

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: P1048983

Luminaire Tested: **GALN-SA7C-730-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048983
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7C-730-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE
70CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (98) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 34247.4 lumens
Efficiency: N/A
Efficacy: 103.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 330
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

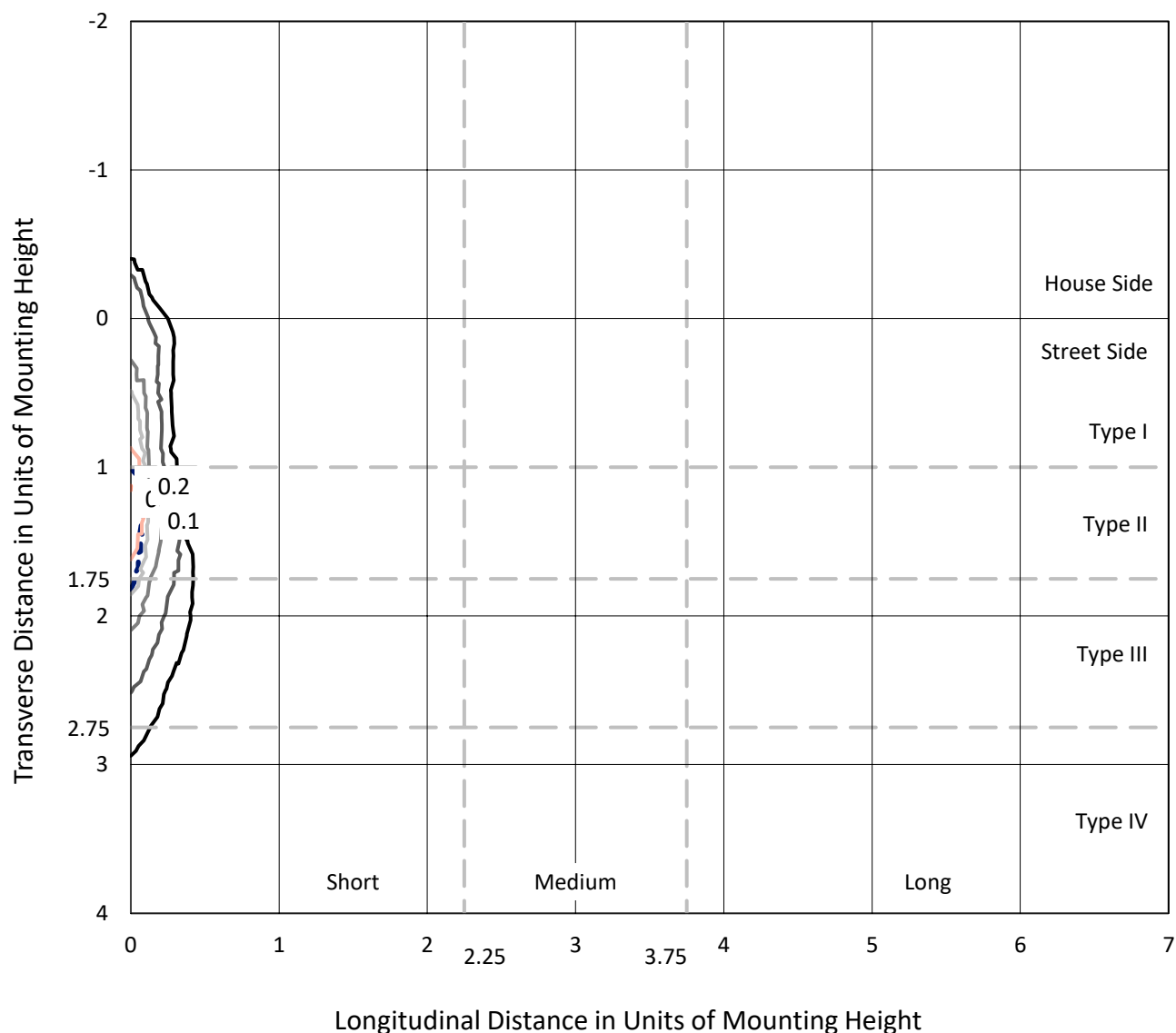
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

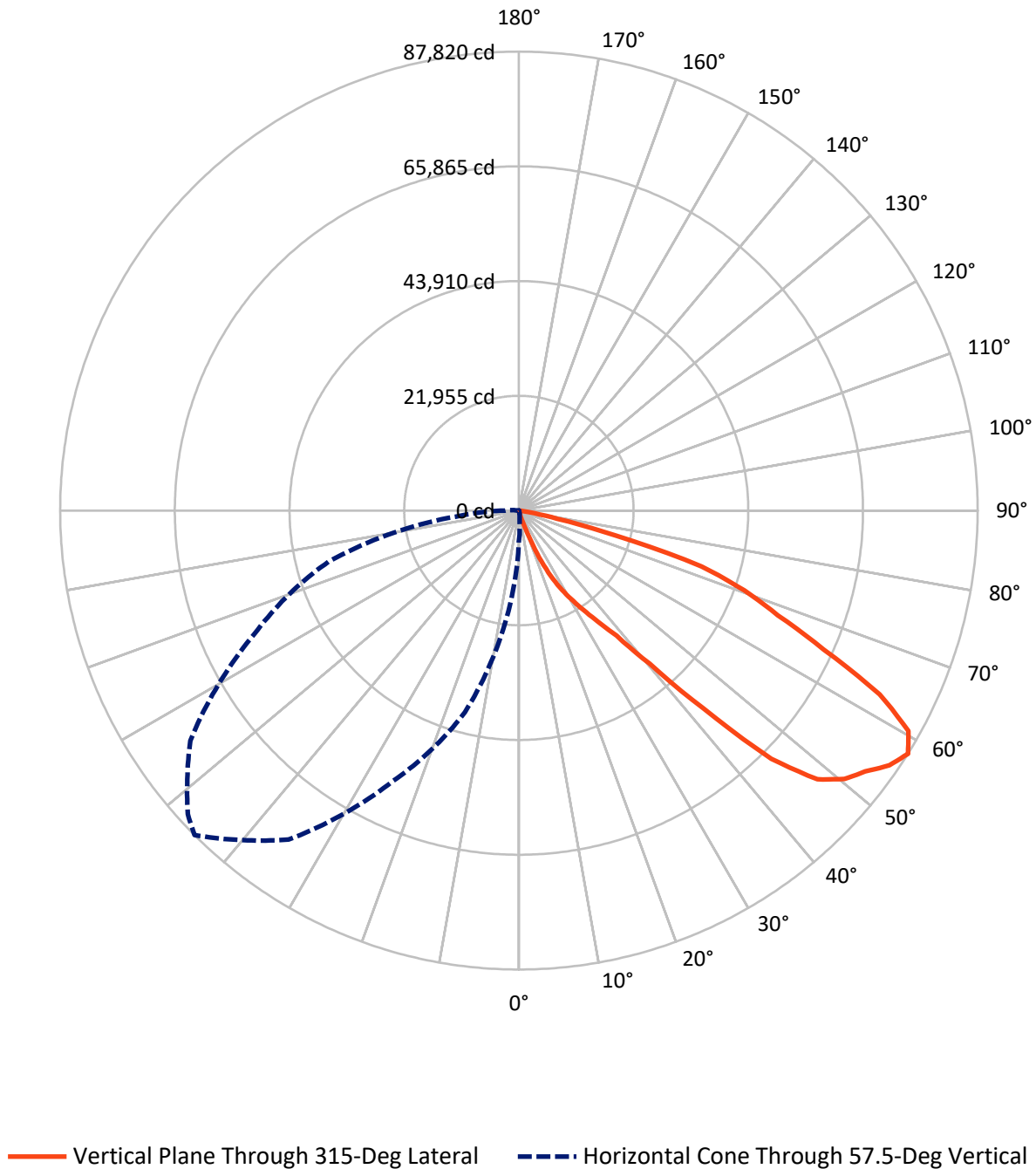


Based on 20 foot mounting height. Maximum calculated value = 5 fc

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	171.5	0.0	171.5
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	34075.9	0.0	34075.9
	% Fixture	99.5	0.0	99.5
Total	Lumens	34247.4	0.0	34247.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.4	0.0
10°-20°	75.2	0.2
20°-30°	811.6	2.4
30°-40°	2400.1	7.0
40°-50°	7152.9	20.9
50°-60°	11341.9	33.1
60°-70°	9467.8	27.6
70°-80°	2919.5	8.5
80°-90°	64.9	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°	34247.4	100.0
0°-180°	34247.4	100.0



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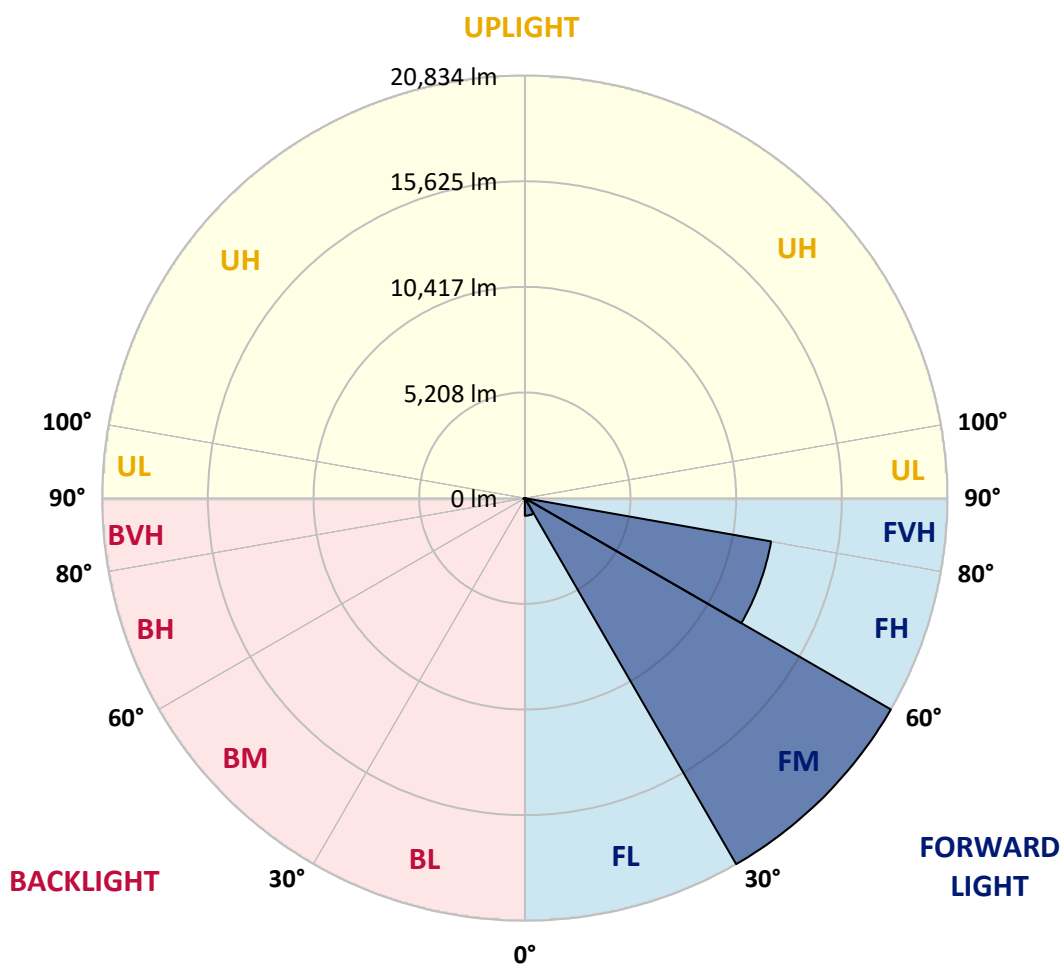
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	868.8	2.5			
FM	(30°-60°)	20833.6	60.8			
FH	(60°-80°)	12323.3	36.0			G5
FVH	(80°-90°)	50.2	0.1			G1/100
BL	(0°-30°)	31.5	0.1	B0/110		
BM	(30°-60°)	61.3	0.2	B0/220		
BH	(60°-80°)	64.0	0.2	B0/110		G0/110
BVH	(80°-90°)	14.7	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G5

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°	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1
2.5°	137.2	137.2	137.2	137.2	134.6	134.6	132.0	132.0	129.4	129.4
5°	144.9	144.9	142.3	139.8	139.8	137.2	134.6	132.0	132.0	129.4
7.5°	157.9	155.3	152.7	150.1	144.9	142.3	137.2	134.6	132.0	126.8
10°	173.4	168.2	163.0	157.9	152.7	147.5	142.3	139.8	134.6	132.0
12.5°	194.1	186.3	176.0	168.2	163.0	155.3	150.1	144.9	137.2	132.0
15°	212.2	201.9	188.9	178.6	170.8	160.5	152.7	144.9	139.8	132.0
17.5°	238.1	220.0	199.3	186.3	176.0	163.0	150.1	142.3	134.6	124.2
20°	282.1	245.9	207.0	191.5	176.0	160.5	144.9	134.6	126.8	116.5
22.5°	352.0	289.9	227.7	204.5	183.8	160.5	139.8	129.4	119.0	108.7
25°	486.6	375.3	264.0	232.9	201.9	170.8	139.8	126.8	116.5	103.5
27.5°	647.0	481.4	313.2	269.2	227.7	183.8	139.8	124.2	111.3	95.8
30°	810.1	590.1	367.5	310.6	253.6	196.7	139.8	121.6	106.1	88.0
32.5°	965.3	691.0	414.1	346.8	279.5	209.6	142.3	121.6	100.9	80.2
35°	1123.2	773.8	421.9	352.0	282.1	209.6	139.8	116.5	95.8	72.5
37.5°	1325.1	867.0	406.3	336.4	269.2	199.3	132.0	111.3	90.6	67.3
40°	1630.5	1022.3	414.1	341.6	269.2	196.7	124.2	103.5	85.4	64.7
42.5°	2194.7	1322.5	447.7	364.9	282.1	196.7	113.9	95.8	80.2	62.1
45°	3794.1	2197.2	600.4	476.2	352.0	227.7	103.5	88.0	75.1	59.5
47.5°	6276.0	3677.6	1079.2	833.3	590.1	344.2	100.9	88.0	75.1	59.5
50°	8010.0	4684.4	1358.7	1045.6	732.4	419.3	106.1	90.6	77.6	62.1
52.5°	7997.1	4756.8	1514.0	1162.0	812.6	460.7	111.3	95.8	82.8	67.3
55°	7109.4	4327.2	1542.5	1185.3	830.8	473.6	119.0	103.5	88.0	72.5
57.5°	5942.1	3675.0	1407.9	1089.6	773.8	455.5	137.2	119.0	103.5	85.4
60°	4699.9	2898.6	1097.3	867.0	639.2	408.9	181.2	157.9	137.2	113.9
62.5°	3245.4	2101.5	957.6	768.6	582.3	393.4	207.0	183.8	163.0	139.8
65°	2295.6	1581.3	864.4	703.9	546.1	385.6	225.2	199.3	176.0	150.1
67.5°	1715.9	1257.8	797.1	660.0	522.8	385.6	248.5	217.4	188.9	157.9
70°	1314.7	1032.6	747.9	636.7	528.0	416.7	305.4	261.4	220.0	176.0
72.5°	1071.4	882.5	691.0	610.8	530.5	450.3	370.1	313.2	256.2	196.7
75°	887.7	755.7	623.7	556.4	491.7	424.4	357.1	305.4	256.2	204.5
77.5°	590.1	538.3	484.0	445.1	406.3	364.9	326.1	282.1	240.7	196.7
80°	207.0	199.3	191.5	207.0	222.6	238.1	253.6	222.6	194.1	163.0
82.5°	31.1	28.5	25.9	28.5	31.1	33.6	36.2	38.8	41.4	44.0
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):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1
0.0	2.5°	126.8	126.8	124.2	124.2	124.2	121.6	121.6	119.0	119.0	119.0
0.0	5°	124.2	124.2	121.6	119.0	116.5	116.5	113.9	111.3	111.3	108.7
0.0	7.5°	121.6	119.0	116.5	113.9	111.3	108.7	106.1	103.5	103.5	100.9
0.0	10°	124.2	119.0	116.5	111.3	108.7	106.1	100.9	98.3	95.8	95.8
0.0	12.5°	119.0	116.5	111.3	106.1	103.5	98.3	95.8	90.6	88.0	88.0
0.0	15°	119.0	113.9	106.1	100.9	95.8	93.2	88.0	82.8	80.2	77.6
0.0	17.5°	111.3	106.1	98.3	93.2	88.0	82.8	77.6	72.5	69.9	67.3
0.0	20°	100.9	95.8	88.0	80.2	75.1	69.9	64.7	59.5	56.9	54.3
0.0	22.5°	90.6	85.4	77.6	69.9	64.7	59.5	51.8	46.6	44.0	38.8
0.0	25°	85.4	77.6	69.9	62.1	54.3	49.2	41.4	33.6	28.5	23.3
0.0	27.5°	72.5	64.7	56.9	49.2	41.4	33.6	25.9	18.1	12.9	10.4
0.0	30°	62.1	54.3	46.6	38.8	28.5	20.7	12.9	2.6	2.6	2.6
0.0	32.5°	51.8	44.0	33.6	25.9	20.7	12.9	7.8	0.0	0.0	0.0
0.0	35°	41.4	33.6	23.3	15.5	12.9	7.8	5.2	0.0	0.0	0.0
0.0	37.5°	36.2	28.5	18.1	7.8	5.2	5.2	2.6	0.0	0.0	0.0
0.0	40°	33.6	23.3	12.9	2.6	2.6	2.6	0.0	0.0	0.0	0.0
0.0	42.5°	33.6	23.3	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	33.6	23.3	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	33.6	23.3	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	36.2	25.9	12.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	41.4	31.1	20.7	10.4	7.8	5.2	2.6	0.0	0.0	0.0
0.0	55°	51.8	46.6	38.8	33.6	25.9	18.1	7.8	0.0	0.0	0.0
0.0	57.5°	67.3	67.3	64.7	62.1	46.6	31.1	15.5	0.0	0.0	0.0
0.0	60°	90.6	90.6	90.6	90.6	67.3	46.6	23.3	0.0	0.0	0.0
0.0	62.5°	111.3	106.1	98.3	93.2	69.9	46.6	23.3	0.0	0.0	0.0
0.0	65°	111.3	100.9	88.0	75.1	56.9	38.8	18.1	0.0	0.0	0.0
0.0	67.5°	103.5	82.8	59.5	38.8	28.5	20.7	10.4	0.0	0.0	0.0
	70°	103.5	72.5	41.4	10.4	7.8	5.2	2.6	0.0	0.0	0.0
	72.5°	103.5	69.9	33.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	113.9	77.6	38.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	113.9	77.6	38.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	100.9	67.3	33.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	33.6	23.3	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

[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°	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1
0.0	2.5°	116.5	116.5	116.5	113.9	113.9	113.9	113.9	111.3	111.3	111.3
0.0	5°	106.1	106.1	103.5	103.5	100.9	100.9	98.3	98.3	95.8	95.8
0.0	7.5°	98.3	95.8	95.8	93.2	90.6	90.6	88.0	88.0	85.4	82.8
0.0	10°	90.6	88.0	88.0	85.4	82.8	80.2	80.2	77.6	75.1	72.5
0.0	12.5°	82.8	80.2	77.6	75.1	72.5	69.9	69.9	67.3	64.7	62.1
0.0	15°	72.5	69.9	67.3	64.7	62.1	59.5	59.5	56.9	54.3	51.8
0.0	17.5°	62.1	59.5	59.5	56.9	54.3	51.8	49.2	44.0	41.4	38.8
0.0	20°	46.6	44.0	41.4	38.8	36.2	31.1	28.5	23.3	18.1	15.5
0.0	22.5°	31.1	25.9	23.3	18.1	12.9	10.4	7.8	2.6	0.0	0.0
0.0	25°	10.4	7.8	5.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA7C-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA7C-730-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1
0.0	2.5°	108.7	108.7	108.7	106.1	106.1	106.1	106.1	106.1	106.1	106.1
0.0	5°	93.2	93.2	93.2	90.6	90.6	88.0	88.0	88.0	85.4	85.4
0.0	7.5°	80.2	77.6	77.6	75.1	75.1	72.5	72.5	72.5	69.9	69.9
0.0	10°	67.3	64.7	64.7	62.1	62.1	59.5	59.5	56.9	56.9	54.3
0.0	12.5°	59.5	56.9	54.3	51.8	51.8	49.2	46.6	46.6	44.0	41.4
0.0	15°	46.6	44.0	41.4	38.8	36.2	33.6	31.1	31.1	28.5	25.9
0.0	17.5°	31.1	25.9	23.3	20.7	20.7	18.1	15.5	12.9	10.4	7.8
0.0	20°	7.8	5.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA7C-730-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°	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1
0.0	2.5°	106.1	103.5	103.5	103.5	106.1	106.1	106.1	106.1	106.1	106.1
0.0	5°	85.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
0.0	7.5°	69.9	67.3	67.3	67.3	67.3	64.7	64.7	64.7	64.7	64.7
0.0	10°	54.3	51.8	51.8	51.8	51.8	49.2	49.2	49.2	49.2	49.2
0.0	12.5°	38.8	38.8	36.2	36.2	36.2	33.6	33.6	33.6	33.6	31.1
0.0	15°	23.3	20.7	18.1	18.1	18.1	15.5	15.5	15.5	15.5	12.9
0.0	17.5°	5.2	5.2	2.6	2.6	2.6	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CATALOG NUMBER: GALN-SA7C-730-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1
0.0	2.5°	108.7	108.7	111.3	111.3	113.9	119.0	121.6	124.2	129.4	134.6
0.0	5°	85.4	88.0	88.0	90.6	93.2	95.8	98.3	100.9	106.1	111.3
0.0	7.5°	67.3	67.3	69.9	69.9	72.5	77.6	80.2	82.8	88.0	95.8
0.0	10°	51.8	51.8	54.3	54.3	56.9	62.1	64.7	67.3	72.5	80.2
0.0	12.5°	33.6	36.2	36.2	38.8	41.4	46.6	49.2	51.8	56.9	62.1
0.0	15°	15.5	18.1	18.1	20.7	23.3	28.5	31.1	33.6	38.8	46.6
0.0	17.5°	2.6	2.6	5.2	5.2	7.8	10.4	12.9	15.5	23.3	28.5
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	10.4
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1
0.0	2.5°	142.3	147.5	152.7	157.9	163.0	168.2	170.8	176.0	178.6	181.2
0.0	5°	121.6	126.8	134.6	139.8	144.9	150.1	155.3	157.9	160.5	163.0
0.0	7.5°	106.1	111.3	119.0	124.2	129.4	134.6	139.8	144.9	147.5	150.1
0.0	10°	90.6	98.3	103.5	111.3	116.5	121.6	126.8	132.0	137.2	139.8
0.0	12.5°	72.5	80.2	88.0	93.2	100.9	108.7	113.9	119.0	124.2	129.4
0.0	15°	56.9	64.7	72.5	77.6	85.4	93.2	100.9	106.1	111.3	116.5
0.0	17.5°	41.4	49.2	56.9	62.1	69.9	77.6	82.8	90.6	95.8	100.9
0.0	20°	20.7	28.5	36.2	44.0	51.8	59.5	64.7	72.5	77.6	82.8
0.0	22.5°	2.6	10.4	18.1	23.3	31.1	38.8	44.0	51.8	56.9	62.1
0.0	25°	0.0	2.6	7.8	10.4	12.9	18.1	23.3	28.5	33.6	38.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.6	5.2	10.4	15.5	20.7
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	2.6	5.2
	85°	0.0	0.0	0.0	0.0	0.0	5.2	7.8	12.9	15.5	18.1
	87.5°	0.0	2.6	5.2	7.8	10.4	15.5	20.7	25.9	28.5	31.1
	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: P1048983

CATALOG NUMBER: GALN-SA7C-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
150.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
181.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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											
2.6											
10.4											
23.3											
33.6											
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REPORT NUMBER: P1048983

CATALOG NUMBER: GALN-SA7C-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1
0.0	2.5°	183.8	183.8	183.8	183.8	181.2	181.2	181.2	178.6	178.6	176.0
0.0	5°	168.2	170.8	170.8	170.8	170.8	170.8	170.8	170.8	168.2	168.2
0.0	7.5°	155.3	157.9	160.5	160.5	163.0	163.0	163.0	160.5	160.5	157.9
0.0	10°	147.5	150.1	150.1	152.7	152.7	152.7	152.7	152.7	152.7	152.7
0.0	12.5°	137.2	139.8	142.3	142.3	144.9	144.9	144.9	144.9	142.3	142.3
0.0	15°	124.2	129.4	132.0	134.6	134.6	137.2	137.2	137.2	137.2	137.2
0.0	17.5°	113.9	119.0	121.6	124.2	124.2	126.8	126.8	129.4	129.4	129.4
0.0	20°	93.2	98.3	100.9	106.1	108.7	111.3	113.9	116.5	116.5	119.0
0.0	22.5°	72.5	77.6	80.2	85.4	88.0	90.6	93.2	95.8	98.3	100.9
0.0	25°	51.8	56.9	59.5	64.7	67.3	69.9	72.5	75.1	75.1	77.6
0.0	27.5°	28.5	33.6	38.8	41.4	46.6	49.2	51.8	54.3	56.9	59.5
0.0	30°	12.9	15.5	18.1	23.3	25.9	28.5	31.1	36.2	38.8	41.4
0.0	32.5°	0.0	0.0	2.6	7.8	10.4	12.9	15.5	18.1	18.1	20.7
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.6	5.2	7.8	10.4
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	5.2	5.2	5.2	7.8	7.8	7.8	7.8	7.8	7.8	7.8
	82.5°	12.9	15.5	18.1	18.1	20.7	20.7	20.7	20.7	18.1	18.1
	85°	25.9	28.5	31.1	31.1	33.6	33.6	33.6	33.6	33.6	33.6
	87.5°	36.2	38.8	41.4	41.4	44.0	44.0	44.0	44.0	44.0	44.0
	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: P1048983

CATALOG NUMBER: GALN-SA7C-730-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
150.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
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7.8											
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REPORT NUMBER: P1048983

CATALOG NUMBER: GALN-SA7C-730-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°	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1
0.0	2.5°	173.4	173.4	170.8	170.8	170.8	170.8	170.8	173.4	176.0	176.0
0.0	5°	165.6	165.6	163.0	163.0	163.0	165.6	165.6	168.2	170.8	173.4
0.0	7.5°	157.9	155.3	155.3	157.9	157.9	160.5	160.5	163.0	165.6	168.2
0.0	10°	152.7	150.1	150.1	150.1	152.7	152.7	155.3	157.9	160.5	163.0
0.0	12.5°	142.3	142.3	142.3	142.3	144.9	144.9	147.5	150.1	155.3	157.9
0.0	15°	137.2	134.6	134.6	134.6	134.6	137.2	137.2	142.3	147.5	150.1
0.0	17.5°	126.8	126.8	124.2	124.2	126.8	126.8	129.4	134.6	139.8	142.3
0.0	20°	116.5	113.9	111.3	111.3	113.9	113.9	116.5	121.6	126.8	129.4
0.0	22.5°	100.9	98.3	98.3	98.3	98.3	100.9	100.9	106.1	113.9	119.0
0.0	25°	80.2	82.8	82.8	85.4	85.4	88.0	90.6	95.8	103.5	108.7
0.0	27.5°	62.1	64.7	64.7	69.9	72.5	75.1	77.6	85.4	93.2	98.3
0.0	30°	46.6	49.2	51.8	54.3	59.5	64.7	69.9	77.6	85.4	90.6
0.0	32.5°	28.5	33.6	36.2	41.4	46.6	51.8	56.9	64.7	75.1	82.8
0.0	35°	20.7	23.3	28.5	31.1	36.2	41.4	46.6	56.9	64.7	75.1
0.0	37.5°	10.4	15.5	20.7	25.9	31.1	36.2	41.4	51.8	62.1	69.9
0.0	40°	7.8	12.9	15.5	20.7	28.5	33.6	38.8	49.2	59.5	69.9
0.0	42.5°	5.2	7.8	10.4	18.1	23.3	31.1	38.8	49.2	59.5	69.9
0.0	45°	5.2	5.2	7.8	15.5	23.3	33.6	41.4	51.8	59.5	69.9
0.0	47.5°	5.2	7.8	10.4	20.7	25.9	33.6	41.4	49.2	59.5	67.3
0.0	50°	7.8	10.4	12.9	23.3	28.5	36.2	41.4	51.8	59.5	69.9
0.0	52.5°	5.2	7.8	10.4	20.7	28.5	38.8	46.6	56.9	67.3	75.1
0.0	55°	2.6	2.6	2.6	15.5	31.1	44.0	59.5	67.3	77.6	85.4
0.0	57.5°	0.0	0.0	0.0	10.4	31.1	49.2	67.3	77.6	88.0	95.8
0.0	60°	0.0	0.0	0.0	10.4	31.1	49.2	67.3	80.2	93.2	106.1
0.0	62.5°	0.0	0.0	0.0	10.4	25.9	41.4	56.9	77.6	100.9	121.6
0.0	65°	0.0	0.0	0.0	7.8	20.7	33.6	46.6	77.6	108.7	137.2
0.0	67.5°	0.0	0.0	0.0	7.8	20.7	31.1	44.0	77.6	108.7	142.3
	70°	0.0	0.0	0.0	7.8	20.7	33.6	46.6	77.6	108.7	139.8
	72.5°	0.0	0.0	0.0	7.8	23.3	36.2	51.8	77.6	103.5	129.4
	75°	0.0	0.0	0.0	10.4	23.3	38.8	54.3	77.6	100.9	121.6
	77.5°	0.0	0.0	0.0	7.8	23.3	36.2	51.8	75.1	98.3	119.0
	80°	7.8	5.2	5.2	12.9	23.3	33.6	44.0	67.3	93.2	116.5
	82.5°	15.5	15.5	12.9	18.1	23.3	31.1	38.8	59.5	82.8	103.5
	85°	31.1	31.1	28.5	31.1	31.1	33.6	36.2	46.6	56.9	67.3
	87.5°	41.4	41.4	38.8	38.8	38.8	36.2	36.2	36.2	36.2	33.6
	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):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
150.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.8											
155.3											
144.9											
142.3											
139.8											
124.2											
77.6											
33.6											
0.0											
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REPORT NUMBER: P1048983

CATALOG NUMBER: GALN-SA7C-730-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1
0.0	2.5°	181.2	183.8	183.8	186.3	188.9	191.5	191.5	194.1	194.1	194.1
0.0	5°	178.6	183.8	186.3	188.9	191.5	194.1	196.7	199.3	201.9	201.9
0.0	7.5°	176.0	178.6	183.8	186.3	191.5	194.1	199.3	201.9	204.5	207.0
0.0	10°	170.8	176.0	181.2	186.3	191.5	196.7	201.9	207.0	212.2	214.8
0.0	12.5°	165.6	173.4	178.6	183.8	191.5	199.3	204.5	212.2	217.4	222.6
0.0	15°	163.0	168.2	176.0	181.2	191.5	201.9	209.6	220.0	230.3	238.1
0.0	17.5°	155.3	165.6	173.4	181.2	191.5	204.5	214.8	225.2	240.7	256.2
0.0	20°	144.9	152.7	163.0	170.8	186.3	199.3	214.8	227.7	251.0	274.3
0.0	22.5°	134.6	144.9	152.7	163.0	181.2	196.7	214.8	230.3	269.2	305.4
0.0	25°	124.2	137.2	147.5	157.9	178.6	199.3	220.0	240.7	305.4	370.1
0.0	27.5°	119.0	129.4	142.3	152.7	178.6	207.0	232.9	258.8	362.3	463.3
0.0	30°	111.3	124.2	134.6	147.5	181.2	214.8	248.5	282.1	440.0	597.8
0.0	32.5°	103.5	116.5	129.4	142.3	186.3	230.3	271.7	315.7	522.8	727.2
0.0	35°	95.8	111.3	124.2	137.2	194.1	253.6	310.6	367.5	597.8	825.6
0.0	37.5°	93.2	108.7	121.6	134.6	196.7	256.2	318.3	377.9	605.6	833.3
0.0	40°	95.8	108.7	124.2	137.2	188.9	240.7	289.9	341.6	579.7	815.2
0.0	42.5°	95.8	111.3	126.8	142.3	183.8	225.2	266.6	308.0	572.0	835.9
0.0	45°	93.2	108.7	124.2	139.8	178.6	214.8	253.6	289.9	618.5	944.6
0.0	47.5°	90.6	106.1	121.6	137.2	176.0	214.8	253.6	292.4	799.7	1304.4
0.0	50°	90.6	106.1	119.0	132.0	178.6	227.7	274.3	320.9	1164.6	2005.7
0.0	52.5°	95.8	108.7	119.0	129.4	183.8	240.7	295.0	349.4	1480.4	2608.7
0.0	55°	103.5	111.3	121.6	129.4	196.7	261.4	328.7	393.4	1576.1	2758.9
0.0	57.5°	113.9	121.6	129.4	137.2	220.0	302.8	383.0	465.8	1583.9	2699.3
0.0	60°	126.8	137.2	144.9	152.7	240.7	331.3	419.3	507.3	1433.8	2357.7
0.0	62.5°	155.3	168.2	178.6	191.5	276.9	359.7	445.1	528.0	1190.5	1853.0
0.0	65°	178.6	188.9	199.3	209.6	292.4	377.9	460.7	543.5	1009.3	1475.2
0.0	67.5°	183.8	194.1	201.9	212.2	297.6	383.0	465.8	551.3	864.4	1175.0
	70°	186.3	199.3	214.8	227.7	315.7	403.7	489.1	577.1	766.1	955.0
	72.5°	178.6	204.5	227.7	251.0	333.9	414.1	496.9	577.1	711.7	846.3
	75°	178.6	214.8	248.5	282.1	344.2	403.7	465.8	525.4	628.9	732.4
	77.5°	188.9	235.5	282.1	328.7	364.9	398.6	434.8	468.4	535.7	603.0
	80°	188.9	238.1	284.7	333.9	349.4	367.5	383.0	398.6	406.3	414.1
	82.5°	163.0	201.9	240.7	279.5	261.4	243.3	225.2	207.0	194.1	178.6
	85°	82.8	90.6	95.8	100.9	93.2	85.4	77.6	69.9	64.7	56.9
	87.5°	33.6	33.6	31.1	31.1	31.1	31.1	28.5	28.5	28.5	28.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA7C-730-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
150.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
194.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
201.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
209.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
220.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
251.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
276.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
318.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
406.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
551.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
766.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1037.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1296.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1472.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1604.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1736.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1995.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2513.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3830.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5867.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7386.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7554.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6816.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5828.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4555.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3442.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2541.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1798.7											
1338.0											
973.1											
732.4											
411.5											
186.3											
54.3											
25.9											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA7C-730-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°	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1
0.0	2.5°	194.1	191.5	191.5	188.9	186.3	183.8	181.2	178.6	176.0	173.4
0.0	5°	201.9	201.9	201.9	199.3	199.3	196.7	196.7	194.1	191.5	188.9
0.0	7.5°	209.6	212.2	212.2	214.8	214.8	214.8	214.8	212.2	212.2	212.2
0.0	10°	222.6	225.2	227.7	230.3	232.9	235.5	235.5	238.1	238.1	238.1
0.0	12.5°	238.1	245.9	251.0	258.8	264.0	271.7	276.9	284.7	289.9	295.0
0.0	15°	261.4	274.3	289.9	302.8	315.7	333.9	354.6	372.7	390.8	419.3
0.0	17.5°	295.0	336.4	377.9	416.7	458.1	548.7	639.2	727.2	817.8	949.8
0.0	20°	359.7	484.0	605.6	729.8	851.5	1169.8	1485.5	1803.9	2119.6	2458.6
0.0	22.5°	504.7	810.1	1115.4	1420.8	1726.2	2391.4	3053.9	3719.0	4381.6	5160.6
0.0	25°	732.4	1294.0	1855.6	2414.6	2976.2	4016.6	5059.6	6100.0	7140.4	8152.3
0.0	27.5°	1066.3	1925.5	2784.7	3641.4	4500.6	5911.1	7324.2	8734.6	10145.1	11289.0
0.0	30°	1477.8	2642.4	3807.0	4971.6	6136.2	7740.8	9345.4	10947.4	12552.0	13802.0
0.0	32.5°	1866.0	3292.0	4718.0	6141.4	7567.4	9394.6	11224.3	13051.5	14878.7	16245.1
0.0	35°	2119.6	3843.2	5569.5	7293.1	9016.7	10994.0	12971.3	14945.9	16923.2	18483.8
0.0	37.5°	2373.2	4363.4	6351.1	8341.3	10328.9	12500.2	14671.6	16843.0	19014.3	20942.4
0.0	40°	2657.9	4992.3	7324.2	9658.6	11990.4	14562.9	17132.8	19705.4	22275.3	24995.3
0.0	42.5°	3152.2	6035.3	8921.0	11804.1	14687.1	18090.4	21493.7	24894.4	28297.7	32179.7
0.0	45°	4081.3	8144.6	12210.4	16273.6	20336.8	24845.2	29356.2	33864.5	38372.9	43538.6
0.0	47.5°	6356.2	11946.4	17534.0	23124.2	28711.7	33579.8	38445.4	43313.5	48179.0	53324.0
0.0	50°	9725.9	16232.2	22738.5	29242.3	35748.6	40153.5	44555.7	48960.6	53362.8	58256.8
0.0	52.5°	12163.8	18941.9	25722.6	32500.6	39278.7	43253.9	47231.8	51207.0	55182.2	59755.3
0.0	55°	12347.5	19086.8	25828.7	32567.9	39307.2	43300.5	47293.9	51287.2	55280.6	60128.0
0.0	57.5°	10931.9	17616.8	24299.1	30984.0	37666.4	42213.6	46758.2	51305.3	55849.9	61090.7
0.0	60°	9298.8	15986.3	22671.2	29358.8	36043.7	41281.9	46522.6	51760.8	56999.0	61908.6
0.0	62.5°	7254.3	14133.3	21014.9	27893.9	34772.9	40091.4	45409.8	50725.6	56044.1	59726.8
0.0	65°	5406.4	12086.2	18765.9	25443.0	32122.8	36382.7	40642.6	44899.9	49159.9	51439.9
0.0	67.5°	3907.9	9668.9	15427.3	21188.3	26946.7	29995.4	33044.1	36090.2	39139.0	40883.3
	70°	2642.4	6633.2	10621.3	14612.1	18600.3	21105.5	23613.3	26118.5	28623.7	30978.9
	72.5°	1829.7	4071.0	6314.8	8556.1	10797.3	13318.1	15836.2	18357.0	20875.1	23367.4
	75°	1213.8	2233.5	3255.8	4275.4	5295.1	7161.1	9029.7	10895.7	12761.6	14247.2
	77.5°	861.8	1167.2	1475.2	1780.6	2086.0	2435.3	2787.3	3136.7	3486.1	4016.6
	80°	408.9	447.7	486.6	522.8	561.6	688.4	815.2	942.0	1068.9	1203.4
	82.5°	194.1	209.6	225.2	238.1	253.6	266.6	279.5	292.4	305.4	292.4
	85°	51.8	51.8	54.3	54.3	54.3	54.3	54.3	54.3	54.3	51.8
	87.5°	23.3	23.3	23.3	23.3	23.3	23.3	23.3	20.7	20.7	18.1
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
150.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
186.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
209.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
240.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
297.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
450.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1079.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2800.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5939.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9164.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12433.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15054.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17614.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20044.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22873.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27715.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36061.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48704.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58469.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63150.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64328.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64978.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66331.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66815.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63412.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53722.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42630.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33331.4											
25859.7											
15732.7											
4547.2											
1338.0											
276.9											
49.2											
18.1											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1
0.0	2.5°	168.2	165.6	163.0	160.5	157.9	152.7	152.7	150.1	150.1
0.0	5°	183.8	181.2	178.6	176.0	176.0	173.4	170.8	170.8	168.2
0.0	7.5°	209.6	207.0	204.5	201.9	201.9	199.3	199.3	196.7	196.7
0.0	10°	240.7	240.7	240.7	240.7	240.7	238.1	238.1	238.1	235.5
0.0	12.5°	302.8	305.4	310.6	315.7	323.5	323.5	323.5	320.9	320.9
0.0	15°	478.8	507.3	528.0	548.7	566.8	608.2	603.0	595.2	590.1
0.0	17.5°	1211.2	1340.6	1410.5	1477.8	1547.6	1739.2	1708.1	1677.1	1648.6
0.0	20°	3139.3	3478.3	3703.5	3928.6	4156.4	4516.1	4428.1	4340.1	4252.2
0.0	22.5°	6716.0	7495.0	7834.0	8173.0	8509.5	8944.3	8662.2	8380.1	8100.6
0.0	25°	10173.6	11185.5	11757.5	12329.4	12898.8	13147.3	12779.8	12409.7	12042.2
0.0	27.5°	13576.9	14720.8	15225.5	15727.5	16232.2	16752.4	16296.9	15838.8	15383.3
0.0	30°	16304.7	17554.7	18100.8	18644.3	19190.3	19552.7	19081.6	18608.0	18137.0
0.0	32.5°	18980.7	20347.2	20945.0	21542.9	22138.1	22658.3	22078.6	21496.3	20916.6
0.0	35°	21602.4	23163.0	23986.0	24809.0	25632.0	26115.9	25427.5	24736.5	24048.1
0.0	37.5°	24801.2	26729.3	27650.6	28572.0	29493.3	30375.9	29617.6	28856.7	28098.4
0.0	40°	30435.4	33155.4	34568.5	35984.1	37397.2	38535.9	37578.4	36620.8	35663.2
0.0	42.5°	39943.8	43825.9	45857.5	47886.5	49918.2	51696.1	50689.4	49682.6	48675.9
0.0	45°	53870.1	59035.8	61512.6	63986.8	66463.5	67762.7	66313.4	64861.5	63412.2
0.0	47.5°	63611.5	68756.5	70961.5	73166.5	75371.6	76854.5	75081.7	73308.9	71538.7
0.0	50°	68042.2	72936.2	75149.0	77359.2	79571.9	80749.5	78702.4	76652.6	74605.5
0.0	52.5°	68898.9	73471.9	76111.7	78754.1	81393.9	82967.5	80550.2	78130.4	75713.2
0.0	55°	69825.4	74672.8	77734.4	80798.7	83860.3	86039.5	83306.5	80570.9	77838.0
0.0	57.5°	71569.7	76810.5	79864.4	82915.7	85969.6	87820.0	85079.3	82336.0	79595.2
0.0	60°	71725.0	76631.9	79256.2	81883.1	84507.3	85672.0	83050.3	80426.0	77804.3
0.0	62.5°	67095.0	70777.8	72599.8	74421.7	76243.7	77509.3	74773.7	72035.6	69300.0
0.0	65°	56002.6	58282.7	59734.6	61186.5	62638.4	64147.2	61642.0	59136.8	56631.5
0.0	67.5°	44374.6	46118.9	48031.5	49944.0	51856.6	53469.0	51463.2	49454.9	47449.2
	70°	35686.5	38039.0	40189.7	42340.4	44491.0	45810.9	43797.4	41781.4	39767.9
	72.5°	28352.0	30844.3	32640.4	34433.9	36230.0	36553.5	35073.1	33592.8	32115.0
	75°	17215.7	18701.2	18737.4	18771.1	18807.3	19115.3	17888.5	16661.8	15437.7
	77.5°	5077.7	5608.3	6045.7	6480.5	6917.8	7445.8	6995.5	6542.6	6092.3
	80°	1470.0	1604.6	1718.5	1829.7	1943.6	1876.3	1770.2	1664.1	1558.0
	82.5°	264.0	248.5	245.9	243.3	243.3	230.3	209.6	188.9	168.2
	85°	46.6	44.0	41.4	38.8	36.2	33.6	28.5	25.9	20.7
	87.5°	15.5	12.9	10.4	7.8	7.8	2.6	2.6	2.6	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048983

CATALOG NUMBER: GALN-SA7C-730-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°	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1
0.0	0.0	2.5°	147.5	144.9	144.9	144.9	144.9	142.3	142.3	142.3	142.3
0.0	0.0	5°	163.0	163.0	160.5	160.5	157.9	157.9	155.3	155.3	152.7
0.0	0.0	7.5°	191.5	188.9	186.3	183.8	181.2	176.0	173.4	170.8	170.8
0.0	0.0	10°	230.3	225.2	222.6	217.4	214.8	209.6	204.5	199.3	194.1
0.0	0.0	12.5°	302.8	292.4	284.7	274.3	264.0	256.2	245.9	238.1	227.7
0.0	0.0	15°	525.4	499.5	471.0	437.4	401.1	367.5	331.3	310.6	287.3
0.0	0.0	17.5°	1343.2	1208.6	1071.4	960.2	848.9	740.2	628.9	548.7	468.4
0.0	0.0	20°	3418.8	3046.1	2673.4	2305.9	1935.9	1568.4	1198.3	1011.9	825.6
0.0	0.0	22.5°	6433.9	5742.9	5049.3	4379.0	3706.1	3035.8	2365.5	1943.6	1524.4
0.0	0.0	25°	9930.3	9060.7	8191.2	7088.6	5983.6	4881.0	3778.5	3092.7	2406.9
0.0	0.0	27.5°	12922.1	11920.5	10918.9	9578.3	8237.7	6897.1	5556.5	4534.2	3514.6
0.0	0.0	30°	15512.7	14436.1	13359.5	11798.9	10238.3	8677.7	7117.1	5838.6	4560.1
0.0	0.0	32.5°	17759.1	16470.3	15181.5	13571.7	11961.9	10352.2	8742.4	7174.1	5605.7
0.0	0.0	35°	20349.8	18846.1	17339.9	15554.1	13765.8	11980.0	10194.3	8424.1	6651.3
0.0	0.0	37.5°	23641.8	21796.5	19948.6	17958.4	15968.2	13980.6	11990.4	9966.6	7942.7
0.0	0.0	40°	29943.6	27562.6	25181.7	22653.1	20122.0	17593.5	15065.0	12580.5	10096.0
0.0	0.0	42.5°	41235.3	38018.3	34801.4	31436.9	28069.9	24705.5	21338.4	17834.2	14327.4
0.0	0.0	45°	53978.8	49988.0	45994.7	42218.7	38440.2	34664.2	30888.3	26079.7	21271.1
0.0	0.0	47.5°	61145.1	56836.0	52526.9	48952.8	45378.7	41804.6	38230.6	33046.7	27862.9
0.0	0.0	50°	63782.3	59395.6	55008.8	51719.4	48427.4	45138.0	41846.1	36654.4	31460.2
0.0	0.0	52.5°	64343.9	59869.2	55394.5	52084.3	48774.2	45466.7	42156.6	36998.7	31840.7
0.0	0.0	55°	65498.2	60697.4	55893.9	52120.6	48347.2	44573.9	40800.5	35559.7	30318.9
0.0	0.0	57.5°	67007.0	62084.5	57162.1	52863.3	48564.6	44268.5	39969.7	34239.8	28509.9
0.0	0.0	60°	66611.0	62327.8	58042.0	53437.9	48831.2	44227.1	39620.3	33318.5	27014.0
0.0	0.0	62.5°	59737.2	56326.1	52912.5	49126.2	45337.3	41551.0	37764.7	31276.5	24788.3
0.0	0.0	65°	49144.3	46654.6	44164.9	41118.8	38070.1	35024.0	31977.8	26159.9	20344.6
0.0	0.0	67.5°	39830.0	37024.5	34216.5	31788.9	29358.8	26931.2	24501.0	19922.7	15344.5
		70°	31644.0	28592.7	25538.8	23168.2	20794.9	18424.3	16053.6	13010.1	9969.1
		72.5°	25129.9	22378.8	19627.7	17099.2	14568.1	12039.6	9508.5	7709.8	5911.1
		75°	12011.1	10911.2	9811.3	8488.8	7166.3	5843.8	4521.3	3737.1	2955.5
		77.5°	4451.4	3858.8	3263.5	2725.2	2186.9	1651.2	1112.9	1019.7	926.5
		80°	1151.7	1004.2	854.1	747.9	639.2	533.1	427.0	385.6	346.8
		82.5°	132.0	121.6	113.9	108.7	100.9	95.8	88.0	80.2	72.5
		85°	7.8	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA7C-730-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1048983

CATALOG NUMBER: GALN-SA7C-730-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	150.1	150.1
0.0	0.0	2.5°	139.8	137.2
0.0	0.0	5°	147.5	144.9
0.0	0.0	7.5°	163.0	157.9
0.0	0.0	10°	178.6	173.4
0.0	0.0	12.5°	201.9	194.1
0.0	0.0	15°	227.7	212.2
0.0	0.0	17.5°	271.7	238.1
0.0	0.0	20°	367.5	282.1
0.0	0.0	22.5°	517.6	352.0
0.0	0.0	25°	760.9	486.6
0.0	0.0	27.5°	1058.5	647.0
0.0	0.0	30°	1407.9	810.1
0.0	0.0	32.5°	1715.9	965.3
0.0	0.0	35°	2117.0	1123.2
0.0	0.0	37.5°	2611.3	1325.1
0.0	0.0	40°	3377.4	1630.5
0.0	0.0	42.5°	4756.8	2194.7
0.0	0.0	45°	7725.3	3794.1
0.0	0.0	47.5°	11886.9	6276.0
0.0	0.0	50°	14542.2	8010.0
0.0	0.0	52.5°	14759.6	7997.1
0.0	0.0	55°	13473.3	7109.4
0.0	0.0	57.5°	11496.1	5942.1
0.0	0.0	60°	9555.1	4699.9
0.0	0.0	62.5°	7528.6	3245.4
0.0	0.0	65°	5502.2	2295.6
0.0	0.0	67.5°	3951.9	1715.9
		70°	2598.4	1314.7
		72.5°	1692.6	1071.4
		75°	1138.7	887.7
		77.5°	665.1	590.1
		80°	235.5	207.0
		82.5°	44.0	31.1
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1048983

CATALOG NUMBER: GALN-SA7C-730-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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

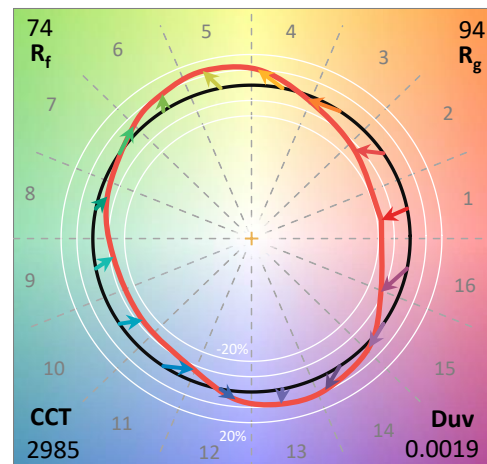
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

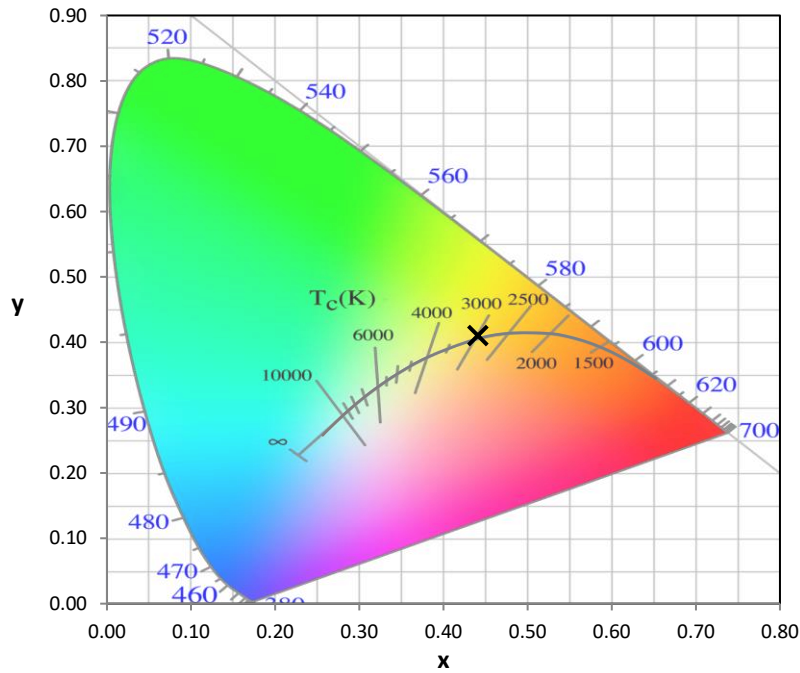
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

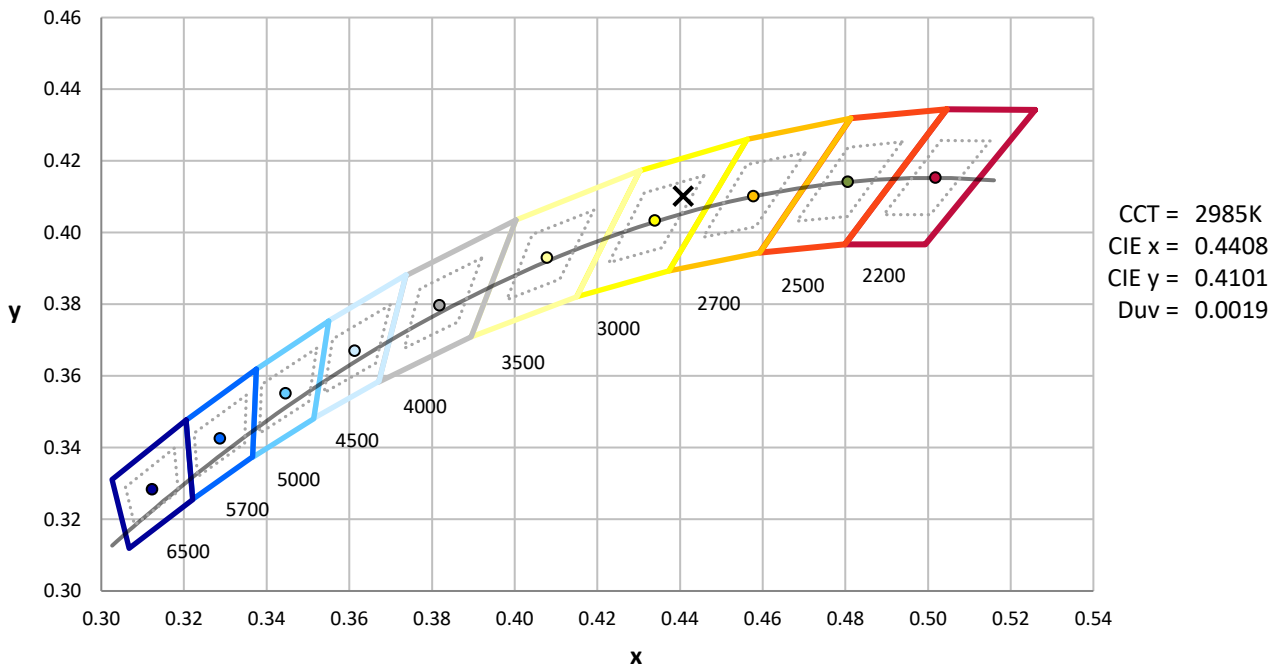
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



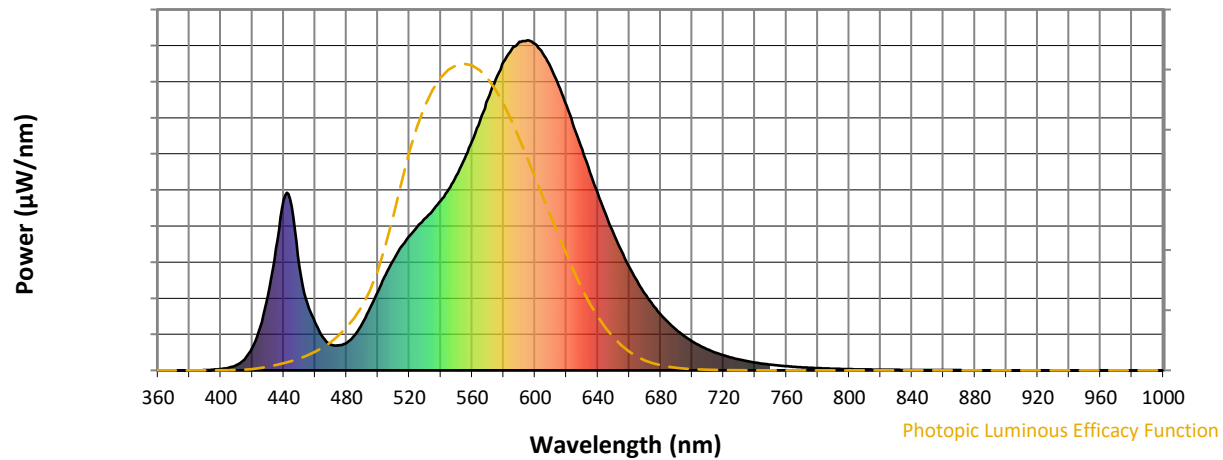
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

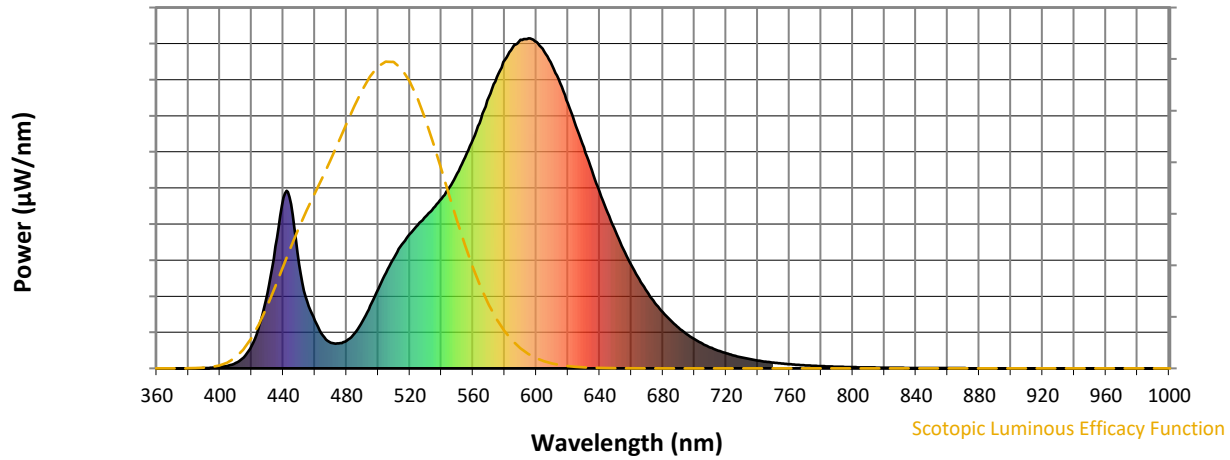


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



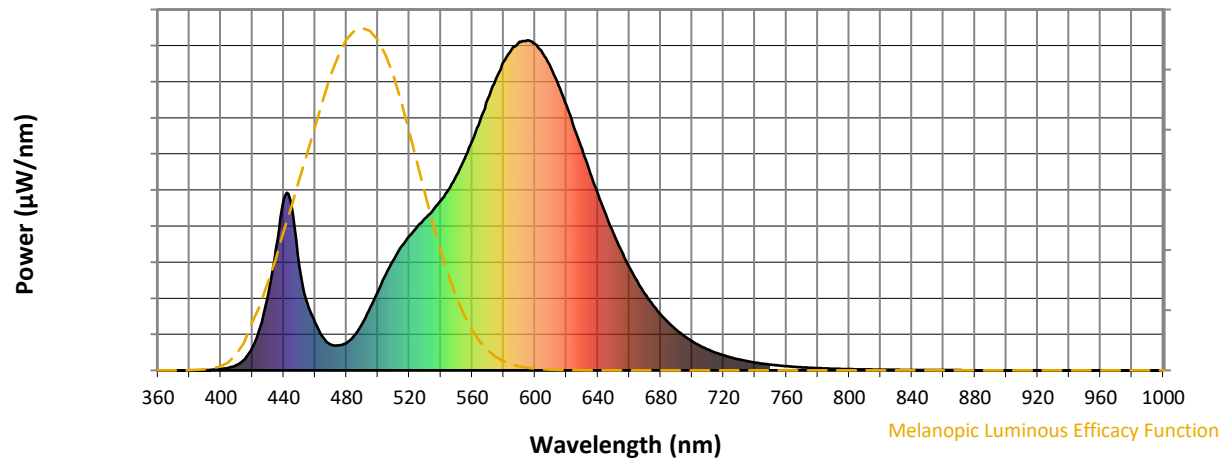
Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.13

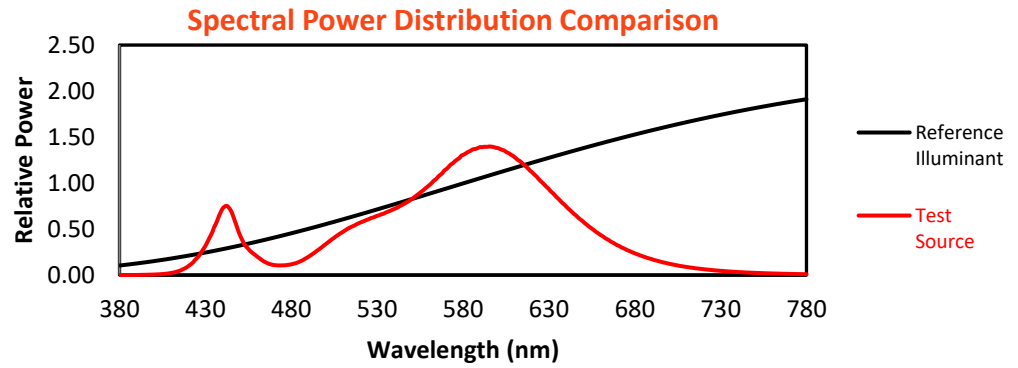
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

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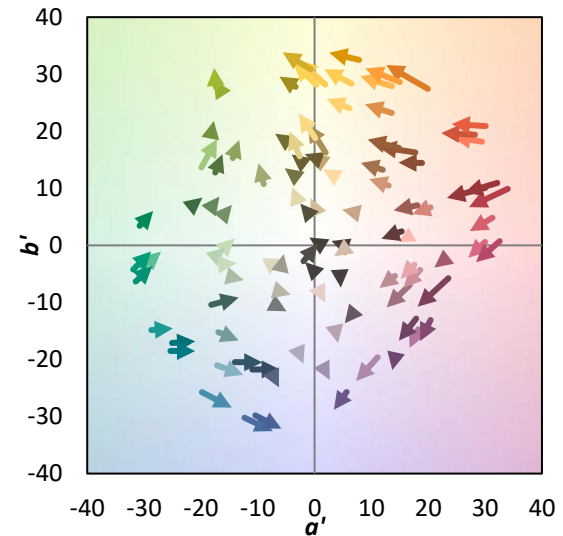
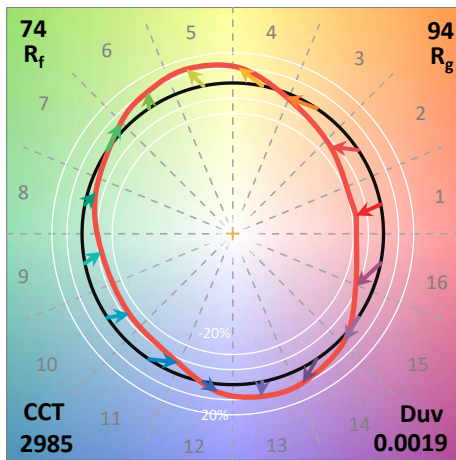
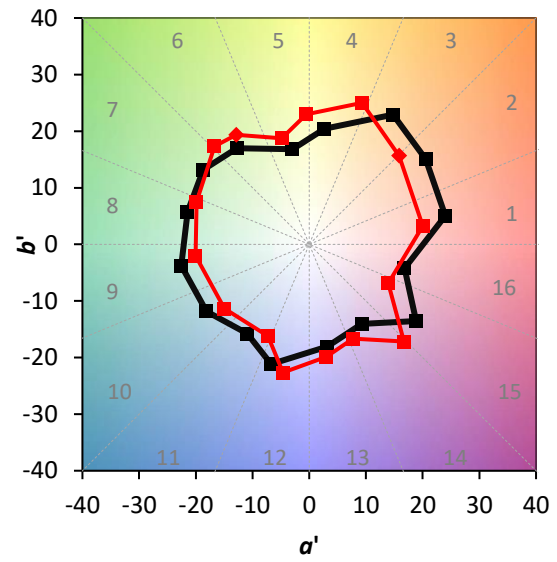
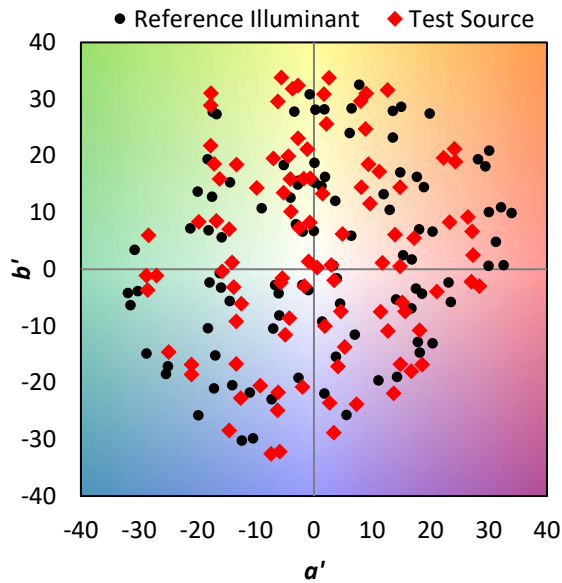
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE\ R_a = 70.8$
 $R_g = -43.2$

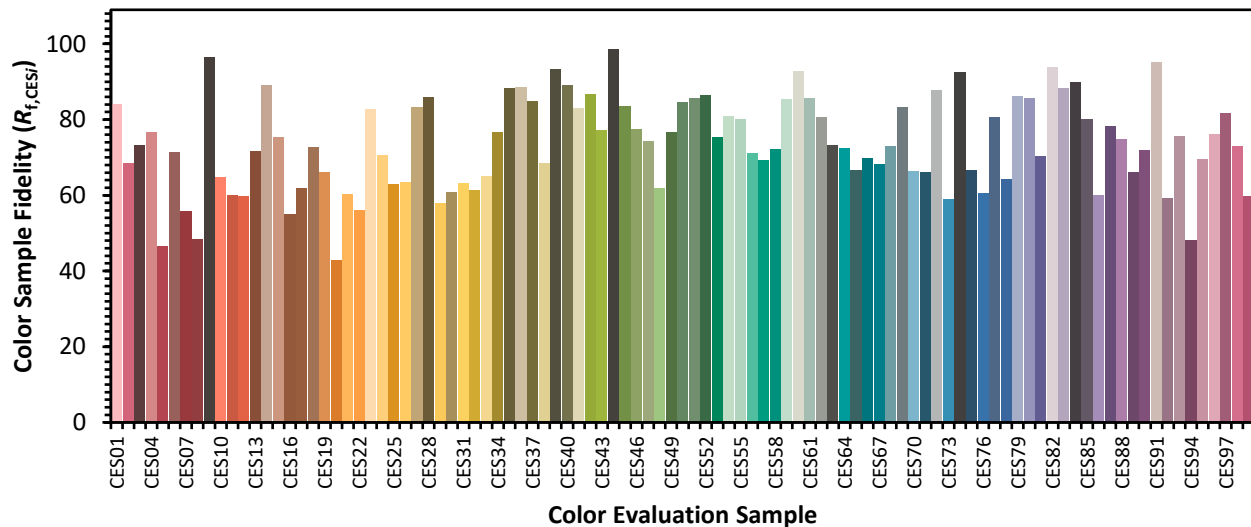


Color Vector Graphics

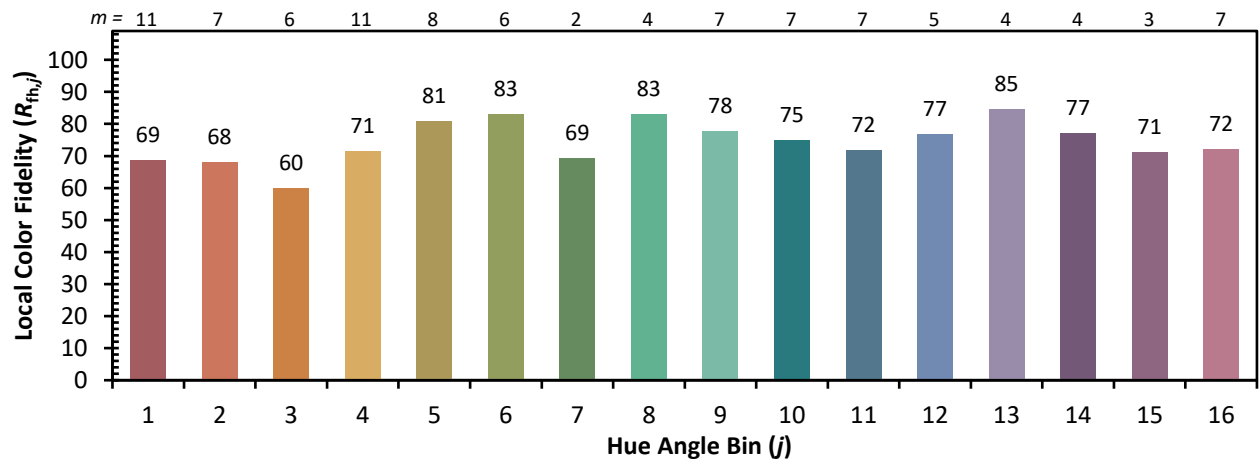
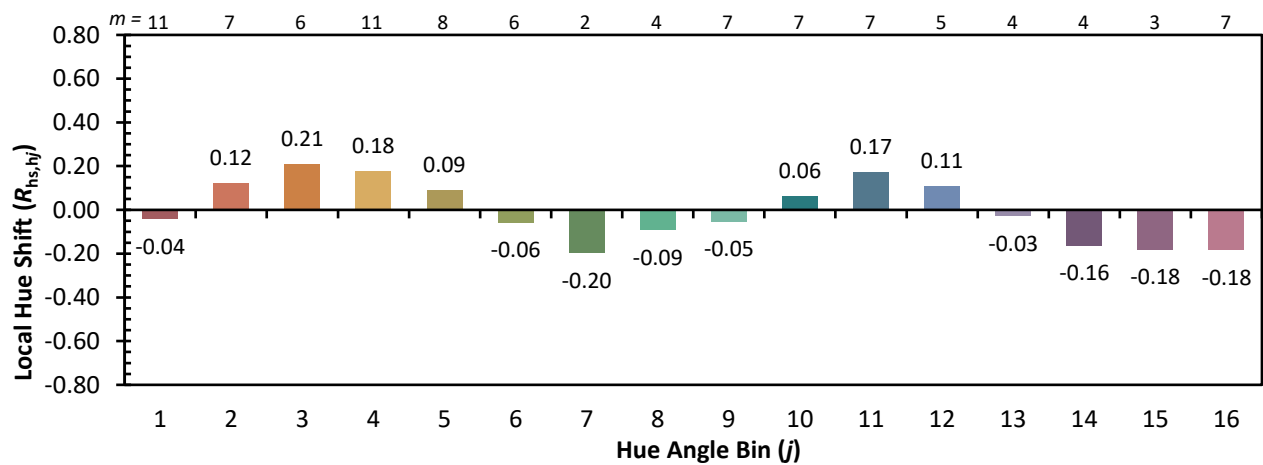
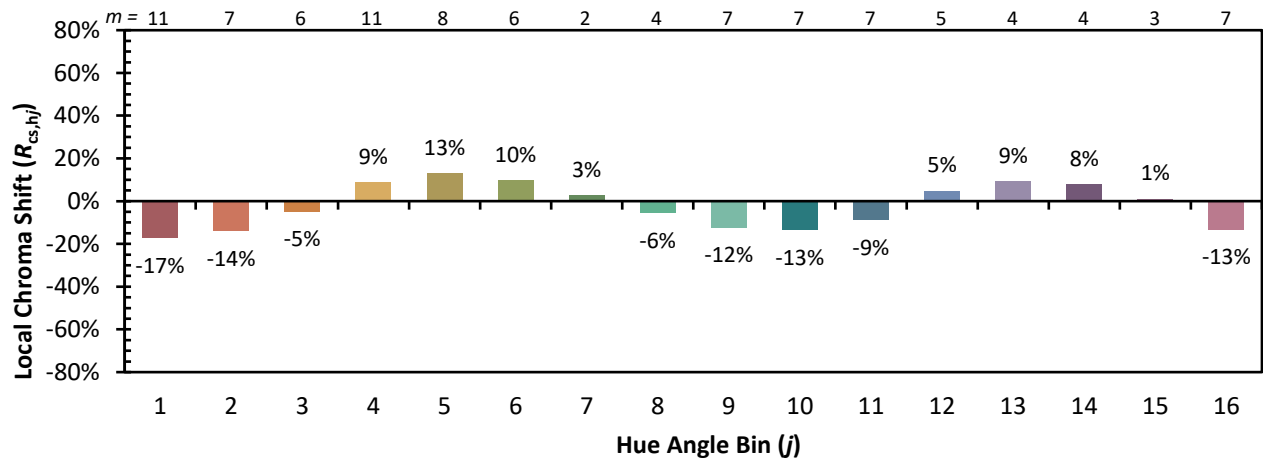


Individual Sample Fidelity Index ($R_{f,i}$)

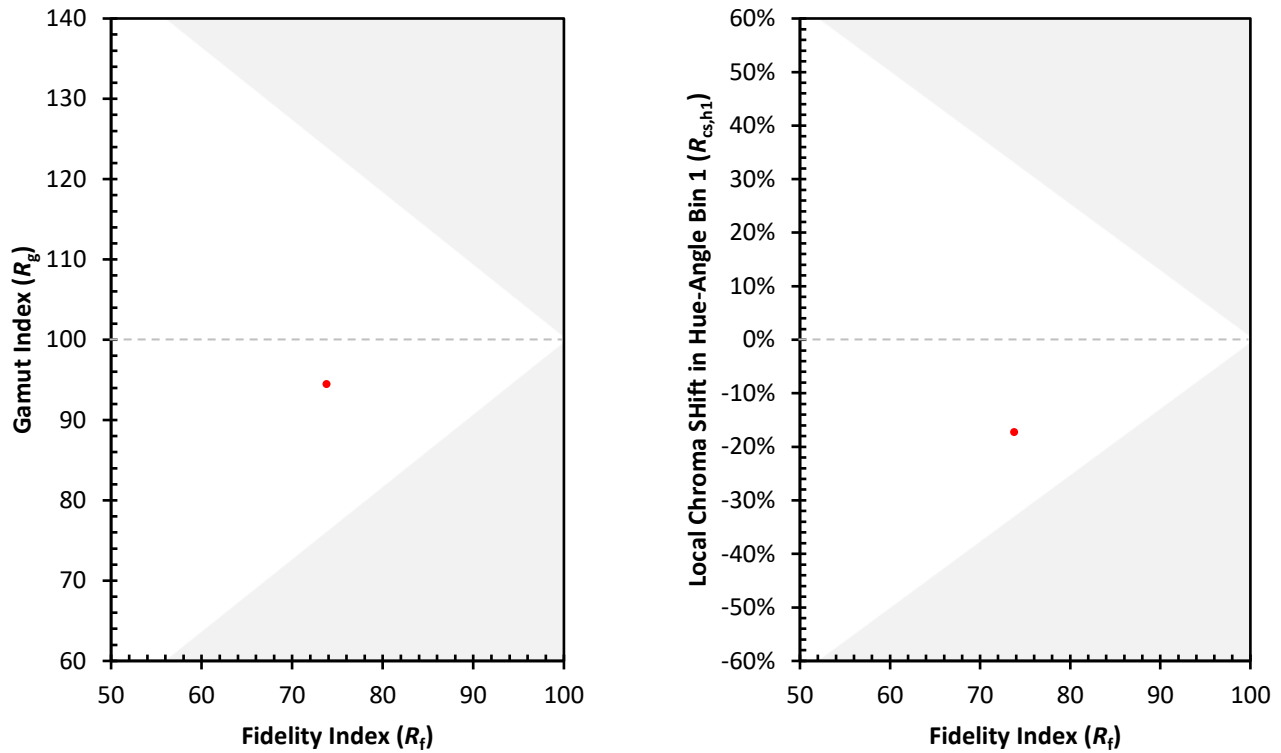
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)