

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: P1048986

Luminaire Tested: **GALN-SA8B-730-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048986
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8B-730-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
70CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 31657.9 lumens
Efficiency: N/A
Efficacy: 111.9 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

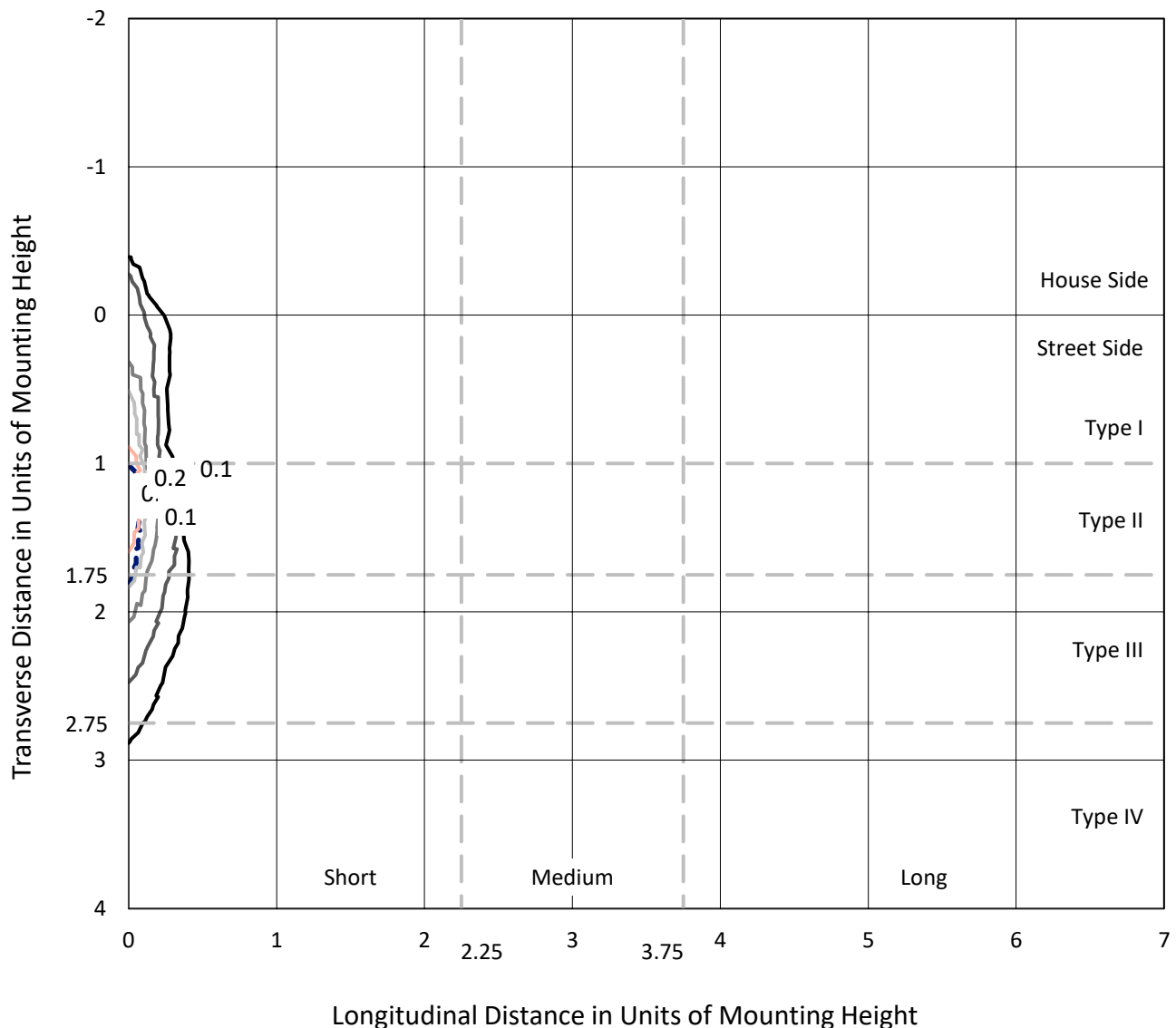
Input Watts (W): 282.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

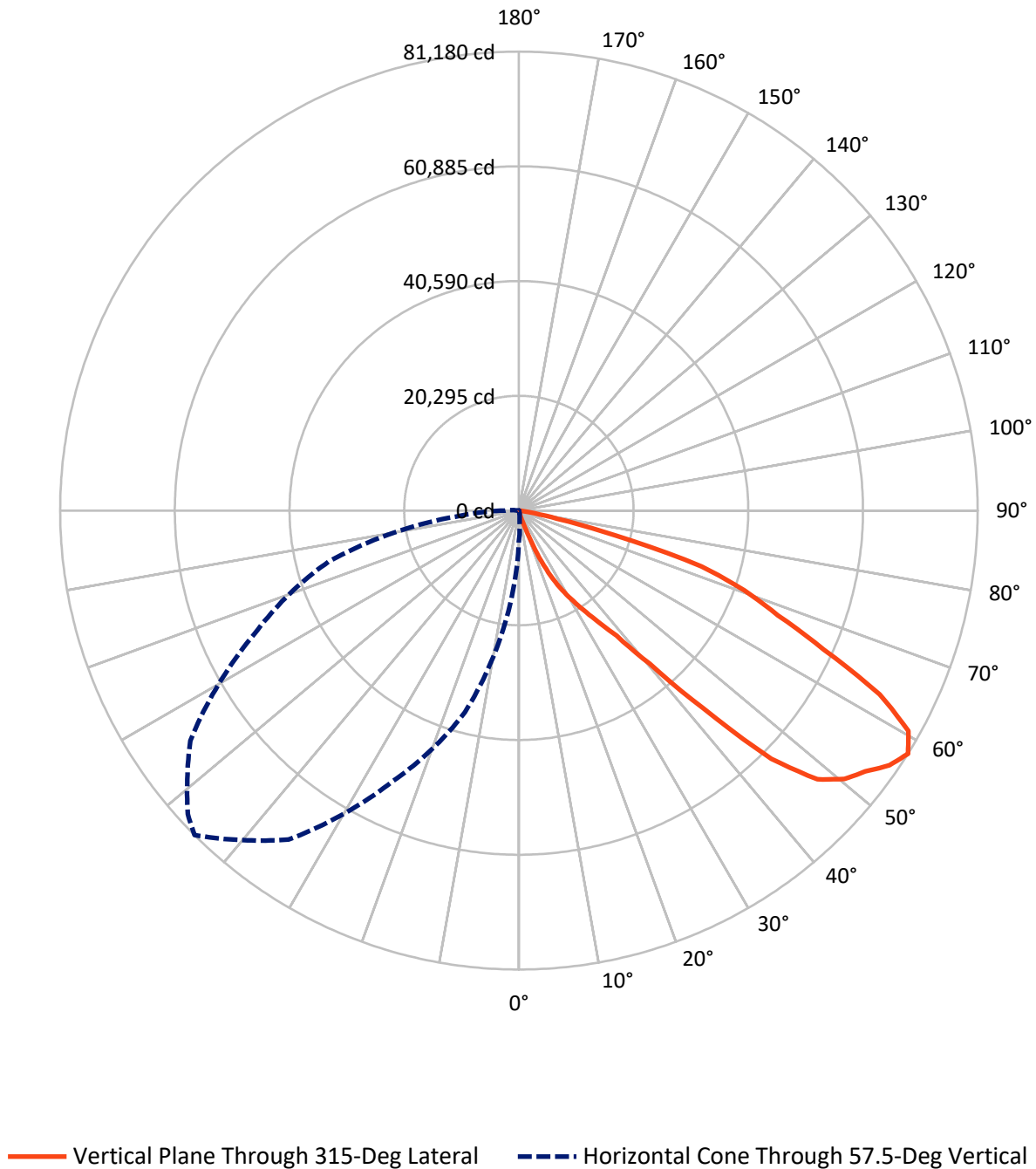
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.7 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	158.5	0.0	158.5
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	31499.4	0.0	31499.4
	% Fixture	99.5	0.0	99.5
Total	Lumens	31657.9	0.0	31657.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.4	0.0
10°-20°	69.6	0.2
20°-30°	750.3	2.4
30°-40°	2218.6	7.0
40°-50°	6612.1	20.9
50°-60°	10484.4	33.1
60°-70°	8751.9	27.6
70°-80°	2698.8	8.5
80°-90°	60.0	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	31657.9	100.0
0°-180°	31657.9	100.0



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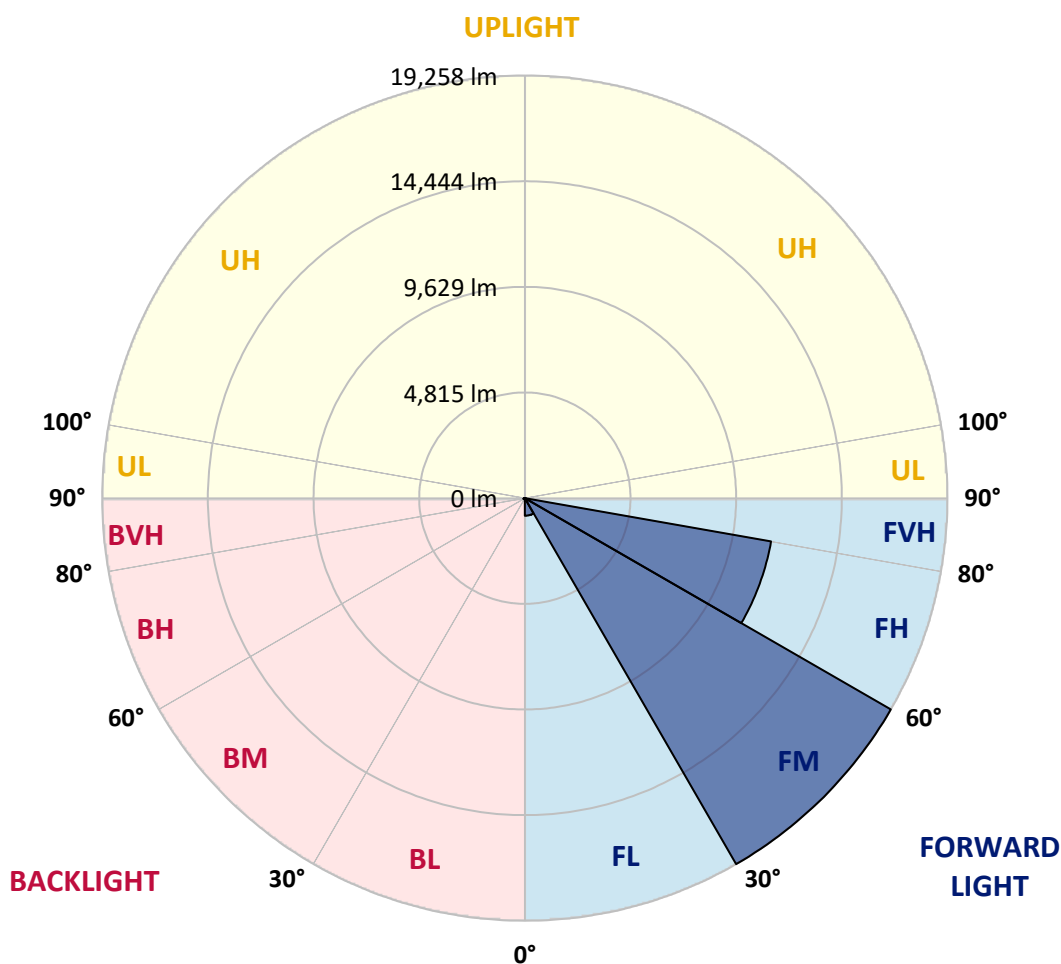
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	803.1	2.5			
FM	(30°-60°)	19258.4	60.8			
FH	(60°-80°)	11391.5	36.0			G4/12000
FVH	(80°-90°)	46.4	0.1			G1/100
BL	(0°-30°)	29.1	0.1	B0/110		
BM	(30°-60°)	56.7	0.2	B0/220		
BH	(60°-80°)	59.1	0.2	B0/110		G0/110
BVH	(80°-90°)	13.6	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-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°	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8
2.5°	126.8	126.8	126.8	126.8	124.4	124.4	122.0	122.0	119.6	119.6
5°	134.0	134.0	131.6	129.2	129.2	126.8	124.4	122.0	122.0	119.6
7.5°	145.9	143.5	141.1	138.8	134.0	131.6	126.8	124.4	122.0	117.2
10°	160.3	155.5	150.7	145.9	141.1	136.4	131.6	129.2	124.4	122.0
12.5°	179.4	172.3	162.7	155.5	150.7	143.5	138.8	134.0	126.8	122.0
15°	196.2	186.6	174.6	165.1	157.9	148.3	141.1	134.0	129.2	122.0
17.5°	220.1	203.4	184.2	172.3	162.7	150.7	138.8	131.6	124.4	114.8
20°	260.8	227.3	191.4	177.0	162.7	148.3	134.0	124.4	117.2	107.7
22.5°	325.4	267.9	210.5	189.0	169.9	148.3	129.2	119.6	110.0	100.5
25°	449.8	346.9	244.0	215.3	186.6	157.9	129.2	117.2	107.7	95.7
27.5°	598.1	445.0	289.5	248.8	210.5	169.9	129.2	114.8	102.9	88.5
30°	748.8	545.5	339.7	287.1	234.5	181.8	129.2	112.4	98.1	81.3
32.5°	892.4	638.8	382.8	320.6	258.4	193.8	131.6	112.4	93.3	74.2
35°	1038.3	715.3	390.0	325.4	260.8	193.8	129.2	107.7	88.5	67.0
37.5°	1224.9	801.4	375.6	311.0	248.8	184.2	122.0	102.9	83.7	62.2
40°	1507.2	945.0	382.8	315.8	248.8	181.8	114.8	95.7	78.9	59.8
42.5°	2028.7	1222.5	413.9	337.3	260.8	181.8	105.3	88.5	74.2	57.4
45°	3507.2	2031.1	555.0	440.2	325.4	210.5	95.7	81.3	69.4	55.0
47.5°	5801.5	3399.5	997.6	770.3	545.5	318.2	93.3	81.3	69.4	55.0
50°	7404.4	4330.2	1256.0	966.5	677.0	387.6	98.1	83.7	71.8	57.4
52.5°	7392.4	4397.2	1399.5	1074.2	751.2	425.8	102.9	88.5	76.6	62.2
55°	6571.8	4000.0	1425.8	1095.7	767.9	437.8	110.0	95.7	81.3	67.0
57.5°	5492.9	3397.2	1301.4	1007.2	715.3	421.1	126.8	110.0	95.7	78.9
60°	4344.5	2679.4	1014.4	801.4	590.9	378.0	167.5	145.9	126.8	105.3
62.5°	3000.0	1942.6	885.2	710.5	538.3	363.6	191.4	169.9	150.7	129.2
65°	2122.0	1461.7	799.0	650.7	504.8	356.5	208.1	184.2	162.7	138.8
67.5°	1586.1	1162.7	736.8	610.1	483.3	356.5	229.7	201.0	174.6	145.9
70°	1215.3	954.6	691.4	588.5	488.0	385.2	282.3	241.6	203.4	162.7
72.5°	990.4	815.8	638.8	564.6	490.4	416.3	342.1	289.5	236.8	181.8
75°	820.6	698.6	576.6	514.4	454.5	392.3	330.1	282.3	236.8	189.0
77.5°	545.5	497.6	447.4	411.5	375.6	337.3	301.4	260.8	222.5	181.8
80°	191.4	184.2	177.0	191.4	205.7	220.1	234.5	205.7	179.4	150.7
82.5°	28.7	26.3	23.9	26.3	28.7	31.1	33.5	35.9	38.3	40.7
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°	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8
0.0	2.5°	117.2	117.2	114.8	114.8	114.8	112.4	112.4	110.0	110.0	110.0
0.0	5°	114.8	114.8	112.4	110.0	107.7	107.7	105.3	102.9	102.9	100.5
0.0	7.5°	112.4	110.0	107.7	105.3	102.9	100.5	98.1	95.7	95.7	93.3
0.0	10°	114.8	110.0	107.7	102.9	100.5	98.1	93.3	90.9	88.5	88.5
0.0	12.5°	110.0	107.7	102.9	98.1	95.7	90.9	88.5	83.7	81.3	81.3
0.0	15°	110.0	105.3	98.1	93.3	88.5	86.1	81.3	76.6	74.2	71.8
0.0	17.5°	102.9	98.1	90.9	86.1	81.3	76.6	71.8	67.0	64.6	62.2
0.0	20°	93.3	88.5	81.3	74.2	69.4	64.6	59.8	55.0	52.6	50.2
0.0	22.5°	83.7	78.9	71.8	64.6	59.8	55.0	47.8	43.1	40.7	35.9
0.0	25°	78.9	71.8	64.6	57.4	50.2	45.5	38.3	31.1	26.3	21.5
0.0	27.5°	67.0	59.8	52.6	45.5	38.3	31.1	23.9	16.7	12.0	9.6
0.0	30°	57.4	50.2	43.1	35.9	26.3	19.1	12.0	2.4	2.4	2.4
0.0	32.5°	47.8	40.7	31.1	23.9	19.1	12.0	7.2	0.0	0.0	0.0
0.0	35°	38.3	31.1	21.5	14.4	12.0	7.2	4.8	0.0	0.0	0.0
0.0	37.5°	33.5	26.3	16.7	7.2	4.8	4.8	2.4	0.0	0.0	0.0
0.0	40°	31.1	21.5	12.0	2.4	2.4	2.4	0.0	0.0	0.0	0.0
0.0	42.5°	31.1	21.5	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	31.1	21.5	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	31.1	21.5	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	33.5	23.9	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	38.3	28.7	19.1	9.6	7.2	4.8	2.4	0.0	0.0	0.0
0.0	55°	47.8	43.1	35.9	31.1	23.9	16.7	7.2	0.0	0.0	0.0
0.0	57.5°	62.2	62.2	59.8	57.4	43.1	28.7	14.4	0.0	0.0	0.0
0.0	60°	83.7	83.7	83.7	83.7	62.2	43.1	21.5	0.0	0.0	0.0
0.0	62.5°	102.9	98.1	90.9	86.1	64.6	43.1	21.5	0.0	0.0	0.0
0.0	65°	102.9	93.3	81.3	69.4	52.6	35.9	16.7	0.0	0.0	0.0
0.0	67.5°	95.7	76.6	55.0	35.9	26.3	19.1	9.6	0.0	0.0	0.0
	70°	95.7	67.0	38.3	9.6	7.2	4.8	2.4	0.0	0.0	0.0
	72.5°	95.7	64.6	31.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	105.3	71.8	35.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	105.3	71.8	35.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	93.3	62.2	31.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	31.1	21.5	9.6	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°	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8
0.0	2.5°	107.7	107.7	107.7	105.3	105.3	105.3	105.3	102.9	102.9	102.9
0.0	5°	98.1	98.1	95.7	95.7	93.3	93.3	90.9	90.9	88.5	88.5
0.0	7.5°	90.9	88.5	88.5	86.1	83.7	83.7	81.3	81.3	78.9	76.6
0.0	10°	83.7	81.3	81.3	78.9	76.6	74.2	74.2	71.8	69.4	67.0
0.0	12.5°	76.6	74.2	71.8	69.4	67.0	64.6	64.6	62.2	59.8	57.4
0.0	15°	67.0	64.6	62.2	59.8	57.4	55.0	55.0	52.6	50.2	47.8
0.0	17.5°	57.4	55.0	55.0	52.6	50.2	47.8	45.5	40.7	38.3	35.9
0.0	20°	43.1	40.7	38.3	35.9	33.5	28.7	26.3	21.5	16.7	14.4
0.0	22.5°	28.7	23.9	21.5	16.7	12.0	9.6	7.2	2.4	0.0	0.0
0.0	25°	9.6	7.2	4.8	2.4	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: P1048986

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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048986

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CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8
0.0	2.5°	100.5	100.5	100.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0.0	5°	86.1	86.1	86.1	83.7	83.7	81.3	81.3	81.3	78.9	78.9
0.0	7.5°	74.2	71.8	71.8	69.4	69.4	67.0	67.0	67.0	64.6	64.6
0.0	10°	62.2	59.8	59.8	57.4	57.4	55.0	55.0	52.6	52.6	50.2
0.0	12.5°	55.0	52.6	50.2	47.8	47.8	45.5	43.1	43.1	40.7	38.3
0.0	15°	43.1	40.7	38.3	35.9	33.5	31.1	28.7	28.7	26.3	23.9
0.0	17.5°	28.7	23.9	21.5	19.1	19.1	16.7	14.4	12.0	9.6	7.2
0.0	20°	7.2	4.8	2.4	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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REPORT NUMBER: P1048986

CATALOG NUMBER: GALN-SA8B-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°	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8
0.0	2.5°	98.1	95.7	95.7	95.7	98.1	98.1	98.1	98.1	98.1	98.1
0.0	5°	78.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
0.0	7.5°	64.6	62.2	62.2	62.2	62.2	59.8	59.8	59.8	59.8	59.8
0.0	10°	50.2	47.8	47.8	47.8	47.8	45.5	45.5	45.5	45.5	45.5
0.0	12.5°	35.9	35.9	33.5	33.5	33.5	31.1	31.1	31.1	31.1	28.7
0.0	15°	21.5	19.1	16.7	16.7	16.7	14.4	14.4	14.4	14.4	12.0
0.0	17.5°	4.8	4.8	2.4	2.4	2.4	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA8B-730-U-RBC

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8
0.0	2.5°	100.5	100.5	102.9	102.9	105.3	110.0	112.4	114.8	119.6	124.4
0.0	5°	78.9	81.3	81.3	83.7	86.1	88.5	90.9	93.3	98.1	102.9
0.0	7.5°	62.2	62.2	64.6	64.6	67.0	71.8	74.2	76.6	81.3	88.5
0.0	10°	47.8	47.8	50.2	50.2	52.6	57.4	59.8	62.2	67.0	74.2
0.0	12.5°	31.1	33.5	33.5	35.9	38.3	43.1	45.5	47.8	52.6	57.4
0.0	15°	14.4	16.7	16.7	19.1	21.5	26.3	28.7	31.1	35.9	43.1
0.0	17.5°	2.4	2.4	4.8	4.8	7.2	9.6	12.0	14.4	21.5	26.3
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	9.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
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°	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8
0.0	2.5°	131.6	136.4	141.1	145.9	150.7	155.5	157.9	162.7	165.1	167.5
0.0	5°	112.4	117.2	124.4	129.2	134.0	138.8	143.5	145.9	148.3	150.7
0.0	7.5°	98.1	102.9	110.0	114.8	119.6	124.4	129.2	134.0	136.4	138.8
0.0	10°	83.7	90.9	95.7	102.9	107.7	112.4	117.2	122.0	126.8	129.2
0.0	12.5°	67.0	74.2	81.3	86.1	93.3	100.5	105.3	110.0	114.8	119.6
0.0	15°	52.6	59.8	67.0	71.8	78.9	86.1	93.3	98.1	102.9	107.7
0.0	17.5°	38.3	45.5	52.6	57.4	64.6	71.8	76.6	83.7	88.5	93.3
0.0	20°	19.1	26.3	33.5	40.7	47.8	55.0	59.8	67.0	71.8	76.6
0.0	22.5°	2.4	9.6	16.7	21.5	28.7	35.9	40.7	47.8	52.6	57.4
0.0	25°	0.0	2.4	7.2	9.6	12.0	16.7	21.5	26.3	31.1	35.9
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.4	4.8	9.6	14.4	19.1
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.4	4.8
	85°	0.0	0.0	0.0	0.0	0.0	4.8	7.2	12.0	14.4	16.7
	87.5°	0.0	2.4	4.8	7.2	9.6	14.4	19.1	23.9	26.3	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: P1048986

CATALOG NUMBER: GALN-SA8B-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
138.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.2	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											
2.4											
9.6											
21.5											
31.1											
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REPORT NUMBER: P1048986

CATALOG NUMBER: GALN-SA8B-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°	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8
0.0	2.5°	169.9	169.9	169.9	169.9	167.5	167.5	167.5	165.1	165.1	162.7
0.0	5°	155.5	157.9	157.9	157.9	157.9	157.9	157.9	157.9	155.5	155.5
0.0	7.5°	143.5	145.9	148.3	148.3	150.7	150.7	150.7	148.3	148.3	145.9
0.0	10°	136.4	138.8	138.8	141.1	141.1	141.1	141.1	141.1	141.1	141.1
0.0	12.5°	126.8	129.2	131.6	131.6	134.0	134.0	134.0	134.0	131.6	131.6
0.0	15°	114.8	119.6	122.0	124.4	124.4	126.8	126.8	126.8	126.8	126.8
0.0	17.5°	105.3	110.0	112.4	114.8	114.8	117.2	117.2	119.6	119.6	119.6
0.0	20°	86.1	90.9	93.3	98.1	100.5	102.9	105.3	107.7	107.7	110.0
0.0	22.5°	67.0	71.8	74.2	78.9	81.3	83.7	86.1	88.5	90.9	93.3
0.0	25°	47.8	52.6	55.0	59.8	62.2	64.6	67.0	69.4	69.4	71.8
0.0	27.5°	26.3	31.1	35.9	38.3	43.1	45.5	47.8	50.2	52.6	55.0
0.0	30°	12.0	14.4	16.7	21.5	23.9	26.3	28.7	33.5	35.9	38.3
0.0	32.5°	0.0	0.0	2.4	7.2	9.6	12.0	14.4	16.7	16.7	19.1
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.8	7.2	9.6
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°	4.8	4.8	4.8	7.2	7.2	7.2	7.2	7.2	7.2	7.2
	82.5°	12.0	14.4	16.7	16.7	19.1	19.1	19.1	19.1	16.7	16.7
	85°	23.9	26.3	28.7	28.7	31.1	31.1	31.1	31.1	31.1	31.1
	87.5°	33.5	35.9	38.3	38.3	40.7	40.7	40.7	40.7	40.7	40.7
	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: P1048986

CATALOG NUMBER: GALN-SA8B-730-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
138.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	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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7.2											
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31.1											
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REPORT NUMBER: P1048986

CATALOG NUMBER: GALN-SA8B-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°	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8
0.0	2.5°	160.3	160.3	157.9	157.9	157.9	157.9	157.9	160.3	162.7	162.7
0.0	5°	153.1	153.1	150.7	150.7	150.7	153.1	153.1	155.5	157.9	160.3
0.0	7.5°	145.9	143.5	143.5	145.9	145.9	148.3	148.3	150.7	153.1	155.5
0.0	10°	141.1	138.8	138.8	138.8	141.1	141.1	143.5	145.9	148.3	150.7
0.0	12.5°	131.6	131.6	131.6	131.6	134.0	134.0	136.4	138.8	143.5	145.9
0.0	15°	126.8	124.4	124.4	124.4	124.4	126.8	126.8	131.6	136.4	138.8
0.0	17.5°	117.2	117.2	114.8	114.8	117.2	117.2	119.6	124.4	129.2	131.6
0.0	20°	107.7	105.3	102.9	102.9	105.3	105.3	107.7	112.4	117.2	119.6
0.0	22.5°	93.3	90.9	90.9	90.9	90.9	93.3	93.3	98.1	105.3	110.0
0.0	25°	74.2	76.6	76.6	78.9	78.9	81.3	83.7	88.5	95.7	100.5
0.0	27.5°	57.4	59.8	59.8	64.6	67.0	69.4	71.8	78.9	86.1	90.9
0.0	30°	43.1	45.5	47.8	50.2	55.0	59.8	64.6	71.8	78.9	83.7
0.0	32.5°	26.3	31.1	33.5	38.3	43.1	47.8	52.6	59.8	69.4	76.6
0.0	35°	19.1	21.5	26.3	28.7	33.5	38.3	43.1	52.6	59.8	69.4
0.0	37.5°	9.6	14.4	19.1	23.9	28.7	33.5	38.3	47.8	57.4	64.6
0.0	40°	7.2	12.0	14.4	19.1	26.3	31.1	35.9	45.5	55.0	64.6
0.0	42.5°	4.8	7.2	9.6	16.7	21.5	28.7	35.9	45.5	55.0	64.6
0.0	45°	4.8	4.8	7.2	14.4	21.5	31.1	38.3	47.8	55.0	64.6
0.0	47.5°	4.8	7.2	9.6	19.1	23.9	31.1	38.3	45.5	55.0	62.2
0.0	50°	7.2	9.6	12.0	21.5	26.3	33.5	38.3	47.8	55.0	64.6
0.0	52.5°	4.8	7.2	9.6	19.1	26.3	35.9	43.1	52.6	62.2	69.4
0.0	55°	2.4	2.4	2.4	14.4	28.7	40.7	55.0	62.2	71.8	78.9
0.0	57.5°	0.0	0.0	0.0	9.6	28.7	45.5	62.2	71.8	81.3	88.5
0.0	60°	0.0	0.0	0.0	9.6	28.7	45.5	62.2	74.2	86.1	98.1
0.0	62.5°	0.0	0.0	0.0	9.6	23.9	38.3	52.6	71.8	93.3	112.4
0.0	65°	0.0	0.0	0.0	7.2	19.1	31.1	43.1	71.8	100.5	126.8
0.0	67.5°	0.0	0.0	0.0	7.2	19.1	28.7	40.7	71.8	100.5	131.6
	70°	0.0	0.0	0.0	7.2	19.1	31.1	43.1	71.8	100.5	129.2
	72.5°	0.0	0.0	0.0	7.2	21.5	33.5	47.8	71.8	95.7	119.6
	75°	0.0	0.0	0.0	9.6	21.5	35.9	50.2	71.8	93.3	112.4
	77.5°	0.0	0.0	0.0	7.2	21.5	33.5	47.8	69.4	90.9	110.0
	80°	7.2	4.8	4.8	12.0	21.5	31.1	40.7	62.2	86.1	107.7
	82.5°	14.4	14.4	12.0	16.7	21.5	28.7	35.9	55.0	76.6	95.7
	85°	28.7	28.7	26.3	28.7	28.7	31.1	33.5	43.1	52.6	62.2
	87.5°	38.3	38.3	35.9	35.9	35.9	33.5	33.5	33.5	33.5	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

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
138.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.7	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
153.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.9											
143.5											
134.0											
131.6											
129.2											
114.8											
71.8											
31.1											
0.0											
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REPORT NUMBER: P1048986

CATALOG NUMBER: GALN-SA8B-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°	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8
0.0	2.5°	167.5	169.9	169.9	172.3	174.6	177.0	177.0	179.4	179.4	179.4
0.0	5°	165.1	169.9	172.3	174.6	177.0	179.4	181.8	184.2	186.6	186.6
0.0	7.5°	162.7	165.1	169.9	172.3	177.0	179.4	184.2	186.6	189.0	191.4
0.0	10°	157.9	162.7	167.5	172.3	177.0	181.8	186.6	191.4	196.2	198.6
0.0	12.5°	153.1	160.3	165.1	169.9	177.0	184.2	189.0	196.2	201.0	205.7
0.0	15°	150.7	155.5	162.7	167.5	177.0	186.6	193.8	203.4	212.9	220.1
0.0	17.5°	143.5	153.1	160.3	167.5	177.0	189.0	198.6	208.1	222.5	236.8
0.0	20°	134.0	141.1	150.7	157.9	172.3	184.2	198.6	210.5	232.1	253.6
0.0	22.5°	124.4	134.0	141.1	150.7	167.5	181.8	198.6	212.9	248.8	282.3
0.0	25°	114.8	126.8	136.4	145.9	165.1	184.2	203.4	222.5	282.3	342.1
0.0	27.5°	110.0	119.6	131.6	141.1	165.1	191.4	215.3	239.2	334.9	428.2
0.0	30°	102.9	114.8	124.4	136.4	167.5	198.6	229.7	260.8	406.7	552.6
0.0	32.5°	95.7	107.7	119.6	131.6	172.3	212.9	251.2	291.9	483.3	672.3
0.0	35°	88.5	102.9	114.8	126.8	179.4	234.5	287.1	339.7	552.6	763.2
0.0	37.5°	86.1	100.5	112.4	124.4	181.8	236.8	294.3	349.3	559.8	770.3
0.0	40°	88.5	100.5	114.8	126.8	174.6	222.5	267.9	315.8	535.9	753.6
0.0	42.5°	88.5	102.9	117.2	131.6	169.9	208.1	246.4	284.7	528.7	772.7
0.0	45°	86.1	100.5	114.8	129.2	165.1	198.6	234.5	267.9	571.8	873.2
0.0	47.5°	83.7	98.1	112.4	126.8	162.7	198.6	234.5	270.3	739.2	1205.8
0.0	50°	83.7	98.1	110.0	122.0	165.1	210.5	253.6	296.7	1076.6	1854.1
0.0	52.5°	88.5	100.5	110.0	119.6	169.9	222.5	272.7	323.0	1368.4	2411.5
0.0	55°	95.7	102.9	112.4	119.6	181.8	241.6	303.8	363.6	1456.9	2550.3
0.0	57.5°	105.3	112.4	119.6	126.8	203.4	279.9	354.1	430.6	1464.1	2495.2
0.0	60°	117.2	126.8	134.0	141.1	222.5	306.2	387.6	468.9	1325.4	2179.4
0.0	62.5°	143.5	155.5	165.1	177.0	256.0	332.5	411.5	488.0	1100.5	1712.9
0.0	65°	165.1	174.6	184.2	193.8	270.3	349.3	425.8	502.4	933.0	1363.6
0.0	67.5°	169.9	179.4	186.6	196.2	275.1	354.1	430.6	509.6	799.0	1086.1
	70°	172.3	184.2	198.6	210.5	291.9	373.2	452.2	533.5	708.1	882.8
	72.5°	165.1	189.0	210.5	232.1	308.6	382.8	459.3	533.5	657.9	782.3
	75°	165.1	198.6	229.7	260.8	318.2	373.2	430.6	485.6	581.3	677.0
	77.5°	174.6	217.7	260.8	303.8	337.3	368.4	401.9	433.0	495.2	557.4
	80°	174.6	220.1	263.2	308.6	323.0	339.7	354.1	368.4	375.6	382.8
	82.5°	150.7	186.6	222.5	258.4	241.6	224.9	208.1	191.4	179.4	165.1
	85°	76.6	83.7	88.5	93.3	86.1	78.9	71.8	64.6	59.8	52.6
	87.5°	31.1	31.1	28.7	28.7	28.7	28.7	26.3	26.3	26.3	26.3
	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

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CATALOG NUMBER: GALN-SA8B-730-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
138.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
186.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
203.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
212.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
232.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
256.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
294.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
375.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
509.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
708.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
959.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1198.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1361.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1483.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1605.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1844.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2323.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3540.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5423.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6827.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6983.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6301.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5387.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4210.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3181.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2349.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1662.7											
1236.9											
899.5											
677.0											
380.4											
172.3											
50.2											
23.9											
0.0											
0.0											
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REPORT NUMBER: P1048986

CATALOG NUMBER: GALN-SA8B-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°	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8
0.0	2.5°	179.4	177.0	177.0	174.6	172.3	169.9	167.5	165.1	162.7	160.3
0.0	5°	186.6	186.6	186.6	184.2	184.2	181.8	181.8	179.4	177.0	174.6
0.0	7.5°	193.8	196.2	196.2	198.6	198.6	198.6	198.6	196.2	196.2	196.2
0.0	10°	205.7	208.1	210.5	212.9	215.3	217.7	217.7	220.1	220.1	220.1
0.0	12.5°	220.1	227.3	232.1	239.2	244.0	251.2	256.0	263.2	267.9	272.7
0.0	15°	241.6	253.6	267.9	279.9	291.9	308.6	327.8	344.5	361.2	387.6
0.0	17.5°	272.7	311.0	349.3	385.2	423.4	507.2	590.9	672.3	756.0	878.0
0.0	20°	332.5	447.4	559.8	674.6	787.1	1081.3	1373.2	1667.5	1959.3	2272.7
0.0	22.5°	466.5	748.8	1031.1	1313.4	1595.7	2210.5	2823.0	3437.8	4050.3	4770.4
0.0	25°	677.0	1196.2	1715.3	2232.1	2751.2	3712.9	4677.1	5638.8	6600.5	7535.9
0.0	27.5°	985.7	1779.9	2574.2	3366.1	4160.3	5464.2	6770.4	8074.2	9378.1	10435.5
0.0	30°	1366.0	2442.6	3519.2	4595.7	5672.3	7155.6	8638.8	10119.7	11603.0	12758.5
0.0	32.5°	1724.9	3043.1	4361.3	5677.1	6995.3	8684.3	10375.7	12064.7	13753.7	15016.9
0.0	35°	1959.3	3552.7	5148.4	6741.7	8335.0	10162.8	11990.5	13815.9	15643.7	17086.2
0.0	37.5°	2193.8	4033.5	5870.9	7710.6	9547.9	11555.1	13562.3	15569.5	17576.7	19359.0
0.0	40°	2457.0	4614.9	6770.4	8928.3	11083.8	13461.8	15837.4	18215.4	20591.1	23105.4
0.0	42.5°	2913.9	5579.0	8246.5	10911.6	13576.7	16722.6	19868.6	23012.1	26158.1	29746.6
0.0	45°	3772.8	7528.8	11287.2	15043.2	18799.2	22966.7	27136.6	31304.1	35471.5	40246.7
0.0	47.5°	5875.6	11043.1	16208.2	21375.8	26540.9	31040.9	35538.5	40038.6	44536.2	49292.2
0.0	50°	8990.5	15004.9	21019.3	27031.3	33045.7	37117.5	41186.9	45258.7	49328.1	53852.1
0.0	52.5°	11244.1	17509.7	23777.7	30043.3	36308.9	39983.5	43660.6	47335.3	51009.9	55237.2
0.0	55°	11414.0	17643.7	23875.8	30105.5	36335.2	40026.6	43718.0	47409.4	51100.8	55581.7
0.0	57.5°	10105.3	16284.8	22461.9	28641.4	34818.4	39021.8	43222.8	47426.2	51627.2	56471.7
0.0	60°	8595.8	14777.6	20957.1	27138.9	33318.4	38160.6	43005.1	47847.2	52689.4	57227.7
0.0	62.5°	6705.8	13064.7	19426.0	25784.9	32143.8	37060.1	41976.4	46890.3	51806.6	55210.9
0.0	65°	4997.6	11172.3	17347.0	23519.3	29694.0	33631.8	37569.6	41505.1	45442.9	47550.6
0.0	67.5°	3612.5	8937.9	14260.9	19586.3	24909.3	27727.5	30545.7	33361.5	36179.7	37792.1
	70°	2442.6	6131.6	9818.3	13507.3	17193.9	19509.7	21827.9	24143.7	26459.5	28636.6
	72.5°	1691.4	3763.2	5837.4	7909.1	9980.9	12311.1	14638.9	16969.0	19296.8	21600.6
	75°	1122.0	2064.6	3009.6	3952.2	4894.8	6619.7	8346.9	10071.8	11796.7	13170.0
	77.5°	796.7	1079.0	1363.6	1645.9	1928.2	2251.2	2576.6	2899.5	3222.5	3712.9
	80°	378.0	413.9	449.8	483.3	519.1	636.4	753.6	870.8	988.0	1112.4
	82.5°	179.4	193.8	208.1	220.1	234.5	246.4	258.4	270.3	282.3	270.3
	85°	47.8	47.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	47.8
	87.5°	21.5	21.5	21.5	21.5	21.5	21.5	21.5	19.1	19.1	16.7
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
138.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
222.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
275.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
416.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
997.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2588.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5490.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8471.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11492.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13916.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16282.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18528.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21143.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25619.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33335.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45021.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54048.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58376.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59464.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60065.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61316.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61763.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58617.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49660.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39407.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30811.2											
23904.5											
14543.2											
4203.4											
1236.9											
256.0											
45.5											
16.7											
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°	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8
0.0	2.5°	155.5	153.1	150.7	148.3	145.9	141.1	141.1	138.8	138.8
0.0	5°	169.9	167.5	165.1	162.7	162.7	160.3	157.9	157.9	155.5
0.0	7.5°	193.8	191.4	189.0	186.6	186.6	184.2	184.2	181.8	181.8
0.0	10°	222.5	222.5	222.5	222.5	222.5	220.1	220.1	220.1	217.7
0.0	12.5°	279.9	282.3	287.1	291.9	299.0	299.0	299.0	296.7	296.7
0.0	15°	442.6	468.9	488.0	507.2	523.9	562.2	557.4	550.2	545.5
0.0	17.5°	1119.6	1239.2	1303.8	1366.0	1430.6	1607.7	1579.0	1550.3	1523.9
0.0	20°	2901.9	3215.3	3423.5	3631.6	3842.1	4174.7	4093.3	4012.0	3930.7
0.0	22.5°	6208.2	6928.3	7241.7	7555.1	7866.1	8268.0	8007.2	7746.5	7488.1
0.0	25°	9404.4	10339.8	10868.5	11397.2	11923.5	12153.2	11813.5	11471.4	11131.7
0.0	27.5°	12550.3	13607.8	14074.3	14538.4	15004.9	15485.8	15064.7	14641.3	14220.2
0.0	30°	15071.9	16227.4	16732.2	17234.6	17739.4	18074.3	17638.9	17201.1	16765.7
0.0	32.5°	17545.6	18808.7	19361.4	19914.0	20464.3	20945.1	20409.2	19871.0	19335.1
0.0	35°	19969.0	21411.6	22172.4	22933.2	23693.9	24141.3	23505.0	22866.2	22229.8
0.0	37.5°	22926.0	24708.3	25560.0	26411.7	27263.4	28079.1	27378.2	26674.8	25973.9
0.0	40°	28134.2	30648.5	31954.8	33263.4	34569.6	35622.3	34737.1	33851.9	32966.7
0.0	42.5°	36923.7	40512.3	42390.3	44265.9	46143.9	47787.4	46856.8	45926.2	44995.5
0.0	45°	49797.0	54572.2	56861.6	59148.7	61438.2	62639.2	61299.5	59957.4	58617.6
0.0	47.5°	58801.9	63557.9	65596.2	67634.5	69672.7	71043.6	69404.8	67766.0	66129.7
0.0	50°	62897.6	67421.5	69467.0	71510.1	73555.5	74644.1	72751.7	70857.0	68964.6
0.0	52.5°	63689.4	67916.8	70357.0	72799.6	75239.8	76694.3	74459.9	72223.0	69988.5
0.0	55°	64545.9	69026.8	71857.0	74689.5	77519.7	79534.1	77007.7	74479.0	71952.7
0.0	57.5°	66158.4	71002.9	73825.9	76646.5	79469.5	81180.0	78646.5	76110.6	73577.1
0.0	60°	66301.9	70837.8	73263.7	75691.9	78117.8	79194.3	76770.9	74345.0	71921.6
0.0	62.5°	62022.0	65426.3	67110.5	68794.7	70479.0	71648.8	69120.1	66589.0	64060.3
0.0	65°	51768.3	53876.0	55218.1	56560.2	57902.3	59297.1	56981.3	54665.5	52349.7
0.0	67.5°	41019.4	42631.9	44399.8	46167.8	47935.7	49426.2	47572.1	45715.6	43861.6
	70°	32988.3	35162.9	37151.0	39139.0	41127.1	42347.2	40485.9	38622.3	36761.0
	72.5°	26208.3	28512.2	30172.5	31830.4	33490.7	33789.7	32421.3	31052.9	29686.8
	75°	15914.0	17287.2	17320.7	17351.8	17385.3	17670.0	16536.0	15402.0	14270.4
	77.5°	4693.8	5184.2	5588.6	5990.5	6394.8	6882.8	6466.6	6047.9	5631.6
	80°	1358.9	1483.3	1588.5	1691.4	1796.7	1734.5	1636.4	1538.3	1440.2
	82.5°	244.0	229.7	227.3	224.9	224.9	212.9	193.8	174.6	155.5
	85°	43.1	40.7	38.3	35.9	33.5	31.1	26.3	23.9	19.1
	87.5°	14.4	12.0	9.6	7.2	7.2	2.4	2.4	2.4	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: P1048986

CATALOG NUMBER: GALN-SA8B-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°	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8	138.8
0.0	0.0	2.5°	136.4	134.0	134.0	134.0	134.0	131.6	131.6	131.6	131.6
0.0	0.0	5°	150.7	150.7	148.3	148.3	145.9	145.9	143.5	143.5	141.1
0.0	0.0	7.5°	177.0	174.6	172.3	169.9	167.5	162.7	160.3	157.9	157.9
0.0	0.0	10°	212.9	208.1	205.7	201.0	198.6	193.8	189.0	184.2	179.4
0.0	0.0	12.5°	279.9	270.3	263.2	253.6	244.0	236.8	227.3	220.1	210.5
0.0	0.0	15°	485.6	461.7	435.4	404.3	370.8	339.7	306.2	287.1	265.6
0.0	0.0	17.5°	1241.6	1117.2	990.4	887.6	784.7	684.2	581.3	507.2	433.0
0.0	0.0	20°	3160.3	2815.8	2471.3	2131.6	1789.5	1449.8	1107.7	935.4	763.2
0.0	0.0	22.5°	5947.4	5308.7	4667.5	4047.9	3425.9	2806.2	2186.6	1796.7	1409.1
0.0	0.0	25°	9179.5	8375.7	7571.8	6552.7	5531.1	4512.0	3492.8	2858.9	2224.9
0.0	0.0	27.5°	11945.1	11019.2	10093.4	8854.1	7614.9	6375.6	5136.4	4191.4	3248.8
0.0	0.0	30°	14339.8	13344.6	12349.4	10906.8	9464.2	8021.6	6579.0	5397.2	4215.3
0.0	0.0	32.5°	16416.4	15225.0	14033.6	12545.5	11057.5	9569.4	8081.4	6631.6	5181.9
0.0	0.0	35°	18811.1	17421.2	16028.8	14378.1	12725.0	11074.2	9423.5	7787.1	6148.4
0.0	0.0	37.5°	21854.2	20148.5	18440.3	16600.6	14760.9	12923.5	11083.8	9213.0	7342.2
0.0	0.0	40°	27679.6	25478.7	23277.7	20940.3	18600.6	16263.3	13925.9	11629.3	9332.6
0.0	0.0	42.5°	38117.5	35143.8	32170.1	29060.0	25947.6	22837.5	19725.0	16485.8	13244.1
0.0	0.0	45°	49897.5	46208.5	42517.0	39026.6	35533.7	32043.3	28552.8	24107.8	19662.8
0.0	0.0	47.5°	56521.9	52538.7	48555.4	45251.5	41947.7	38643.8	35340.0	30548.1	25756.2
0.0	0.0	50°	58959.8	54904.7	50849.6	47809.0	44765.9	41725.2	38682.1	33883.0	29081.5
0.0	0.0	52.5°	59478.9	55342.5	51206.1	48146.3	45086.4	42029.0	38969.2	34201.2	29433.2
0.0	0.0	55°	60545.9	56108.1	51667.8	48179.8	44691.7	41203.6	37715.6	32871.0	28026.5
0.0	0.0	57.5°	61940.6	57390.4	52840.1	48866.4	44892.7	40921.3	36947.6	31650.9	26354.3
0.0	0.0	60°	61574.6	57615.2	53653.5	49397.5	45139.1	40883.1	36624.7	30799.3	24971.5
0.0	0.0	62.5°	55220.5	52067.4	48911.8	45411.8	41909.4	38409.4	34909.3	28911.7	22914.0
0.0	0.0	65°	45428.6	43127.1	40825.6	38009.8	35191.6	32375.8	29560.0	24182.0	18806.4
0.0	0.0	67.5°	36818.4	34225.1	31629.4	29385.4	27138.9	24894.9	22648.5	18416.4	14184.3
		70°	29251.4	26430.8	23607.8	21416.4	19222.6	17031.2	14839.8	12026.4	9215.4
		72.5°	23229.8	20686.8	18143.7	15806.3	13466.6	11129.3	8789.5	7126.8	5464.2
		75°	11102.9	10086.2	9069.4	7846.9	6624.4	5402.0	4179.5	3454.6	2732.1
		77.5°	4114.9	3567.0	3016.8	2519.2	2021.5	1526.3	1028.7	942.6	856.5
		80°	1064.6	928.2	789.5	691.4	590.9	492.8	394.7	356.5	320.6
		82.5°	122.0	112.4	105.3	100.5	93.3	88.5	81.3	74.2	67.0
		85°	7.2	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	138.8	138.8
0.0	0.0	2.5°	129.2	126.8
0.0	0.0	5°	136.4	134.0
0.0	0.0	7.5°	150.7	145.9
0.0	0.0	10°	165.1	160.3
0.0	0.0	12.5°	186.6	179.4
0.0	0.0	15°	210.5	196.2
0.0	0.0	17.5°	251.2	220.1
0.0	0.0	20°	339.7	260.8
0.0	0.0	22.5°	478.5	325.4
0.0	0.0	25°	703.4	449.8
0.0	0.0	27.5°	978.5	598.1
0.0	0.0	30°	1301.4	748.8
0.0	0.0	32.5°	1586.1	892.4
0.0	0.0	35°	1957.0	1038.3
0.0	0.0	37.5°	2413.9	1224.9
0.0	0.0	40°	3122.0	1507.2
0.0	0.0	42.5°	4397.2	2028.7
0.0	0.0	45°	7141.2	3507.2
0.0	0.0	47.5°	10988.1	5801.5
0.0	0.0	50°	13442.7	7404.4
0.0	0.0	52.5°	13643.6	7392.4
0.0	0.0	55°	12454.6	6571.8
0.0	0.0	57.5°	10626.9	5492.9
0.0	0.0	60°	8832.6	4344.5
0.0	0.0	62.5°	6959.4	3000.0
0.0	0.0	65°	5086.2	2122.0
0.0	0.0	67.5°	3653.1	1586.1
		70°	2401.9	1215.3
		72.5°	1564.6	990.4
		75°	1052.6	820.6
		77.5°	614.8	545.5
		80°	217.7	191.4
		82.5°	40.7	28.7
		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: P1048986

CATALOG NUMBER: GALN-SA8B-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

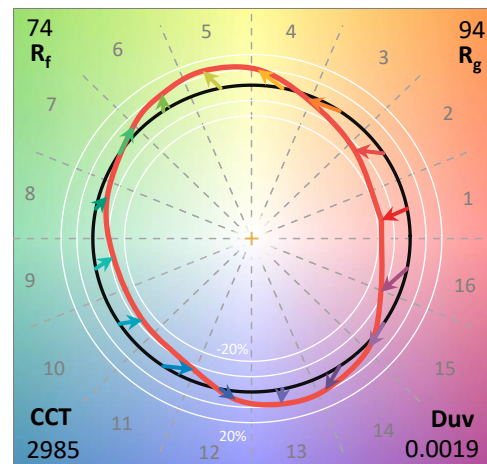
Test Information

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

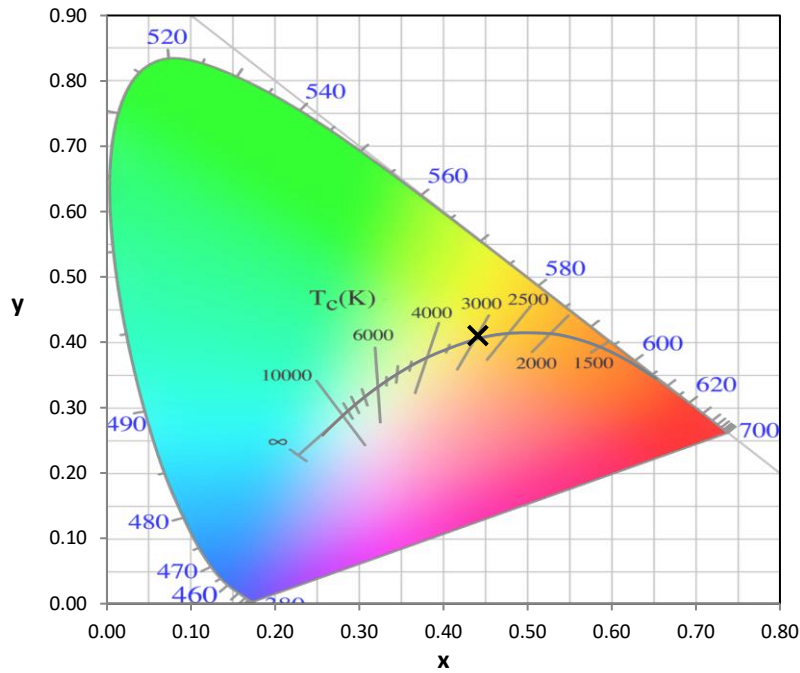
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

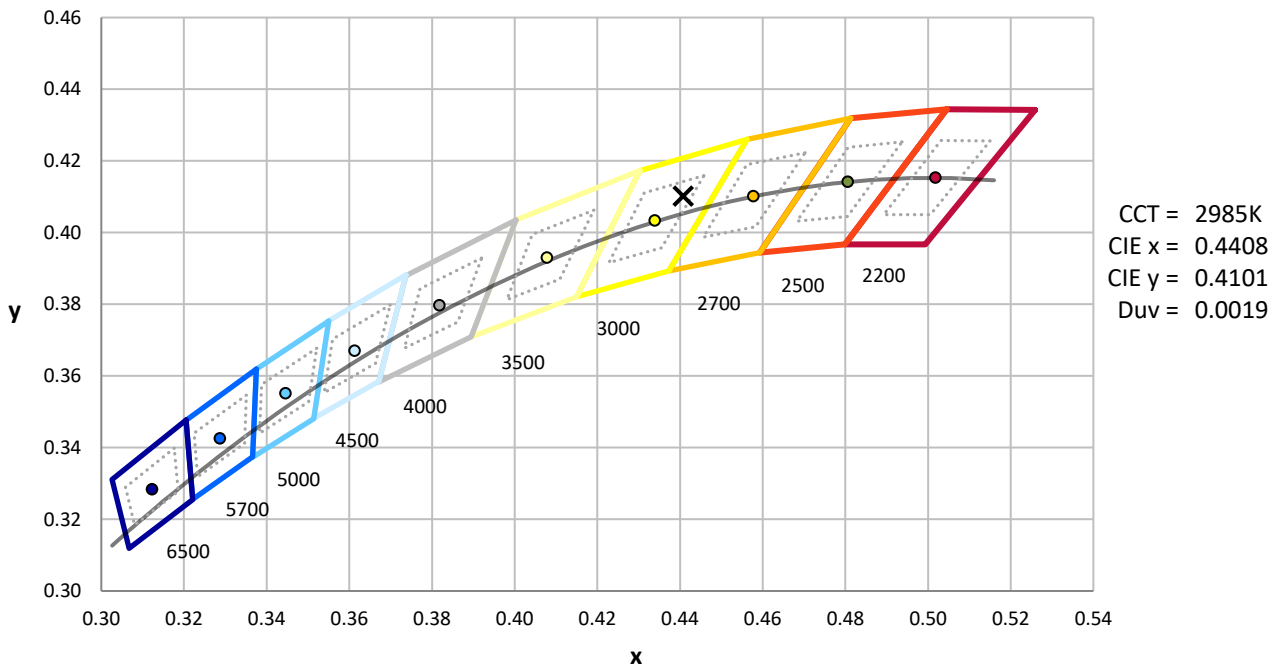
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



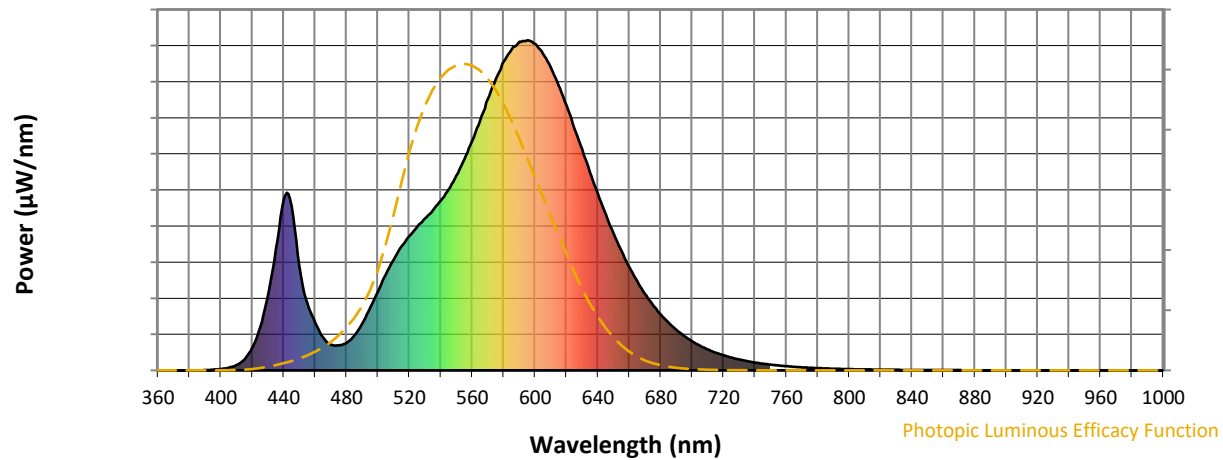
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

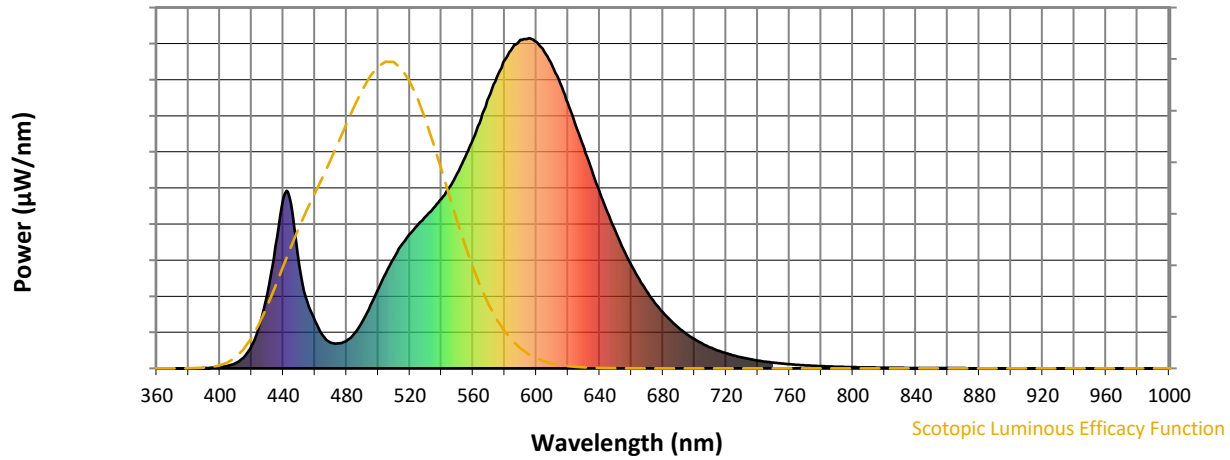


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /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



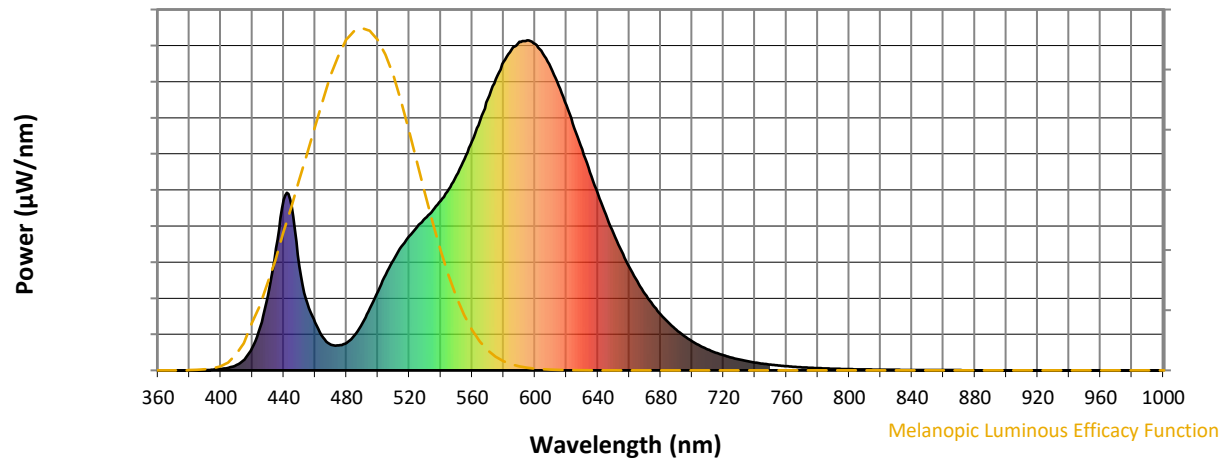
Scotopic Lumens: NR

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

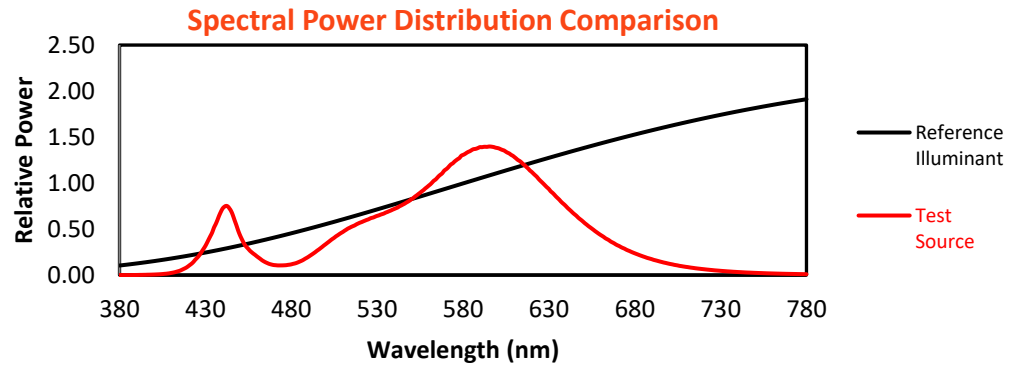
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	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			

REPORT NUMBER: SP1-2407-184-4

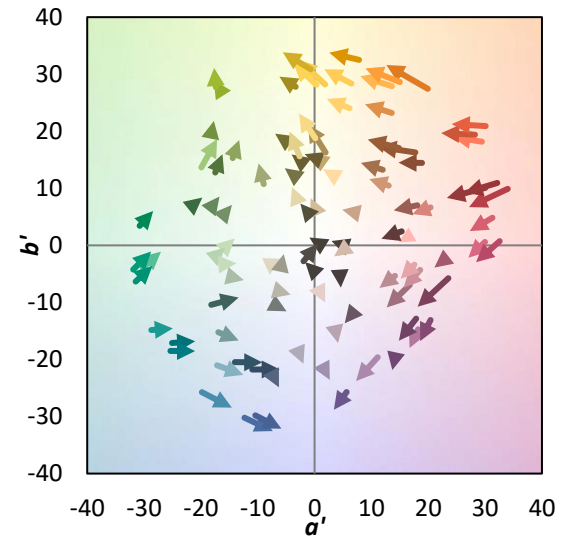
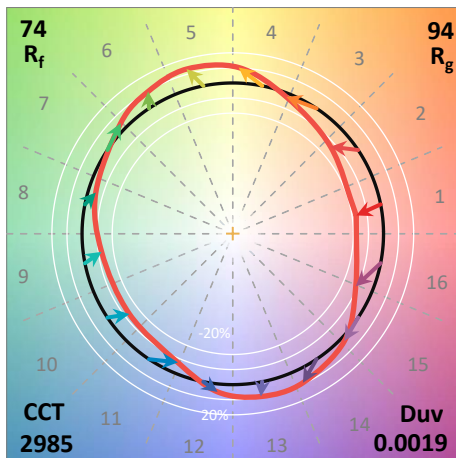
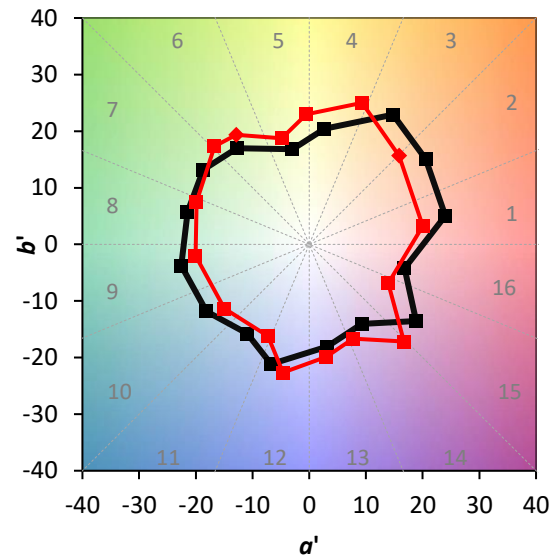
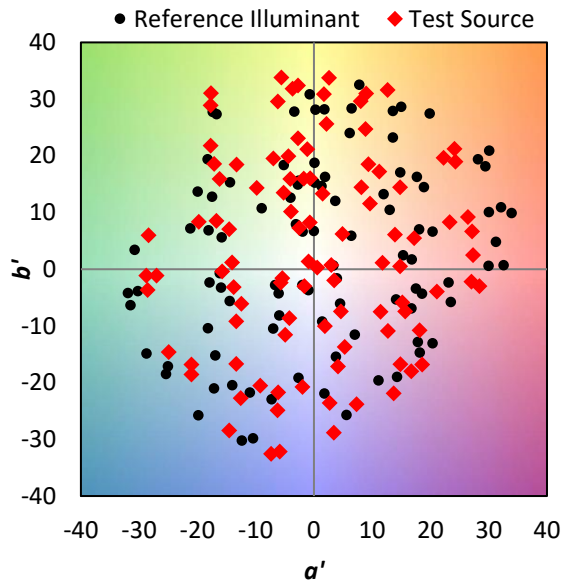
TM-30-18

Summary

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

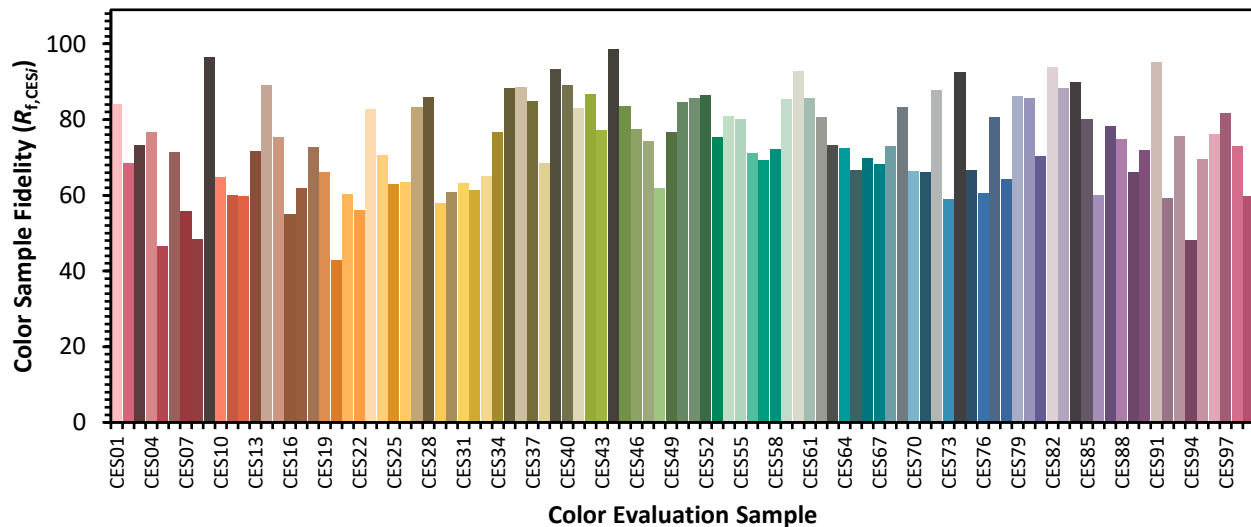


Color Vector Graphics

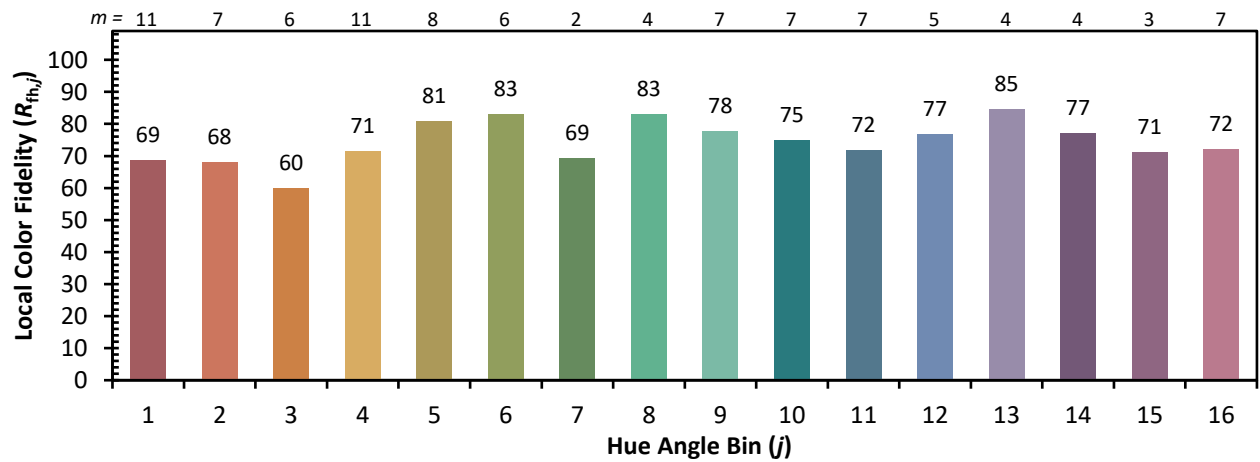
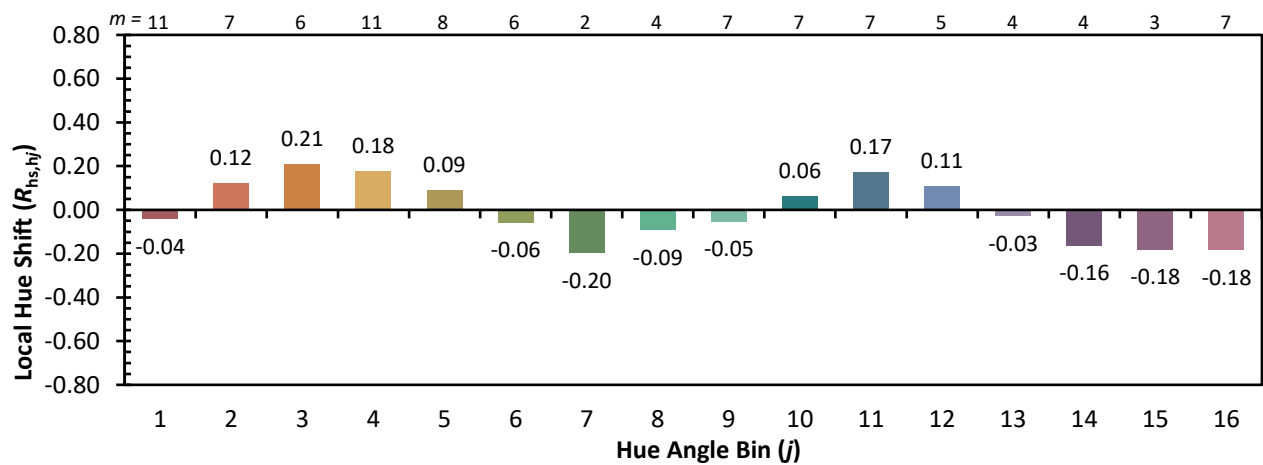
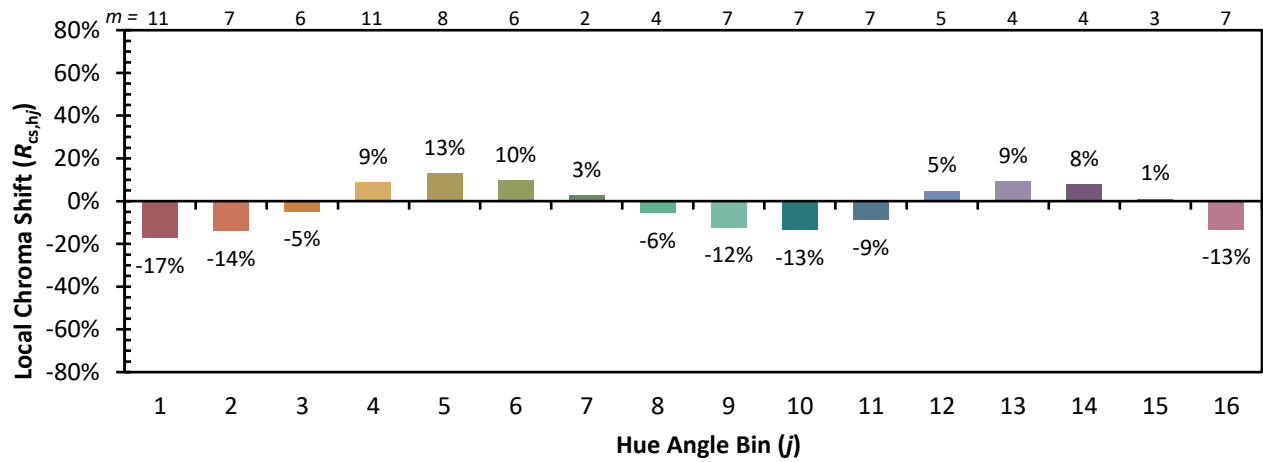


Individual Sample Fidelity Index ($R_{f,i}$)

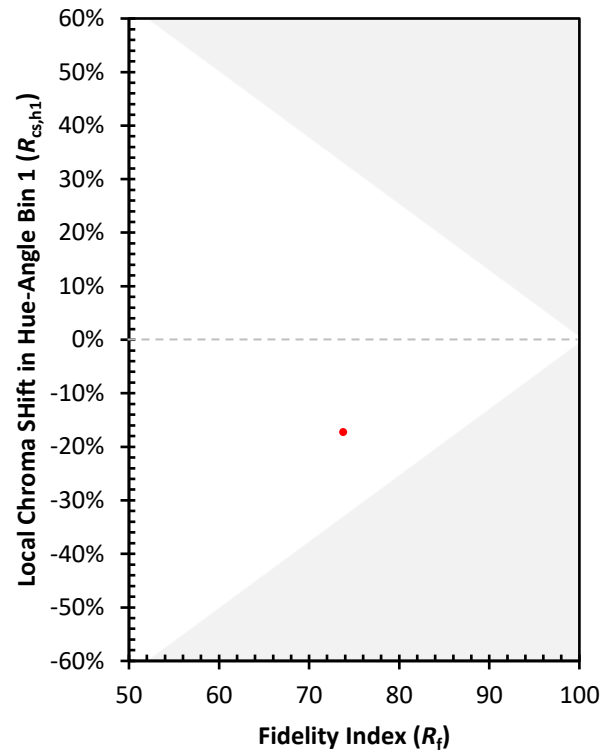
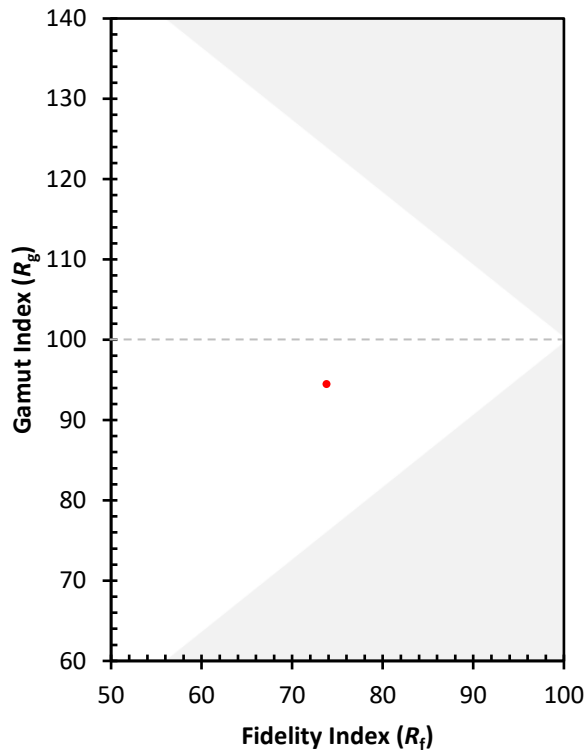
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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)