

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: P1049301

Luminaire Tested: **GALN-SA6A-927-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049301
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6A-927-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 6xLight Square PACKAGE
90CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (84) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12151.4 lumens
Efficiency: N/A
Efficacy: 74.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

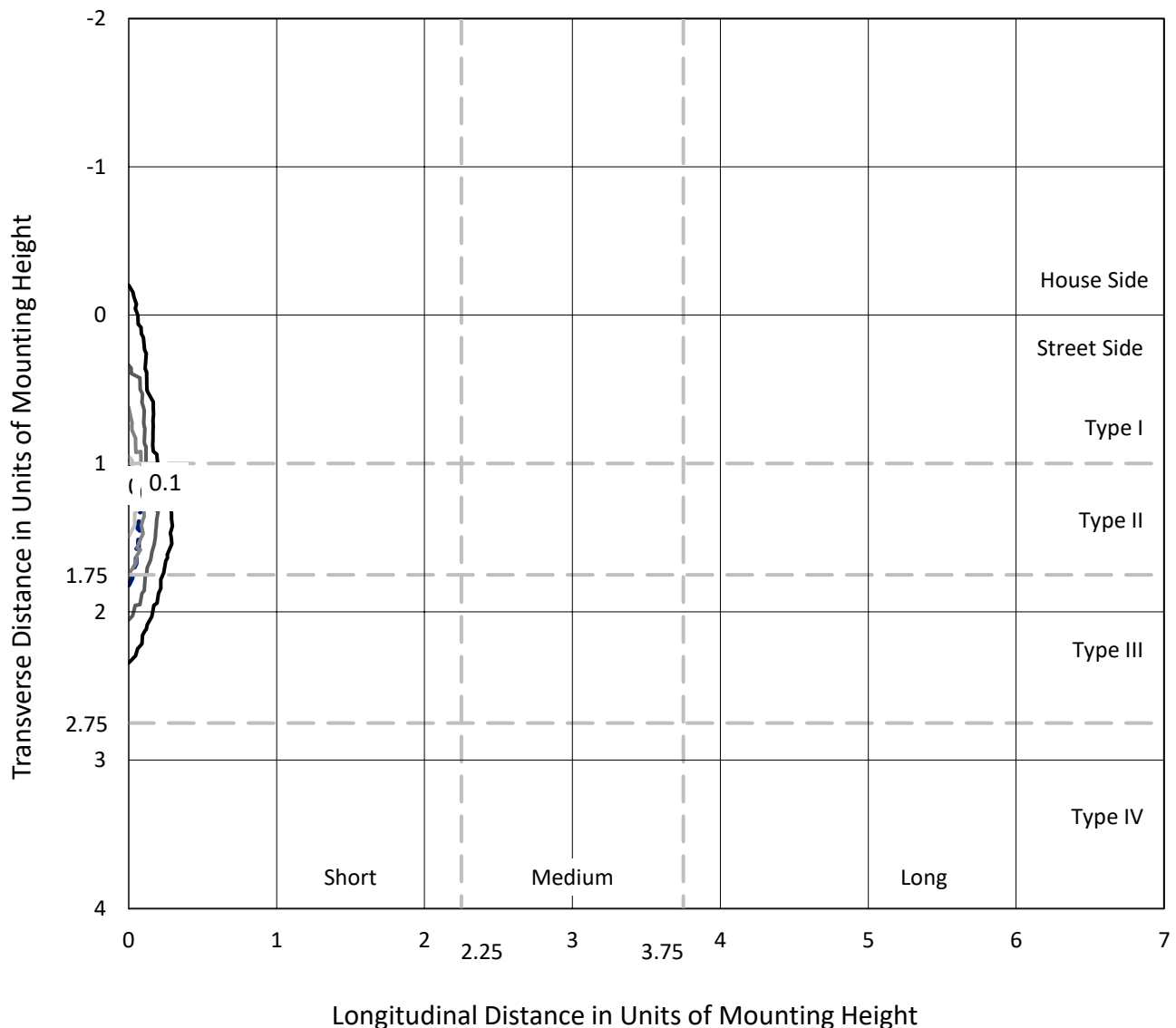
Input Watts (W): 162.9
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

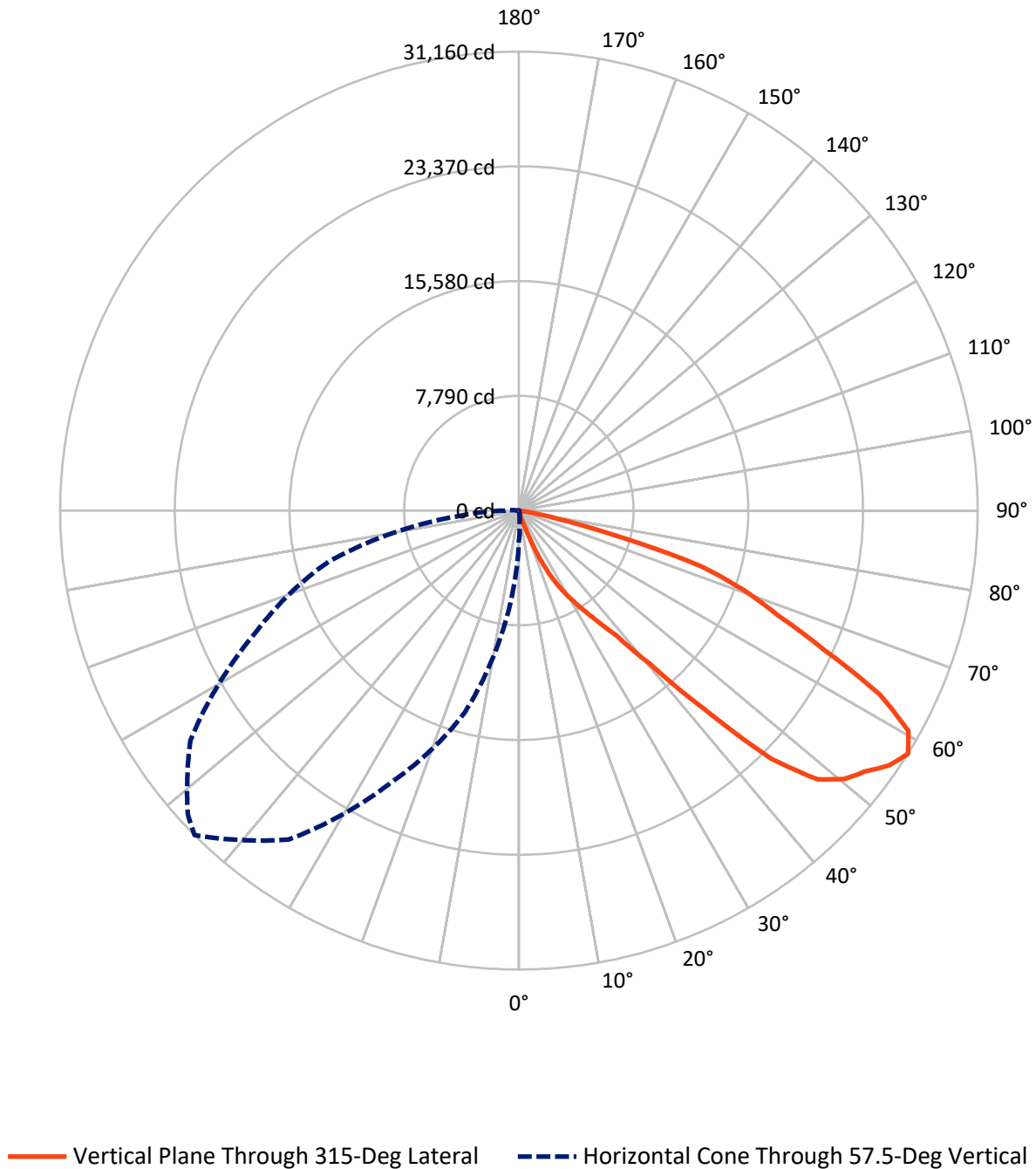
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.8 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	60.8	0.0	60.8
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	12090.6	0.0	12090.6
	% Fixture	99.5	0.0	99.5
Total	Lumens	12151.4	0.0	12151.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.8	0.0
10°-20°	26.7	0.2
20°-30°	288.0	2.4
30°-40°	851.6	7.0
40°-50°	2537.9	20.9
50°-60°	4024.3	33.1
60°-70°	3359.3	27.6
70°-80°	1035.9	8.5
80°-90°	23.0	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°	12151.4	100.0
0°-180°	12151.4	100.0



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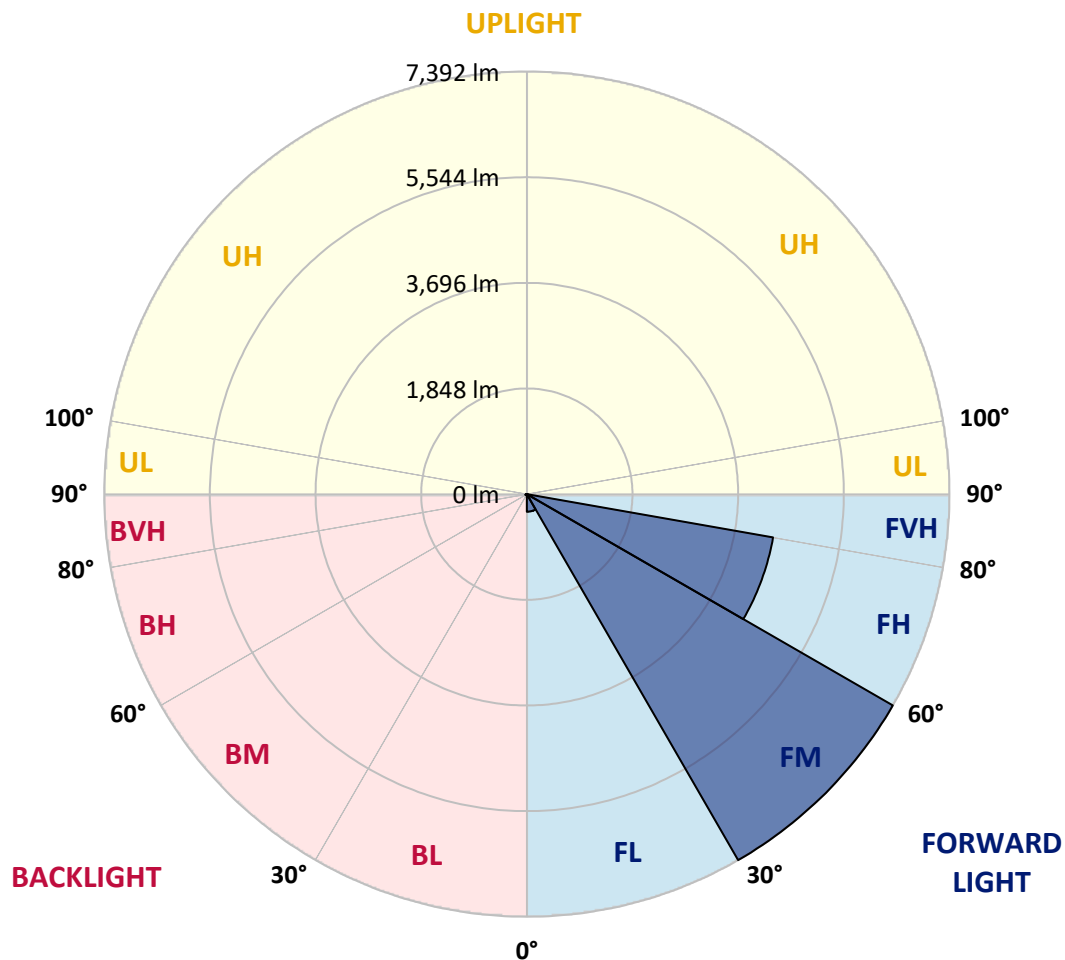
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	308.3	2.5			
FM	(30°-60°)	7392.0	60.8			
FH	(60°-80°)	4372.5	36.0			G2/5000
FVH	(80°-90°)	17.8	0.1			G1/100
BL	(0°-30°)	11.2	0.1	B0/110		
BM	(30°-60°)	21.8	0.2	B0/220		
BH	(60°-80°)	22.7	0.2	B0/110		G0/110
BVH	(80°-90°)	5.2	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°	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
2.5°	48.7	48.7	48.7	48.7	47.8	47.8	46.8	46.8	45.9	45.9
5°	51.4	51.4	50.5	49.6	49.6	48.7	47.8	46.8	46.8	45.9
7.5°	56.0	55.1	54.2	53.3	51.4	50.5	48.7	47.8	46.8	45.0
10°	61.5	59.7	57.9	56.0	54.2	52.3	50.5	49.6	47.8	46.8
12.5°	68.9	66.1	62.4	59.7	57.9	55.1	53.3	51.4	48.7	46.8
15°	75.3	71.6	67.0	63.4	60.6	56.9	54.2	51.4	49.6	46.8
17.5°	84.5	78.1	70.7	66.1	62.4	57.9	53.3	50.5	47.8	44.1
20°	100.1	87.2	73.5	68.0	62.4	56.9	51.4	47.8	45.0	41.3
22.5°	124.9	102.8	80.8	72.5	65.2	56.9	49.6	45.9	42.2	38.6
25°	172.6	133.1	93.7	82.6	71.6	60.6	49.6	45.0	41.3	36.7
27.5°	229.6	170.8	111.1	95.5	80.8	65.2	49.6	44.1	39.5	34.0
30°	287.4	209.4	130.4	110.2	90.0	69.8	49.6	43.2	37.6	31.2
32.5°	342.5	245.2	146.9	123.0	99.2	74.4	50.5	43.2	35.8	28.5
35°	398.5	274.6	149.7	124.9	100.1	74.4	49.6	41.3	34.0	25.7
37.5°	470.2	307.6	144.2	119.4	95.5	70.7	46.8	39.5	32.1	23.9
40°	578.5	362.7	146.9	121.2	95.5	69.8	44.1	36.7	30.3	23.0
42.5°	778.7	469.2	158.9	129.5	100.1	69.8	40.4	34.0	28.5	22.0
45°	1346.2	779.6	213.0	169.0	124.9	80.8	36.7	31.2	26.6	21.1
47.5°	2226.8	1304.9	382.9	295.7	209.4	122.1	35.8	31.2	26.6	21.1
50°	2842.1	1662.1	482.1	371.0	259.9	148.8	37.6	32.1	27.5	22.0
52.5°	2837.5	1687.8	537.2	412.3	288.3	163.5	39.5	34.0	29.4	23.9
55°	2522.5	1535.4	547.3	420.6	294.8	168.0	42.2	36.7	31.2	25.7
57.5°	2108.4	1303.9	499.5	386.6	274.6	161.6	48.7	42.2	36.7	30.3
60°	1667.6	1028.5	389.3	307.6	226.8	145.1	64.3	56.0	48.7	40.4
62.5°	1151.5	745.6	339.8	272.7	206.6	139.6	73.5	65.2	57.9	49.6
65°	814.5	561.1	306.7	249.8	193.8	136.8	79.9	70.7	62.4	53.3
67.5°	608.8	446.3	282.8	234.2	185.5	136.8	88.2	77.1	67.0	56.0
70°	466.5	366.4	265.4	225.9	187.3	147.8	108.4	92.7	78.1	62.4
72.5°	380.2	313.1	245.2	216.7	188.2	159.8	131.3	111.1	90.9	69.8
75°	315.0	268.1	221.3	197.4	174.5	150.6	126.7	108.4	90.9	72.5
77.5°	209.4	191.0	171.7	157.9	144.2	129.5	115.7	100.1	85.4	69.8
80°	73.5	70.7	68.0	73.5	79.0	84.5	90.0	79.0	68.9	57.9
82.5°	11.0	10.1	9.2	10.1	11.0	11.9	12.9	13.8	14.7	15.6
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°	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
0.0	2.5°	45.0	45.0	44.1	44.1	44.1	43.2	43.2	42.2	42.2	42.2
0.0	5°	44.1	44.1	43.2	42.2	41.3	41.3	40.4	39.5	39.5	38.6
0.0	7.5°	43.2	42.2	41.3	40.4	39.5	38.6	37.6	36.7	36.7	35.8
0.0	10°	44.1	42.2	41.3	39.5	38.6	37.6	35.8	34.9	34.0	34.0
0.0	12.5°	42.2	41.3	39.5	37.6	36.7	34.9	34.0	32.1	31.2	31.2
0.0	15°	42.2	40.4	37.6	35.8	34.0	33.1	31.2	29.4	28.5	27.5
0.0	17.5°	39.5	37.6	34.9	33.1	31.2	29.4	27.5	25.7	24.8	23.9
0.0	20°	35.8	34.0	31.2	28.5	26.6	24.8	23.0	21.1	20.2	19.3
0.0	22.5°	32.1	30.3	27.5	24.8	23.0	21.1	18.4	16.5	15.6	13.8
0.0	25°	30.3	27.5	24.8	22.0	19.3	17.4	14.7	11.9	10.1	8.3
0.0	27.5°	25.7	23.0	20.2	17.4	14.7	11.9	9.2	6.4	4.6	3.7
0.0	30°	22.0	19.3	16.5	13.8	10.1	7.3	4.6	0.9	0.9	0.9
0.0	32.5°	18.4	15.6	11.9	9.2	7.3	4.6	2.8	0.0	0.0	0.0
0.0	35°	14.7	11.9	8.3	5.5	4.6	2.8	1.8	0.0	0.0	0.0
0.0	37.5°	12.9	10.1	6.4	2.8	1.8	1.8	0.9	0.0	0.0	0.0
0.0	40°	11.9	8.3	4.6	0.9	0.9	0.9	0.0	0.0	0.0	0.0
0.0	42.5°	11.9	8.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	11.9	8.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	11.9	8.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	12.9	9.2	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	14.7	11.0	7.3	3.7	2.8	1.8	0.9	0.0	0.0	0.0
0.0	55°	18.4	16.5	13.8	11.9	9.2	6.4	2.8	0.0	0.0	0.0
0.0	57.5°	23.9	23.9	23.0	22.0	16.5	11.0	5.5	0.0	0.0	0.0
0.0	60°	32.1	32.1	32.1	32.1	23.9	16.5	8.3	0.0	0.0	0.0
0.0	62.5°	39.5	37.6	34.9	33.1	24.8	16.5	8.3	0.0	0.0	0.0
0.0	65°	39.5	35.8	31.2	26.6	20.2	13.8	6.4	0.0	0.0	0.0
0.0	67.5°	36.7	29.4	21.1	13.8	10.1	7.3	3.7	0.0	0.0	0.0
	70°	36.7	25.7	14.7	3.7	2.8	1.8	0.9	0.0	0.0	0.0
	72.5°	36.7	24.8	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	40.4	27.5	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	40.4	27.5	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	35.8	23.9	11.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	11.9	8.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
0.0	2.5°	41.3	41.3	41.3	40.4	40.4	40.4	40.4	39.5	39.5	39.5
0.0	5°	37.6	37.6	36.7	36.7	35.8	35.8	34.9	34.9	34.0	34.0
0.0	7.5°	34.9	34.0	34.0	33.1	32.1	32.1	31.2	31.2	30.3	29.4
0.0	10°	32.1	31.2	31.2	30.3	29.4	28.5	28.5	27.5	26.6	25.7
0.0	12.5°	29.4	28.5	27.5	26.6	25.7	24.8	24.8	23.9	23.0	22.0
0.0	15°	25.7	24.8	23.9	23.0	22.0	21.1	21.1	20.2	19.3	18.4
0.0	17.5°	22.0	21.1	21.1	20.2	19.3	18.4	17.4	15.6	14.7	13.8
0.0	20°	16.5	15.6	14.7	13.8	12.9	11.0	10.1	8.3	6.4	5.5
0.0	22.5°	11.0	9.2	8.3	6.4	4.6	3.7	2.8	0.9	0.0	0.0
0.0	25°	3.7	2.8	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA6A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049301

CATALOG NUMBER: GALN-SA6A-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°	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
0.0	2.5°	38.6	38.6	38.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
0.0	5°	33.1	33.1	33.1	32.1	32.1	31.2	31.2	31.2	30.3	30.3
0.0	7.5°	28.5	27.5	27.5	26.6	26.6	25.7	25.7	25.7	24.8	24.8
0.0	10°	23.9	23.0	23.0	22.0	22.0	21.1	21.1	20.2	20.2	19.3
0.0	12.5°	21.1	20.2	19.3	18.4	18.4	17.4	16.5	16.5	15.6	14.7
0.0	15°	16.5	15.6	14.7	13.8	12.9	11.9	11.0	11.0	10.1	9.2
0.0	17.5°	11.0	9.2	8.3	7.3	7.3	6.4	5.5	4.6	3.7	2.8
0.0	20°	2.8	1.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049301

CATALOG NUMBER: GALN-SA6A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049301

CATALOG NUMBER: GALN-SA6A-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°	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
0.0	2.5°	37.6	36.7	36.7	36.7	37.6	37.6	37.6	37.6	37.6	37.6
0.0	5°	30.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
0.0	7.5°	24.8	23.9	23.9	23.9	23.9	23.0	23.0	23.0	23.0	23.0
0.0	10°	19.3	18.4	18.4	18.4	18.4	17.4	17.4	17.4	17.4	17.4
0.0	12.5°	13.8	13.8	12.9	12.9	12.9	11.9	11.9	11.9	11.9	11.0
0.0	15°	8.3	7.3	6.4	6.4	6.4	5.5	5.5	5.5	5.5	4.6
0.0	17.5°	1.8	1.8	0.9	0.9	0.9	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA6A-927-U-RBC

[illegible]



REPORT NUMBER: P1049301

CATALOG NUMBER: GALN-SA6A-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°	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
0.0	2.5°	38.6	38.6	39.5	39.5	40.4	42.2	43.2	44.1	45.9	47.8
0.0	5°	30.3	31.2	31.2	32.1	33.1	34.0	34.9	35.8	37.6	39.5
0.0	7.5°	23.9	23.9	24.8	24.8	25.7	27.5	28.5	29.4	31.2	34.0
0.0	10°	18.4	18.4	19.3	19.3	20.2	22.0	23.0	23.9	25.7	28.5
0.0	12.5°	11.9	12.9	12.9	13.8	14.7	16.5	17.4	18.4	20.2	22.0
0.0	15°	5.5	6.4	6.4	7.3	8.3	10.1	11.0	11.9	13.8	16.5
0.0	17.5°	0.9	0.9	1.8	1.8	2.8	3.7	4.6	5.5	8.3	10.1
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	3.7
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049301

CATALOG NUMBER: GALN-SA6A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049301

CATALOG NUMBER: GALN-SA6A-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°	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
0.0	2.5°	50.5	52.3	54.2	56.0	57.9	59.7	60.6	62.4	63.4	64.3
0.0	5°	43.2	45.0	47.8	49.6	51.4	53.3	55.1	56.0	56.9	57.9
0.0	7.5°	37.6	39.5	42.2	44.1	45.9	47.8	49.6	51.4	52.3	53.3
0.0	10°	32.1	34.9	36.7	39.5	41.3	43.2	45.0	46.8	48.7	49.6
0.0	12.5°	25.7	28.5	31.2	33.1	35.8	38.6	40.4	42.2	44.1	45.9
0.0	15°	20.2	23.0	25.7	27.5	30.3	33.1	35.8	37.6	39.5	41.3
0.0	17.5°	14.7	17.4	20.2	22.0	24.8	27.5	29.4	32.1	34.0	35.8
0.0	20°	7.3	10.1	12.9	15.6	18.4	21.1	23.0	25.7	27.5	29.4
0.0	22.5°	0.9	3.7	6.4	8.3	11.0	13.8	15.6	18.4	20.2	22.0
0.0	25°	0.0	0.9	2.8	3.7	4.6	6.4	8.3	10.1	11.9	13.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.9	1.8	3.7	5.5	7.3
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	1.8
	85°	0.0	0.0	0.0	0.0	0.0	1.8	2.8	4.6	5.5	6.4
	87.5°	0.0	0.9	1.8	2.8	3.7	5.5	7.3	9.2	10.1	11.0
	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: P1049301

CATALOG NUMBER: GALN-SA6A-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
53.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.8	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											
0.9											
3.7											
8.3											
11.9											
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REPORT NUMBER: P1049301

CATALOG NUMBER: GALN-SA6A-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°	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
0.0	2.5°	65.2	65.2	65.2	65.2	64.3	64.3	64.3	63.4	63.4	62.4
0.0	5°	59.7	60.6	60.6	60.6	60.6	60.6	60.6	60.6	59.7	59.7
0.0	7.5°	55.1	56.0	56.9	56.9	57.9	57.9	57.9	56.9	56.9	56.0
0.0	10°	52.3	53.3	53.3	54.2	54.2	54.2	54.2	54.2	54.2	54.2
0.0	12.5°	48.7	49.6	50.5	50.5	51.4	51.4	51.4	51.4	50.5	50.5
0.0	15°	44.1	45.9	46.8	47.8	47.8	48.7	48.7	48.7	48.7	48.7
0.0	17.5°	40.4	42.2	43.2	44.1	44.1	45.0	45.0	45.9	45.9	45.9
0.0	20°	33.1	34.9	35.8	37.6	38.6	39.5	40.4	41.3	41.3	42.2
0.0	22.5°	25.7	27.5	28.5	30.3	31.2	32.1	33.1	34.0	34.9	35.8
0.0	25°	18.4	20.2	21.1	23.0	23.9	24.8	25.7	26.6	26.6	27.5
0.0	27.5°	10.1	11.9	13.8	14.7	16.5	17.4	18.4	19.3	20.2	21.1
0.0	30°	4.6	5.5	6.4	8.3	9.2	10.1	11.0	12.9	13.8	14.7
0.0	32.5°	0.0	0.0	0.9	2.8	3.7	4.6	5.5	6.4	6.4	7.3
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.8	2.8	3.7
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	1.8	1.8	1.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
	82.5°	4.6	5.5	6.4	6.4	7.3	7.3	7.3	7.3	6.4	6.4
	85°	9.2	10.1	11.0	11.0	11.9	11.9	11.9	11.9	11.9	11.9
	87.5°	12.9	13.8	14.7	14.7	15.6	15.6	15.6	15.6	15.6	15.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049301

CATALOG NUMBER: GALN-SA6A-927-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
53.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
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2.8											
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REPORT NUMBER: P1049301

CATALOG NUMBER: GALN-SA6A-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°	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
0.0	2.5°	61.5	61.5	60.6	60.6	60.6	60.6	60.6	61.5	62.4	62.4
0.0	5°	58.8	58.8	57.9	57.9	57.9	58.8	58.8	59.7	60.6	61.5
0.0	7.5°	56.0	55.1	55.1	56.0	56.0	56.9	56.9	57.9	58.8	59.7
0.0	10°	54.2	53.3	53.3	53.3	54.2	54.2	55.1	56.0	56.9	57.9
0.0	12.5°	50.5	50.5	50.5	50.5	51.4	51.4	52.3	53.3	55.1	56.0
0.0	15°	48.7	47.8	47.8	47.8	47.8	48.7	48.7	50.5	52.3	53.3
0.0	17.5°	45.0	45.0	44.1	44.1	45.0	45.0	45.9	47.8	49.6	50.5
0.0	20°	41.3	40.4	39.5	39.5	40.4	40.4	41.3	43.2	45.0	45.9
0.0	22.5°	35.8	34.9	34.9	34.9	34.9	35.8	35.8	37.6	40.4	42.2
0.0	25°	28.5	29.4	29.4	30.3	30.3	31.2	32.1	34.0	36.7	38.6
0.0	27.5°	22.0	23.0	23.0	24.8	25.7	26.6	27.5	30.3	33.1	34.9
0.0	30°	16.5	17.4	18.4	19.3	21.1	23.0	24.8	27.5	30.3	32.1
0.0	32.5°	10.1	11.9	12.9	14.7	16.5	18.4	20.2	23.0	26.6	29.4
0.0	35°	7.3	8.3	10.1	11.0	12.9	14.7	16.5	20.2	23.0	26.6
0.0	37.5°	3.7	5.5	7.3	9.2	11.0	12.9	14.7	18.4	22.0	24.8
0.0	40°	2.8	4.6	5.5	7.3	10.1	11.9	13.8	17.4	21.1	24.8
0.0	42.5°	1.8	2.8	3.7	6.4	8.3	11.0	13.8	17.4	21.1	24.8
0.0	45°	1.8	1.8	2.8	5.5	8.3	11.9	14.7	18.4	21.1	24.8
0.0	47.5°	1.8	2.8	3.7	7.3	9.2	11.9	14.7	17.4	21.1	23.9
0.0	50°	2.8	3.7	4.6	8.3	10.1	12.9	14.7	18.4	21.1	24.8
0.0	52.5°	1.8	2.8	3.7	7.3	10.1	13.8	16.5	20.2	23.9	26.6
0.0	55°	0.9	0.9	0.9	5.5	11.0	15.6	21.1	23.9	27.5	30.3
0.0	57.5°	0.0	0.0	0.0	3.7	11.0	17.4	23.9	27.5	31.2	34.0
0.0	60°	0.0	0.0	0.0	3.7	11.0	17.4	23.9	28.5	33.1	37.6
0.0	62.5°	0.0	0.0	0.0	3.7	9.2	14.7	20.2	27.5	35.8	43.2
0.0	65°	0.0	0.0	0.0	2.8	7.3	11.9	16.5	27.5	38.6	48.7
0.0	67.5°	0.0	0.0	0.0	2.8	7.3	11.0	15.6	27.5	38.6	50.5
	70°	0.0	0.0	0.0	2.8	7.3	11.9	16.5	27.5	38.6	49.6
	72.5°	0.0	0.0	0.0	2.8	8.3	12.9	18.4	27.5	36.7	45.9
	75°	0.0	0.0	0.0	3.7	8.3	13.8	19.3	27.5	35.8	43.2
	77.5°	0.0	0.0	0.0	2.8	8.3	12.9	18.4	26.6	34.9	42.2
	80°	2.8	1.8	1.8	4.6	8.3	11.9	15.6	23.9	33.1	41.3
	82.5°	5.5	5.5	4.6	6.4	8.3	11.0	13.8	21.1	29.4	36.7
	85°	11.0	11.0	10.1	11.0	11.0	11.9	12.9	16.5	20.2	23.9
	87.5°	14.7	14.7	13.8	13.8	13.8	12.9	12.9	12.9	12.9	11.9
	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

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
53.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.6											
55.1											
51.4											
50.5											
49.6											
44.1											
27.5											
11.9											
0.0											
0.0											
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REPORT NUMBER: P1049301

CATALOG NUMBER: GALN-SA6A-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°	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
0.0	2.5°	64.3	65.2	65.2	66.1	67.0	68.0	68.0	68.9	68.9	68.9
0.0	5°	63.4	65.2	66.1	67.0	68.0	68.9	69.8	70.7	71.6	71.6
0.0	7.5°	62.4	63.4	65.2	66.1	68.0	68.9	70.7	71.6	72.5	73.5
0.0	10°	60.6	62.4	64.3	66.1	68.0	69.8	71.6	73.5	75.3	76.2
0.0	12.5°	58.8	61.5	63.4	65.2	68.0	70.7	72.5	75.3	77.1	79.0
0.0	15°	57.9	59.7	62.4	64.3	68.0	71.6	74.4	78.1	81.7	84.5
0.0	17.5°	55.1	58.8	61.5	64.3	68.0	72.5	76.2	79.9	85.4	90.9
0.0	20°	51.4	54.2	57.9	60.6	66.1	70.7	76.2	80.8	89.1	97.3
0.0	22.5°	47.8	51.4	54.2	57.9	64.3	69.8	76.2	81.7	95.5	108.4
0.0	25°	44.1	48.7	52.3	56.0	63.4	70.7	78.1	85.4	108.4	131.3
0.0	27.5°	42.2	45.9	50.5	54.2	63.4	73.5	82.6	91.8	128.6	164.4
0.0	30°	39.5	44.1	47.8	52.3	64.3	76.2	88.2	100.1	156.1	212.1
0.0	32.5°	36.7	41.3	45.9	50.5	66.1	81.7	96.4	112.0	185.5	258.0
0.0	35°	34.0	39.5	44.1	48.7	68.9	90.0	110.2	130.4	212.1	292.9
0.0	37.5°	33.1	38.6	43.2	47.8	69.8	90.9	112.9	134.1	214.9	295.7
0.0	40°	34.0	38.6	44.1	48.7	67.0	85.4	102.8	121.2	205.7	289.3
0.0	42.5°	34.0	39.5	45.0	50.5	65.2	79.9	94.6	109.3	202.9	296.6
0.0	45°	33.1	38.6	44.1	49.6	63.4	76.2	90.0	102.8	219.5	335.2
0.0	47.5°	32.1	37.6	43.2	48.7	62.4	76.2	90.0	103.8	283.7	462.8
0.0	50°	32.1	37.6	42.2	46.8	63.4	80.8	97.3	113.9	413.2	711.7
0.0	52.5°	34.0	38.6	42.2	45.9	65.2	85.4	104.7	124.0	525.3	925.6
0.0	55°	36.7	39.5	43.2	45.9	69.8	92.7	116.6	139.6	559.2	978.9
0.0	57.5°	40.4	43.2	45.9	48.7	78.1	107.4	135.9	165.3	562.0	957.8
0.0	60°	45.0	48.7	51.4	54.2	85.4	117.5	148.8	180.0	508.7	836.5
0.0	62.5°	55.1	59.7	63.4	68.0	98.3	127.6	157.9	187.3	422.4	657.5
0.0	65°	63.4	67.0	70.7	74.4	103.8	134.1	163.5	192.8	358.1	523.4
0.0	67.5°	65.2	68.9	71.6	75.3	105.6	135.9	165.3	195.6	306.7	416.9
	70°	66.1	70.7	76.2	80.8	112.0	143.3	173.6	204.8	271.8	338.8
	72.5°	63.4	72.5	80.8	89.1	118.5	146.9	176.3	204.8	252.5	300.3
	75°	63.4	76.2	88.2	100.1	122.1	143.3	165.3	186.4	223.1	259.9
	77.5°	67.0	83.6	100.1	116.6	129.5	141.4	154.3	166.2	190.1	214.0
	80°	67.0	84.5	101.0	118.5	124.0	130.4	135.9	141.4	144.2	146.9
	82.5°	57.9	71.6	85.4	99.2	92.7	86.3	79.9	73.5	68.9	63.4
	85°	29.4	32.1	34.0	35.8	33.1	30.3	27.5	24.8	23.0	20.2
	87.5°	11.9	11.9	11.0	11.0	11.0	11.0	10.1	10.1	10.1	10.1
	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: P1049301

CATALOG NUMBER: GALN-SA6A-927-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
53.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
195.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
271.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
368.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
460.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
522.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
569.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
616.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
708.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
891.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1359.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2081.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2620.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2680.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2418.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2067.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1616.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1221.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
901.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
638.2											
474.7											
345.3											
259.9											
146.0											
66.1											
19.3											
9.2											
0.0											
0.0											
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REPORT NUMBER: P1049301

CATALOG NUMBER: GALN-SA6A-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°	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
0.0	2.5°	68.9	68.0	68.0	67.0	66.1	65.2	64.3	63.4	62.4	61.5
0.0	5°	71.6	71.6	71.6	70.7	70.7	69.8	69.8	68.9	68.0	67.0
0.0	7.5°	74.4	75.3	75.3	76.2	76.2	76.2	76.2	75.3	75.3	75.3
0.0	10°	79.0	79.9	80.8	81.7	82.6	83.6	83.6	84.5	84.5	84.5
0.0	12.5°	84.5	87.2	89.1	91.8	93.7	96.4	98.3	101.0	102.8	104.7
0.0	15°	92.7	97.3	102.8	107.4	112.0	118.5	125.8	132.2	138.7	148.8
0.0	17.5°	104.7	119.4	134.1	147.8	162.5	194.7	226.8	258.0	290.2	337.0
0.0	20°	127.6	171.7	214.9	259.0	302.1	415.1	527.1	640.0	752.1	872.4
0.0	22.5°	179.1	287.4	395.8	504.1	612.5	848.5	1083.6	1319.6	1554.6	1831.0
0.0	25°	259.9	459.1	658.4	856.7	1056.0	1425.2	1795.2	2164.4	2533.5	2892.6
0.0	27.5°	378.3	683.2	988.1	1292.0	1596.9	2097.3	2598.7	3099.2	3599.6	4005.5
0.0	30°	524.3	937.6	1350.8	1764.0	2177.2	2746.6	3315.9	3884.3	4453.6	4897.1
0.0	32.5°	662.1	1168.0	1674.0	2179.1	2685.0	3333.3	3982.5	4630.8	5279.1	5764.0
0.0	35°	752.1	1363.6	1976.1	2587.7	3199.3	3900.8	4602.4	5303.0	6004.6	6558.3
0.0	37.5°	842.1	1548.2	2253.4	2959.6	3664.8	4435.3	5205.7	5976.1	6746.5	7430.7
0.0	40°	943.1	1771.3	2598.7	3427.0	4254.4	5167.1	6079.0	6991.7	7903.6	8868.7
0.0	42.5°	1118.5	2141.4	3165.3	4188.2	5211.2	6418.7	7626.2	8832.9	10040.4	11417.8
0.0	45°	1448.1	2889.8	4332.4	5774.1	7215.8	8815.4	10416.0	12015.6	13615.2	15448.1
0.0	47.5°	2255.3	4238.7	6221.3	8204.8	10187.3	11914.6	13640.9	15368.2	17094.6	18920.1
0.0	50°	3450.9	5759.4	8067.9	10375.6	12684.1	14247.0	15809.0	17371.9	18933.9	20670.3
0.0	52.5°	4315.9	6720.8	9126.7	11531.7	13936.6	15347.1	16758.5	18168.9	19579.4	21202.0
0.0	55°	4381.1	6772.3	9164.4	11555.5	13946.7	15363.6	16780.5	18197.4	19614.3	21334.2
0.0	57.5°	3878.8	6250.7	8621.7	10993.6	13364.5	14977.9	16590.4	18203.8	19816.3	21675.8
0.0	60°	3299.4	5672.2	8044.1	10416.9	12788.8	14647.4	16506.9	18365.4	20224.0	21966.0
0.0	62.5°	2573.9	5014.7	7456.4	9897.1	12337.9	14225.0	16112.0	17998.1	19885.2	21191.9
0.0	65°	1918.3	4288.3	6658.4	9027.5	11397.6	12909.1	14420.5	15931.1	17442.6	18251.6
0.0	67.5°	1386.6	3430.7	5473.8	7517.9	9561.0	10642.8	11724.5	12805.3	13887.0	14505.9
	70°	937.6	2353.5	3768.6	5184.6	6599.6	7488.5	8378.3	9267.2	10156.1	10991.7
	72.5°	649.2	1444.4	2240.6	3035.8	3831.0	4725.4	5618.9	6513.3	7406.8	8291.1
	75°	430.7	792.5	1155.2	1517.0	1878.8	2540.9	3203.9	3865.9	4528.0	5055.1
	77.5°	305.8	414.1	523.4	631.8	740.1	864.1	989.0	1112.9	1236.9	1425.2
	80°	145.1	158.9	172.6	185.5	199.3	244.3	289.3	334.3	379.2	427.0
	82.5°	68.9	74.4	79.9	84.5	90.0	94.6	99.2	103.8	108.4	103.8
	85°	18.4	18.4	19.3	19.3	19.3	19.3	19.3	19.3	19.3	18.4
	87.5°	8.3	8.3	8.3	8.3	8.3	8.3	8.3	7.3	7.3	6.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA6A-927-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
53.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
382.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
993.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2107.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3251.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4411.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5341.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6249.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7112.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8115.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9833.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12795.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17281.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20745.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22406.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22824.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23055.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23535.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23707.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22499.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19061.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15125.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11826.4											
9175.4											
5582.2											
1613.4											
474.7											
98.3											
17.4											
6.4											
0.0											
0.0											
0.0											
0.0											
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0.0											

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CATALOG NUMBER: GALN-SA6A-927-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
0.0	2.5°	59.7	58.8	57.9	56.9	56.0	54.2	54.2	53.3	53.3
0.0	5°	65.2	64.3	63.4	62.4	62.4	61.5	60.6	60.6	59.7
0.0	7.5°	74.4	73.5	72.5	71.6	71.6	70.7	70.7	69.8	69.8
0.0	10°	85.4	85.4	85.4	85.4	85.4	84.5	84.5	84.5	83.6
0.0	12.5°	107.4	108.4	110.2	112.0	114.8	114.8	114.8	113.9	113.9
0.0	15°	169.9	180.0	187.3	194.7	201.1	215.8	214.0	211.2	209.4
0.0	17.5°	429.8	475.7	500.5	524.3	549.1	617.1	606.1	595.0	584.9
0.0	20°	1113.9	1234.2	1314.0	1393.9	1474.7	1602.4	1571.2	1539.9	1508.7
0.0	22.5°	2382.9	2659.3	2779.6	2899.9	3019.3	3173.5	3073.5	2973.4	2874.2
0.0	25°	3609.7	3968.8	4171.7	4374.6	4576.7	4664.8	4534.4	4403.1	4272.7
0.0	27.5°	4817.3	5223.1	5402.2	5580.3	5759.4	5944.0	5782.4	5619.8	5458.2
0.0	30°	5785.1	6228.6	6422.4	6615.2	6809.0	6937.5	6770.4	6602.4	6435.3
0.0	32.5°	6734.6	7219.5	7431.6	7643.7	7854.9	8039.5	7833.8	7627.2	7421.5
0.0	35°	7664.8	8218.5	8510.5	8802.6	9094.6	9266.3	9022.0	8776.8	8532.6
0.0	37.5°	8799.8	9483.9	9810.8	10137.7	10464.6	10777.8	10508.7	10238.7	9969.7
0.0	40°	10798.9	11764.0	12265.4	12767.7	13269.0	13673.1	13333.3	12993.5	12653.8
0.0	42.5°	14172.6	15550.0	16270.9	16990.8	17711.6	18342.5	17985.3	17628.1	17270.9
0.0	45°	19113.8	20946.7	21825.5	22703.4	23582.1	24043.1	23528.9	23013.7	22499.5
0.0	47.5°	22570.2	24395.7	25178.1	25960.5	26742.8	27269.0	26640.0	26011.0	25382.9
0.0	50°	24142.3	25878.7	26663.9	27448.1	28233.2	28651.0	27924.7	27197.4	26471.0
0.0	52.5°	24446.2	26068.8	27005.5	27943.0	28879.7	29438.0	28580.3	27721.7	26864.0
0.0	55°	24775.0	26494.9	27581.2	28668.5	29754.8	30528.0	29558.3	28587.6	27617.9
0.0	57.5°	25393.9	27253.4	28337.0	29419.6	30503.2	31159.7	30187.3	29213.9	28241.5
0.0	60°	25449.0	27190.0	28121.2	29053.2	29984.3	30397.6	29467.3	28536.2	27606.0
0.0	62.5°	23806.2	25112.9	25759.4	26405.8	27052.3	27501.3	26530.7	25559.2	24588.6
0.0	65°	19870.5	20679.5	21194.6	21709.8	22224.9	22760.3	21871.4	20982.5	20093.6
0.0	67.5°	15744.7	16363.6	17042.2	17720.8	18399.4	18971.5	18259.8	17547.3	16835.6
	70°	12662.1	13496.8	14259.8	15022.9	15786.0	16254.3	15539.9	14824.6	14110.2
	72.5°	10059.7	10944.0	11581.2	12217.6	12854.9	12969.7	12444.4	11919.2	11394.8
	75°	6108.3	6635.4	6648.3	6660.2	6673.1	6782.4	6347.1	5911.8	5477.5
	77.5°	1801.6	1989.9	2145.1	2299.4	2454.5	2641.9	2482.1	2321.4	2161.6
	80°	521.6	569.3	609.7	649.2	689.6	665.7	628.1	590.4	552.8
	82.5°	93.7	88.2	87.2	86.3	86.3	81.7	74.4	67.0	59.7
	85°	16.5	15.6	14.7	13.8	12.9	11.9	10.1	9.2	7.3
	87.5°	5.5	4.6	3.7	2.8	2.8	0.9	0.9	0.9	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA6A-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°	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
0.0	0.0	2.5°	52.3	51.4	51.4	51.4	51.4	50.5	50.5	50.5	50.5
0.0	0.0	5°	57.9	57.9	56.9	56.9	56.0	56.0	55.1	55.1	54.2
0.0	0.0	7.5°	68.0	67.0	66.1	65.2	64.3	62.4	61.5	60.6	60.6
0.0	0.0	10°	81.7	79.9	79.0	77.1	76.2	74.4	72.5	70.7	68.9
0.0	0.0	12.5°	107.4	103.8	101.0	97.3	93.7	90.9	87.2	84.5	80.8
0.0	0.0	15°	186.4	177.2	167.1	155.2	142.3	130.4	117.5	110.2	101.9
0.0	0.0	17.5°	476.6	428.8	380.2	340.7	301.2	262.6	223.1	194.7	166.2
0.0	0.0	20°	1213.0	1080.8	948.6	818.2	686.9	556.5	425.2	359.0	292.9
0.0	0.0	22.5°	2282.8	2037.6	1791.5	1553.7	1315.0	1077.1	839.3	689.6	540.9
0.0	0.0	25°	3523.4	3214.9	2906.3	2515.1	2123.0	1731.9	1340.7	1097.3	854.0
0.0	0.0	27.5°	4584.9	4229.6	3874.2	3398.5	2922.9	2447.2	1971.5	1608.8	1247.0
0.0	0.0	30°	5504.1	5122.1	4740.1	4186.4	3632.7	3079.0	2525.2	2071.6	1618.0
0.0	0.0	32.5°	6301.2	5843.9	5386.6	4815.4	4244.3	3673.1	3101.9	2545.5	1989.0
0.0	0.0	35°	7220.4	6686.9	6152.4	5518.8	4884.3	4250.7	3617.1	2989.0	2360.0
0.0	0.0	37.5°	8388.4	7733.7	7078.0	6371.9	5665.7	4960.5	4254.4	3536.3	2818.2
0.0	0.0	40°	10624.4	9779.6	8934.8	8037.6	7139.6	6242.4	5345.3	4463.7	3582.2
0.0	0.0	42.5°	14630.8	13489.4	12348.0	11154.3	9959.6	8765.8	7571.2	6327.8	5083.6
0.0	0.0	45°	19152.4	17736.4	16319.5	14979.8	13639.1	12299.3	10959.6	9253.4	7547.3
0.0	0.0	47.5°	21695.1	20166.2	18637.2	17369.1	16101.0	14832.8	13564.7	11725.4	9886.1
0.0	0.0	50°	22630.8	21074.3	19517.9	18350.7	17182.7	16015.6	14847.5	13005.5	11162.5
0.0	0.0	52.5°	22830.1	21242.4	19654.7	18480.2	17305.8	16132.2	14957.7	13127.6	11297.5
0.0	0.0	55°	23239.6	21536.2	19831.9	18493.1	17154.2	15815.4	14476.6	12617.1	10757.6
0.0	0.0	57.5°	23775.0	22028.4	20281.9	18756.6	17231.4	15707.0	14181.8	12148.7	10115.7
0.0	0.0	60°	23634.5	22114.7	20594.1	18960.5	17326.0	15692.4	14057.8	11821.8	9584.9
0.0	0.0	62.5°	21195.6	19985.3	18774.1	17430.6	16086.3	14742.9	13399.4	11097.3	8795.2
0.0	0.0	65°	17437.1	16553.7	15670.3	14589.5	13507.8	12427.0	11346.2	9281.9	7218.5
0.0	0.0	67.5°	14132.2	13136.8	12140.5	11279.1	10416.9	9555.5	8693.3	7068.9	5444.4
		70°	11227.7	10145.1	9061.5	8220.4	7378.3	6537.2	5696.0	4616.2	3537.2
		72.5°	8916.4	7940.3	6964.2	6067.0	5169.0	4271.8	3373.7	2735.5	2097.3
		75°	4261.7	3871.4	3481.2	3011.9	2542.7	2073.5	1604.2	1326.0	1048.7
		77.5°	1579.4	1369.1	1157.9	966.9	775.9	585.9	394.9	361.8	328.7
		80°	408.6	356.3	303.0	265.4	226.8	189.2	151.5	136.8	123.0
		82.5°	46.8	43.2	40.4	38.6	35.8	34.0	31.2	28.5	25.7
		85°	2.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049301

CATALOG NUMBER: GALN-SA6A-927-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	53.3	53.3
0.0	0.0	2.5°	49.6	48.7
0.0	0.0	5°	52.3	51.4
0.0	0.0	7.5°	57.9	56.0
0.0	0.0	10°	63.4	61.5
0.0	0.0	12.5°	71.6	68.9
0.0	0.0	15°	80.8	75.3
0.0	0.0	17.5°	96.4	84.5
0.0	0.0	20°	130.4	100.1
0.0	0.0	22.5°	183.7	124.9
0.0	0.0	25°	270.0	172.6
0.0	0.0	27.5°	375.6	229.6
0.0	0.0	30°	499.5	287.4
0.0	0.0	32.5°	608.8	342.5
0.0	0.0	35°	751.1	398.5
0.0	0.0	37.5°	926.5	470.2
0.0	0.0	40°	1198.3	578.5
0.0	0.0	42.5°	1687.8	778.7
0.0	0.0	45°	2741.0	1346.2
0.0	0.0	47.5°	4217.6	2226.8
0.0	0.0	50°	5159.8	2842.1
0.0	0.0	52.5°	5236.9	2837.5
0.0	0.0	55°	4780.5	2522.5
0.0	0.0	57.5°	4079.0	2108.4
0.0	0.0	60°	3390.3	1667.6
0.0	0.0	62.5°	2671.3	1151.5
0.0	0.0	65°	1952.2	814.5
0.0	0.0	67.5°	1402.2	608.8
		70°	921.9	466.5
		72.5°	600.5	380.2
		75°	404.0	315.0
		77.5°	236.0	209.4
		80°	83.6	73.5
		82.5°	15.6	11.0
		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: P1049301

CATALOG NUMBER: GALN-SA6A-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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

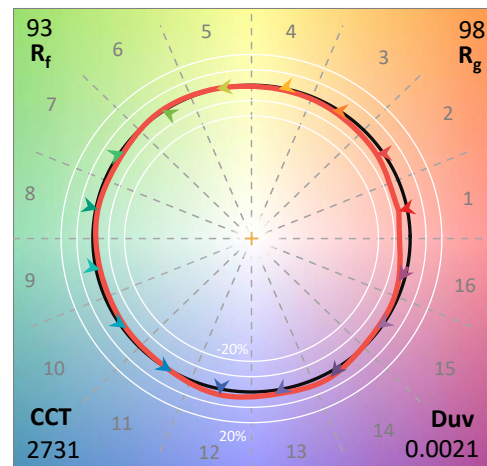
Test Information

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

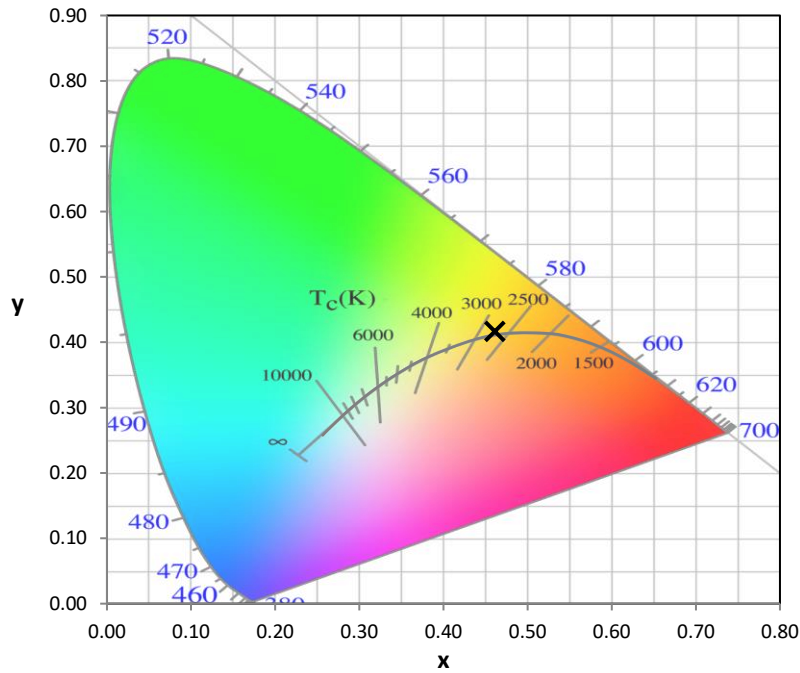
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-13

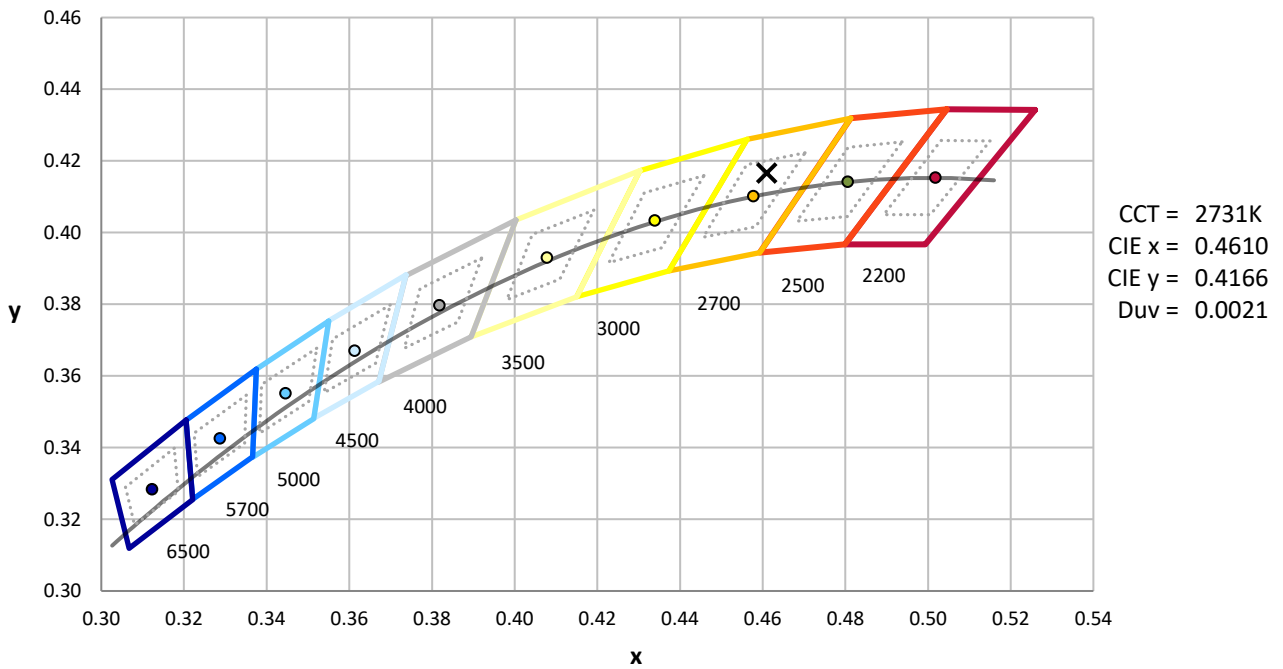
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



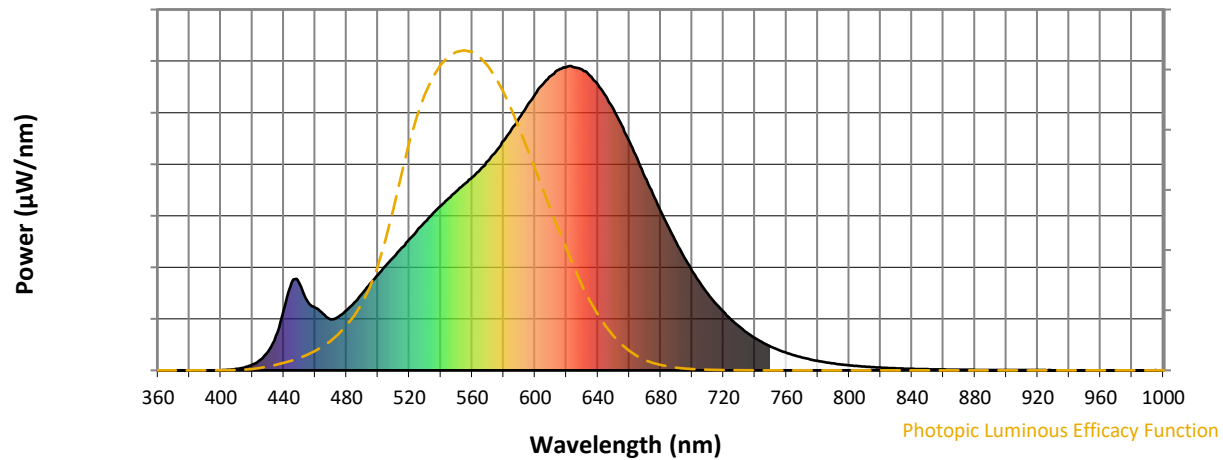
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-13

Photopic Flux vs. Wavelength

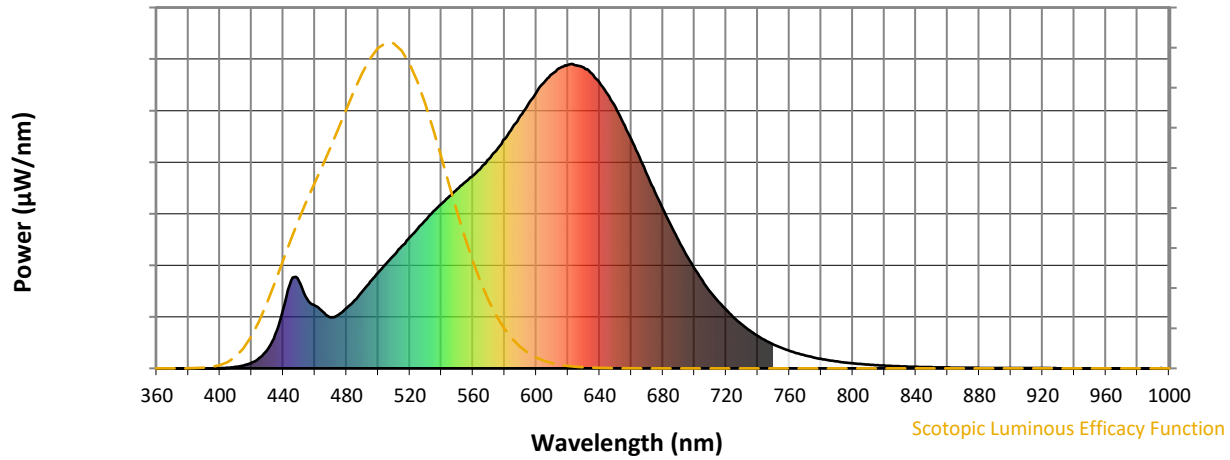


Photopic Lumens: NR

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



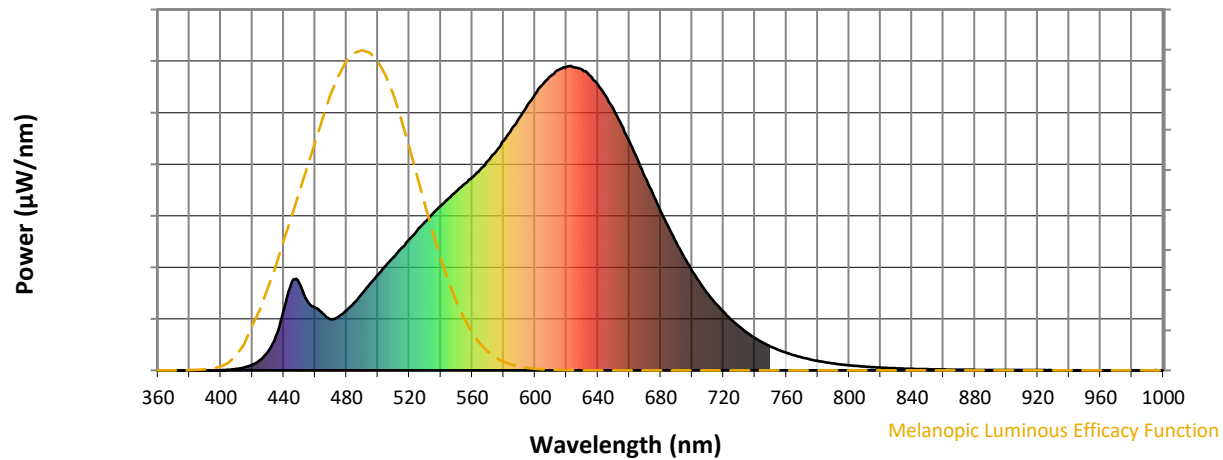
Scotopic Lumens: NR

S/P: 1.27

λ (nm)	Power 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	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			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.38

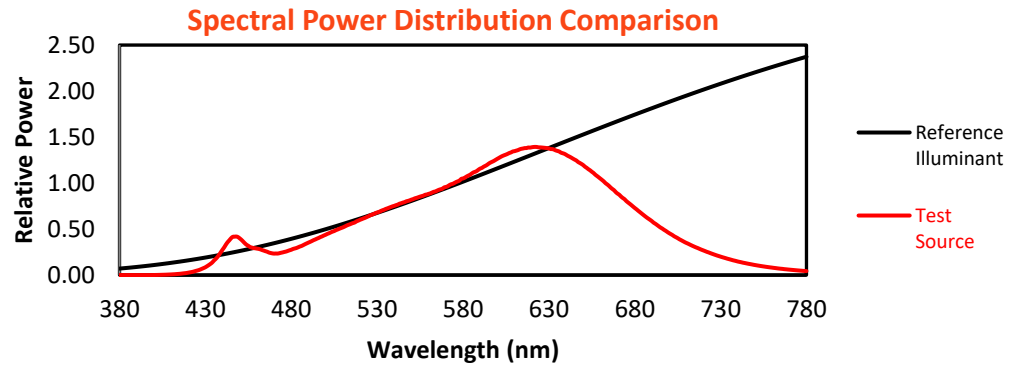
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	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

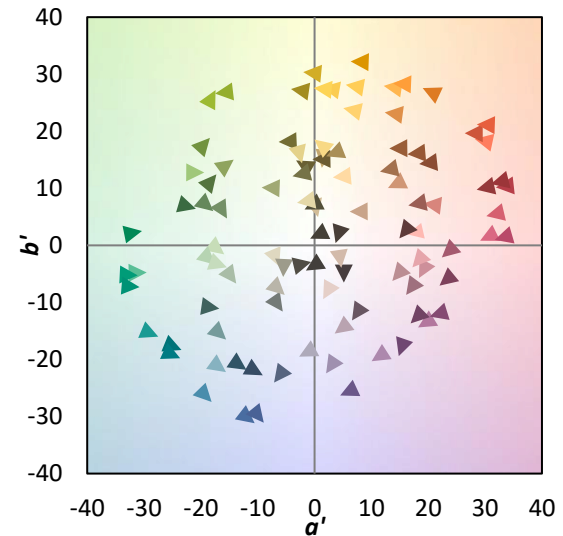
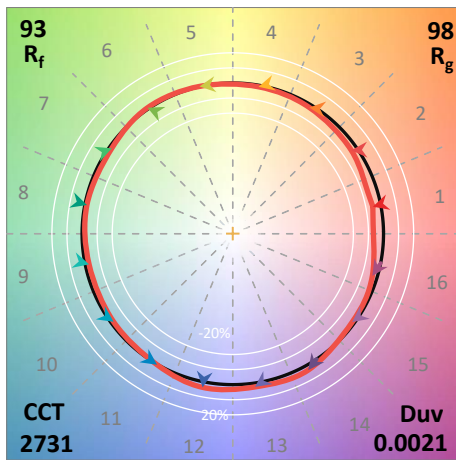
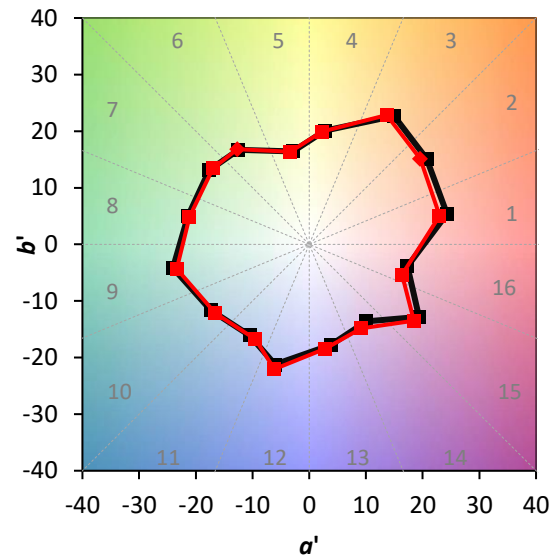
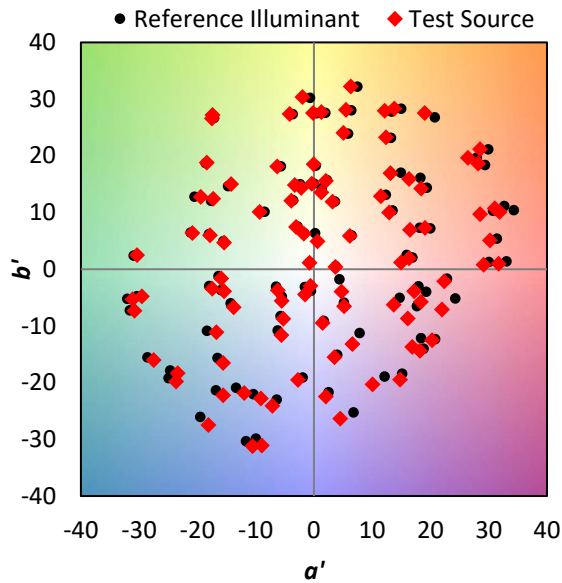
TM-30-18

Summary

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

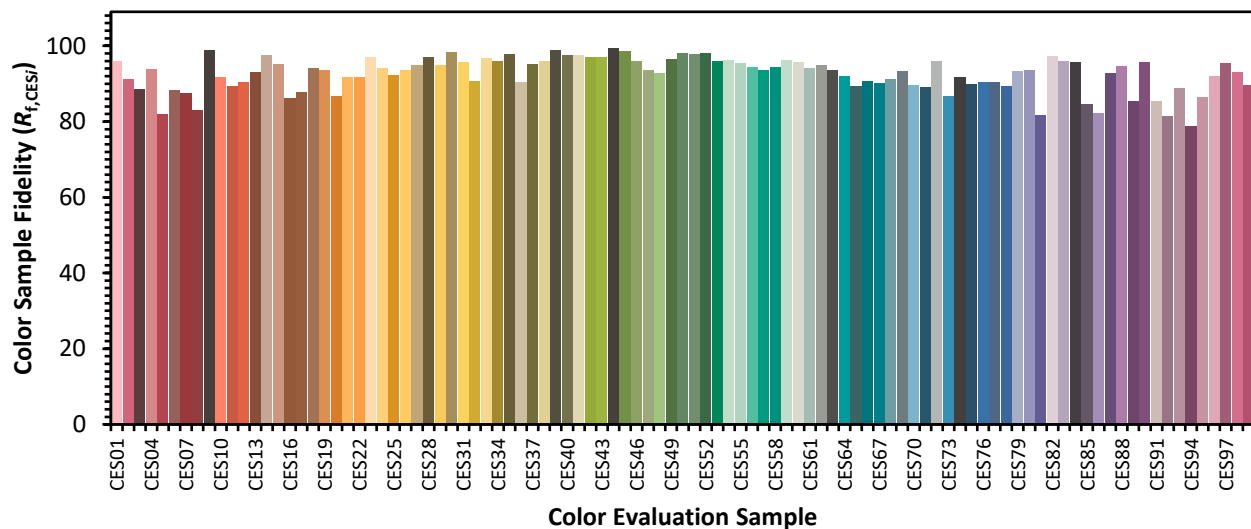


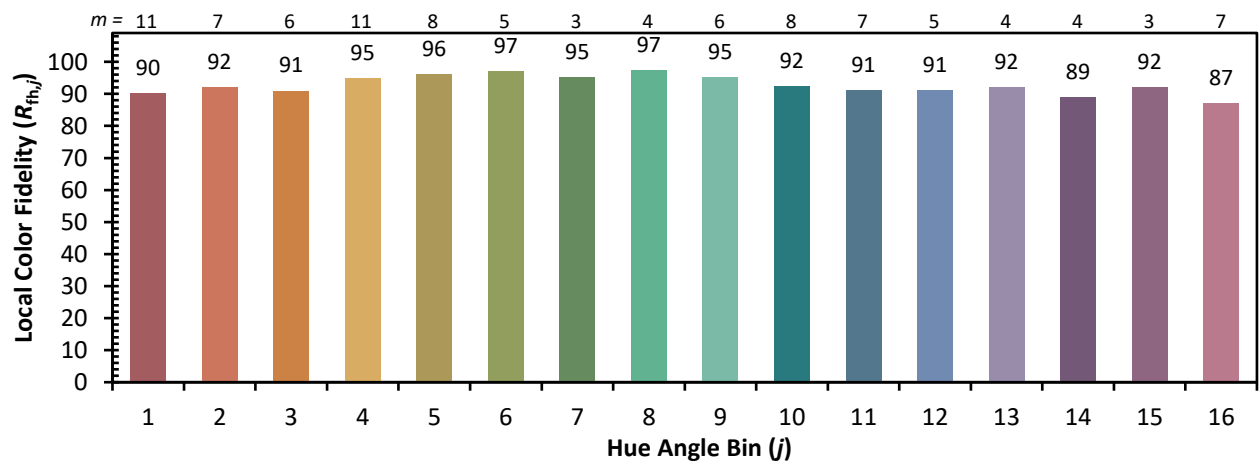
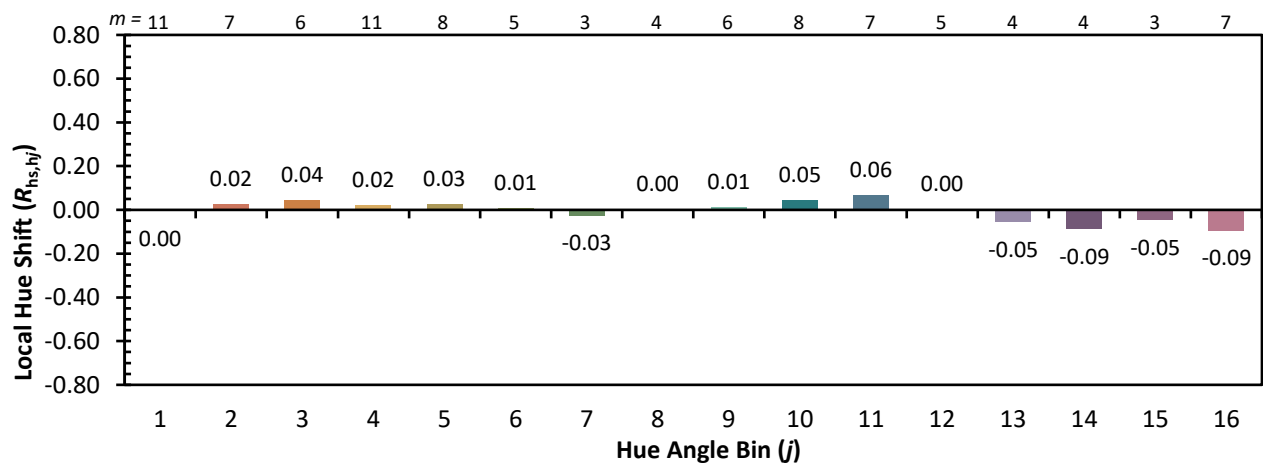
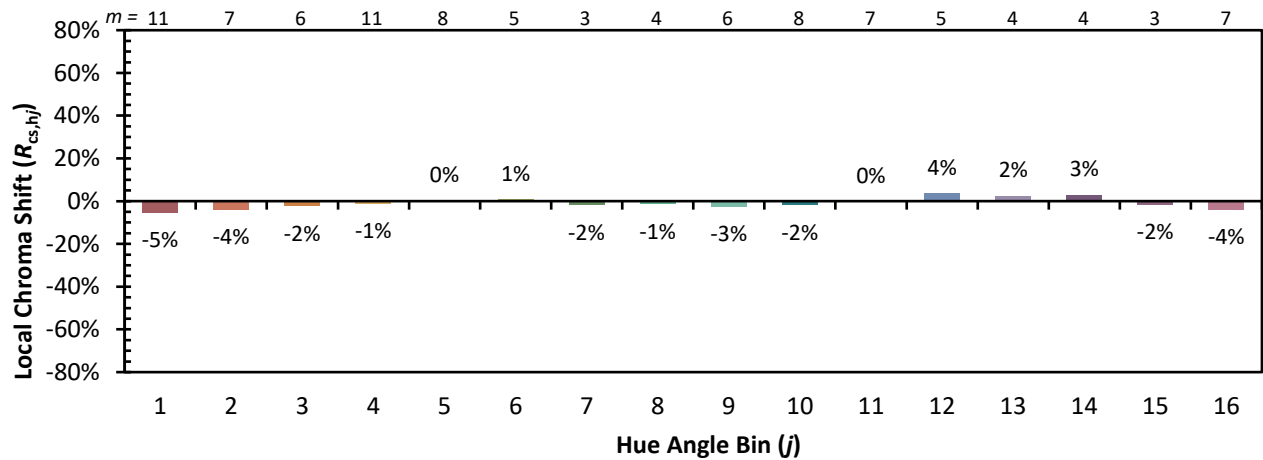
Color Vector Graphics



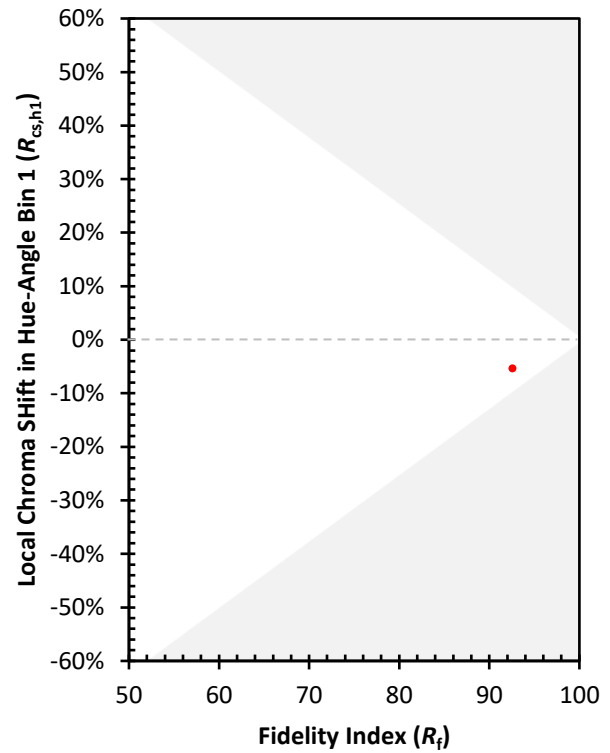
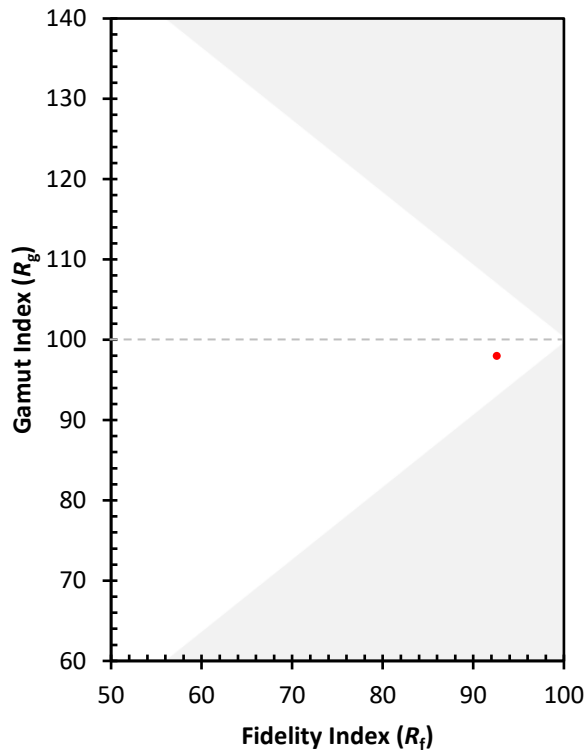
Individual Sample Fidelity Index ($R_{f,i}$)

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)