

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: P1049017

Luminaire Tested: **GALN-SA7A-735-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049017
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7A-735-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
70CRI 3500K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (98) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22346.1 lumens
Efficiency: N/A
Efficacy: 115.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

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

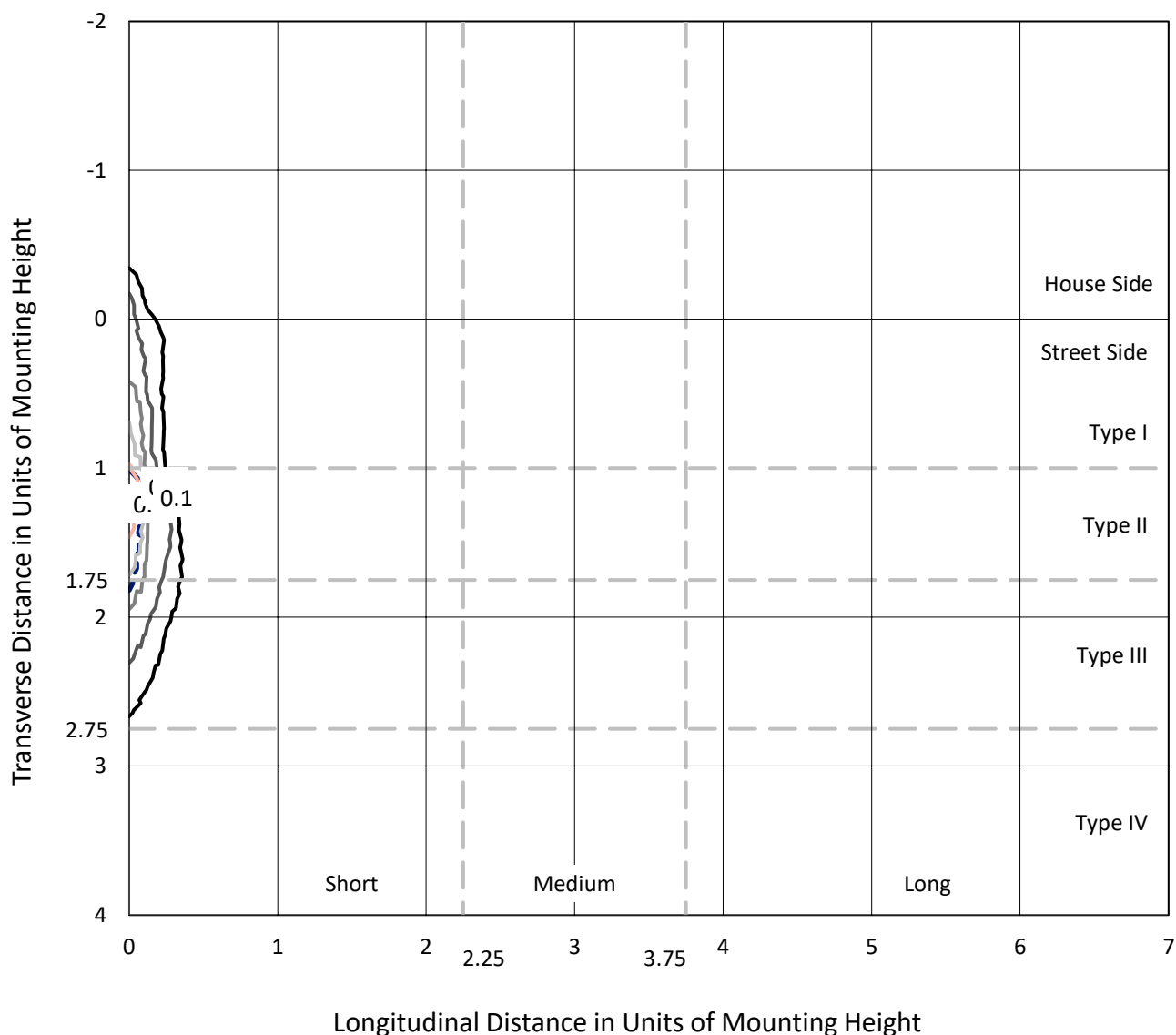
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

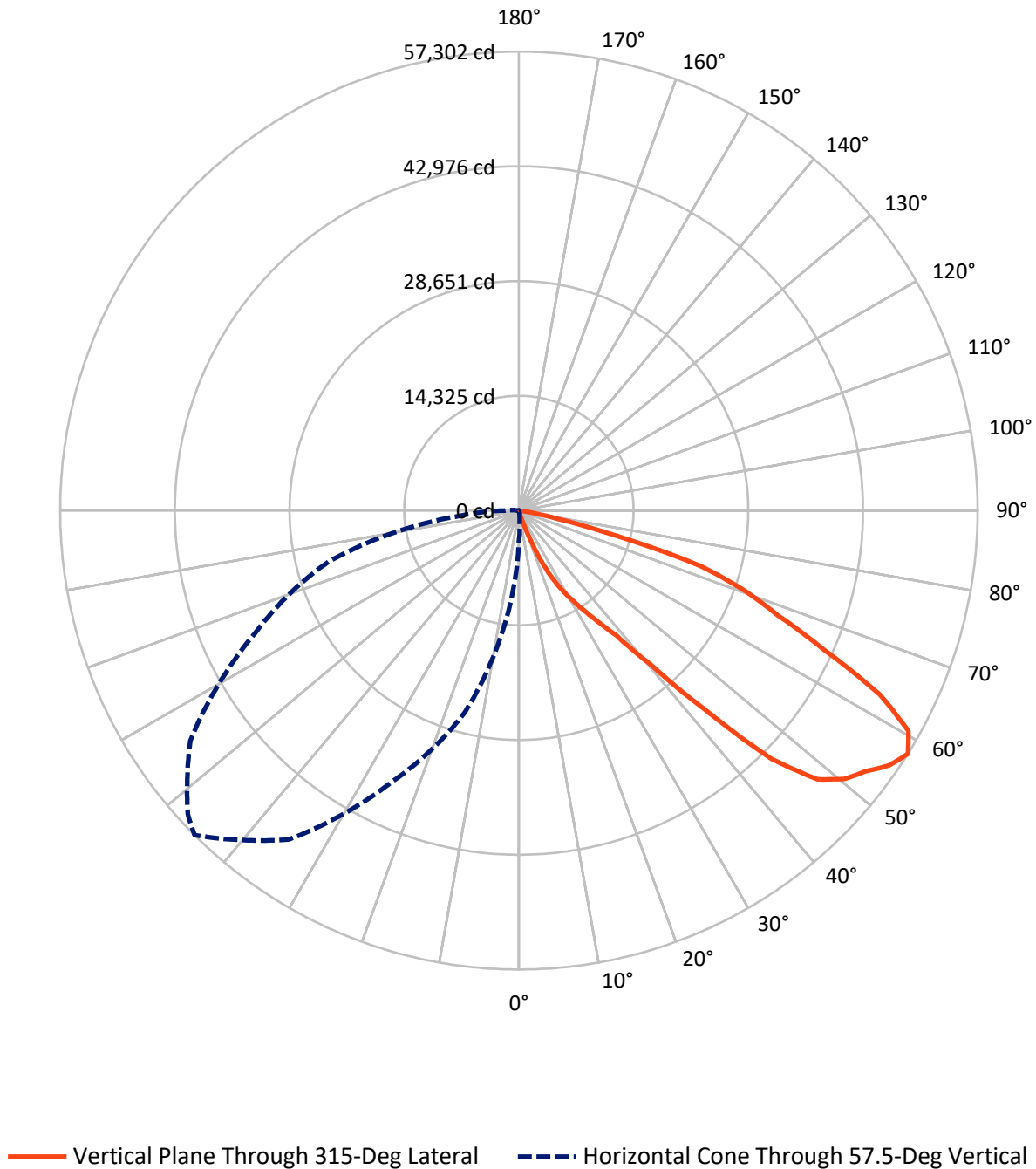


Based on 20 foot mounting height. Maximum calculated value = 3.3 fc

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	111.9	0.0	111.9
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	22234.2	0.0	22234.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	22346.1	0.0	22346.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.8	0.0
10°-20°	49.1	0.2
20°-30°	529.6	2.4
30°-40°	1566.0	7.0
40°-50°	4667.2	20.9
50°-60°	7400.5	33.1
60°-70°	6177.6	27.6
70°-80°	1904.9	8.5
80°-90°	42.4	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°	22346.1	100.0
0°-180°	22346.1	100.0



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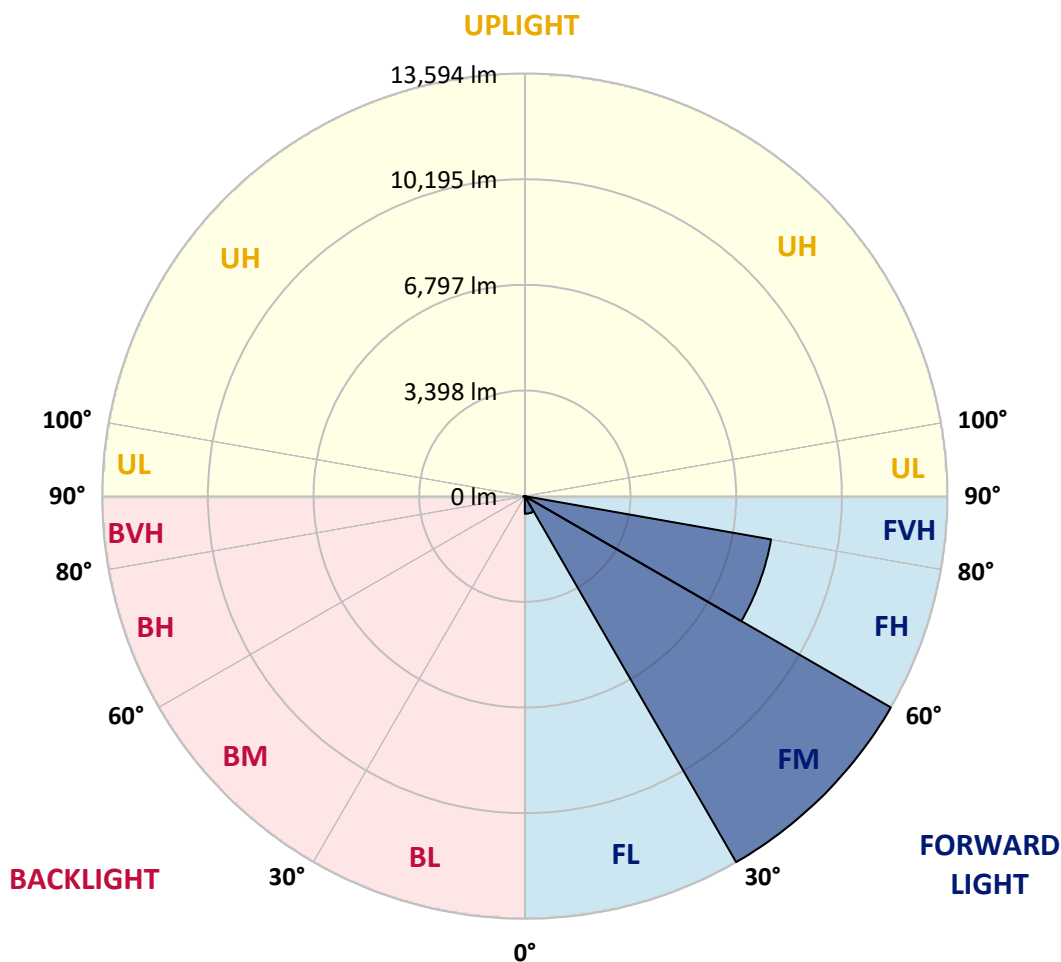
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	566.9	2.5			
FM	(30°-60°)	13593.8	60.8			
FH	(60°-80°)	8040.8	36.0			G4/12000
FVH	(80°-90°)	32.8	0.1			G1/100
BL	(0°-30°)	20.6	0.1	B0/110		
BM	(30°-60°)	40.0	0.2	B0/220		
BH	(60°-80°)	41.7	0.2	B0/110		G0/110
BVH	(80°-90°)	9.6	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

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°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
2.5°	89.5	89.5	89.5	89.5	87.8	87.8	86.1	86.1	84.4	84.4
5°	94.6	94.6	92.9	91.2	91.2	89.5	87.8	86.1	86.1	84.4
7.5°	103.0	101.3	99.6	97.9	94.6	92.9	89.5	87.8	86.1	82.7
10°	113.1	109.8	106.4	103.0	99.6	96.3	92.9	91.2	87.8	86.1
12.5°	126.7	121.6	114.8	109.8	106.4	101.3	97.9	94.6	89.5	86.1
15°	138.5	131.7	123.3	116.5	111.5	104.7	99.6	94.6	91.2	86.1
17.5°	155.4	143.5	130.0	121.6	114.8	106.4	97.9	92.9	87.8	81.1
20°	184.1	160.4	135.1	125.0	114.8	104.7	94.6	87.8	82.7	76.0
22.5°	229.7	189.1	148.6	133.4	119.9	104.7	91.2	84.4	77.7	70.9
25°	317.5	244.9	172.2	152.0	131.7	111.5	91.2	82.7	76.0	67.5
27.5°	422.2	314.1	204.3	175.6	148.6	119.9	91.2	81.1	72.6	62.5
30°	528.6	385.0	239.8	202.6	165.5	128.3	91.2	79.4	69.2	57.4
32.5°	629.9	450.9	270.2	226.3	182.4	136.8	92.9	79.4	65.9	52.3
35°	732.9	504.9	275.3	229.7	184.1	136.8	91.2	76.0	62.5	47.3
37.5°	864.6	565.7	265.1	219.5	175.6	130.0	86.1	72.6	59.1	43.9
40°	1063.9	667.0	270.2	222.9	175.6	128.3	81.1	67.5	55.7	42.2
42.5°	1432.0	862.9	292.1	238.1	184.1	128.3	74.3	62.5	52.3	40.5
45°	2475.6	1433.7	391.8	310.7	229.7	148.6	67.5	57.4	49.0	38.8
47.5°	4095.0	2399.6	704.2	543.8	385.0	224.6	65.9	57.4	49.0	38.8
50°	5226.5	3056.5	886.6	682.2	477.9	273.6	69.2	59.1	50.7	40.5
52.5°	5218.0	3103.8	987.9	758.2	530.2	300.6	72.6	62.5	54.0	43.9
55°	4638.8	2823.5	1006.5	773.4	542.1	309.0	77.7	67.5	57.4	47.3
57.5°	3877.2	2397.9	918.6	710.9	504.9	297.2	89.5	77.7	67.5	55.7
60°	3066.6	1891.3	716.0	565.7	417.1	266.8	118.2	103.0	89.5	74.3
62.5°	2117.6	1371.2	624.8	501.5	380.0	256.7	135.1	119.9	106.4	91.2
65°	1497.9	1031.8	564.0	459.3	356.3	251.6	146.9	130.0	114.8	97.9
67.5°	1119.6	820.7	520.1	430.6	341.1	251.6	162.1	141.8	123.3	103.0
70°	857.8	673.8	488.0	415.4	344.5	271.9	199.3	170.6	143.5	114.8
72.5°	699.1	575.8	450.9	398.5	346.2	293.8	241.5	204.3	167.2	128.3
75°	579.2	493.1	407.0	363.1	320.8	276.9	233.0	199.3	167.2	133.4
77.5°	385.0	351.2	315.8	290.5	265.1	238.1	212.8	184.1	157.0	128.3
80°	135.1	130.0	125.0	135.1	145.2	155.4	165.5	145.2	126.7	106.4
82.5°	20.3	18.6	16.9	18.6	20.3	22.0	23.6	25.3	27.0	28.7
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°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
0.0	2.5°	82.7	82.7	81.1	81.1	81.1	79.4	79.4	77.7	77.7	77.7
0.0	5°	81.1	81.1	79.4	77.7	76.0	76.0	74.3	72.6	72.6	70.9
0.0	7.5°	79.4	77.7	76.0	74.3	72.6	70.9	69.2	67.5	67.5	65.9
0.0	10°	81.1	77.7	76.0	72.6	70.9	69.2	65.9	64.2	62.5	62.5
0.0	12.5°	77.7	76.0	72.6	69.2	67.5	64.2	62.5	59.1	57.4	57.4
0.0	15°	77.7	74.3	69.2	65.9	62.5	60.8	57.4	54.0	52.3	50.7
0.0	17.5°	72.6	69.2	64.2	60.8	57.4	54.0	50.7	47.3	45.6	43.9
0.0	20°	65.9	62.5	57.4	52.3	49.0	45.6	42.2	38.8	37.2	35.5
0.0	22.5°	59.1	55.7	50.7	45.6	42.2	38.8	33.8	30.4	28.7	25.3
0.0	25°	55.7	50.7	45.6	40.5	35.5	32.1	27.0	22.0	18.6	15.2
0.0	27.5°	47.3	42.2	37.2	32.1	27.0	22.0	16.9	11.8	8.4	6.8
0.0	30°	40.5	35.5	30.4	25.3	18.6	13.5	8.4	1.7	1.7	1.7
0.0	32.5°	33.8	28.7	22.0	16.9	13.5	8.4	5.1	0.0	0.0	0.0
0.0	35°	27.0	22.0	15.2	10.1	8.4	5.1	3.4	0.0	0.0	0.0
0.0	37.5°	23.6	18.6	11.8	5.1	3.4	3.4	1.7	0.0	0.0	0.0
0.0	40°	22.0	15.2	8.4	1.7	1.7	1.7	0.0	0.0	0.0	0.0
0.0	42.5°	22.0	15.2	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	22.0	15.2	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	22.0	15.2	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	23.6	16.9	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	27.0	20.3	13.5	6.8	5.1	3.4	1.7	0.0	0.0	0.0
0.0	55°	33.8	30.4	25.3	22.0	16.9	11.8	5.1	0.0	0.0	0.0
0.0	57.5°	43.9	43.9	42.2	40.5	30.4	20.3	10.1	0.0	0.0	0.0
0.0	60°	59.1	59.1	59.1	59.1	43.9	30.4	15.2	0.0	0.0	0.0
0.0	62.5°	72.6	69.2	64.2	60.8	45.6	30.4	15.2	0.0	0.0	0.0
0.0	65°	72.6	65.9	57.4	49.0	37.2	25.3	11.8	0.0	0.0	0.0
0.0	67.5°	67.5	54.0	38.8	25.3	18.6	13.5	6.8	0.0	0.0	0.0
	70°	67.5	47.3	27.0	6.8	5.1	3.4	1.7	0.0	0.0	0.0
	72.5°	67.5	45.6	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	74.3	50.7	25.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	74.3	50.7	25.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	65.9	43.9	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	22.0	15.2	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]



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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
0.0	2.5°	76.0	76.0	76.0	74.3	74.3	74.3	74.3	72.6	72.6	72.6
0.0	5°	69.2	69.2	67.5	67.5	65.9	65.9	64.2	64.2	62.5	62.5
0.0	7.5°	64.2	62.5	62.5	60.8	59.1	59.1	57.4	57.4	55.7	54.0
0.0	10°	59.1	57.4	57.4	55.7	54.0	52.3	52.3	50.7	49.0	47.3
0.0	12.5°	54.0	52.3	50.7	49.0	47.3	45.6	45.6	43.9	42.2	40.5
0.0	15°	47.3	45.6	43.9	42.2	40.5	38.8	38.8	37.2	35.5	33.8
0.0	17.5°	40.5	38.8	38.8	37.2	35.5	33.8	32.1	28.7	27.0	25.3
0.0	20°	30.4	28.7	27.0	25.3	23.6	20.3	18.6	15.2	11.8	10.1
0.0	22.5°	20.3	16.9	15.2	11.8	8.4	6.8	5.1	1.7	0.0	0.0
0.0	25°	6.8	5.1	3.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA7A-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049017

CATALOG NUMBER: GALN-SA7A-735-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
0.0	2.5°	70.9	70.9	70.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2
0.0	5°	60.8	60.8	60.8	59.1	59.1	57.4	57.4	57.4	55.7	55.7
0.0	7.5°	52.3	50.7	50.7	49.0	49.0	47.3	47.3	47.3	45.6	45.6
0.0	10°	43.9	42.2	42.2	40.5	40.5	38.8	38.8	37.2	37.2	35.5
0.0	12.5°	38.8	37.2	35.5	33.8	33.8	32.1	30.4	30.4	28.7	27.0
0.0	15°	30.4	28.7	27.0	25.3	23.6	22.0	20.3	20.3	18.6	16.9
0.0	17.5°	20.3	16.9	15.2	13.5	13.5	11.8	10.1	8.4	6.8	5.1
0.0	20°	5.1	3.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049017

CATALOG NUMBER: GALN-SA7A-735-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049017

CATALOG NUMBER: GALN-SA7A-735-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°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
0.0	2.5°	69.2	67.5	67.5	67.5	69.2	69.2	69.2	69.2	69.2	69.2
0.0	5°	55.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
0.0	7.5°	45.6	43.9	43.9	43.9	43.9	42.2	42.2	42.2	42.2	42.2
0.0	10°	35.5	33.8	33.8	33.8	33.8	32.1	32.1	32.1	32.1	32.1
0.0	12.5°	25.3	25.3	23.6	23.6	23.6	22.0	22.0	22.0	22.0	20.3
0.0	15°	15.2	13.5	11.8	11.8	11.8	10.1	10.1	10.1	10.1	8.4
0.0	17.5°	3.4	3.4	1.7	1.7	1.7	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049017

CATALOG NUMBER: GALN-SA7A-735-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
0.0	2.5°	70.9	70.9	72.6	72.6	74.3	77.7	79.4	81.1	84.4	87.8
0.0	5°	55.7	57.4	57.4	59.1	60.8	62.5	64.2	65.9	69.2	72.6
0.0	7.5°	43.9	43.9	45.6	45.6	47.3	50.7	52.3	54.0	57.4	62.5
0.0	10°	33.8	33.8	35.5	35.5	37.2	40.5	42.2	43.9	47.3	52.3
0.0	12.5°	22.0	23.6	23.6	25.3	27.0	30.4	32.1	33.8	37.2	40.5
0.0	15°	10.1	11.8	11.8	13.5	15.2	18.6	20.3	22.0	25.3	30.4
0.0	17.5°	1.7	1.7	3.4	3.4	5.1	6.8	8.4	10.1	15.2	18.6
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	6.8
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA7A-735-U-RBC

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REPORT NUMBER: P1049017

CATALOG NUMBER: GALN-SA7A-735-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°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
0.0	2.5°	92.9	96.3	99.6	103.0	106.4	109.8	111.5	114.8	116.5	118.2
0.0	5°	79.4	82.7	87.8	91.2	94.6	97.9	101.3	103.0	104.7	106.4
0.0	7.5°	69.2	72.6	77.7	81.1	84.4	87.8	91.2	94.6	96.3	97.9
0.0	10°	59.1	64.2	67.5	72.6	76.0	79.4	82.7	86.1	89.5	91.2
0.0	12.5°	47.3	52.3	57.4	60.8	65.9	70.9	74.3	77.7	81.1	84.4
0.0	15°	37.2	42.2	47.3	50.7	55.7	60.8	65.9	69.2	72.6	76.0
0.0	17.5°	27.0	32.1	37.2	40.5	45.6	50.7	54.0	59.1	62.5	65.9
0.0	20°	13.5	18.6	23.6	28.7	33.8	38.8	42.2	47.3	50.7	54.0
0.0	22.5°	1.7	6.8	11.8	15.2	20.3	25.3	28.7	33.8	37.2	40.5
0.0	25°	0.0	1.7	5.1	6.8	8.4	11.8	15.2	18.6	22.0	25.3
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.7	3.4	6.8	10.1	13.5
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7	3.4
	85°	0.0	0.0	0.0	0.0	0.0	3.4	5.1	8.4	10.1	11.8
	87.5°	0.0	1.7	3.4	5.1	6.8	10.1	13.5	16.9	18.6	20.3
	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: P1049017

CATALOG NUMBER: GALN-SA7A-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
97.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.7											
6.8											
15.2											
22.0											
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REPORT NUMBER: P1049017

CATALOG NUMBER: GALN-SA7A-735-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
0.0	2.5°	119.9	119.9	119.9	119.9	118.2	118.2	118.2	116.5	116.5	114.8
0.0	5°	109.8	111.5	111.5	111.5	111.5	111.5	111.5	111.5	109.8	109.8
0.0	7.5°	101.3	103.0	104.7	104.7	106.4	106.4	106.4	104.7	104.7	103.0
0.0	10°	96.3	97.9	97.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0.0	12.5°	89.5	91.2	92.9	92.9	94.6	94.6	94.6	94.6	92.9	92.9
0.0	15°	81.1	84.4	86.1	87.8	87.8	89.5	89.5	89.5	89.5	89.5
0.0	17.5°	74.3	77.7	79.4	81.1	81.1	82.7	82.7	84.4	84.4	84.4
0.0	20°	60.8	64.2	65.9	69.2	70.9	72.6	74.3	76.0	76.0	77.7
0.0	22.5°	47.3	50.7	52.3	55.7	57.4	59.1	60.8	62.5	64.2	65.9
0.0	25°	33.8	37.2	38.8	42.2	43.9	45.6	47.3	49.0	49.0	50.7
0.0	27.5°	18.6	22.0	25.3	27.0	30.4	32.1	33.8	35.5	37.2	38.8
0.0	30°	8.4	10.1	11.8	15.2	16.9	18.6	20.3	23.6	25.3	27.0
0.0	32.5°	0.0	0.0	1.7	5.1	6.8	8.4	10.1	11.8	11.8	13.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.4	5.1	6.8
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	3.4	3.4	3.4	5.1	5.1	5.1	5.1	5.1	5.1	5.1
	82.5°	8.4	10.1	11.8	11.8	13.5	13.5	13.5	13.5	11.8	11.8
	85°	16.9	18.6	20.3	20.3	22.0	22.0	22.0	22.0	22.0	22.0
	87.5°	23.6	25.3	27.0	27.0	28.7	28.7	28.7	28.7	28.7	28.7
	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: P1049017

CATALOG NUMBER: GALN-SA7A-735-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
97.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	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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0.0											
5.1											
11.8											
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REPORT NUMBER: P1049017

CATALOG NUMBER: GALN-SA7A-735-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°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
0.0	2.5°	113.1	113.1	111.5	111.5	111.5	111.5	111.5	113.1	114.8	114.8
0.0	5°	108.1	108.1	106.4	106.4	106.4	108.1	108.1	109.8	111.5	113.1
0.0	7.5°	103.0	101.3	101.3	103.0	103.0	104.7	104.7	106.4	108.1	109.8
0.0	10°	99.6	97.9	97.9	97.9	99.6	99.6	101.3	103.0	104.7	106.4
0.0	12.5°	92.9	92.9	92.9	92.9	94.6	94.6	96.3	97.9	101.3	103.0
0.0	15°	89.5	87.8	87.8	87.8	87.8	89.5	89.5	92.9	96.3	97.9
0.0	17.5°	82.7	82.7	81.1	81.1	82.7	82.7	84.4	87.8	91.2	92.9
0.0	20°	76.0	74.3	72.6	72.6	74.3	74.3	76.0	79.4	82.7	84.4
0.0	22.5°	65.9	64.2	64.2	64.2	64.2	65.9	65.9	69.2	74.3	77.7
0.0	25°	52.3	54.0	54.0	55.7	55.7	57.4	59.1	62.5	67.5	70.9
0.0	27.5°	40.5	42.2	42.2	45.6	47.3	49.0	50.7	55.7	60.8	64.2
0.0	30°	30.4	32.1	33.8	35.5	38.8	42.2	45.6	50.7	55.7	59.1
0.0	32.5°	18.6	22.0	23.6	27.0	30.4	33.8	37.2	42.2	49.0	54.0
0.0	35°	13.5	15.2	18.6	20.3	23.6	27.0	30.4	37.2	42.2	49.0
0.0	37.5°	6.8	10.1	13.5	16.9	20.3	23.6	27.0	33.8	40.5	45.6
0.0	40°	5.1	8.4	10.1	13.5	18.6	22.0	25.3	32.1	38.8	45.6
0.0	42.5°	3.4	5.1	6.8	11.8	15.2	20.3	25.3	32.1	38.8	45.6
0.0	45°	3.4	3.4	5.1	10.1	15.2	22.0	27.0	33.8	38.8	45.6
0.0	47.5°	3.4	5.1	6.8	13.5	16.9	22.0	27.0	32.1	38.8	43.9
0.0	50°	5.1	6.8	8.4	15.2	18.6	23.6	27.0	33.8	38.8	45.6
0.0	52.5°	3.4	5.1	6.8	13.5	18.6	25.3	30.4	37.2	43.9	49.0
0.0	55°	1.7	1.7	1.7	10.1	20.3	28.7	38.8	43.9	50.7	55.7
0.0	57.5°	0.0	0.0	0.0	6.8	20.3	32.1	43.9	52.3	60.8	69.2
0.0	60°	0.0	0.0	0.0	6.8	16.9	27.0	37.2	50.7	65.9	79.4
0.0	62.5°	0.0	0.0	0.0	5.1	13.5	22.0	30.4	50.7	70.9	89.5
0.0	65°	0.0	0.0	0.0	5.1	13.5	20.3	28.7	50.7	70.9	92.9
0.0	67.5°	0.0	0.0	0.0	5.1	13.5	22.0	30.4	50.7	70.9	91.2
	70°	0.0	0.0	0.0	5.1	15.2	23.6	33.8	50.7	67.5	84.4
	72.5°	0.0	0.0	0.0	6.8	15.2	25.3	35.5	50.7	65.9	79.4
	75°	0.0	0.0	0.0	5.1	15.2	23.6	33.8	49.0	64.2	77.7
	77.5°	5.1	3.4	3.4	8.4	15.2	22.0	28.7	43.9	60.8	76.0
	80°	10.1	10.1	8.4	11.8	15.2	20.3	25.3	38.8	54.0	67.5
	82.5°	20.3	20.3	18.6	20.3	20.3	22.0	23.6	30.4	37.2	43.9
	85°	27.0	27.0	25.3	25.3	25.3	23.6	23.6	23.6	23.6	22.0
	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):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
97.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5											
101.3											
94.6											
92.9											
91.2											
81.1											
50.7											
22.0											
0.0											
0.0											
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REPORT NUMBER: P1049017

CATALOG NUMBER: GALN-SA7A-735-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
0.0	2.5°	118.2	119.9	119.9	121.6	123.3	125.0	125.0	126.7	126.7	126.7
0.0	5°	116.5	119.9	121.6	123.3	125.0	126.7	128.3	130.0	131.7	131.7
0.0	7.5°	114.8	116.5	119.9	121.6	125.0	126.7	130.0	131.7	133.4	135.1
0.0	10°	111.5	114.8	118.2	121.6	125.0	128.3	131.7	135.1	138.5	140.2
0.0	12.5°	108.1	113.1	116.5	119.9	125.0	130.0	133.4	138.5	141.8	145.2
0.0	15°	106.4	109.8	114.8	118.2	125.0	131.7	136.8	143.5	150.3	155.4
0.0	17.5°	101.3	108.1	113.1	118.2	125.0	133.4	140.2	146.9	157.0	167.2
0.0	20°	94.6	99.6	106.4	111.5	121.6	130.0	140.2	148.6	163.8	179.0
0.0	22.5°	87.8	94.6	99.6	106.4	118.2	128.3	140.2	150.3	175.6	199.3
0.0	25°	81.1	89.5	96.3	103.0	116.5	130.0	143.5	157.0	199.3	241.5
0.0	27.5°	77.7	84.4	92.9	99.6	116.5	135.1	152.0	168.9	236.4	302.3
0.0	30°	72.6	81.1	87.8	96.3	118.2	140.2	162.1	184.1	287.1	390.1
0.0	32.5°	67.5	76.0	84.4	92.9	121.6	150.3	177.3	206.0	341.1	474.5
0.0	35°	62.5	72.6	81.1	89.5	126.7	165.5	202.6	239.8	390.1	538.7
0.0	37.5°	60.8	70.9	79.4	87.8	128.3	167.2	207.7	246.5	395.2	543.8
0.0	40°	62.5	70.9	81.1	89.5	123.3	157.0	189.1	222.9	378.3	531.9
0.0	42.5°	62.5	72.6	82.7	92.9	119.9	146.9	173.9	201.0	373.2	545.4
0.0	45°	60.8	70.9	81.1	91.2	116.5	140.2	165.5	189.1	403.6	616.4
0.0	47.5°	59.1	69.2	79.4	89.5	114.8	140.2	165.5	190.8	521.8	851.1
0.0	50°	59.1	69.2	77.7	86.1	116.5	148.6	179.0	209.4	759.9	1308.7
0.0	52.5°	62.5	70.9	77.7	84.4	119.9	157.0	192.5	228.0	965.9	1702.2
0.0	55°	67.5	72.6	79.4	84.4	128.3	170.6	214.5	256.7	1028.4	1800.1
0.0	57.5°	74.3	79.4	84.4	89.5	143.5	197.6	249.9	304.0	1033.5	1761.3
0.0	60°	82.7	89.5	94.6	99.6	157.0	216.2	273.6	331.0	935.5	1538.4
0.0	62.5°	101.3	109.8	116.5	125.0	180.7	234.7	290.5	344.5	776.8	1209.1
0.0	65°	116.5	123.3	130.0	136.8	190.8	246.5	300.6	354.6	658.6	962.5
0.0	67.5°	119.9	126.7	131.7	138.5	194.2	249.9	304.0	359.7	564.0	766.7
	70°	121.6	130.0	140.2	148.6	206.0	263.4	319.2	376.6	499.8	623.1
	72.5°	116.5	133.4	148.6	163.8	217.8	270.2	324.2	376.6	464.4	552.2
	75°	116.5	140.2	162.1	184.1	224.6	263.4	304.0	342.8	410.3	477.9
	77.5°	123.3	153.7	184.1	214.5	238.1	260.1	283.7	305.7	349.6	393.5
	80°	123.3	155.4	185.8	217.8	228.0	239.8	249.9	260.1	265.1	270.2
	82.5°	106.4	131.7	157.0	182.4	170.6	158.7	146.9	135.1	126.7	116.5
	85°	54.0	59.1	62.5	65.9	60.8	55.7	50.7	45.6	42.2	37.2
	87.5°	22.0	22.0	20.3	20.3	20.3	20.3	18.6	18.6	18.6	18.6
	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

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CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
97.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
265.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
359.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
499.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
677.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
846.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
960.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1047.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1133.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1302.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1639.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2499.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3828.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4819.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4929.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4448.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3802.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2972.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2245.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1658.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1173.6											
873.0											
634.9											
477.9											
268.5											
121.6											
35.5											
16.9											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA7A-735-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°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
0.0	2.5°	126.7	125.0	125.0	123.3	121.6	119.9	118.2	116.5	114.8	113.1
0.0	5°	131.7	131.7	131.7	130.0	130.0	128.3	128.3	126.7	125.0	123.3
0.0	7.5°	136.8	138.5	138.5	140.2	140.2	140.2	140.2	138.5	138.5	138.5
0.0	10°	145.2	146.9	148.6	150.3	152.0	153.7	153.7	155.4	155.4	155.4
0.0	12.5°	155.4	160.4	163.8	168.9	172.2	177.3	180.7	185.8	189.1	192.5
0.0	15°	170.6	179.0	189.1	197.6	206.0	217.8	231.3	243.2	255.0	273.6
0.0	17.5°	192.5	219.5	246.5	271.9	298.9	358.0	417.1	474.5	533.6	619.7
0.0	20°	234.7	315.8	395.2	476.2	555.6	763.3	969.3	1177.0	1383.0	1604.2
0.0	22.5°	329.3	528.6	727.8	927.1	1126.3	1560.3	1992.6	2426.6	2858.9	3367.2
0.0	25°	477.9	844.3	1210.8	1575.5	1942.0	2620.8	3301.4	3980.2	4659.1	5319.3
0.0	27.5°	695.7	1256.4	1817.0	2376.0	2936.6	3856.9	4779.0	5699.3	6619.6	7366.0
0.0	30°	964.2	1724.1	2484.0	3243.9	4003.9	5050.8	6097.8	7143.1	8190.1	9005.7
0.0	32.5°	1217.5	2148.0	3078.5	4007.2	4937.7	6129.9	7323.8	8516.0	9708.2	10599.8
0.0	35°	1383.0	2507.7	3634.0	4758.7	5883.3	7173.5	8463.6	9752.1	11042.3	12060.5
0.0	37.5°	1548.5	2847.1	4144.0	5442.6	6739.5	8156.3	9573.1	10989.9	12406.7	13664.8
0.0	40°	1734.3	3257.5	4779.0	6302.1	7823.6	9502.2	11179.0	12857.6	14534.4	16309.2
0.0	42.5°	2056.8	3938.0	5820.9	7702.1	9583.2	11803.8	14024.5	16243.4	18464.0	20997.0
0.0	45°	2663.0	5314.3	7967.2	10618.4	13269.6	16211.3	19154.7	22096.3	25038.0	28408.6
0.0	47.5°	4147.4	7794.9	11440.8	15088.3	18734.2	21910.6	25085.3	28261.7	31436.4	34793.5
0.0	50°	6346.0	10591.4	14836.7	19080.4	23325.7	26199.8	29072.3	31946.4	34818.8	38012.1
0.0	52.5°	7936.8	12359.4	16783.8	21206.4	25629.0	28222.9	30818.3	33412.2	36006.0	38989.9
0.0	55°	8056.7	12454.0	16853.0	21250.3	25647.6	28253.2	30858.9	33464.5	36070.1	39233.0
0.0	57.5°	7133.0	11494.8	15855.0	20216.8	24577.0	27544.0	30509.3	33476.3	36441.6	39861.2
0.0	60°	6067.4	10431.0	14792.8	19156.3	23518.2	26936.1	30355.6	33773.5	37191.4	40394.8
0.0	62.5°	4733.4	9221.9	13712.1	18200.6	22689.1	26159.3	29629.5	33098.1	36568.3	38971.3
0.0	65°	3527.6	7886.1	12244.6	16601.4	20959.9	23739.4	26519.0	29296.8	32076.4	33564.1
0.0	67.5°	2549.9	6308.9	10066.2	13825.2	17582.5	19571.8	21561.0	23548.6	25537.9	26676.0
	70°	1724.1	4328.1	6930.3	9534.3	12136.5	13771.2	15407.5	17042.1	18676.8	20213.5
	72.5°	1193.9	2656.3	4120.4	5582.8	7045.2	8689.9	10333.0	11977.8	13620.9	15247.1
	75°	792.0	1457.3	2124.4	2789.7	3455.0	4672.6	5891.8	7109.3	8326.9	9296.2
	77.5°	562.3	761.6	962.5	1161.8	1361.1	1589.0	1818.7	2046.7	2274.6	2620.8
	80°	266.8	292.1	317.5	341.1	366.4	449.2	531.9	614.7	697.4	785.2
	82.5°	126.7	136.8	146.9	155.4	165.5	173.9	182.4	190.8	199.3	190.8
	85°	33.8	33.8	35.5	35.5	35.5	35.5	35.5	35.5	35.5	33.8
	87.5°	15.2	15.2	15.2	15.2	15.2	15.2	15.2	13.5	13.5	11.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
97.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
194.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
293.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
704.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1827.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3875.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5979.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8112.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9823.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11493.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13078.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14924.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18084.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23530.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31779.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38150.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41205.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41973.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42397.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43280.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43596.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41376.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35053.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27815.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21748.5											
16873.3											
10265.5											
2967.0											
873.0											
180.7											
32.1											
11.8											
0.0											
0.0											
0.0											
0.0											
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0.0											

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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
0.0	2.5°	109.8	108.1	106.4	104.7	103.0	99.6	99.6	97.9	97.9
0.0	5°	119.9	118.2	116.5	114.8	114.8	113.1	111.5	111.5	109.8
0.0	7.5°	136.8	135.1	133.4	131.7	131.7	130.0	130.0	128.3	128.3
0.0	10°	157.0	157.0	157.0	157.0	157.0	155.4	155.4	155.4	153.7
0.0	12.5°	197.6	199.3	202.6	206.0	211.1	211.1	211.1	209.4	209.4
0.0	15°	312.4	331.0	344.5	358.0	369.8	396.8	393.5	388.4	385.0
0.0	17.5°	790.3	874.7	920.3	964.2	1009.8	1134.8	1114.5	1094.3	1075.7
0.0	20°	2048.4	2269.6	2416.5	2563.4	2712.0	2946.7	2889.3	2831.9	2774.5
0.0	22.5°	4382.1	4890.4	5111.6	5332.8	5552.4	5836.1	5652.0	5467.9	5285.6
0.0	25°	6638.2	7298.5	7671.7	8044.9	8416.4	8578.5	8338.7	8097.2	7857.4
0.0	27.5°	8858.8	9605.2	9934.5	10262.1	10591.4	10930.8	10633.6	10334.7	10037.5
0.0	30°	10638.7	11454.3	11810.6	12165.2	12521.5	12758.0	12450.6	12141.6	11834.2
0.0	32.5°	12384.8	13276.4	13666.5	14056.5	14444.9	14784.4	14406.1	14026.1	13647.9
0.0	35°	14095.4	15113.7	15650.7	16187.7	16724.7	17040.4	16591.2	16140.4	15691.2
0.0	37.5°	16182.6	17440.7	18041.8	18643.0	19244.2	19820.0	19325.2	18828.7	18334.0
0.0	40°	19858.8	21633.6	22555.7	23479.4	24401.4	25144.4	24519.6	23894.8	23270.0
0.0	42.5°	26063.0	28596.0	29921.7	31245.6	32571.2	33731.3	33074.4	32417.5	31760.6
0.0	45°	35149.8	38520.4	40136.5	41750.8	43366.9	44214.6	43269.0	42321.6	41376.0
0.0	47.5°	41506.0	44863.1	46301.8	47740.6	49179.3	50146.9	48990.2	47833.5	46678.4
0.0	50°	44397.0	47590.3	49034.1	50476.2	51920.0	52688.4	51352.7	50015.2	48679.5
0.0	52.5°	44955.9	47939.8	49662.3	51386.4	53108.9	54135.6	52558.4	50979.5	49402.2
0.0	55°	45560.5	48723.4	50721.1	52720.5	54718.2	56140.1	54356.8	52571.9	50788.6
0.0	57.5°	46698.7	50118.2	52110.9	54101.8	56094.5	57301.9	55513.6	53723.6	51935.2
0.0	60°	46800.0	50001.7	51714.0	53428.0	55140.4	55900.3	54189.6	52477.3	50766.7
0.0	62.5°	43778.9	46181.9	47370.8	48559.6	49748.4	50574.2	48789.2	47002.6	45217.7
0.0	65°	36541.3	38029.0	38976.3	39923.7	40871.0	41855.5	40220.9	38586.3	36951.6
0.0	67.5°	28954.0	30092.2	31340.1	32588.1	33836.0	34888.1	33579.3	32268.9	30960.2
	70°	23285.2	24820.2	26223.5	27626.7	29030.0	29891.3	28577.5	27262.0	25948.2
	72.5°	18499.5	20125.6	21297.6	22467.8	23639.8	23850.9	22884.9	21919.0	20954.8
	75°	11233.1	12202.4	12226.0	12248.0	12271.6	12472.6	11672.1	10871.7	10073.0
	77.5°	3313.2	3659.4	3944.7	4228.4	4513.8	4858.3	4564.5	4269.0	3975.1
	80°	959.2	1047.0	1121.3	1193.9	1268.2	1224.3	1155.1	1085.8	1016.6
	82.5°	172.2	162.1	160.4	158.7	158.7	150.3	136.8	123.3	109.8
	85°	30.4	28.7	27.0	25.3	23.6	22.0	18.6	16.9	13.5
	87.5°	10.1	8.4	6.8	5.1	5.1	1.7	1.7	1.7	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]



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CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
0.0	0.0	2.5°	96.3	94.6	94.6	94.6	94.6	92.9	92.9	92.9	92.9
0.0	0.0	5°	106.4	106.4	104.7	104.7	103.0	103.0	101.3	101.3	99.6
0.0	0.0	7.5°	125.0	123.3	121.6	119.9	118.2	114.8	113.1	111.5	111.5
0.0	0.0	10°	150.3	146.9	145.2	141.8	140.2	136.8	133.4	130.0	126.7
0.0	0.0	12.5°	197.6	190.8	185.8	179.0	172.2	167.2	160.4	155.4	148.6
0.0	0.0	15°	342.8	325.9	307.3	285.4	261.7	239.8	216.2	202.6	187.4
0.0	0.0	17.5°	876.4	788.6	699.1	626.5	553.9	483.0	410.3	358.0	305.7
0.0	0.0	20°	2230.7	1987.6	1744.4	1504.6	1263.1	1023.3	781.9	660.3	538.7
0.0	0.0	22.5°	4198.0	3747.2	3294.6	2857.2	2418.2	1980.8	1543.5	1268.2	994.6
0.0	0.0	25°	6479.5	5912.1	5344.7	4625.3	3904.2	3184.8	2465.5	2018.0	1570.5
0.0	0.0	27.5°	8431.6	7778.0	7124.5	6249.8	5375.1	4500.3	3625.6	2958.6	2293.2
0.0	0.0	30°	10121.9	9419.4	8716.9	7698.7	6680.4	5662.1	4643.9	3809.7	2975.4
0.0	0.0	32.5°	11587.7	10746.7	9905.8	8855.4	7805.1	6754.7	5704.3	4681.0	3657.7
0.0	0.0	35°	13278.1	12296.9	11314.1	10148.9	8982.1	7816.9	6651.7	5496.6	4339.9
0.0	0.0	37.5°	15426.1	14222.0	13016.3	11717.7	10419.1	9122.2	7823.6	6503.1	5182.5
0.0	0.0	40°	19538.0	17984.4	16430.8	14781.0	13129.5	11479.6	9829.8	8208.7	6587.5
0.0	0.0	42.5°	26905.7	24806.7	22707.6	20512.4	18315.4	16120.1	13923.1	11636.7	9348.5
0.0	0.0	45°	35220.7	32616.8	30011.2	27547.4	25081.9	22618.1	20154.4	17016.8	13879.2
0.0	0.0	47.5°	39896.7	37085.0	34273.4	31941.3	29609.3	27277.2	24945.1	21562.7	18180.3
0.0	0.0	50°	41617.4	38755.1	35892.8	33746.5	31598.5	29452.2	27304.2	23916.7	20527.6
0.0	0.0	52.5°	41983.9	39064.2	36144.4	33984.6	31824.8	29666.7	27506.9	24141.3	20775.8
0.0	0.0	55°	42737.0	39604.5	36470.3	34008.3	31546.2	29084.1	26622.0	23202.4	19782.8
0.0	0.0	57.5°	43721.5	40509.7	37297.8	34492.9	31688.0	28884.8	26079.9	22341.2	18602.5
0.0	0.0	60°	43463.2	40668.4	37871.9	34867.8	31861.9	28857.8	25851.9	21740.0	17626.4
0.0	0.0	62.5°	38978.0	36752.4	34525.0	32054.5	29582.2	27111.7	24641.2	20407.7	16174.1
0.0	0.0	65°	32066.3	30441.8	28817.3	26829.7	24840.4	22852.9	20865.3	17069.1	13274.7
0.0	0.0	67.5°	25988.7	24158.2	22326.0	20742.0	19156.3	17572.4	15986.7	12999.4	10012.2
		70°	20647.4	18656.5	16663.9	15117.0	13568.5	12021.7	10474.9	8489.0	6504.8
		72.5°	16397.0	14602.0	12806.9	11157.1	9505.6	7855.7	6204.2	5030.6	3856.9
		75°	7837.1	7119.5	6401.8	5538.9	4675.9	3813.0	2950.1	2438.4	1928.5
		77.5°	2904.5	2517.8	2129.4	1778.2	1426.9	1077.4	726.1	665.3	604.5
		80°	751.5	655.2	557.3	488.0	417.1	347.9	278.6	251.6	226.3
		82.5°	86.1	79.4	74.3	70.9	65.9	62.5	57.4	52.3	47.3
		85°	5.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049017

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	97.9	97.9
0.0	0.0	2.5°	91.2	89.5
0.0	0.0	5°	96.3	94.6
0.0	0.0	7.5°	106.4	103.0
0.0	0.0	10°	116.5	113.1
0.0	0.0	12.5°	131.7	126.7
0.0	0.0	15°	148.6	138.5
0.0	0.0	17.5°	177.3	155.4
0.0	0.0	20°	239.8	184.1
0.0	0.0	22.5°	337.7	229.7
0.0	0.0	25°	496.5	317.5
0.0	0.0	27.5°	690.7	422.2
0.0	0.0	30°	918.6	528.6
0.0	0.0	32.5°	1119.6	629.9
0.0	0.0	35°	1381.3	732.9
0.0	0.0	37.5°	1703.9	864.6
0.0	0.0	40°	2203.7	1063.9
0.0	0.0	42.5°	3103.8	1432.0
0.0	0.0	45°	5040.7	2475.6
0.0	0.0	47.5°	7756.1	4095.0
0.0	0.0	50°	9488.7	5226.5
0.0	0.0	52.5°	9630.5	5218.0
0.0	0.0	55°	8791.2	4638.8
0.0	0.0	57.5°	7501.1	3877.2
0.0	0.0	60°	6234.6	3066.6
0.0	0.0	62.5°	4912.4	2117.6
0.0	0.0	65°	3590.1	1497.9
0.0	0.0	67.5°	2578.6	1119.6
		70°	1695.4	857.8
		72.5°	1104.4	699.1
		75°	743.0	579.2
		77.5°	434.0	385.0
		80°	153.7	135.1
		82.5°	28.7	20.3
		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: P1049017

CATALOG NUMBER: GALN-SA7A-735-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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

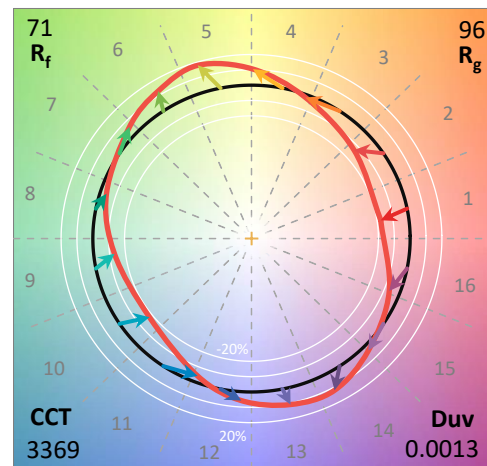
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3369
 CIE u': 0.2386
 CIE v': 0.5156
 Duv: 0.0013
 CIE x: 0.4143
 CIE y: 0.3980
 CIE z: 0.1877
 Peak Wavelength (nm): 590
 Dominant Wavelength (nm): 580
 Purity: 43.80166
 Rf: 71.4
 Rg: 96

CRI (Ra): 70.1
 R1: 66.6
 R2: 77.6
 R3: 88.5
 R4: 69.5
 R5: 66.4
 R6: 69.6
 R7: 77.5
 R8: 44.9
 R9: -40.2
 R10: 49.1
 R11: 66.3
 R12: 45.7
 R13: 68.0
 R14: 93.4
 R15: 57.6



Test Conditions

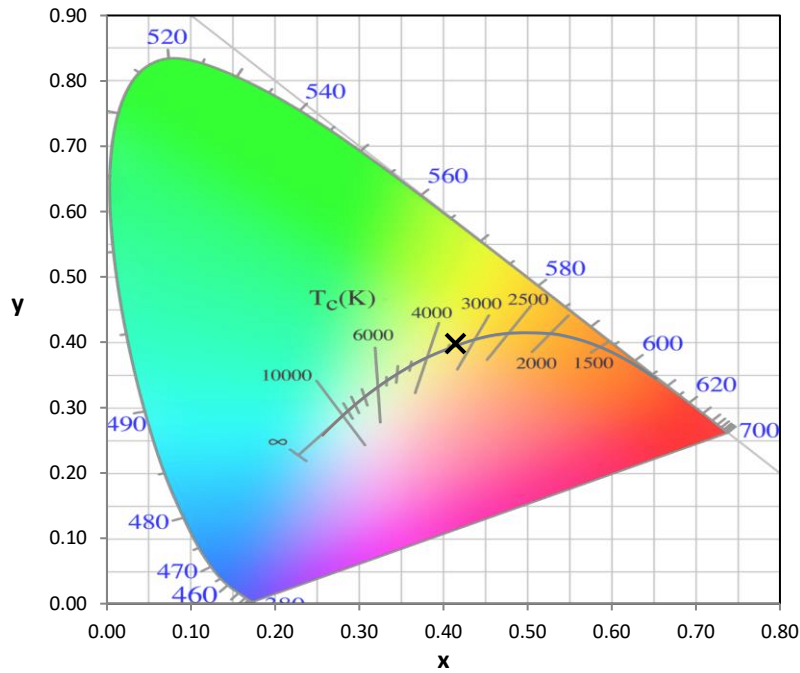
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

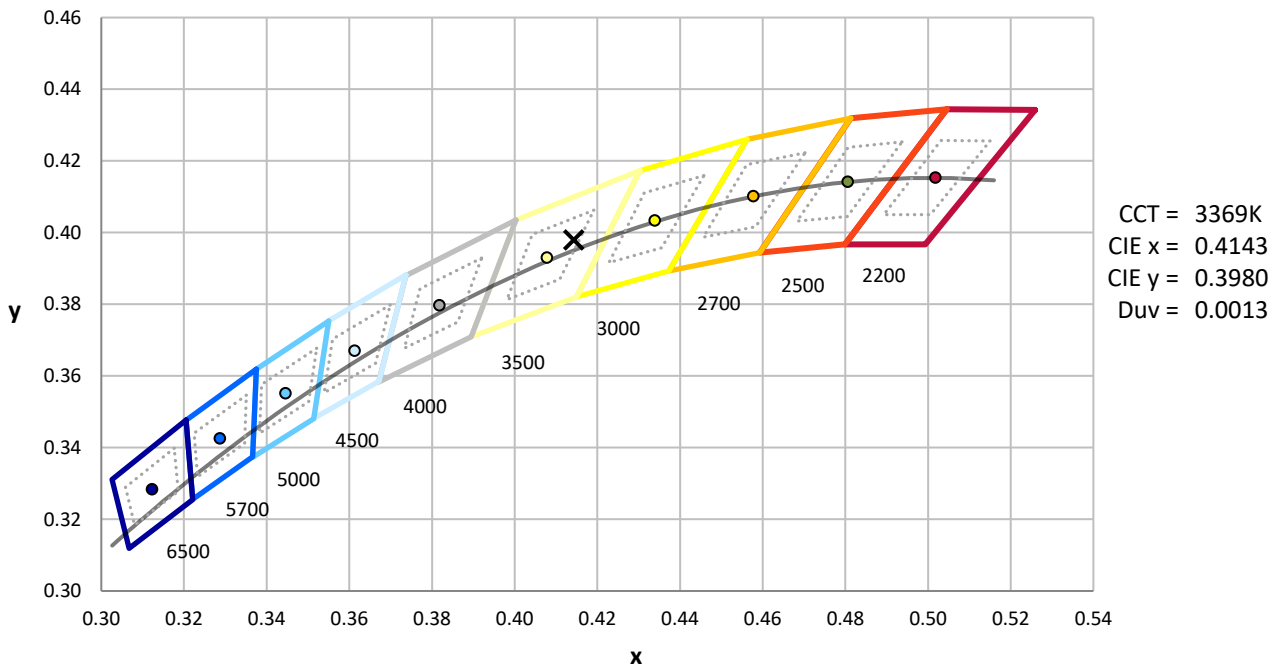
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-5

CIE 1931 Chromaticity Diagram



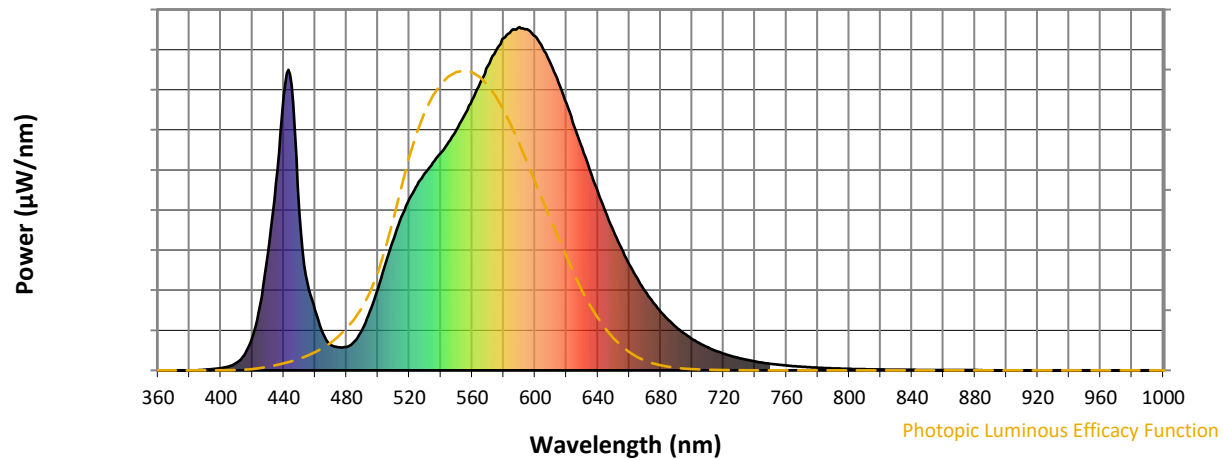
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3500K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-5

Photopic Flux vs. Wavelength

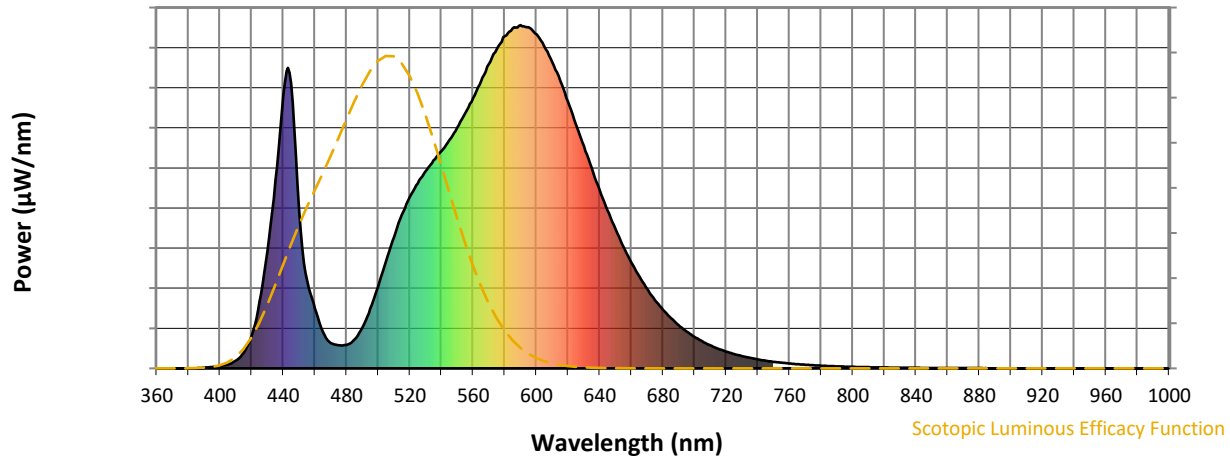


Photopic Lumens: NR

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength

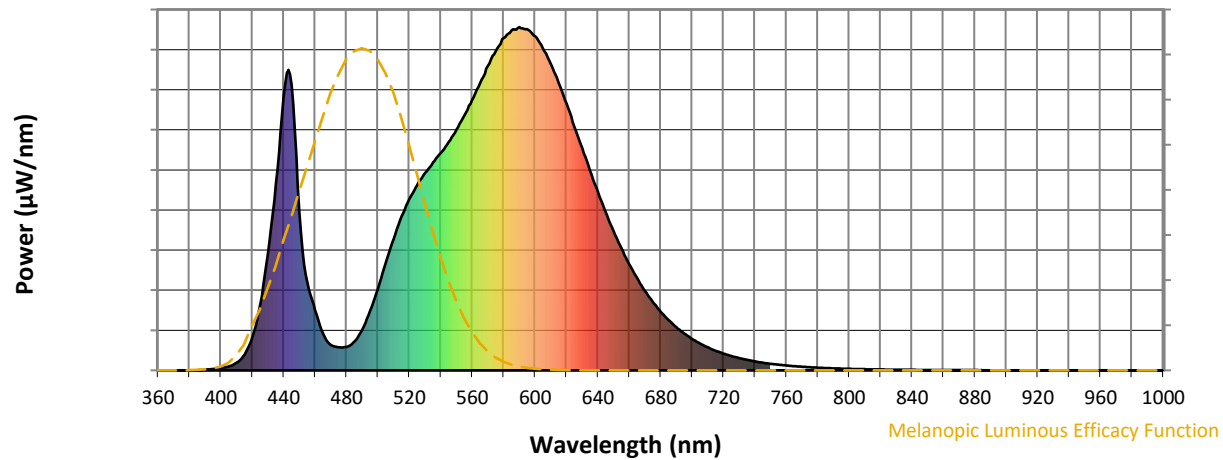


Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Melanopic Flux vs. Wavelength

Melanopic Lumens: NR
M/P: 2.36

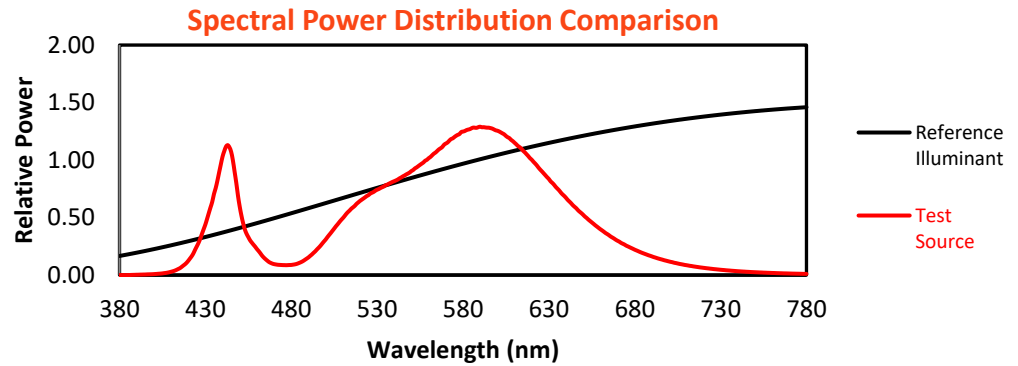
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

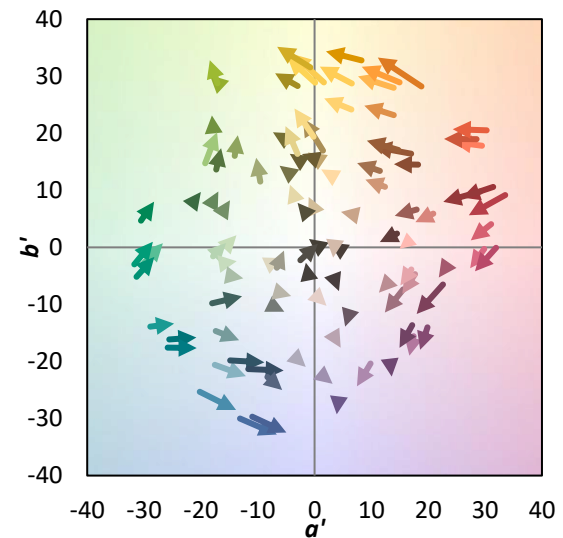
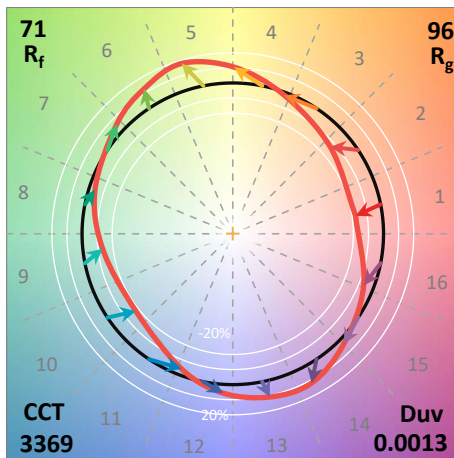
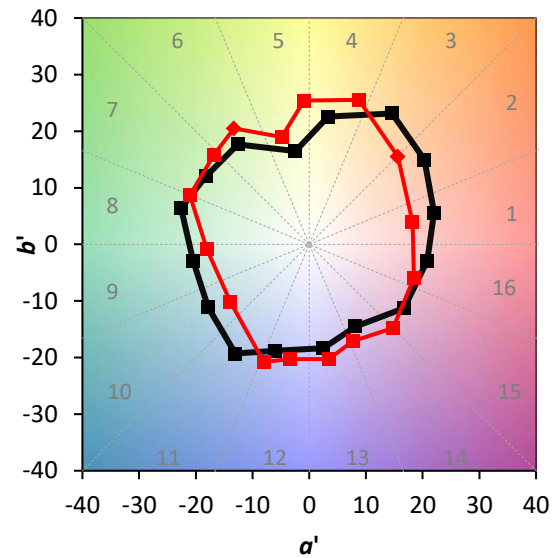
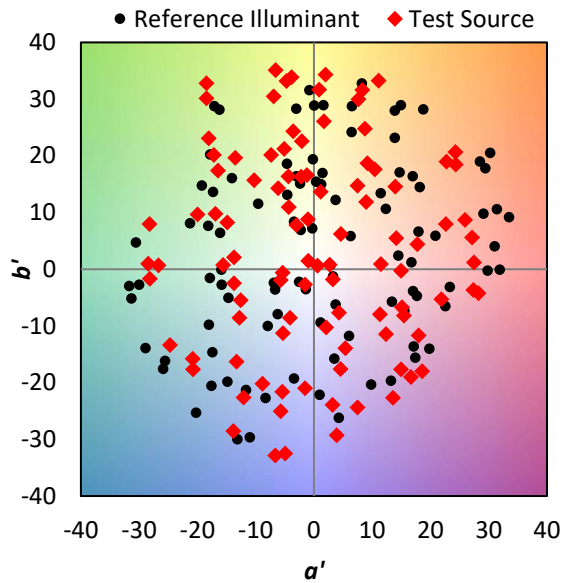
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 CIE $R_a = 70.1$
 $R_g = -40.2$

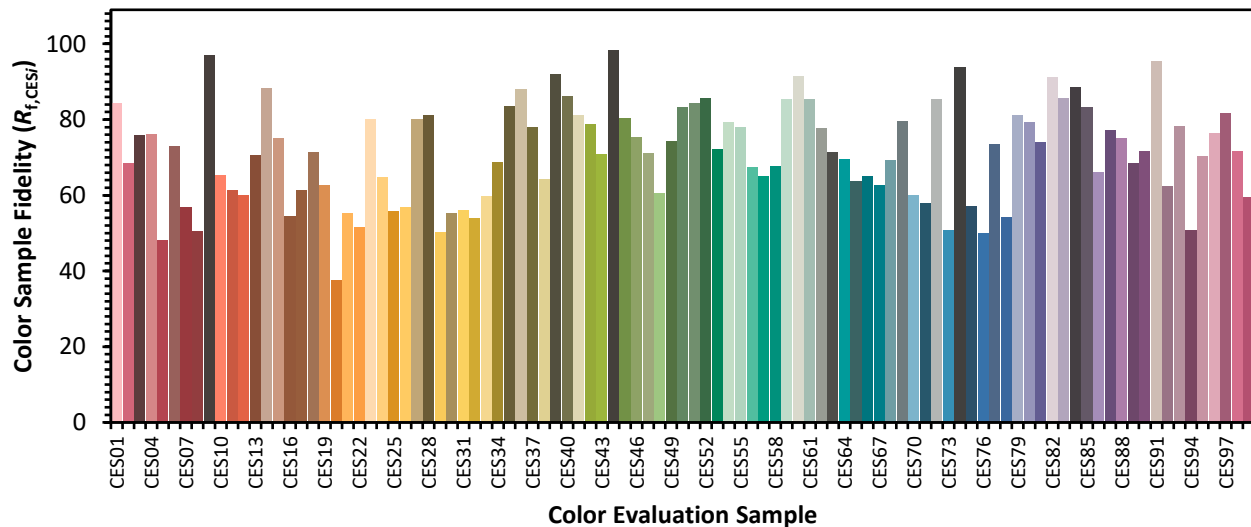


Color Vector Graphics

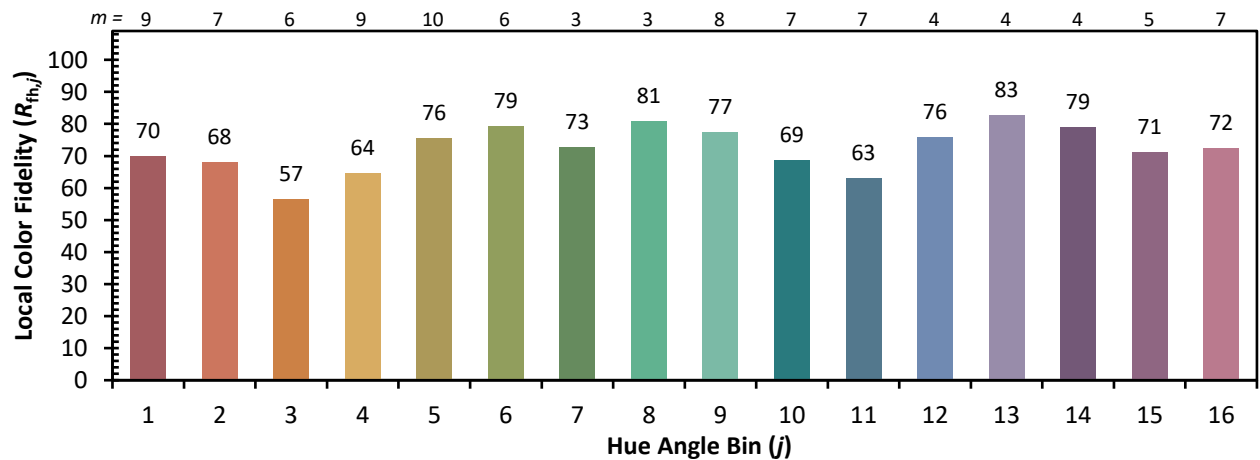
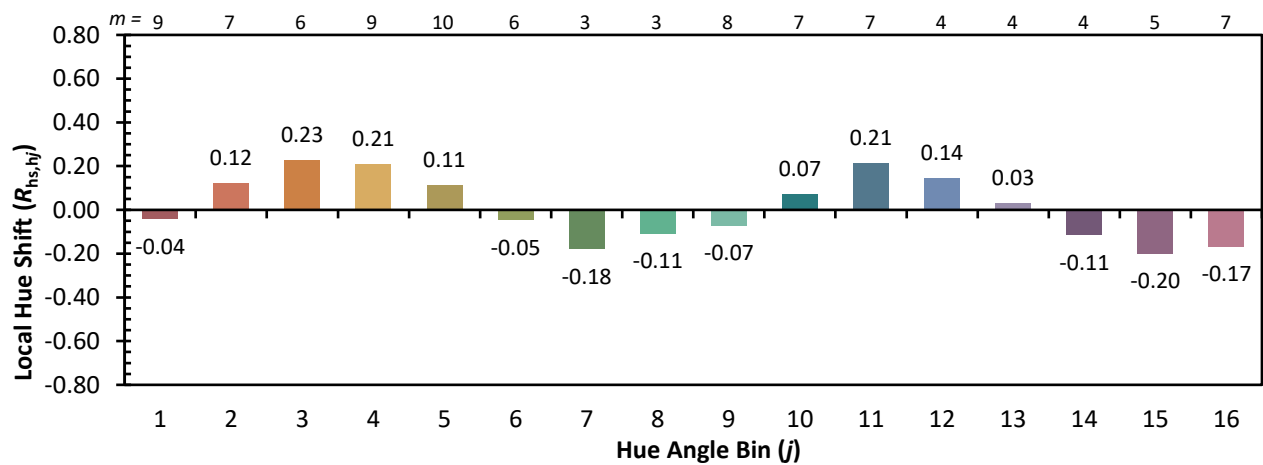
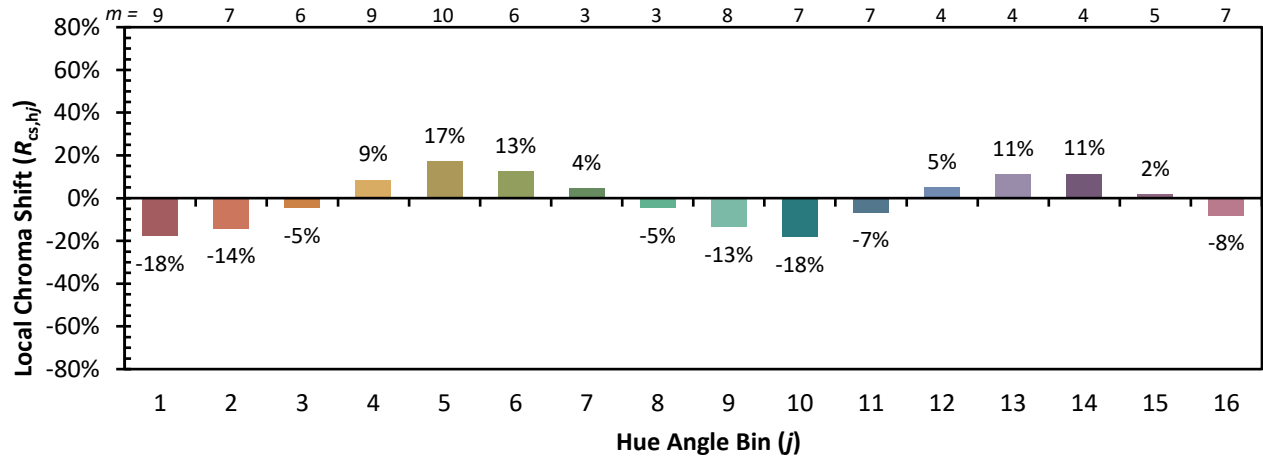


Individual Sample Fidelity Index ($R_{f,i}$)

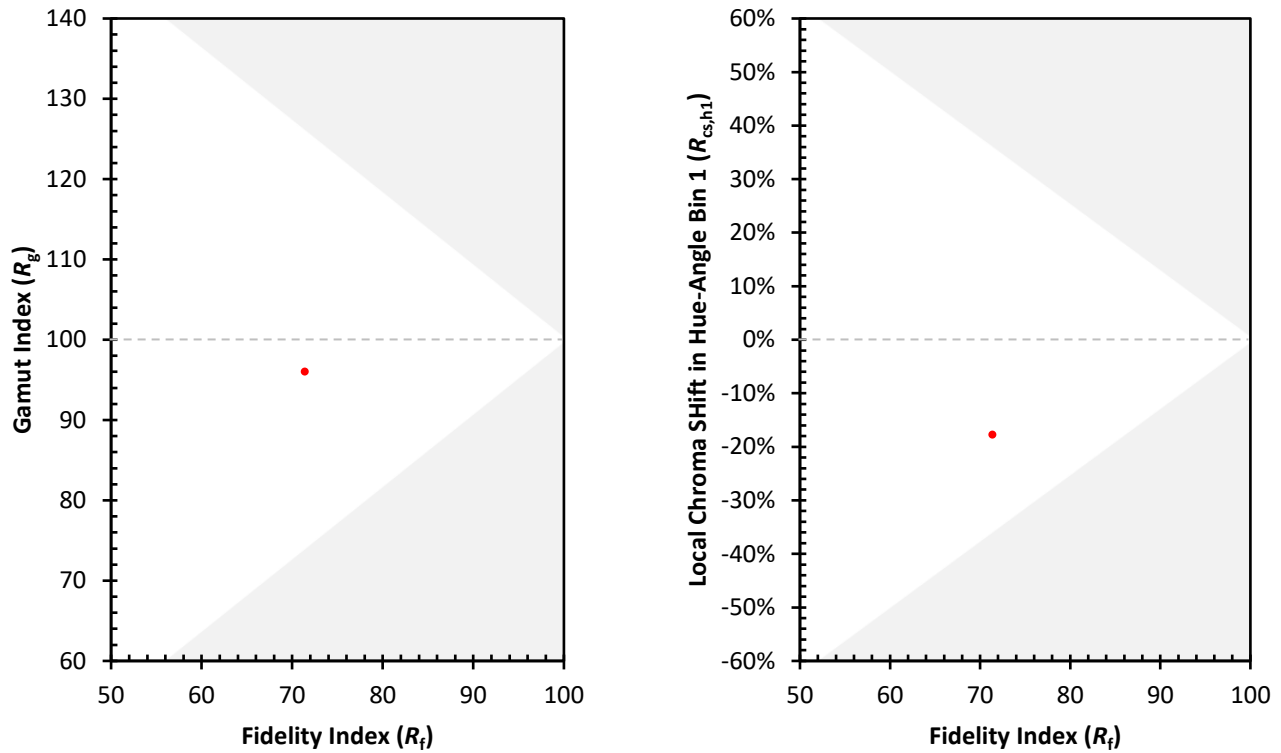
CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)