10 = 77	CES35 = 98	CES60 = 96	CES85 = 85
CES11 = 59	CES36 = 90	CES61 = 94	CES86 = 82
CES12 = 66	CES37 = 95	CES62 = 95	CES87 = 93
CES13 = 44	CES38 = 96	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 91	CES91 = 85
CES17 = 50	CES42 = 97	CES67 = 90	CES92 = 82
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 79
CES20 = 68	CES45 = 99	CES70 = 90	CES95 = 87
CES21 = 87	CES46 = 96	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 94	CES72 = 96	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 87	CES98 = 93
CES24 = 91	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 72	CES50 = 98	CES75 = 90	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)