

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: P1048990

Luminaire Tested: **GALN-SA9B-730-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048990
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9B-730-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE
70CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (126) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

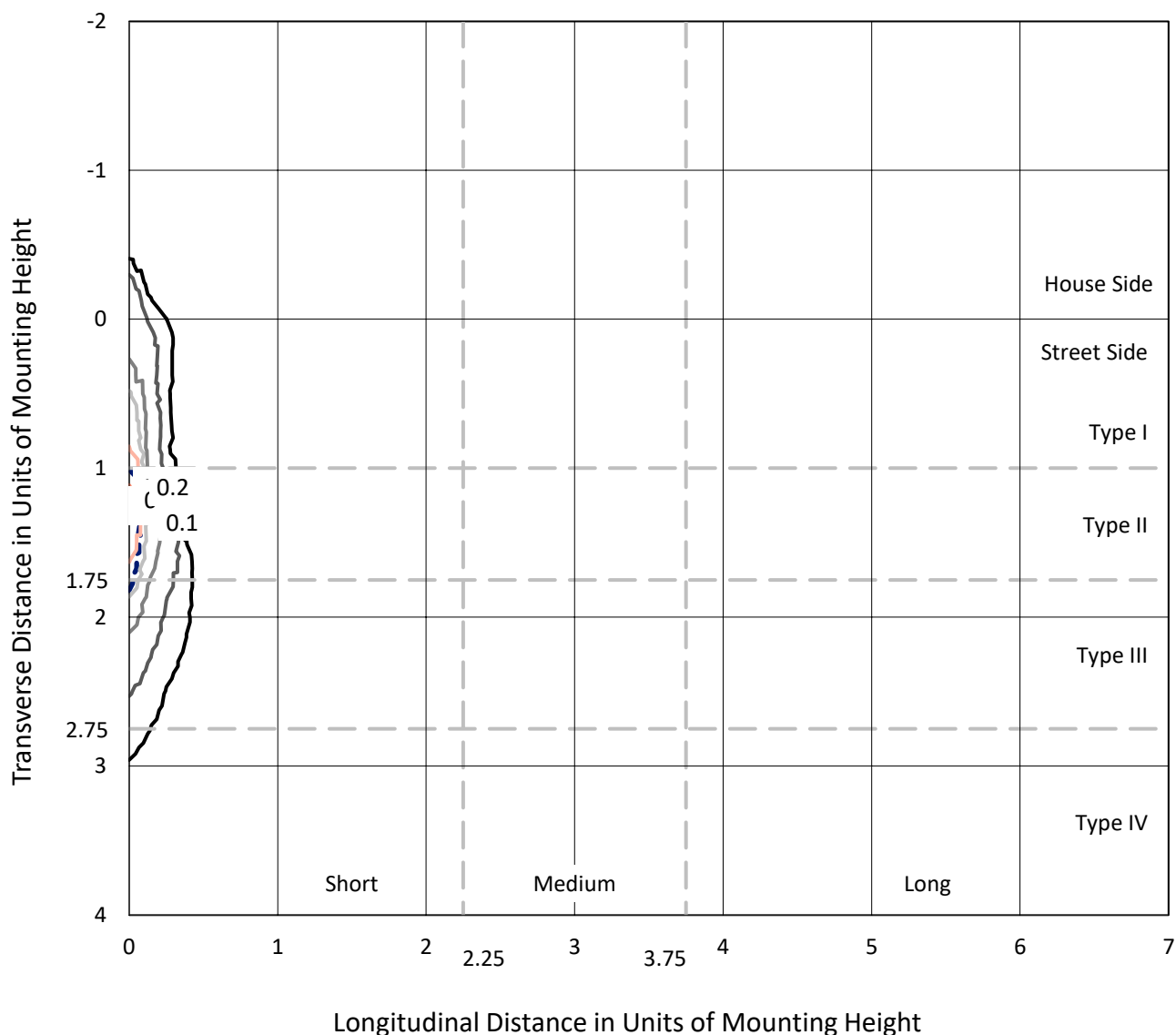
Lumens per Lamp: N/A
Luminaire Lumens: 35107.7 lumens
Efficiency: N/A
Efficacy: 112.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 312.7
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

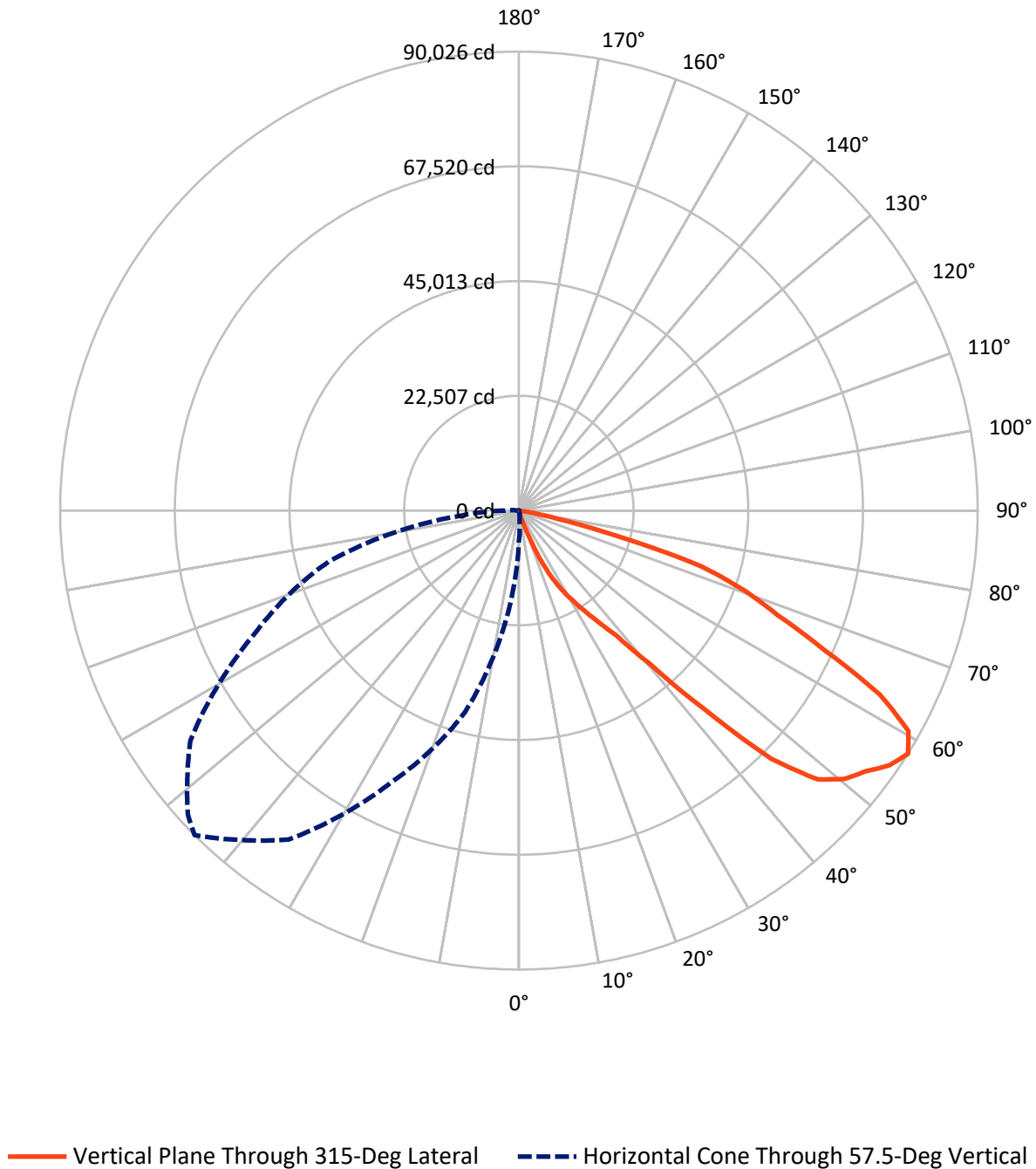
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5.2 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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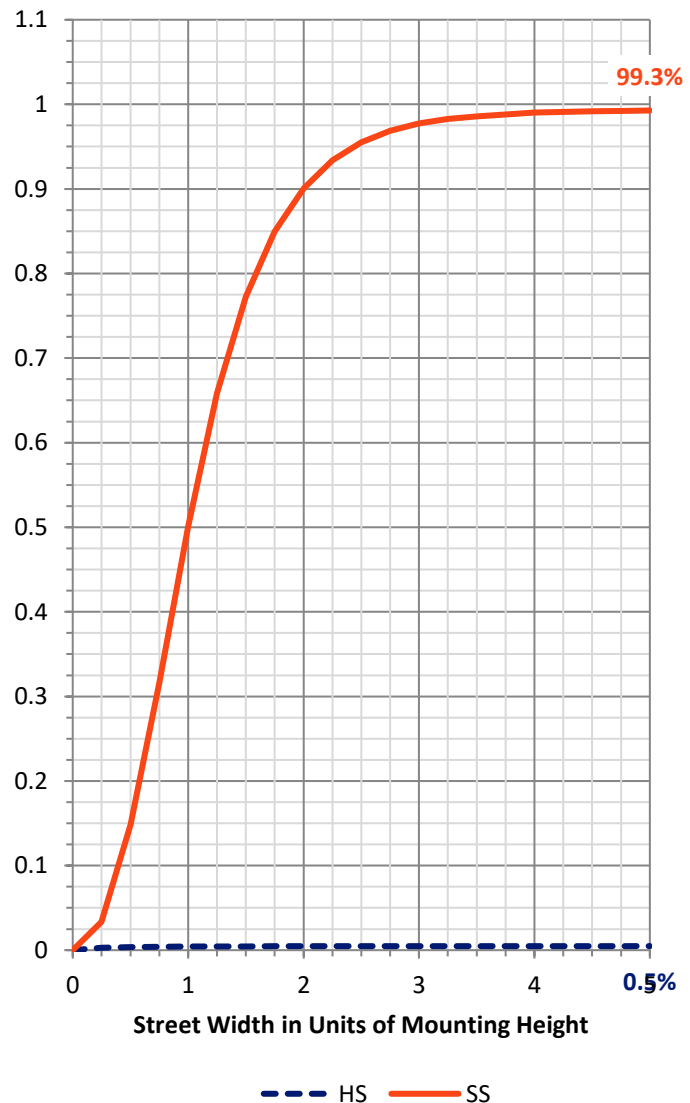
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	175.8	0.0	175.8
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	34931.9	0.0	34931.9
	% Fixture	99.5	0.0	99.5
Total	Lumens	35107.7	0.0	35107.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.8	0.0
10°-20°	77.1	0.2
20°-30°	832.0	2.4
30°-40°	2460.4	7.0
40°-50°	7332.6	20.9
50°-60°	11626.8	33.1
60°-70°	9705.6	27.6
70°-80°	2992.8	8.5
80°-90°	66.6	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°	35107.7	100.0
0°-180°	35107.7	100.0



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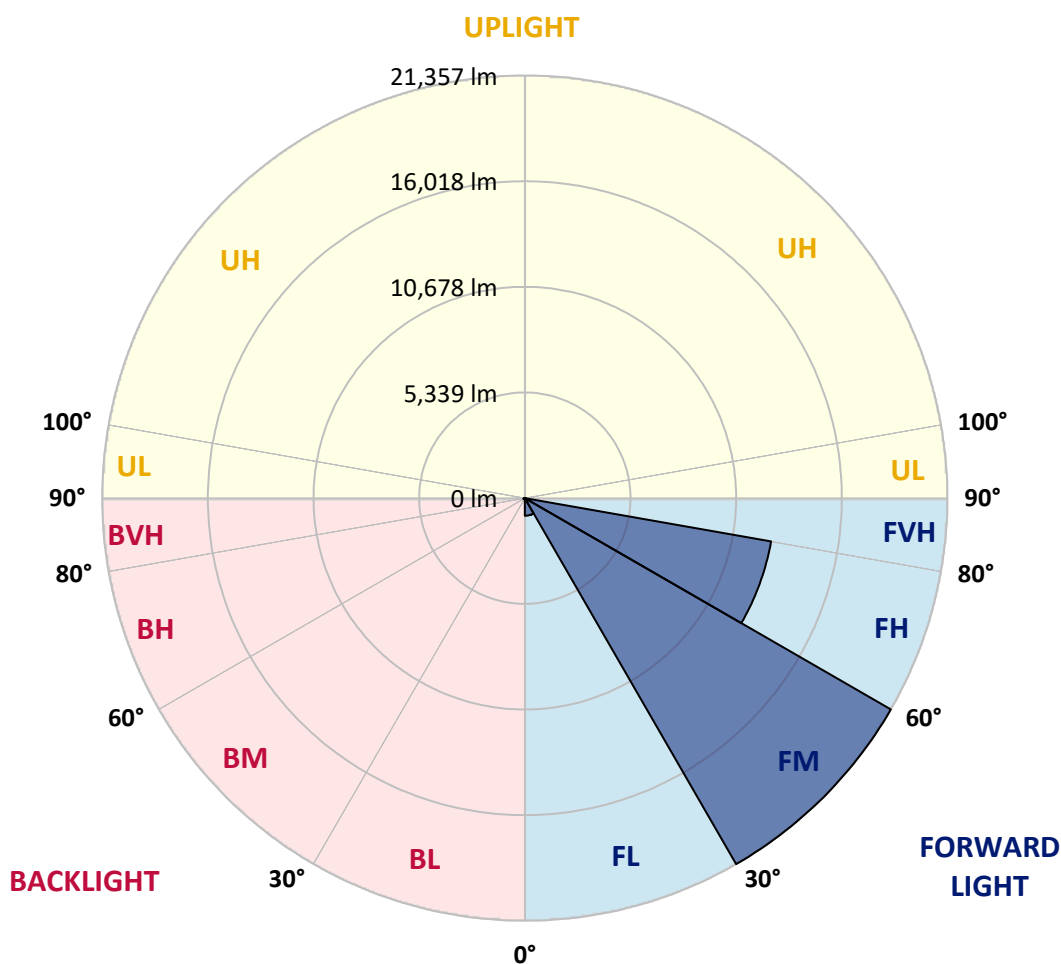
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	890.6	2.5			
FM	(30°-60°)	21357.0	60.8			
FH	(60°-80°)	12632.9	36.0			G5
FVH	(80°-90°)	51.5	0.1			G1/100
BL	(0°-30°)	32.3	0.1	B0/110		
BM	(30°-60°)	62.8	0.2	B0/220		
BH	(60°-80°)	65.6	0.2	B0/110		G0/110
BVH	(80°-90°)	15.1	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°	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9
2.5°	140.6	140.6	140.6	140.6	138.0	138.0	135.3	135.3	132.7	132.7
5°	148.6	148.6	145.9	143.3	143.3	140.6	138.0	135.3	135.3	132.7
7.5°	161.8	159.2	156.5	153.9	148.6	145.9	140.6	138.0	135.3	130.0
10°	177.8	172.4	167.1	161.8	156.5	151.2	145.9	143.3	138.0	135.3
12.5°	199.0	191.0	180.4	172.4	167.1	159.2	153.9	148.6	140.6	135.3
15°	217.6	206.9	193.7	183.1	175.1	164.5	156.5	148.6	143.3	135.3
17.5°	244.1	225.5	204.3	191.0	180.4	167.1	153.9	145.9	138.0	127.3
20°	289.2	252.0	212.2	196.3	180.4	164.5	148.6	138.0	130.0	119.4
22.5°	360.8	297.1	233.5	209.6	188.4	164.5	143.3	132.7	122.0	111.4
25°	498.8	384.7	270.6	238.8	206.9	175.1	143.3	130.0	119.4	106.1
27.5°	663.3	493.5	321.0	275.9	233.5	188.4	143.3	127.3	114.1	98.2
30°	830.4	604.9	376.7	318.4	260.0	201.6	143.3	124.7	108.8	90.2
32.5°	989.6	708.4	424.5	355.5	286.5	214.9	145.9	124.7	103.5	82.2
35°	1151.4	793.3	432.4	360.8	289.2	214.9	143.3	119.4	98.2	74.3
37.5°	1358.4	888.8	416.5	344.9	275.9	204.3	135.3	114.1	92.9	69.0
40°	1671.4	1048.0	424.5	350.2	275.9	201.6	127.3	106.1	87.6	66.3
42.5°	2249.8	1355.7	459.0	374.1	289.2	201.6	116.7	98.2	82.2	63.7
45°	3889.4	2252.4	615.5	488.2	360.8	233.5	106.1	90.2	76.9	61.0
47.5°	6433.7	3770.0	1106.3	854.3	604.9	352.9	103.5	90.2	76.9	61.0
50°	8211.2	4802.0	1392.9	1071.8	750.8	429.8	108.8	92.9	79.6	63.7
52.5°	8197.9	4876.3	1552.0	1191.2	833.1	472.2	114.1	98.2	84.9	69.0
55°	7287.9	4435.9	1581.2	1215.1	851.6	485.5	122.0	106.1	90.2	74.3
57.5°	6091.4	3767.3	1443.3	1116.9	793.3	466.9	140.6	122.0	106.1	87.6
60°	4817.9	2971.4	1124.9	888.8	655.3	419.2	185.7	161.8	140.6	116.7
62.5°	3326.9	2154.3	981.6	788.0	596.9	403.3	212.2	188.4	167.1	143.3
65°	2353.3	1621.0	886.1	721.6	559.8	395.3	230.8	204.3	180.4	153.9
67.5°	1759.0	1289.4	817.1	676.5	535.9	395.3	254.7	222.9	193.7	161.8
70°	1347.8	1058.6	766.7	652.7	541.2	427.1	313.1	268.0	225.5	180.4
72.5°	1098.4	904.7	708.4	626.1	543.9	461.6	379.4	321.0	262.7	201.6
75°	910.0	774.7	639.4	570.4	504.1	435.1	366.1	313.1	262.7	209.6
77.5°	604.9	551.8	496.1	456.3	416.5	374.1	334.3	289.2	246.7	201.6
80°	212.2	204.3	196.3	212.2	228.2	244.1	260.0	228.2	199.0	167.1
82.5°	31.8	29.2	26.5	29.2	31.8	34.5	37.1	39.8	42.4	45.1
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°	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9
0.0	2.5°	130.0	130.0	127.3	127.3	127.3	124.7	124.7	122.0	122.0	122.0
0.0	5°	127.3	127.3	124.7	122.0	119.4	119.4	116.7	114.1	114.1	111.4
0.0	7.5°	124.7	122.0	119.4	116.7	114.1	111.4	108.8	106.1	106.1	103.5
0.0	10°	127.3	122.0	119.4	114.1	111.4	108.8	103.5	100.8	98.2	98.2
0.0	12.5°	122.0	119.4	114.1	108.8	106.1	100.8	98.2	92.9	90.2	90.2
0.0	15°	122.0	116.7	108.8	103.5	98.2	95.5	90.2	84.9	82.2	79.6
0.0	17.5°	114.1	108.8	100.8	95.5	90.2	84.9	79.6	74.3	71.6	69.0
0.0	20°	103.5	98.2	90.2	82.2	76.9	71.6	66.3	61.0	58.4	55.7
0.0	22.5°	92.9	87.6	79.6	71.6	66.3	61.0	53.1	47.8	45.1	39.8
0.0	25°	87.6	79.6	71.6	63.7	55.7	50.4	42.4	34.5	29.2	23.9
0.0	27.5°	74.3	66.3	58.4	50.4	42.4	34.5	26.5	18.6	13.3	10.6
0.0	30°	63.7	55.7	47.8	39.8	29.2	21.2	13.3	2.7	2.7	2.7
0.0	32.5°	53.1	45.1	34.5	26.5	21.2	13.3	8.0	0.0	0.0	0.0
0.0	35°	42.4	34.5	23.9	15.9	13.3	8.0	5.3	0.0	0.0	0.0
0.0	37.5°	37.1	29.2	18.6	8.0	5.3	5.3	2.7	0.0	0.0	0.0
0.0	40°	34.5	23.9	13.3	2.7	2.7	2.7	0.0	0.0	0.0	0.0
0.0	42.5°	34.5	23.9	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	34.5	23.9	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	34.5	23.9	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	37.1	26.5	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	42.4	31.8	21.2	10.6	8.0	5.3	2.7	0.0	0.0	0.0
0.0	55°	53.1	47.8	39.8	34.5	26.5	18.6	8.0	0.0	0.0	0.0
0.0	57.5°	69.0	69.0	66.3	63.7	47.8	31.8	15.9	0.0	0.0	0.0
0.0	60°	92.9	92.9	92.9	92.9	69.0	47.8	23.9	0.0	0.0	0.0
0.0	62.5°	114.1	108.8	100.8	95.5	71.6	47.8	23.9	0.0	0.0	0.0
0.0	65°	114.1	103.5	90.2	76.9	58.4	39.8	18.6	0.0	0.0	0.0
0.0	67.5°	106.1	84.9	61.0	39.8	29.2	21.2	10.6	0.0	0.0	0.0
	70°	106.1	74.3	42.4	10.6	8.0	5.3	2.7	0.0	0.0	0.0
	72.5°	106.1	71.6	34.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	116.7	79.6	39.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	116.7	79.6	39.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	103.5	69.0	34.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	34.5	23.9	10.6	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°	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9
0.0	2.5°	119.4	119.4	119.4	116.7	116.7	116.7	116.7	114.1	114.1	114.1
0.0	5°	108.8	108.8	106.1	106.1	103.5	103.5	100.8	100.8	98.2	98.2
0.0	7.5°	100.8	98.2	98.2	95.5	92.9	92.9	90.2	90.2	87.6	84.9
0.0	10°	92.9	90.2	90.2	87.6	84.9	82.2	82.2	79.6	76.9	74.3
0.0	12.5°	84.9	82.2	79.6	76.9	74.3	71.6	71.6	69.0	66.3	63.7
0.0	15°	74.3	71.6	69.0	66.3	63.7	61.0	61.0	58.4	55.7	53.1
0.0	17.5°	63.7	61.0	61.0	58.4	55.7	53.1	50.4	45.1	42.4	39.8
0.0	20°	47.8	45.1	42.4	39.8	37.1	31.8	29.2	23.9	18.6	15.9
0.0	22.5°	31.8	26.5	23.9	18.6	13.3	10.6	8.0	2.7	0.0	0.0
0.0	25°	10.6	8.0	5.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA9B-730-U-RBC

[illegible]

REPORT NUMBER: P1048990

CATALOG NUMBER: GALN-SA9B-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°	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9
0.0	2.5°	111.4	111.4	111.4	108.8	108.8	108.8	108.8	108.8	108.8	108.8
0.0	5°	95.5	95.5	95.5	92.9	92.9	90.2	90.2	90.2	87.6	87.6
0.0	7.5°	82.2	79.6	79.6	76.9	76.9	74.3	74.3	74.3	71.6	71.6
0.0	10°	69.0	66.3	66.3	63.7	63.7	61.0	61.0	58.4	58.4	55.7
0.0	12.5°	61.0	58.4	55.7	53.1	53.1	50.4	47.8	47.8	45.1	42.4
0.0	15°	47.8	45.1	42.4	39.8	37.1	34.5	31.8	31.8	29.2	26.5
0.0	17.5°	31.8	26.5	23.9	21.2	21.2	18.6	15.9	13.3	10.6	8.0
0.0	20°	8.0	5.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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-SA9B-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048990

CATALOG NUMBER: GALN-SA9B-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°	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9
0.0	2.5°	108.8	106.1	106.1	106.1	108.8	108.8	108.8	108.8	108.8	108.8
0.0	5°	87.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
0.0	7.5°	71.6	69.0	69.0	69.0	69.0	66.3	66.3	66.3	66.3	66.3
0.0	10°	55.7	53.1	53.1	53.1	53.1	50.4	50.4	50.4	50.4	50.4
0.0	12.5°	39.8	39.8	37.1	37.1	37.1	34.5	34.5	34.5	34.5	31.8
0.0	15°	23.9	21.2	18.6	18.6	18.6	15.9	15.9	15.9	15.9	13.3
0.0	17.5°	5.3	5.3	2.7	2.7	2.7	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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-SA9B-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1048990

CATALOG NUMBER: GALN-SA9B-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°	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9
0.0	2.5°	111.4	111.4	114.1	114.1	116.7	122.0	124.7	127.3	132.7	138.0
0.0	5°	87.6	90.2	90.2	92.9	95.5	98.2	100.8	103.5	108.8	114.1
0.0	7.5°	69.0	69.0	71.6	71.6	74.3	79.6	82.2	84.9	90.2	98.2
0.0	10°	53.1	53.1	55.7	55.7	58.4	63.7	66.3	69.0	74.3	82.2
0.0	12.5°	34.5	37.1	37.1	39.8	42.4	47.8	50.4	53.1	58.4	63.7
0.0	15°	15.9	18.6	18.6	21.2	23.9	29.2	31.8	34.5	39.8	47.8
0.0	17.5°	2.7	2.7	5.3	5.3	8.0	10.6	13.3	15.9	23.9	29.2
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	10.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048990

CATALOG NUMBER: GALN-SA9B-730-U-RBC

CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9
0.0	2.5°	145.9	151.2	156.5	161.8	167.1	172.4	175.1	180.4	183.1	185.7
0.0	5°	124.7	130.0	138.0	143.3	148.6	153.9	159.2	161.8	164.5	167.1
0.0	7.5°	108.8	114.1	122.0	127.3	132.7	138.0	143.3	148.6	151.2	153.9
0.0	10°	92.9	100.8	106.1	114.1	119.4	124.7	130.0	135.3	140.6	143.3
0.0	12.5°	74.3	82.2	90.2	95.5	103.5	111.4	116.7	122.0	127.3	132.7
0.0	15°	58.4	66.3	74.3	79.6	87.6	95.5	103.5	108.8	114.1	119.4
0.0	17.5°	42.4	50.4	58.4	63.7	71.6	79.6	84.9	92.9	98.2	103.5
0.0	20°	21.2	29.2	37.1	45.1	53.1	61.0	66.3	74.3	79.6	84.9
0.0	22.5°	2.7	10.6	18.6	23.9	31.8	39.8	45.1	53.1	58.4	63.7
0.0	25°	0.0	2.7	8.0	10.6	13.3	18.6	23.9	29.2	34.5	39.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.7	5.3	10.6	15.9	21.2
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
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	2.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	2.7	5.3
	85°	0.0	0.0	0.0	0.0	0.0	5.3	8.0	13.3	15.9	18.6
	87.5°	0.0	2.7	5.3	8.0	10.6	15.9	21.2	26.5	29.2	31.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048990

CATALOG NUMBER: GALN-SA9B-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
153.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.0	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											
2.7											
10.6											
23.9											
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REPORT NUMBER: P1048990

CATALOG NUMBER: GALN-SA9B-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°	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9
0.0	2.5°	188.4	188.4	188.4	188.4	185.7	185.7	185.7	183.1	183.1	180.4
0.0	5°	172.4	175.1	175.1	175.1	175.1	175.1	175.1	175.1	172.4	172.4
0.0	7.5°	159.2	161.8	164.5	164.5	167.1	167.1	167.1	164.5	164.5	161.8
0.0	10°	151.2	153.9	153.9	156.5	156.5	156.5	156.5	156.5	156.5	156.5
0.0	12.5°	140.6	143.3	145.9	145.9	148.6	148.6	148.6	148.6	145.9	145.9
0.0	15°	127.3	132.7	135.3	138.0	138.0	140.6	140.6	140.6	140.6	140.6
0.0	17.5°	116.7	122.0	124.7	127.3	127.3	130.0	130.0	132.7	132.7	132.7
0.0	20°	95.5	100.8	103.5	108.8	111.4	114.1	116.7	119.4	119.4	122.0
0.0	22.5°	74.3	79.6	82.2	87.6	90.2	92.9	95.5	98.2	100.8	103.5
0.0	25°	53.1	58.4	61.0	66.3	69.0	71.6	74.3	76.9	76.9	79.6
0.0	27.5°	29.2	34.5	39.8	42.4	47.8	50.4	53.1	55.7	58.4	61.0
0.0	30°	13.3	15.9	18.6	23.9	26.5	29.2	31.8	37.1	39.8	42.4
0.0	32.5°	0.0	0.0	2.7	8.0	10.6	13.3	15.9	18.6	18.6	21.2
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.7	5.3	8.0	10.6
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°	5.3	5.3	5.3	8.0	8.0	8.0	8.0	8.0	8.0	8.0
	82.5°	13.3	15.9	18.6	18.6	21.2	21.2	21.2	21.2	18.6	18.6
	85°	26.5	29.2	31.8	31.8	34.5	34.5	34.5	34.5	34.5	34.5
	87.5°	37.1	39.8	42.4	42.4	45.1	45.1	45.1	45.1	45.1	45.1
	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: P1048990

CATALOG NUMBER: GALN-SA9B-730-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
153.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
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REPORT NUMBER: P1048990

CATALOG NUMBER: GALN-SA9B-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°	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9
0.0	2.5°	177.8	177.8	175.1	175.1	175.1	175.1	175.1	177.8	180.4	180.4
0.0	5°	169.8	169.8	167.1	167.1	167.1	169.8	169.8	172.4	175.1	177.8
0.0	7.5°	161.8	159.2	159.2	161.8	161.8	164.5	164.5	167.1	169.8	172.4
0.0	10°	156.5	153.9	153.9	153.9	156.5	156.5	159.2	161.8	164.5	167.1
0.0	12.5°	145.9	145.9	145.9	145.9	148.6	148.6	151.2	153.9	159.2	161.8
0.0	15°	140.6	138.0	138.0	138.0	138.0	140.6	140.6	145.9	151.2	153.9
0.0	17.5°	130.0	130.0	127.3	127.3	130.0	130.0	132.7	138.0	143.3	145.9
0.0	20°	119.4	116.7	114.1	114.1	116.7	116.7	119.4	124.7	130.0	132.7
0.0	22.5°	103.5	100.8	100.8	100.8	100.8	103.5	103.5	108.8	116.7	122.0
0.0	25°	82.2	84.9	84.9	87.6	87.6	90.2	92.9	98.2	106.1	111.4
0.0	27.5°	63.7	66.3	66.3	71.6	74.3	76.9	79.6	87.6	95.5	100.8
0.0	30°	47.8	50.4	53.1	55.7	61.0	66.3	71.6	79.6	87.6	92.9
0.0	32.5°	29.2	34.5	37.1	42.4	47.8	53.1	58.4	66.3	76.9	84.9
0.0	35°	21.2	23.9	29.2	31.8	37.1	42.4	47.8	58.4	66.3	76.9
0.0	37.5°	10.6	15.9	21.2	26.5	31.8	37.1	42.4	53.1	63.7	71.6
0.0	40°	8.0	13.3	15.9	21.2	29.2	34.5	39.8	50.4	61.0	71.6
0.0	42.5°	5.3	8.0	10.6	18.6	23.9	31.8	39.8	50.4	61.0	71.6
0.0	45°	5.3	5.3	8.0	15.9	23.9	34.5	42.4	53.1	61.0	71.6
0.0	47.5°	5.3	8.0	10.6	21.2	26.5	34.5	42.4	50.4	61.0	69.0
0.0	50°	8.0	10.6	13.3	23.9	29.2	37.1	42.4	53.1	61.0	71.6
0.0	52.5°	5.3	8.0	10.6	21.2	29.2	39.8	47.8	58.4	69.0	76.9
0.0	55°	2.7	2.7	2.7	15.9	31.8	45.1	61.0	69.0	79.6	87.6
0.0	57.5°	0.0	0.0	0.0	10.6	31.8	50.4	69.0	79.6	90.2	98.2
0.0	60°	0.0	0.0	0.0	10.6	31.8	50.4	69.0	82.2	95.5	108.8
0.0	62.5°	0.0	0.0	0.0	10.6	26.5	42.4	58.4	79.6	103.5	124.7
0.0	65°	0.0	0.0	0.0	8.0	21.2	34.5	47.8	79.6	111.4	140.6
0.0	67.5°	0.0	0.0	0.0	8.0	21.2	31.8	45.1	79.6	111.4	145.9
	70°	0.0	0.0	0.0	8.0	21.2	34.5	47.8	79.6	111.4	143.3
	72.5°	0.0	0.0	0.0	8.0	23.9	37.1	53.1	79.6	106.1	132.7
	75°	0.0	0.0	0.0	10.6	23.9	39.8	55.7	79.6	103.5	124.7
	77.5°	0.0	0.0	0.0	8.0	23.9	37.1	53.1	76.9	100.8	122.0
	80°	8.0	5.3	5.3	13.3	23.9	34.5	45.1	69.0	95.5	119.4
	82.5°	15.9	15.9	13.3	18.6	23.9	31.8	39.8	61.0	84.9	106.1
	85°	31.8	31.8	29.2	31.8	31.8	34.5	37.1	47.8	58.4	69.0
	87.5°	42.4	42.4	39.8	39.8	39.8	37.1	37.1	37.1	37.1	34.5
	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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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
153.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.1											
159.2											
148.6											
145.9											
143.3											
127.3											
79.6											
34.5											
0.0											
0.0											
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REPORT NUMBER: P1048990

CATALOG NUMBER: GALN-SA9B-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°	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9
0.0	2.5°	185.7	188.4	188.4	191.0	193.7	196.3	196.3	199.0	199.0	199.0
0.0	5°	183.1	188.4	191.0	193.7	196.3	199.0	201.6	204.3	206.9	206.9
0.0	7.5°	180.4	183.1	188.4	191.0	196.3	199.0	204.3	206.9	209.6	212.2
0.0	10°	175.1	180.4	185.7	191.0	196.3	201.6	206.9	212.2	217.6	220.2
0.0	12.5°	169.8	177.8	183.1	188.4	196.3	204.3	209.6	217.6	222.9	228.2
0.0	15°	167.1	172.4	180.4	185.7	196.3	206.9	214.9	225.5	236.1	244.1
0.0	17.5°	159.2	169.8	177.8	185.7	196.3	209.6	220.2	230.8	246.7	262.7
0.0	20°	148.6	156.5	167.1	175.1	191.0	204.3	220.2	233.5	257.3	281.2
0.0	22.5°	138.0	148.6	156.5	167.1	185.7	201.6	220.2	236.1	275.9	313.1
0.0	25°	127.3	140.6	151.2	161.8	183.1	204.3	225.5	246.7	313.1	379.4
0.0	27.5°	122.0	132.7	145.9	156.5	183.1	212.2	238.8	265.3	371.4	474.9
0.0	30°	114.1	127.3	138.0	151.2	185.7	220.2	254.7	289.2	451.0	612.9
0.0	32.5°	106.1	119.4	132.7	145.9	191.0	236.1	278.6	323.7	535.9	745.5
0.0	35°	98.2	114.1	127.3	140.6	199.0	260.0	318.4	376.7	612.9	846.3
0.0	37.5°	95.5	111.4	124.7	138.0	201.6	262.7	326.3	387.3	620.8	854.3
0.0	40°	98.2	111.4	127.3	140.6	193.7	246.7	297.1	350.2	594.3	835.7
0.0	42.5°	98.2	114.1	130.0	145.9	188.4	230.8	273.3	315.7	586.3	856.9
0.0	45°	95.5	111.4	127.3	143.3	183.1	220.2	260.0	297.1	634.1	968.4
0.0	47.5°	92.9	108.8	124.7	140.6	180.4	220.2	260.0	299.8	819.8	1337.1
0.0	50°	92.9	108.8	122.0	135.3	183.1	233.5	281.2	329.0	1193.9	2056.1
0.0	52.5°	98.2	111.4	122.0	132.7	188.4	246.7	302.4	358.2	1517.5	2674.3
0.0	55°	106.1	114.1	124.7	132.7	201.6	268.0	336.9	403.3	1615.7	2828.2
0.0	57.5°	116.7	124.7	132.7	140.6	225.5	310.4	392.7	477.6	1623.7	2767.1
0.0	60°	130.0	140.6	148.6	156.5	246.7	339.6	429.8	520.0	1469.8	2416.9
0.0	62.5°	159.2	172.4	183.1	196.3	283.9	368.8	456.3	541.2	1220.4	1899.6
0.0	65°	183.1	193.7	204.3	214.9	299.8	387.3	472.2	557.1	1034.7	1512.2
0.0	67.5°	188.4	199.0	206.9	217.6	305.1	392.7	477.6	565.1	886.1	1204.5
	70°	191.0	204.3	220.2	233.5	323.7	413.9	501.4	591.6	785.3	979.0
	72.5°	183.1	209.6	233.5	257.3	342.2	424.5	509.4	591.6	729.6	867.5
	75°	183.1	220.2	254.7	289.2	352.9	413.9	477.6	538.6	644.7	750.8
	77.5°	193.7	241.4	289.2	336.9	374.1	408.6	445.7	480.2	549.2	618.2
	80°	193.7	244.1	291.8	342.2	358.2	376.7	392.7	408.6	416.5	424.5
	82.5°	167.1	206.9	246.7	286.5	268.0	249.4	230.8	212.2	199.0	183.1
	85°	84.9	92.9	98.2	103.5	95.5	87.6	79.6	71.6	66.3	58.4
	87.5°	34.5	34.5	31.8	31.8	31.8	31.8	29.2	29.2	29.2	29.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA9B-730-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
153.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
199.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
214.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
225.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
236.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
257.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
283.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
326.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
416.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
565.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
785.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1063.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1329.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1509.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1644.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1780.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2045.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2576.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3926.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6014.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7571.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7744.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6988.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5974.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4669.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3528.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2605.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1843.9											
1371.6											
997.5											
750.8											
421.8											
191.0											
55.7											
26.5											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA9B-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°	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9
0.0	2.5°	199.0	196.3	196.3	193.7	191.0	188.4	185.7	183.1	180.4	177.8
0.0	5°	206.9	206.9	206.9	204.3	204.3	201.6	201.6	199.0	196.3	193.7
0.0	7.5°	214.9	217.6	217.6	220.2	220.2	220.2	220.2	217.6	217.6	217.6
0.0	10°	228.2	230.8	233.5	236.1	238.8	241.4	241.4	244.1	244.1	244.1
0.0	12.5°	244.1	252.0	257.3	265.3	270.6	278.6	283.9	291.8	297.1	302.4
0.0	15°	268.0	281.2	297.1	310.4	323.7	342.2	363.5	382.0	400.6	429.8
0.0	17.5°	302.4	344.9	387.3	427.1	469.6	562.4	655.3	745.5	838.4	973.7
0.0	20°	368.8	496.1	620.8	748.2	872.9	1199.2	1522.9	1849.2	2172.9	2520.4
0.0	22.5°	517.3	830.4	1143.5	1456.5	1769.6	2451.4	3130.6	3812.4	4491.6	5290.2
0.0	25°	750.8	1326.5	1902.2	2475.3	3051.0	4117.5	5186.7	6253.3	7319.8	8357.1
0.0	27.5°	1093.1	1973.9	2854.7	3732.8	4613.7	6059.6	7508.1	8954.1	10400.0	11572.6
0.0	30°	1514.9	2708.8	3902.6	5096.5	6290.4	7935.3	9580.2	11222.4	12867.3	14148.7
0.0	32.5°	1912.9	3374.7	4836.5	6295.7	7757.5	9630.6	11506.3	13379.4	15252.4	16653.2
0.0	35°	2172.9	3939.8	5709.4	7476.3	9243.2	11270.2	13297.1	15321.4	17348.3	18948.1
0.0	37.5°	2432.9	4473.1	6510.6	8550.8	10588.3	12814.3	15040.2	17266.1	19492.0	21468.5
0.0	40°	2724.7	5117.7	7508.1	9901.2	12291.6	14928.7	17563.2	20200.4	22834.9	25623.2
0.0	42.5°	3231.4	6186.9	9145.1	12100.6	15056.1	18544.9	22033.6	25519.7	29008.5	32988.1
0.0	45°	4183.9	8349.2	12517.1	16682.4	20847.7	25469.3	30093.6	34715.2	39336.9	44632.4
0.0	47.5°	6515.9	12246.5	17974.5	23705.1	29433.0	34423.4	39411.1	44401.5	49389.3	54663.6
0.0	50°	9970.2	16640.0	23309.8	29976.9	36646.7	41162.2	45675.0	50190.5	54703.4	59720.3
0.0	52.5°	12469.4	19417.7	26368.7	33317.1	40265.4	44340.5	48418.3	52493.4	56568.5	61256.4
0.0	55°	12657.7	19566.3	26477.5	33386.1	40294.6	44388.3	48481.9	52575.6	56669.3	61638.5
0.0	57.5°	11206.5	18059.4	24909.5	31762.4	38612.6	43274.0	47932.8	52594.2	57253.0	62625.4
0.0	60°	9532.4	16387.9	23240.8	30096.3	36949.1	42318.9	47691.3	53061.1	58430.9	63463.8
0.0	62.5°	7436.5	14488.3	21542.8	28594.6	35646.5	41098.5	46550.5	51999.9	57451.9	61227.2
0.0	65°	5542.2	12389.8	19237.3	26082.2	32929.7	37296.7	41663.6	46027.9	50394.8	52732.1
0.0	67.5°	4006.1	9911.8	15814.9	21720.6	27623.6	30748.9	33874.2	36996.9	40122.2	41910.3
	70°	2708.8	6799.8	10888.1	14979.2	19067.5	21635.7	24206.5	26774.6	29342.8	31757.1
	72.5°	1875.7	4173.3	6473.5	8771.0	11068.6	13652.6	16234.1	18818.1	21399.6	23954.4
	75°	1244.3	2289.6	3337.5	4382.8	5428.2	7341.0	9256.5	11169.4	13082.2	14605.1
	77.5°	883.5	1196.5	1512.2	1825.3	2138.4	2496.5	2857.3	3215.5	3573.7	4117.5
	80°	419.2	459.0	498.8	535.9	575.7	705.7	835.7	965.7	1095.7	1233.7
	82.5°	199.0	214.9	230.8	244.1	260.0	273.3	286.5	299.8	313.1	299.8
	85°	53.1	53.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	53.1
	87.5°	23.9	23.9	23.9	23.9	23.9	23.9	23.9	21.2	21.2	18.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
153.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
214.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
246.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
305.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
461.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1106.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2870.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6088.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9394.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12745.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15432.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18056.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20547.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23447.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28411.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36967.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49927.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59937.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64737.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65944.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66610.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67997.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68494.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65005.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55072.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43701.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34168.7											
26509.3											
16127.9											
4661.4											
1371.6											
283.9											
50.4											
18.6											
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°	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9
0.0	2.5°	172.4	169.8	167.1	164.5	161.8	156.5	156.5	153.9	153.9
0.0	5°	188.4	185.7	183.1	180.4	180.4	177.8	175.1	175.1	172.4
0.0	7.5°	214.9	212.2	209.6	206.9	206.9	204.3	204.3	201.6	201.6
0.0	10°	246.7	246.7	246.7	246.7	246.7	244.1	244.1	244.1	241.4
0.0	12.5°	310.4	313.1	318.4	323.7	331.6	331.6	331.6	329.0	329.0
0.0	15°	490.8	520.0	541.2	562.4	581.0	623.5	618.2	610.2	604.9
0.0	17.5°	1241.6	1374.3	1445.9	1514.9	1586.5	1782.9	1751.0	1719.2	1690.0
0.0	20°	3218.2	3565.7	3796.5	4027.3	4260.8	4629.6	4539.4	4449.2	4359.0
0.0	22.5°	6884.7	7683.3	8030.8	8378.4	8723.2	9169.0	8879.8	8590.6	8304.1
0.0	25°	10429.2	11466.5	12052.8	12639.2	13222.8	13477.5	13100.8	12721.4	12344.7
0.0	27.5°	13917.9	15090.6	15607.9	16122.6	16640.0	17173.2	16706.3	16236.7	15769.8
0.0	30°	16714.3	17995.7	18555.5	19112.6	19672.4	20043.8	19561.0	19075.5	18592.6
0.0	32.5°	19457.5	20858.3	21471.2	22084.0	22694.2	23227.5	22633.2	22036.3	21442.0
0.0	35°	22145.1	23744.9	24588.5	25432.2	26275.9	26772.0	26066.3	25357.9	24652.2
0.0	37.5°	25424.2	27400.8	28345.3	29289.7	30234.2	31138.9	30361.6	29581.6	28804.2
0.0	40°	31199.9	33988.3	35436.9	36888.1	38336.7	39504.0	38522.4	37540.7	36559.1
0.0	42.5°	40947.3	44926.9	47009.5	49089.5	51172.1	52994.8	51962.8	50930.7	49898.7
0.0	45°	55223.4	60518.9	63057.8	65594.2	68133.1	69465.0	67979.3	66490.9	65005.2
0.0	47.5°	65209.5	70483.7	72744.1	75004.6	77265.0	78785.2	76967.8	75150.5	73335.8
0.0	50°	69751.5	74768.4	77036.8	79302.5	81570.9	82778.0	80679.4	78578.2	76479.6
0.0	52.5°	70629.7	75317.6	78023.7	80732.5	83438.6	85051.7	82573.7	80093.1	77615.2
0.0	55°	71579.5	76548.6	79687.2	82828.4	85967.0	88200.9	85399.2	82594.9	79793.3
0.0	57.5°	73367.6	78740.1	81870.7	84998.6	88129.2	90026.2	87216.6	84404.3	81594.7
0.0	60°	73526.8	78557.0	81247.2	83940.0	86630.2	87824.1	85136.6	82446.4	79758.8
0.0	62.5°	68780.5	72555.8	74423.5	76291.3	78159.0	79456.4	76652.1	73845.2	71040.9
0.0	65°	57409.5	59746.8	61235.2	62723.6	64211.9	65758.6	63190.5	60622.3	58054.2
0.0	67.5°	45489.3	47277.5	49238.1	51198.7	53159.3	54812.1	52756.0	50697.2	48641.1
	70°	36583.0	38994.6	41199.3	43404.0	45608.7	46961.7	44897.7	42830.9	40766.9
	72.5°	29064.2	31619.1	33460.3	35298.9	37140.1	37471.8	35954.2	34436.7	32921.8
	75°	17648.1	19171.0	19208.1	19242.6	19279.8	19595.5	18337.9	17080.4	15825.5
	77.5°	5205.3	5749.2	6197.5	6643.3	7091.6	7632.8	7171.2	6706.9	6245.3
	80°	1506.9	1644.9	1761.6	1875.7	1992.4	1923.5	1814.7	1705.9	1597.1
	82.5°	270.6	254.7	252.0	249.4	249.4	236.1	214.9	193.7	172.4
	85°	47.8	45.1	42.4	39.8	37.1	34.5	29.2	26.5	21.2
	87.5°	15.9	13.3	10.6	8.0	8.0	2.7	2.7	2.7	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048990

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CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9	153.9
0.0	0.0	2.5°	151.2	148.6	148.6	148.6	148.6	145.9	145.9	145.9	145.9
0.0	0.0	5°	167.1	167.1	164.5	164.5	161.8	161.8	159.2	159.2	156.5
0.0	0.0	7.5°	196.3	193.7	191.0	188.4	185.7	180.4	177.8	175.1	175.1
0.0	0.0	10°	236.1	230.8	228.2	222.9	220.2	214.9	209.6	204.3	199.0
0.0	0.0	12.5°	310.4	299.8	291.8	281.2	270.6	262.7	252.0	244.1	233.5
0.0	0.0	15°	538.6	512.0	482.9	448.4	411.2	376.7	339.6	318.4	294.5
0.0	0.0	17.5°	1376.9	1239.0	1098.4	984.3	870.2	758.8	644.7	562.4	480.2
0.0	0.0	20°	3504.7	3122.6	2740.6	2363.9	1984.5	1607.8	1228.4	1037.3	846.3
0.0	0.0	22.5°	6595.5	5887.1	5176.1	4489.0	3799.2	3112.0	2424.9	1992.4	1562.7
0.0	0.0	25°	10179.8	9288.3	8396.9	7266.7	6133.9	5003.7	3873.5	3170.4	2467.3
0.0	0.0	27.5°	13246.7	12220.0	11193.2	9819.0	8444.7	7070.4	5696.1	4648.2	3602.9
0.0	0.0	30°	15902.4	14798.7	13695.1	12095.3	10495.5	8895.7	7295.9	5985.3	4674.7
0.0	0.0	32.5°	18205.3	16884.0	15562.8	13912.6	12262.4	10612.2	8962.0	7354.3	5746.5
0.0	0.0	35°	20861.0	19319.6	17775.5	15944.9	14111.6	12281.0	10450.4	8635.7	6818.4
0.0	0.0	37.5°	24235.7	22344.0	20449.8	18409.6	16369.4	14331.8	12291.6	10216.9	8142.2
0.0	0.0	40°	30695.9	28255.0	25814.2	23222.2	20627.5	18035.5	15443.4	12896.5	10349.6
0.0	0.0	42.5°	42271.1	38973.4	35675.6	32226.7	28775.0	25326.1	21874.4	18282.2	14687.3
0.0	0.0	45°	55334.8	51243.8	47150.1	43279.3	39405.8	35535.0	31664.2	26734.8	21805.5
0.0	0.0	47.5°	62681.1	58263.8	53846.4	50182.6	46518.7	42854.8	39190.9	33876.9	28562.8
0.0	0.0	50°	65384.6	60887.6	56390.7	53018.7	49644.0	46272.0	42897.3	37575.2	32250.6
0.0	0.0	52.5°	65960.3	61373.1	56786.0	53392.8	49999.5	46608.9	43215.6	37928.1	32640.5
0.0	0.0	55°	67143.5	62222.1	57298.1	53429.9	49561.7	45693.6	41825.4	36453.0	31080.6
0.0	0.0	57.5°	68690.3	63644.2	58598.1	54191.3	49784.6	45380.5	40973.8	35099.9	29226.1
0.0	0.0	60°	68284.4	63893.6	59500.1	54780.3	50057.9	45338.1	40615.6	34155.4	27692.6
0.0	0.0	62.5°	61237.8	57741.1	54241.7	50360.3	46476.2	42594.8	38713.4	32062.2	25411.0
0.0	0.0	65°	50378.9	47826.6	45274.4	42151.8	39026.5	35903.8	32781.2	26817.1	20855.7
0.0	0.0	67.5°	40830.5	37954.6	35076.1	32587.5	30096.3	27607.7	25116.5	20423.2	15730.0
		70°	32438.9	29311.0	26180.4	23750.2	21317.3	18887.1	16456.9	13336.9	10219.6
		72.5°	25761.2	22941.0	20120.8	17528.7	14934.1	12342.0	9747.3	7903.5	6059.6
		75°	12312.8	11185.3	10057.7	8702.0	7346.3	5990.6	4634.9	3831.0	3029.8
		77.5°	4563.3	3955.7	3345.5	2793.7	2241.8	1692.6	1140.8	1045.3	949.8
		80°	1180.6	1029.4	875.5	766.7	655.3	546.5	437.8	395.3	355.5
		82.5°	135.3	124.7	116.7	111.4	103.5	98.2	90.2	82.2	74.3
		85°	8.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1048990

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	153.9	153.9
0.0	0.0	2.5°	143.3	140.6
0.0	0.0	5°	151.2	148.6
0.0	0.0	7.5°	167.1	161.8
0.0	0.0	10°	183.1	177.8
0.0	0.0	12.5°	206.9	199.0
0.0	0.0	15°	233.5	217.6
0.0	0.0	17.5°	278.6	244.1
0.0	0.0	20°	376.7	289.2
0.0	0.0	22.5°	530.6	360.8
0.0	0.0	25°	780.0	498.8
0.0	0.0	27.5°	1085.1	663.3
0.0	0.0	30°	1443.3	830.4
0.0	0.0	32.5°	1759.0	989.6
0.0	0.0	35°	2170.2	1151.4
0.0	0.0	37.5°	2676.9	1358.4
0.0	0.0	40°	3462.2	1671.4
0.0	0.0	42.5°	4876.3	2249.8
0.0	0.0	45°	7919.4	3889.4
0.0	0.0	47.5°	12185.5	6433.7
0.0	0.0	50°	14907.5	8211.2
0.0	0.0	52.5°	15130.4	8197.9
0.0	0.0	55°	13811.8	7287.9
0.0	0.0	57.5°	11784.9	6091.4
0.0	0.0	60°	9795.1	4817.9
0.0	0.0	62.5°	7717.7	3326.9
0.0	0.0	65°	5640.4	2353.3
0.0	0.0	67.5°	4051.2	1759.0
		70°	2663.7	1347.8
		72.5°	1735.1	1098.4
		75°	1167.3	910.0
		77.5°	681.8	604.9
		80°	241.4	212.2
		82.5°	45.1	31.8
		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: P1048990

CATALOG NUMBER: GALN-SA9B-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

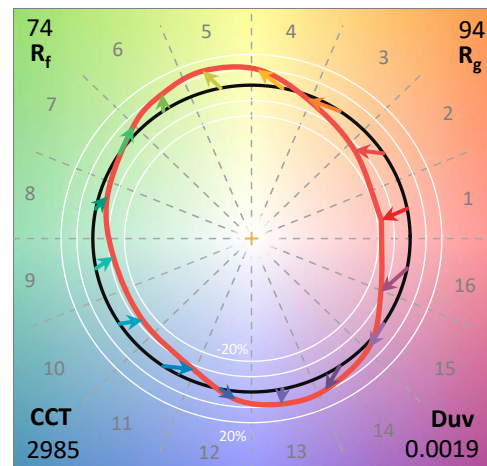
Test Information

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

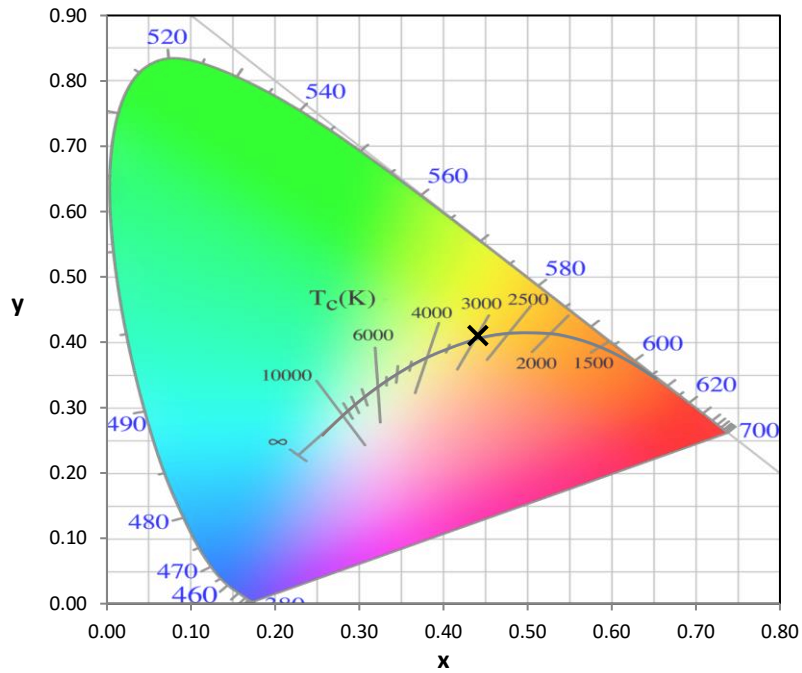
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

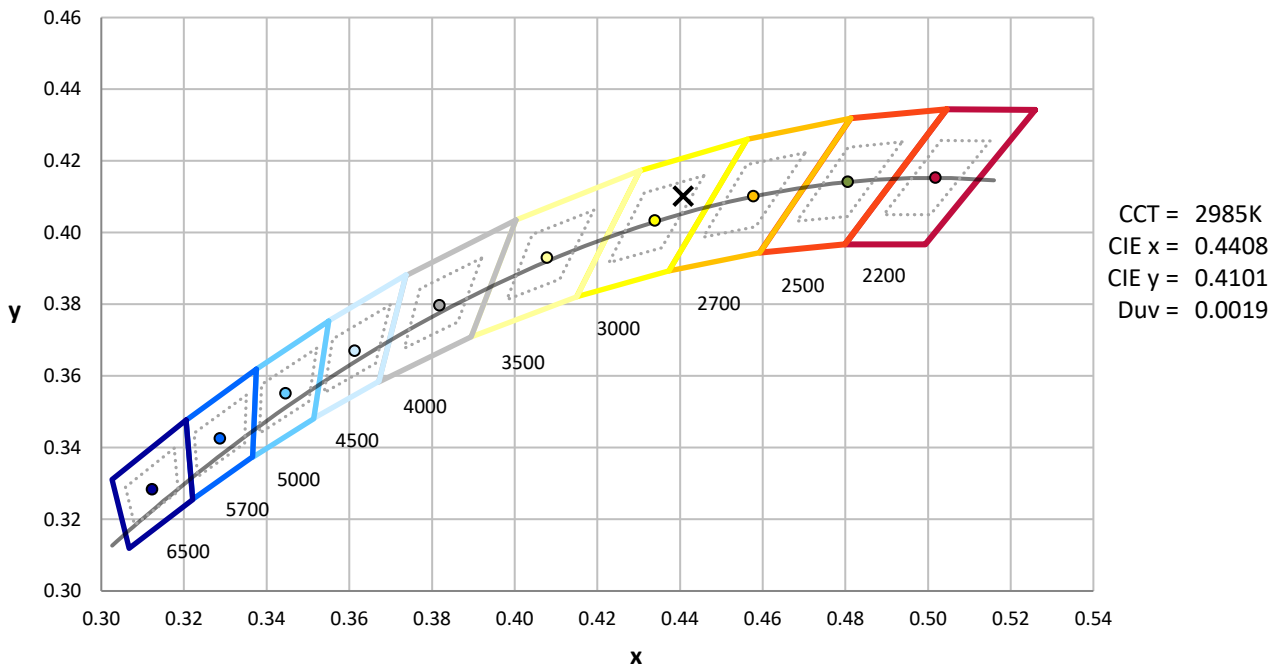
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



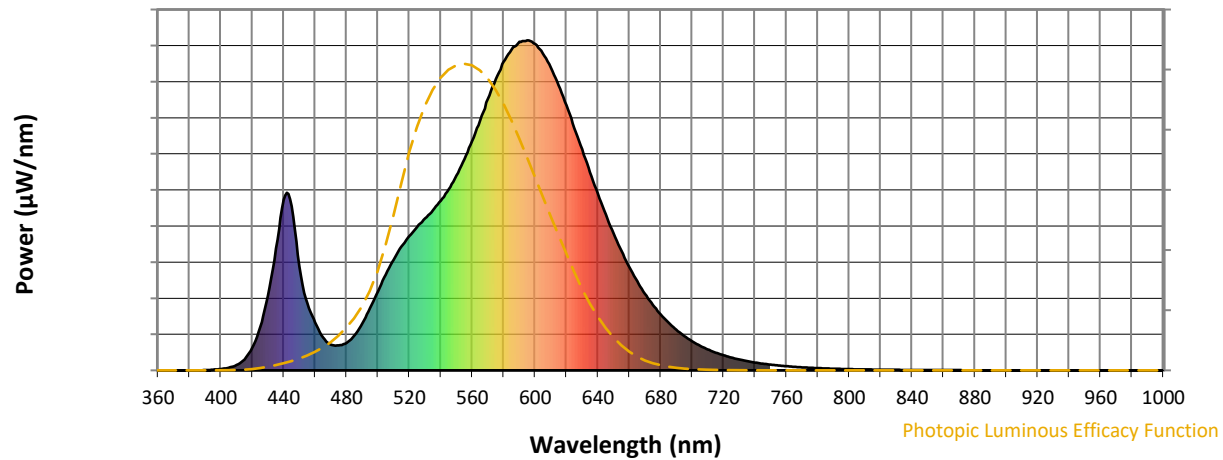
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

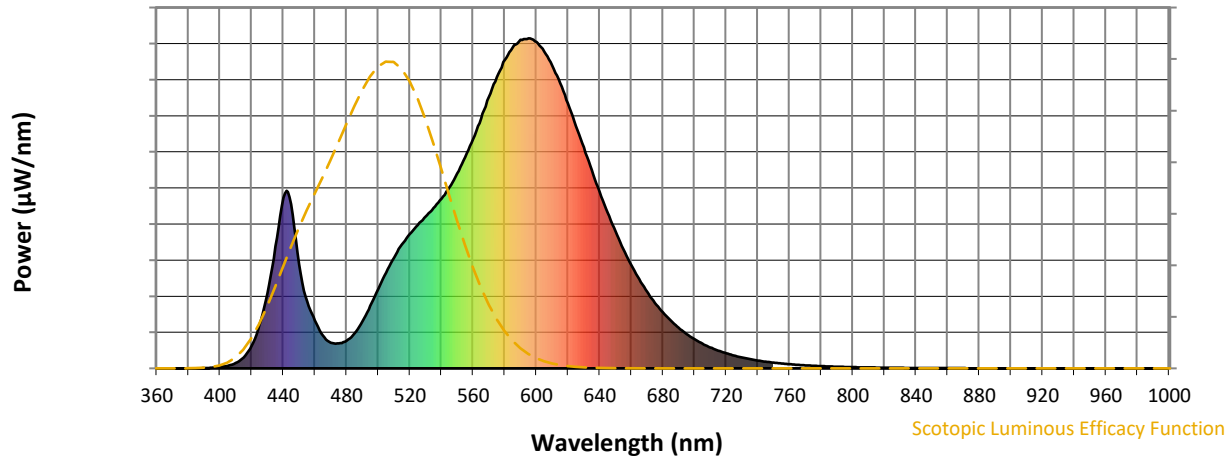


Photopic Lumens: NR

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



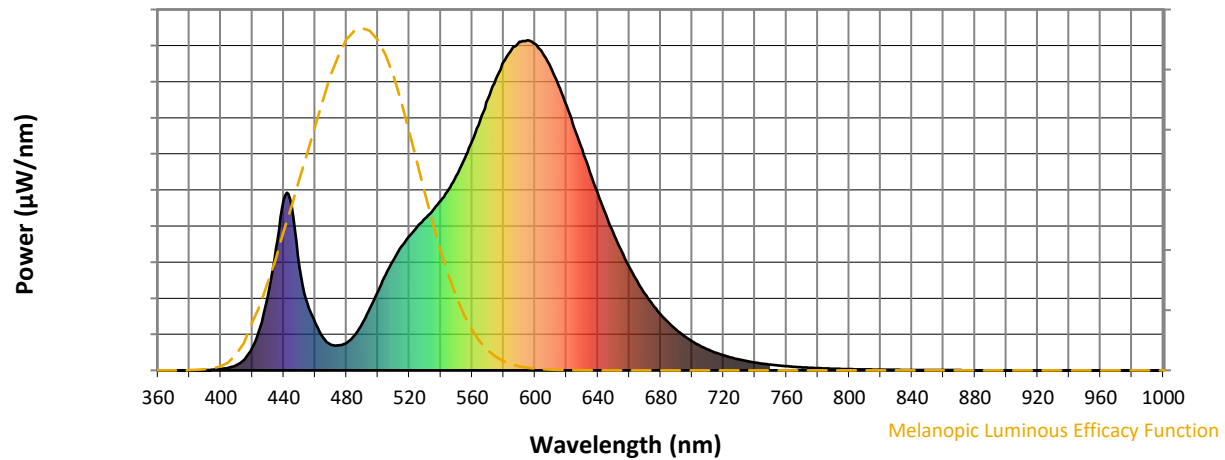
Scotopic Lumens: NR

S/P: 1.19

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.13

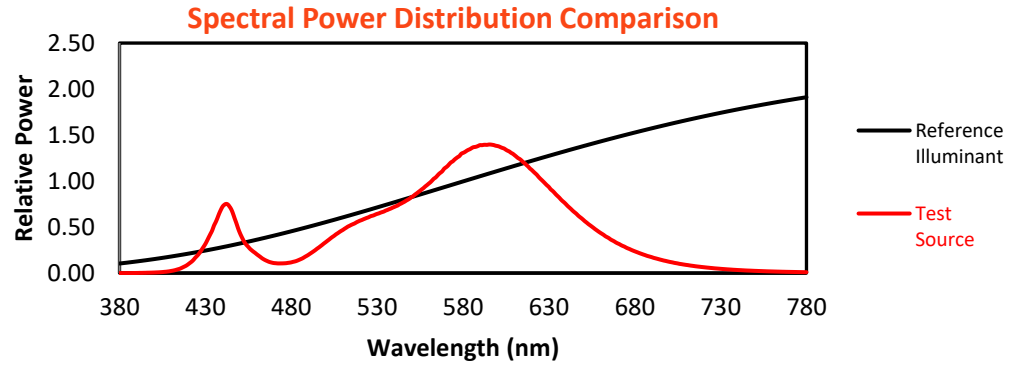
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803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

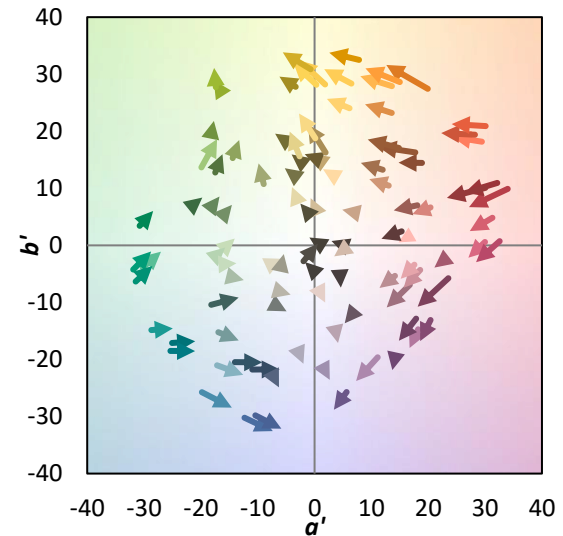
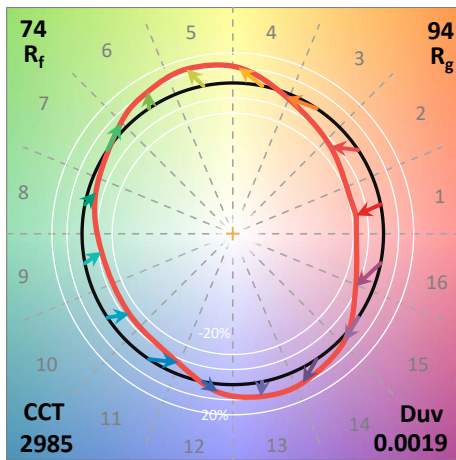
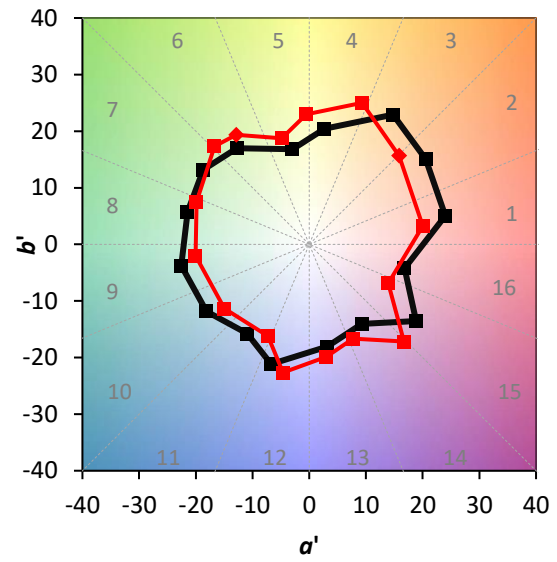
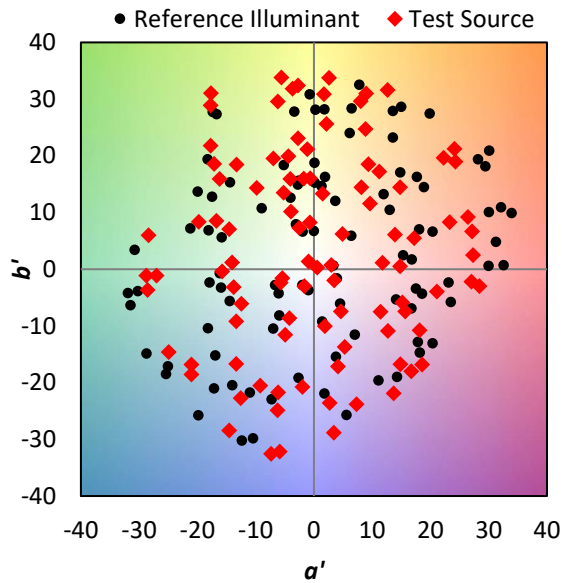
TM-30-18

Summary

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

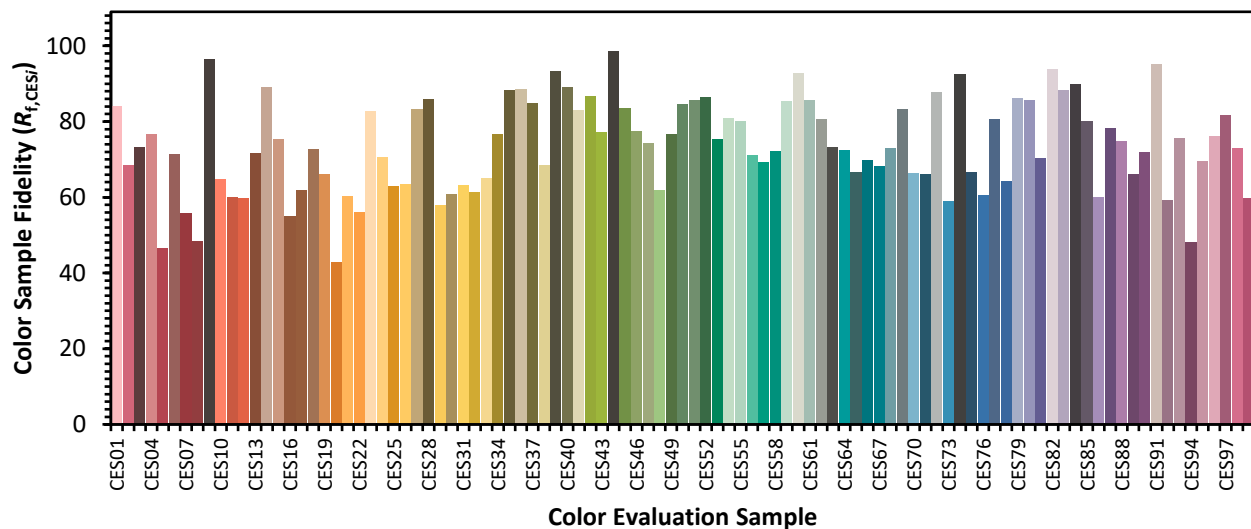


Color Vector Graphics

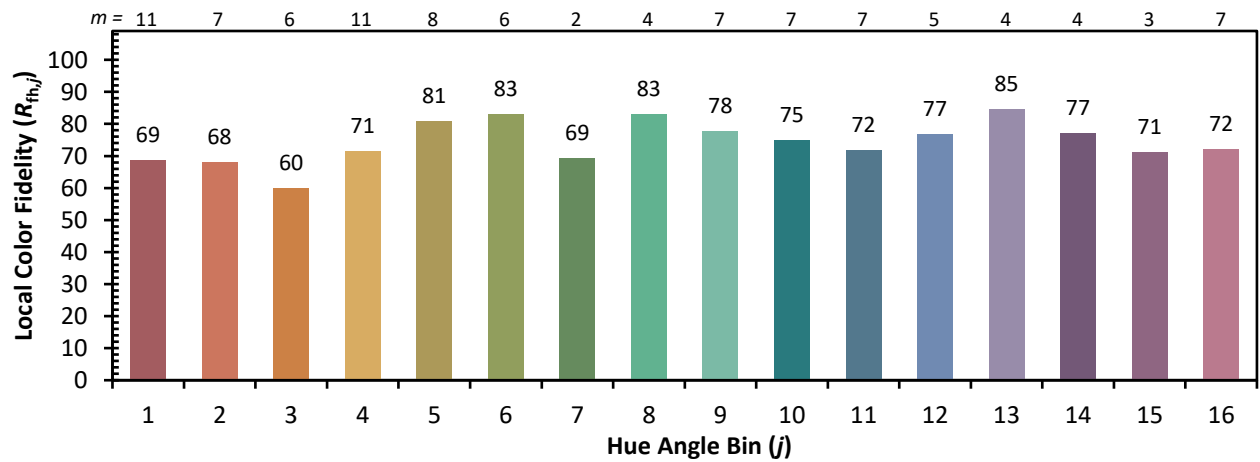
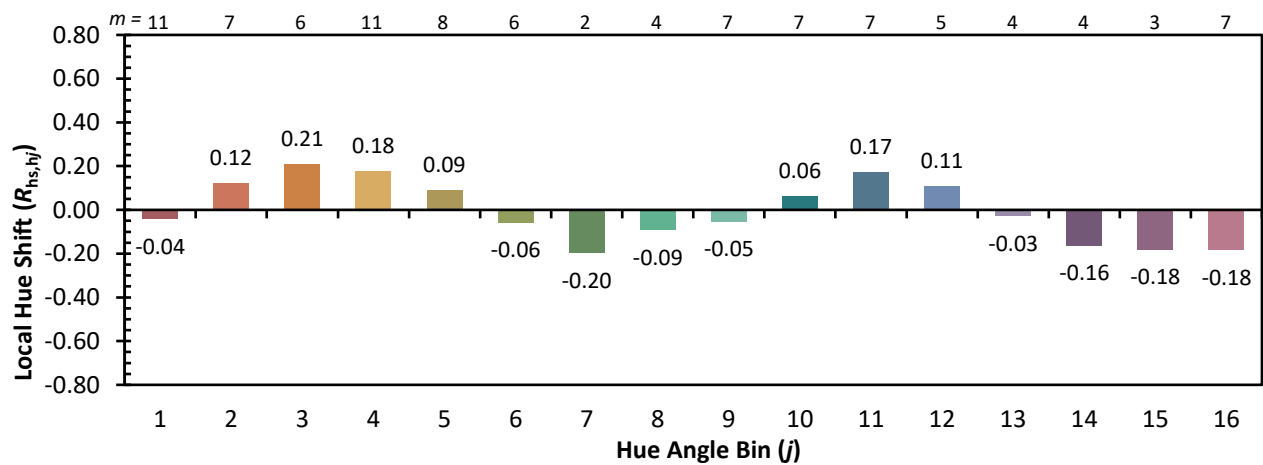
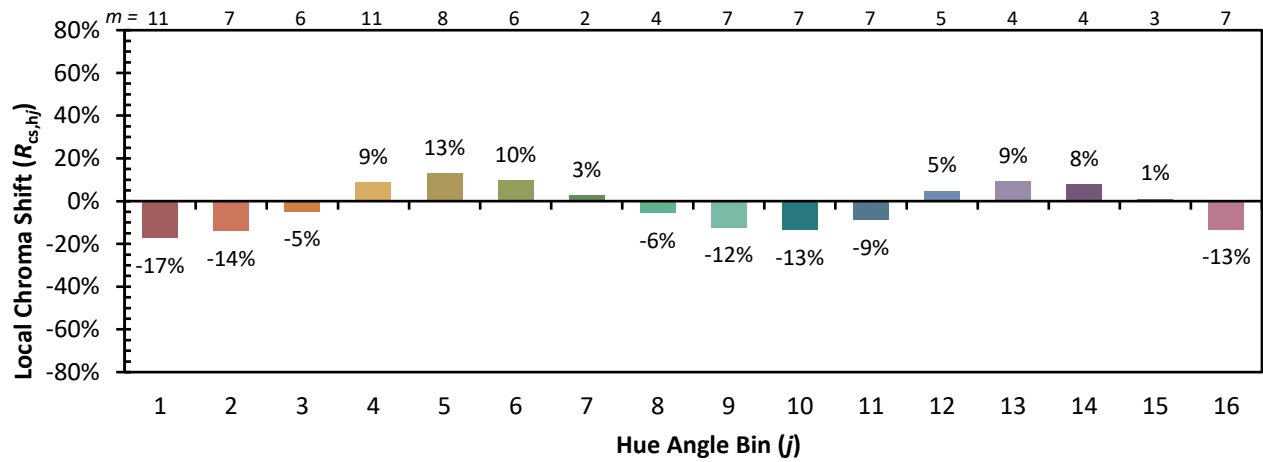


Individual Sample Fidelity Index ($R_{f,i}$)

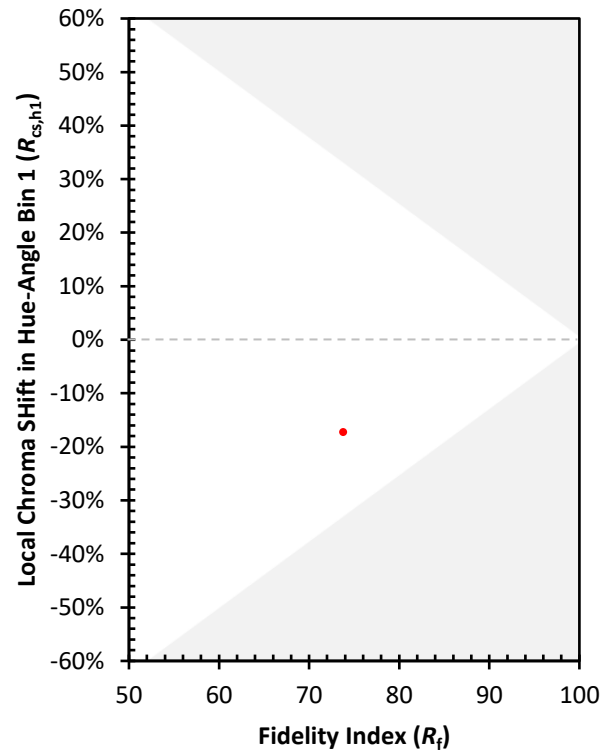
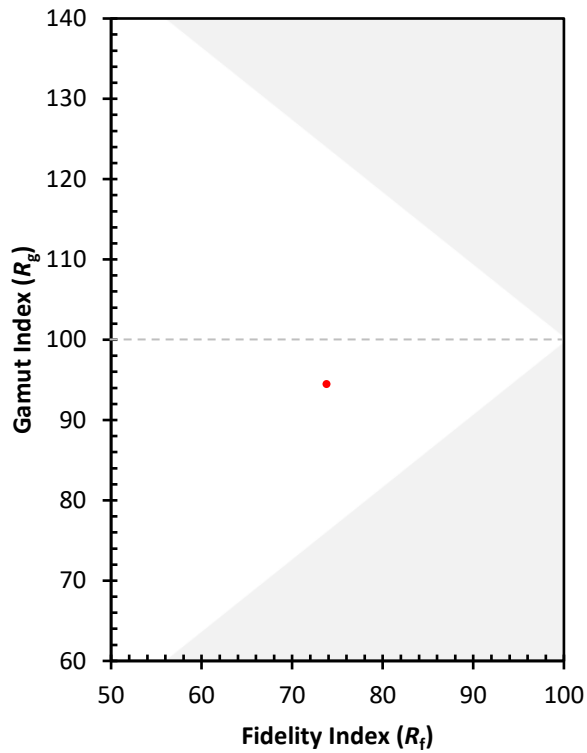
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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