

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: P1049170

Luminaire Tested: **GALN-SA9B-830-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049170
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9B-830-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE
80CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (126) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 32483.8 lumens
Efficiency: N/A
Efficacy: 103.9 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

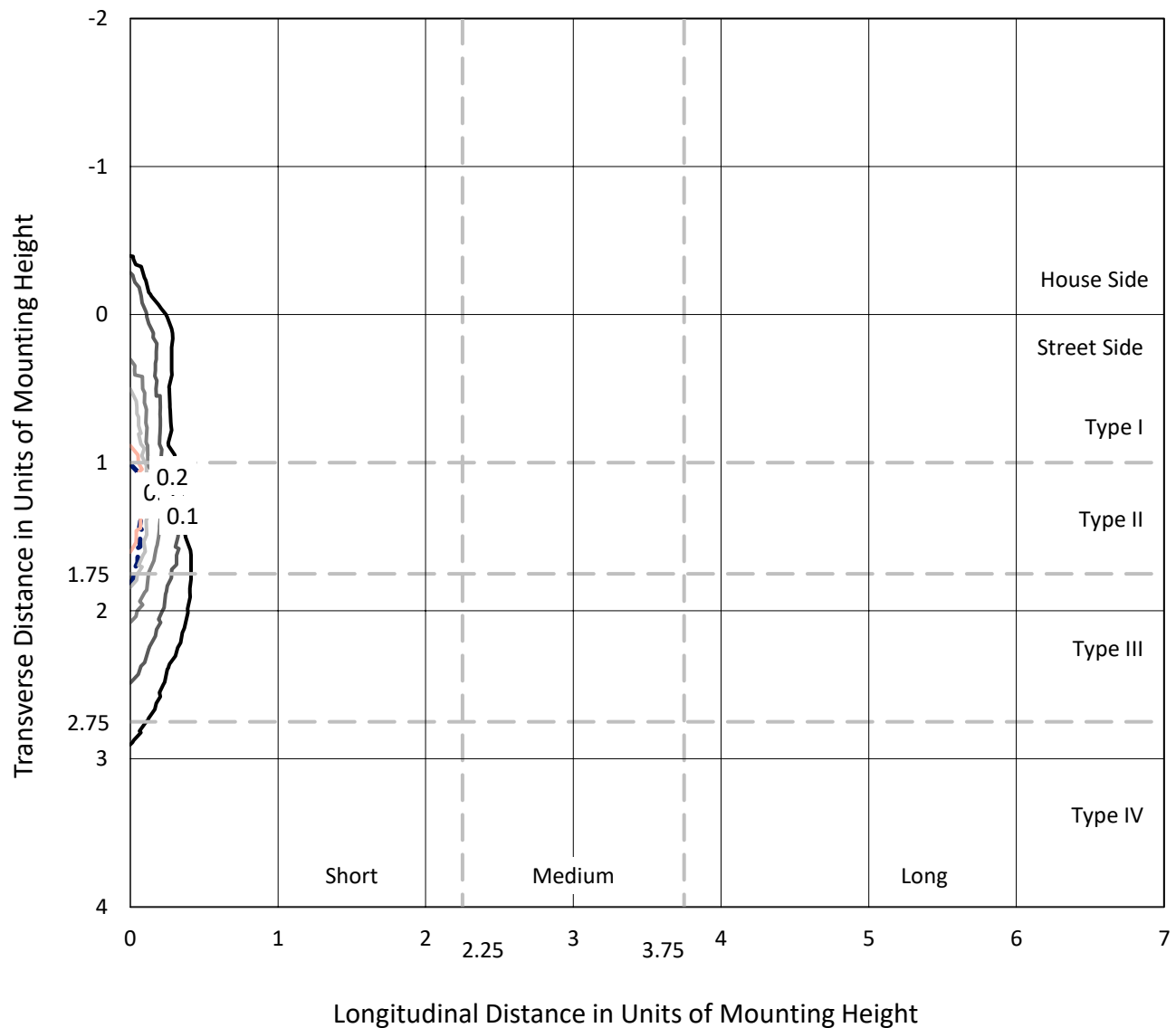
Input Watts (W): 312.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

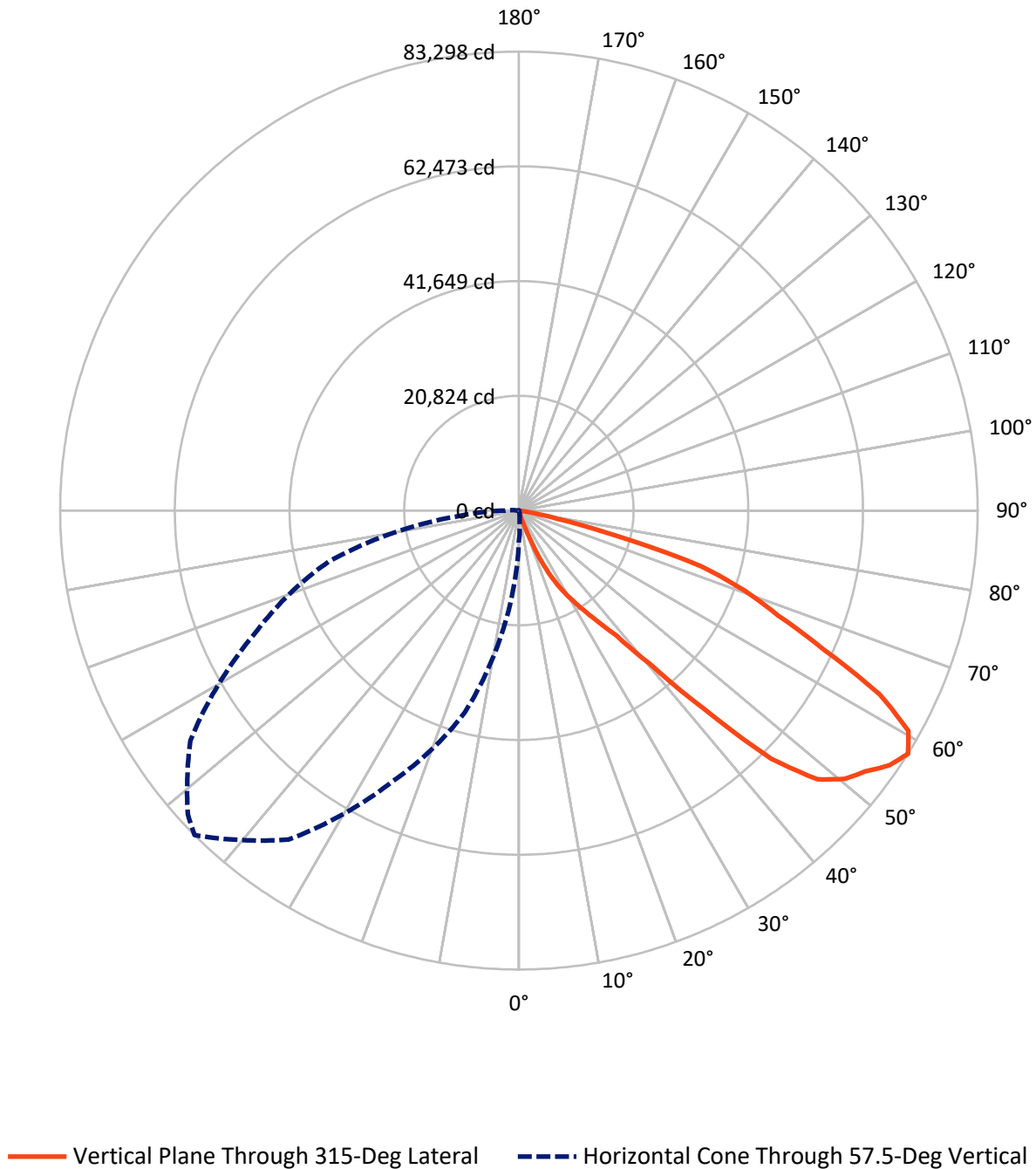
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.8 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	162.7	0.0	162.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	32321.2	0.0	32321.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	32483.8	0.0	32483.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.7	0.0
10°-20°	71.4	0.2
20°-30°	769.8	2.4
30°-40°	2276.5	7.0
40°-50°	6784.6	20.9
50°-60°	10757.9	33.1
60°-70°	8980.2	27.6
70°-80°	2769.2	8.5
80°-90°	61.6	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°	32483.8	100.0
0°-180°	32483.8	100.0

Coefficient of Utilization



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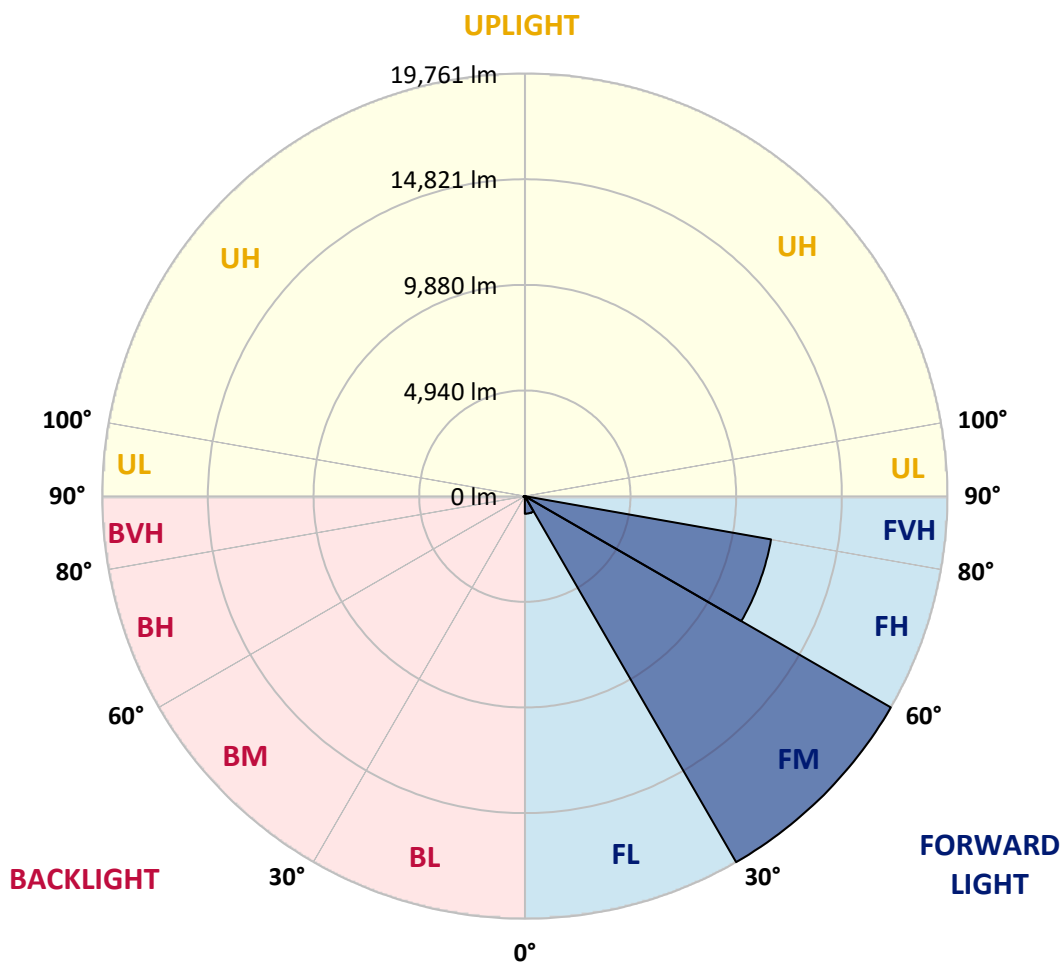
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	824.0	2.5			
FM	(30°-60°)	19760.8	60.8			
FH	(60°-80°)	11688.7	36.0			G4/12000
FVH	(80°-90°)	47.6	0.1			G1/100
BL	(0°-30°)	29.9	0.1	B0/110		
BM	(30°-60°)	58.1	0.2	B0/220		
BH	(60°-80°)	60.7	0.2	B0/110		G0/110
BVH	(80°-90°)	14.0	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°	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4
2.5°	130.1	130.1	130.1	130.1	127.6	127.6	125.2	125.2	122.7	122.7
5°	137.5	137.5	135.0	132.6	132.6	130.1	127.6	125.2	125.2	122.7
7.5°	149.7	147.3	144.8	142.4	137.5	135.0	130.1	127.6	125.2	120.3
10°	164.5	159.6	154.7	149.7	144.8	139.9	135.0	132.6	127.6	125.2
12.5°	184.1	176.7	166.9	159.6	154.7	147.3	142.4	137.5	130.1	125.2
15°	201.3	191.5	179.2	169.4	162.0	152.2	144.8	137.5	132.6	125.2
17.5°	225.8	208.7	189.0	176.7	166.9	154.7	142.4	135.0	127.6	117.8
20°	267.6	233.2	196.4	181.7	166.9	152.2	137.5	127.6	120.3	110.5
22.5°	333.8	274.9	216.0	193.9	174.3	152.2	132.6	122.7	112.9	103.1
25°	461.5	355.9	250.4	220.9	191.5	162.0	132.6	120.3	110.5	98.2
27.5°	613.7	456.6	297.0	255.3	216.0	174.3	132.6	117.8	105.6	90.8
30°	768.3	559.7	348.6	294.6	240.6	186.6	132.6	115.4	100.6	83.5
32.5°	915.6	655.4	392.8	328.9	265.1	198.8	135.0	115.4	95.7	76.1
35°	1065.4	734.0	400.1	333.8	267.6	198.8	132.6	110.5	90.8	68.7
37.5°	1256.8	822.3	385.4	319.1	255.3	189.0	125.2	105.6	85.9	63.8
40°	1546.5	969.6	392.8	324.0	255.3	186.6	117.8	98.2	81.0	61.4
42.5°	2081.6	1254.4	424.7	346.1	267.6	186.6	108.0	90.8	76.1	58.9
45°	3598.7	2084.1	569.5	451.7	333.8	216.0	98.2	83.5	71.2	56.5
47.5°	5952.8	3488.2	1023.6	790.4	559.7	326.5	95.7	83.5	71.2	56.5
50°	7597.5	4443.1	1288.8	991.7	694.7	397.7	100.6	85.9	73.6	58.9
52.5°	7585.2	4511.9	1436.0	1102.2	770.8	436.9	105.6	90.8	78.6	63.8
55°	6743.3	4104.4	1463.0	1124.3	788.0	449.2	112.9	98.2	83.5	68.7
57.5°	5636.2	3485.8	1335.4	1033.5	734.0	432.0	130.1	112.9	98.2	81.0
60°	4457.9	2749.3	1040.8	822.3	606.3	387.9	171.8	149.7	130.1	108.0
62.5°	3078.3	1993.3	908.3	729.1	552.3	373.1	196.4	174.3	154.7	132.6
65°	2177.4	1499.9	819.9	667.7	518.0	365.8	213.6	189.0	166.9	142.4
67.5°	1627.5	1193.0	756.1	626.0	495.9	365.8	235.7	206.2	179.2	149.7
70°	1247.0	979.5	709.4	603.9	500.8	395.2	289.7	247.9	208.7	166.9
72.5°	1016.3	837.1	655.4	579.3	503.2	427.1	351.0	297.0	243.0	186.6
75°	842.0	716.8	591.6	527.8	466.4	402.6	338.8	289.7	243.0	193.9
77.5°	559.7	510.6	459.0	422.2	385.4	346.1	309.3	267.6	228.3	186.6
80°	196.4	189.0	181.7	196.4	211.1	225.8	240.6	211.1	184.1	154.7
82.5°	29.5	27.0	24.5	27.0	29.5	31.9	34.4	36.8	39.3	41.7
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°	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4
0.0	2.5°	120.3	120.3	117.8	117.8	117.8	115.4	115.4	112.9	112.9	112.9
0.0	5°	117.8	117.8	115.4	112.9	110.5	110.5	108.0	105.6	105.6	103.1
0.0	7.5°	115.4	112.9	110.5	108.0	105.6	103.1	100.6	98.2	98.2	95.7
0.0	10°	117.8	112.9	110.5	105.6	103.1	100.6	95.7	93.3	90.8	90.8
0.0	12.5°	112.9	110.5	105.6	100.6	98.2	93.3	90.8	85.9	83.5	83.5
0.0	15°	112.9	108.0	100.6	95.7	90.8	88.4	83.5	78.6	76.1	73.6
0.0	17.5°	105.6	100.6	93.3	88.4	83.5	78.6	73.6	68.7	66.3	63.8
0.0	20°	95.7	90.8	83.5	76.1	71.2	66.3	61.4	56.5	54.0	51.6
0.0	22.5°	85.9	81.0	73.6	66.3	61.4	56.5	49.1	44.2	41.7	36.8
0.0	25°	81.0	73.6	66.3	58.9	51.6	46.6	39.3	31.9	27.0	22.1
0.0	27.5°	68.7	61.4	54.0	46.6	39.3	31.9	24.5	17.2	12.3	9.8
0.0	30°	58.9	51.6	44.2	36.8	27.0	19.6	12.3	2.5	2.5	2.5
0.0	32.5°	49.1	41.7	31.9	24.5	19.6	12.3	7.4	0.0	0.0	0.0
0.0	35°	39.3	31.9	22.1	14.7	12.3	7.4	4.9	0.0	0.0	0.0
0.0	37.5°	34.4	27.0	17.2	7.4	4.9	4.9	2.5	0.0	0.0	0.0
0.0	40°	31.9	22.1	12.3	2.5	2.5	2.5	0.0	0.0	0.0	0.0
0.0	42.5°	31.9	22.1	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	31.9	22.1	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	31.9	22.1	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	34.4	24.5	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	39.3	29.5	19.6	9.8	7.4	4.9	2.5	0.0	0.0	0.0
0.0	55°	49.1	44.2	36.8	31.9	24.5	17.2	7.4	0.0	0.0	0.0
0.0	57.5°	63.8	63.8	61.4	58.9	44.2	29.5	14.7	0.0	0.0	0.0
0.0	60°	85.9	85.9	85.9	85.9	63.8	44.2	22.1	0.0	0.0	0.0
0.0	62.5°	105.6	100.6	93.3	88.4	66.3	44.2	22.1	0.0	0.0	0.0
0.0	65°	105.6	95.7	83.5	71.2	54.0	36.8	17.2	0.0	0.0	0.0
0.0	67.5°	98.2	78.6	56.5	36.8	27.0	19.6	9.8	0.0	0.0	0.0
	70°	98.2	68.7	39.3	9.8	7.4	4.9	2.5	0.0	0.0	0.0
	72.5°	98.2	66.3	31.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	108.0	73.6	36.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	108.0	73.6	36.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	95.7	63.8	31.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	31.9	22.1	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4
0.0	2.5°	110.5	110.5	110.5	108.0	108.0	108.0	108.0	105.6	105.6	105.6
0.0	5°	100.6	100.6	98.2	98.2	95.7	95.7	93.3	93.3	90.8	90.8
0.0	7.5°	93.3	90.8	90.8	88.4	85.9	85.9	83.5	83.5	81.0	78.6
0.0	10°	85.9	83.5	83.5	81.0	78.6	76.1	76.1	73.6	71.2	68.7
0.0	12.5°	78.6	76.1	73.6	71.2	68.7	66.3	66.3	63.8	61.4	58.9
0.0	15°	68.7	66.3	63.8	61.4	58.9	56.5	56.5	54.0	51.6	49.1
0.0	17.5°	58.9	56.5	56.5	54.0	51.6	49.1	46.6	41.7	39.3	36.8
0.0	20°	44.2	41.7	39.3	36.8	34.4	29.5	27.0	22.1	17.2	14.7
0.0	22.5°	29.5	24.5	22.1	17.2	12.3	9.8	7.4	2.5	0.0	0.0
0.0	25°	9.8	7.4	4.9	2.5	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: P1049170

CATALOG NUMBER: GALN-SA9B-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049170

CATALOG NUMBER: GALN-SA9B-830-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4
0.0	2.5°	103.1	103.1	103.1	100.6	100.6	100.6	100.6	100.6	100.6	100.6
0.0	5°	88.4	88.4	88.4	85.9	85.9	83.5	83.5	83.5	81.0	81.0
0.0	7.5°	76.1	73.6	73.6	71.2	71.2	68.7	68.7	68.7	66.3	66.3
0.0	10°	63.8	61.4	61.4	58.9	58.9	56.5	56.5	54.0	54.0	51.6
0.0	12.5°	56.5	54.0	51.6	49.1	49.1	46.6	44.2	44.2	41.7	39.3
0.0	15°	44.2	41.7	39.3	36.8	34.4	31.9	29.5	29.5	27.0	24.5
0.0	17.5°	29.5	24.5	22.1	19.6	19.6	17.2	14.7	12.3	9.8	7.4
0.0	20°	7.4	4.9	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049170

CATALOG NUMBER: GALN-SA9B-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049170

CATALOG NUMBER: GALN-SA9B-830-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°	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4
0.0	2.5°	100.6	98.2	98.2	98.2	100.6	100.6	100.6	100.6	100.6	100.6
0.0	5°	81.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
0.0	7.5°	66.3	63.8	63.8	63.8	63.8	61.4	61.4	61.4	61.4	61.4
0.0	10°	51.6	49.1	49.1	49.1	49.1	46.6	46.6	46.6	46.6	46.6
0.0	12.5°	36.8	36.8	34.4	34.4	34.4	31.9	31.9	31.9	31.9	29.5
0.0	15°	22.1	19.6	17.2	17.2	17.2	14.7	14.7	14.7	14.7	12.3
0.0	17.5°	4.9	4.9	2.5	2.5	2.5	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



REPORT NUMBER: P1049170

CATALOG NUMBER: GALN-SA9B-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049170

CATALOG NUMBER: GALN-SA9B-830-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4
0.0	2.5°	103.1	103.1	105.6	105.6	108.0	112.9	115.4	117.8	122.7	127.6
0.0	5°	81.0	83.5	83.5	85.9	88.4	90.8	93.3	95.7	100.6	105.6
0.0	7.5°	63.8	63.8	66.3	66.3	68.7	73.6	76.1	78.6	83.5	90.8
0.0	10°	49.1	49.1	51.6	51.6	54.0	58.9	61.4	63.8	68.7	76.1
0.0	12.5°	31.9	34.4	34.4	36.8	39.3	44.2	46.6	49.1	54.0	58.9
0.0	15°	14.7	17.2	17.2	19.6	22.1	27.0	29.5	31.9	36.8	44.2
0.0	17.5°	2.5	2.5	4.9	4.9	7.4	9.8	12.3	14.7	22.1	27.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	9.8
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049170

CATALOG NUMBER: GALN-SA9B-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049170

CATALOG NUMBER: GALN-SA9B-830-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°	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4
0.0	2.5°	135.0	139.9	144.8	149.7	154.7	159.6	162.0	166.9	169.4	171.8
0.0	5°	115.4	120.3	127.6	132.6	137.5	142.4	147.3	149.7	152.2	154.7
0.0	7.5°	100.6	105.6	112.9	117.8	122.7	127.6	132.6	137.5	139.9	142.4
0.0	10°	85.9	93.3	98.2	105.6	110.5	115.4	120.3	125.2	130.1	132.6
0.0	12.5°	68.7	76.1	83.5	88.4	95.7	103.1	108.0	112.9	117.8	122.7
0.0	15°	54.0	61.4	68.7	73.6	81.0	88.4	95.7	100.6	105.6	110.5
0.0	17.5°	39.3	46.6	54.0	58.9	66.3	73.6	78.6	85.9	90.8	95.7
0.0	20°	19.6	27.0	34.4	41.7	49.1	56.5	61.4	68.7	73.6	78.6
0.0	22.5°	2.5	9.8	17.2	22.1	29.5	36.8	41.7	49.1	54.0	58.9
0.0	25°	0.0	2.5	7.4	9.8	12.3	17.2	22.1	27.0	31.9	36.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.5	4.9	9.8	14.7	19.6
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9
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	2.5
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.5	4.9
	85°	0.0	0.0	0.0	0.0	0.0	4.9	7.4	12.3	14.7	17.2
	87.5°	0.0	2.5	4.9	7.4	9.8	14.7	19.6	24.5	27.0	29.5
	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



REPORT NUMBER: P1049170

CATALOG NUMBER: GALN-SA9B-830-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
142.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.4	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											
2.5											
9.8											
22.1											
31.9											
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REPORT NUMBER: P1049170

CATALOG NUMBER: GALN-SA9B-830-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4
0.0	2.5°	174.3	174.3	174.3	174.3	171.8	171.8	171.8	169.4	169.4	166.9
0.0	5°	159.6	162.0	162.0	162.0	162.0	162.0	162.0	162.0	159.6	159.6
0.0	7.5°	147.3	149.7	152.2	152.2	154.7	154.7	154.7	152.2	152.2	149.7
0.0	10°	139.9	142.4	142.4	144.8	144.8	144.8	144.8	144.8	144.8	144.8
0.0	12.5°	130.1	132.6	135.0	135.0	137.5	137.5	137.5	137.5	135.0	135.0
0.0	15°	117.8	122.7	125.2	127.6	127.6	130.1	130.1	130.1	130.1	130.1
0.0	17.5°	108.0	112.9	115.4	117.8	117.8	120.3	120.3	122.7	122.7	122.7
0.0	20°	88.4	93.3	95.7	100.6	103.1	105.6	108.0	110.5	110.5	112.9
0.0	22.5°	68.7	73.6	76.1	81.0	83.5	85.9	88.4	90.8	93.3	95.7
0.0	25°	49.1	54.0	56.5	61.4	63.8	66.3	68.7	71.2	71.2	73.6
0.0	27.5°	27.0	31.9	36.8	39.3	44.2	46.6	49.1	51.6	54.0	56.5
0.0	30°	12.3	14.7	17.2	22.1	24.5	27.0	29.5	34.4	36.8	39.3
0.0	32.5°	0.0	0.0	2.5	7.4	9.8	12.3	14.7	17.2	17.2	19.6
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.5	4.9	7.4	9.8
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	4.9	4.9	4.9	7.4	7.4	7.4	7.4	7.4	7.4	7.4
	82.5°	12.3	14.7	17.2	17.2	19.6	19.6	19.6	19.6	17.2	17.2
	85°	24.5	27.0	29.5	29.5	31.9	31.9	31.9	31.9	31.9	31.9
	87.5°	34.4	36.8	39.3	39.3	41.7	41.7	41.7	41.7	41.7	41.7
	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: P1049170

CATALOG NUMBER: GALN-SA9B-830-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
142.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	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											
7.4											
17.2											
31.9											
41.7											
0.0											
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REPORT NUMBER: P1049170

CATALOG NUMBER: GALN-SA9B-830-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°	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4
0.0	2.5°	164.5	164.5	162.0	162.0	162.0	162.0	162.0	164.5	166.9	166.9
0.0	5°	157.1	157.1	154.7	154.7	154.7	157.1	157.1	159.6	162.0	164.5
0.0	7.5°	149.7	147.3	147.3	149.7	149.7	152.2	152.2	154.7	157.1	159.6
0.0	10°	144.8	142.4	142.4	142.4	144.8	144.8	147.3	149.7	152.2	154.7
0.0	12.5°	135.0	135.0	135.0	135.0	137.5	137.5	139.9	142.4	147.3	149.7
0.0	15°	130.1	127.6	127.6	127.6	127.6	130.1	130.1	135.0	139.9	142.4
0.0	17.5°	120.3	120.3	117.8	117.8	120.3	120.3	122.7	127.6	132.6	135.0
0.0	20°	110.5	108.0	105.6	105.6	108.0	108.0	110.5	115.4	120.3	122.7
0.0	22.5°	95.7	93.3	93.3	93.3	93.3	95.7	95.7	100.6	108.0	112.9
0.0	25°	76.1	78.6	78.6	81.0	81.0	83.5	85.9	90.8	98.2	103.1
0.0	27.5°	58.9	61.4	61.4	66.3	68.7	71.2	73.6	81.0	88.4	93.3
0.0	30°	44.2	46.6	49.1	51.6	56.5	61.4	66.3	73.6	81.0	85.9
0.0	32.5°	27.0	31.9	34.4	39.3	44.2	49.1	54.0	61.4	71.2	78.6
0.0	35°	19.6	22.1	27.0	29.5	34.4	39.3	44.2	54.0	61.4	71.2
0.0	37.5°	9.8	14.7	19.6	24.5	29.5	34.4	39.3	49.1	58.9	66.3
0.0	40°	7.4	12.3	14.7	19.6	27.0	31.9	36.8	46.6	56.5	66.3
0.0	42.5°	4.9	7.4	9.8	17.2	22.1	29.5	36.8	46.6	56.5	66.3
0.0	45°	4.9	4.9	7.4	14.7	22.1	31.9	39.3	49.1	56.5	66.3
0.0	47.5°	4.9	7.4	9.8	19.6	24.5	31.9	39.3	46.6	56.5	63.8
0.0	50°	7.4	9.8	12.3	22.1	27.0	34.4	39.3	49.1	56.5	66.3
0.0	52.5°	4.9	7.4	9.8	19.6	27.0	36.8	44.2	54.0	63.8	71.2
0.0	55°	2.5	2.5	2.5	14.7	29.5	41.7	56.5	63.8	73.6	81.0
0.0	57.5°	0.0	0.0	0.0	9.8	29.5	46.6	63.8	73.6	83.5	90.8
0.0	60°	0.0	0.0	0.0	9.8	29.5	46.6	63.8	76.1	88.4	100.6
0.0	62.5°	0.0	0.0	0.0	9.8	24.5	39.3	54.0	73.6	95.7	115.4
0.0	65°	0.0	0.0	0.0	7.4	19.6	31.9	44.2	73.6	103.1	130.1
0.0	67.5°	0.0	0.0	0.0	7.4	19.6	29.5	41.7	73.6	103.1	135.0
	70°	0.0	0.0	0.0	7.4	19.6	31.9	44.2	73.6	103.1	132.6
	72.5°	0.0	0.0	0.0	7.4	22.1	34.4	49.1	73.6	98.2	122.7
	75°	0.0	0.0	0.0	9.8	22.1	36.8	51.6	73.6	95.7	115.4
	77.5°	0.0	0.0	0.0	7.4	22.1	34.4	49.1	71.2	93.3	112.9
	80°	7.4	4.9	4.9	12.3	22.1	31.9	41.7	63.8	88.4	110.5
	82.5°	14.7	14.7	12.3	17.2	22.1	29.5	36.8	56.5	78.6	98.2
	85°	29.5	29.5	27.0	29.5	29.5	31.9	34.4	44.2	54.0	63.8
	87.5°	39.3	39.3	36.8	36.8	36.8	34.4	34.4	34.4	34.4	31.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049170

CATALOG NUMBER: GALN-SA9B-830-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
142.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.0											
147.3											
137.5											
135.0											
132.6											
117.8											
73.6											
31.9											
0.0											
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REPORT NUMBER: P1049170

CATALOG NUMBER: GALN-SA9B-830-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4
0.0	2.5°	171.8	174.3	174.3	176.7	179.2	181.7	181.7	184.1	184.1	184.1
0.0	5°	169.4	174.3	176.7	179.2	181.7	184.1	186.6	189.0	191.5	191.5
0.0	7.5°	166.9	169.4	174.3	176.7	181.7	184.1	189.0	191.5	193.9	196.4
0.0	10°	162.0	166.9	171.8	176.7	181.7	186.6	191.5	196.4	201.3	203.7
0.0	12.5°	157.1	164.5	169.4	174.3	181.7	189.0	193.9	201.3	206.2	211.1
0.0	15°	154.7	159.6	166.9	171.8	181.7	191.5	198.8	208.7	218.5	225.8
0.0	17.5°	147.3	157.1	164.5	171.8	181.7	193.9	203.7	213.6	228.3	243.0
0.0	20°	137.5	144.8	154.7	162.0	176.7	189.0	203.7	216.0	238.1	260.2
0.0	22.5°	127.6	137.5	144.8	154.7	171.8	186.6	203.7	218.5	255.3	289.7
0.0	25°	117.8	130.1	139.9	149.7	169.4	189.0	208.7	228.3	289.7	351.0
0.0	27.5°	112.9	122.7	135.0	144.8	169.4	196.4	220.9	245.5	343.7	439.4
0.0	30°	105.6	117.8	127.6	139.9	171.8	203.7	235.7	267.6	417.3	567.1
0.0	32.5°	98.2	110.5	122.7	135.0	176.7	218.5	257.8	299.5	495.9	689.8
0.0	35°	90.8	105.6	117.8	130.1	184.1	240.6	294.6	348.6	567.1	783.1
0.0	37.5°	88.4	103.1	115.4	127.6	186.6	243.0	301.9	358.4	574.4	790.4
0.0	40°	90.8	103.1	117.8	130.1	179.2	228.3	274.9	324.0	549.9	773.3
0.0	42.5°	90.8	105.6	120.3	135.0	174.3	213.6	252.8	292.1	542.5	792.9
0.0	45°	88.4	103.1	117.8	132.6	169.4	203.7	240.6	274.9	586.7	896.0
0.0	47.5°	85.9	100.6	115.4	130.1	166.9	203.7	240.6	277.4	758.5	1237.2
0.0	50°	85.9	100.6	112.9	125.2	169.4	216.0	260.2	304.4	1104.6	1902.4
0.0	52.5°	90.8	103.1	112.9	122.7	174.3	228.3	279.8	331.4	1404.1	2474.4
0.0	55°	98.2	105.6	115.4	122.7	186.6	247.9	311.8	373.1	1495.0	2616.8
0.0	57.5°	108.0	115.4	122.7	130.1	208.7	287.2	363.3	441.9	1502.3	2560.3
0.0	60°	120.3	130.1	137.5	144.8	228.3	314.2	397.7	481.1	1359.9	2236.3
0.0	62.5°	147.3	159.6	169.4	181.7	262.7	341.2	422.2	500.8	1129.2	1757.6
0.0	65°	169.4	179.2	189.0	198.8	277.4	358.4	436.9	515.5	957.4	1399.2
0.0	67.5°	174.3	184.1	191.5	201.3	282.3	363.3	441.9	522.9	819.9	1114.5
	70°	176.7	189.0	203.7	216.0	299.5	382.9	464.0	547.4	726.6	905.8
	72.5°	169.4	193.9	216.0	238.1	316.7	392.8	471.3	547.4	675.1	802.7
	75°	169.4	203.7	235.7	267.6	326.5	382.9	441.9	498.3	596.5	694.7
	77.5°	179.2	223.4	267.6	311.8	346.1	378.0	412.4	444.3	508.1	572.0
	80°	179.2	225.8	270.0	316.7	331.4	348.6	363.3	378.0	385.4	392.8
	82.5°	154.7	191.5	228.3	265.1	247.9	230.7	213.6	196.4	184.1	169.4
	85°	78.6	85.9	90.8	95.7	88.4	81.0	73.6	66.3	61.4	54.0
	87.5°	31.9	31.9	29.5	29.5	29.5	29.5	27.0	27.0	27.0	27.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049170

CATALOG NUMBER: GALN-SA9B-830-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
142.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
184.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
198.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
218.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
238.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
262.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
301.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
385.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
522.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
726.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
984.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1229.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1396.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1522.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1647.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1892.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2383.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3633.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5565.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7005.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7165.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6465.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5528.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4320.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3264.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2410.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1706.1											
1269.1											
923.0											
694.7											
390.3											
176.7											
51.6											
24.5											
0.0											
0.0											
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REPORT NUMBER: P1049170

CATALOG NUMBER: GALN-SA9B-830-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°	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4
0.0	2.5°	184.1	181.7	181.7	179.2	176.7	174.3	171.8	169.4	166.9	164.5
0.0	5°	191.5	191.5	191.5	189.0	189.0	186.6	186.6	184.1	181.7	179.2
0.0	7.5°	198.8	201.3	201.3	203.7	203.7	203.7	203.7	201.3	201.3	201.3
0.0	10°	211.1	213.6	216.0	218.5	220.9	223.4	223.4	225.8	225.8	225.8
0.0	12.5°	225.8	233.2	238.1	245.5	250.4	257.8	262.7	270.0	274.9	279.8
0.0	15°	247.9	260.2	274.9	287.2	299.5	316.7	336.3	353.5	370.7	397.7
0.0	17.5°	279.8	319.1	358.4	395.2	434.5	520.4	606.3	689.8	775.7	900.9
0.0	20°	341.2	459.0	574.4	692.2	807.6	1109.6	1409.0	1711.0	2010.5	2332.0
0.0	22.5°	478.7	768.3	1058.0	1347.7	1637.3	2268.2	2896.6	3527.5	4155.9	4894.8
0.0	25°	694.7	1227.4	1760.1	2290.3	2823.0	3809.8	4799.1	5785.9	6772.7	7732.5
0.0	27.5°	1011.4	1826.4	2641.3	3453.9	4268.9	5606.7	6947.0	8284.9	9622.7	10707.7
0.0	30°	1401.7	2506.3	3611.0	4715.6	5820.3	7342.2	8864.2	10383.7	11905.7	13091.3
0.0	32.5°	1769.9	3122.5	4475.1	5825.2	7177.8	8910.8	10646.4	12379.4	14112.5	15408.6
0.0	35°	2010.5	3645.3	5282.7	6917.6	8552.4	10427.9	12303.3	14176.3	16051.8	17532.0
0.0	37.5°	2251.0	4138.7	6024.0	7911.7	9797.0	11856.6	13916.1	15975.7	18035.2	19864.0
0.0	40°	2521.1	4735.3	6947.0	9161.2	11373.0	13813.0	16250.6	18690.6	21128.2	23708.2
0.0	42.5°	2989.9	5724.5	8461.6	11196.2	13930.8	17158.9	20386.9	23612.5	26840.5	30522.7
0.0	45°	3871.2	7725.2	11581.6	15435.6	19289.6	23565.8	27844.5	32120.7	36396.9	41296.7
0.0	47.5°	6028.9	11331.2	16631.1	21933.4	27233.3	31850.7	36465.7	41083.1	45698.1	50578.2
0.0	50°	9225.0	15396.3	21567.6	27736.5	33907.8	38085.8	42261.4	46439.4	50615.0	55256.9
0.0	52.5°	11537.4	17966.5	24398.0	30827.0	37256.1	41026.6	44799.6	48570.1	52340.7	56678.3
0.0	55°	11711.7	18104.0	24498.6	30890.9	37283.1	41070.8	44858.5	48646.2	52434.0	57031.7
0.0	57.5°	10369.0	16709.6	23047.9	29388.5	35726.8	40039.8	44350.4	48663.4	52974.0	57944.9
0.0	60°	8820.0	15163.1	21503.8	27846.9	34187.6	39156.1	44127.0	49095.5	54063.9	58720.6
0.0	62.5°	6880.7	13405.5	19932.8	26457.5	32982.3	38026.9	43071.5	48113.6	53158.1	56651.3
0.0	65°	5128.0	11463.8	17799.6	24132.9	30468.6	34509.2	38549.8	42587.9	46628.4	48791.1
0.0	67.5°	3706.7	9171.0	14632.9	20097.2	25559.1	28450.8	31342.5	34231.8	37123.5	38778.1
	70°	2506.3	6291.6	10074.4	13859.7	17642.5	20018.7	22397.4	24773.6	27149.8	29383.6
	72.5°	1735.5	3861.4	5989.6	8115.5	10241.3	12632.3	15020.8	17411.7	19800.2	22164.1
	75°	1151.3	2118.5	3088.1	4055.3	5022.5	6792.4	8564.7	10334.6	12104.5	13513.5
	77.5°	817.4	1107.1	1399.2	1688.9	1978.5	2309.9	2643.8	2975.2	3306.6	3809.8
	80°	387.9	424.7	461.5	495.9	532.7	653.0	773.3	893.5	1013.8	1141.5
	82.5°	184.1	198.8	213.6	225.8	240.6	252.8	265.1	277.4	289.7	277.4
	85°	49.1	49.1	51.6	51.6	51.6	51.6	51.6	51.6	51.6	49.1
	87.5°	22.1	22.1	22.1	22.1	22.1	22.1	22.1	19.6	19.6	17.2
	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

REPORT NUMBER: P1049170

CATALOG NUMBER: GALN-SA9B-830-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
142.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
198.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
228.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
282.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
427.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1023.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2656.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5633.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8692.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11792.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14279.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16707.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19012.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21695.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26288.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34204.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46196.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55458.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59898.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61015.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61632.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62915.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63374.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60146.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50956.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40435.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31615.0											
24528.1											
14922.6											
4313.0											
1269.1											
262.7											
46.6											
17.2											
0.0											
0.0											
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REPORT NUMBER: P1049170

CATALOG NUMBER: GALN-SA9B-830-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4
0.0	2.5°	159.6	157.1	154.7	152.2	149.7	144.8	144.8	142.4	142.4
0.0	5°	174.3	171.8	169.4	166.9	166.9	164.5	162.0	162.0	159.6
0.0	7.5°	198.8	196.4	193.9	191.5	191.5	189.0	189.0	186.6	186.6
0.0	10°	228.3	228.3	228.3	228.3	228.3	225.8	225.8	225.8	223.4
0.0	12.5°	287.2	289.7	294.6	299.5	306.8	306.8	306.8	304.4	304.4
0.0	15°	454.1	481.1	500.8	520.4	537.6	576.9	572.0	564.6	559.7
0.0	17.5°	1148.8	1271.6	1337.9	1401.7	1468.0	1649.6	1620.2	1590.7	1563.7
0.0	20°	2977.6	3299.2	3512.8	3726.3	3942.4	4283.6	4200.1	4116.7	4033.2
0.0	22.5°	6370.1	7109.0	7430.6	7752.2	8071.3	8483.7	8216.1	7948.6	7683.4
0.0	25°	9649.7	10609.5	11152.0	11694.5	12234.6	12470.2	12121.7	11770.6	11422.1
0.0	27.5°	12877.7	13962.8	14441.4	14917.7	15396.3	15889.7	15457.7	15023.2	14591.2
0.0	30°	15465.1	16650.7	17168.7	17684.2	18202.1	18545.8	18099.0	17649.8	17203.1
0.0	32.5°	18003.3	19299.4	19866.5	20433.5	20998.1	21491.5	20941.7	20389.3	19839.5
0.0	35°	20490.0	21970.2	22750.8	23531.5	24312.1	24771.1	24118.1	23462.7	22809.8
0.0	37.5°	23524.1	25352.9	26226.8	27100.7	27974.6	28811.7	28092.4	27370.7	26651.5
0.0	40°	28868.1	31448.1	32788.4	34131.2	35471.5	36551.6	35643.3	34735.0	33826.8
0.0	42.5°	37887.0	41569.1	43496.1	45420.7	47347.7	49034.1	48079.2	47124.3	46169.4
0.0	45°	51096.1	55995.8	58345.1	60691.8	63041.0	64273.3	62898.7	61521.5	60146.9
0.0	47.5°	60335.9	65216.0	67307.4	69398.9	71490.4	72897.0	71215.4	69533.9	67854.8
0.0	50°	64538.4	69180.4	71279.3	73375.6	75474.5	76591.4	74649.7	72705.5	70763.8
0.0	52.5°	65351.0	69688.6	72192.4	74698.8	77202.6	78695.1	76402.4	74107.2	71814.4
0.0	55°	66229.8	70827.6	73731.6	76638.0	79542.0	81608.9	79016.7	76422.0	73829.8
0.0	57.5°	67884.3	72855.2	75751.9	78646.0	81542.7	83297.8	80698.2	78096.2	75496.6
0.0	60°	68031.6	72685.8	75175.0	77666.6	80155.7	81260.4	78773.7	76284.5	73797.9
0.0	62.5°	63640.0	67133.1	68861.3	70589.5	72317.6	73518.0	70923.3	68326.2	65731.5
0.0	65°	53118.8	55281.5	56658.6	58035.8	59412.9	60844.0	58467.8	56091.6	53715.4
0.0	67.5°	42089.5	43744.1	45558.1	47372.2	49186.3	50715.6	48813.2	46908.3	45005.8
	70°	33848.9	36080.3	38120.2	40160.1	42200.0	43451.9	41542.1	39629.9	37720.0
	72.5°	26892.0	29256.0	30959.6	32660.8	34364.4	34671.2	33267.1	31863.0	30461.3
	75°	16329.2	17738.2	17772.6	17804.5	17838.8	18131.0	16967.4	15803.8	14642.7
	77.5°	4816.3	5319.5	5734.4	6146.8	6561.6	7062.4	6635.3	6205.7	5778.5
	80°	1394.3	1522.0	1630.0	1735.5	1843.5	1779.7	1679.1	1578.4	1477.8
	82.5°	250.4	235.7	233.2	230.7	230.7	218.5	198.8	179.2	159.6
	85°	44.2	41.7	39.3	36.8	34.4	31.9	27.0	24.5	19.6
	87.5°	14.7	12.3	9.8	7.4	7.4	2.5	2.5	2.5	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049170

CATALOG NUMBER: GALN-SA9B-830-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
142.4	142.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.9	139.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.1	157.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
184.1	181.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
223.4	220.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
301.9	294.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
552.3	525.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1534.2	1404.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3949.7	3596.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7415.9	6760.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11071.0	10246.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14159.1	13209.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16756.3	15735.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19289.6	18067.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22156.8	20730.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25929.8	24177.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32918.5	30660.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45214.5	42163.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58772.2	54986.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66173.3	62086.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68822.0	64661.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69519.2	65274.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71235.1	66681.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72897.0	68228.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71311.2	67246.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63134.3	59898.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51339.1	48977.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43103.4	40442.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35807.8	32911.1										
29057.2	26447.7										
13479.2	12435.9										
5351.4	4786.8										
1377.1	1234.8										
139.9	132.6										
14.7	12.3										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
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0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										

REPORT NUMBER: P1049170

CATALOG NUMBER: GALN-SA9B-830-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°	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4	142.4
0.0	0.0	2.5°	139.9	137.5	137.5	137.5	137.5	135.0	135.0	135.0	135.0
0.0	0.0	5°	154.7	154.7	152.2	152.2	149.7	149.7	147.3	147.3	144.8
0.0	0.0	7.5°	181.7	179.2	176.7	174.3	171.8	166.9	164.5	162.0	162.0
0.0	0.0	10°	218.5	213.6	211.1	206.2	203.7	198.8	193.9	189.0	184.1
0.0	0.0	12.5°	287.2	277.4	270.0	260.2	250.4	243.0	233.2	225.8	216.0
0.0	0.0	15°	498.3	473.8	446.8	414.9	380.5	348.6	314.2	294.6	272.5
0.0	0.0	17.5°	1274.0	1146.4	1016.3	910.7	805.2	702.1	596.5	520.4	444.3
0.0	0.0	20°	3242.8	2889.3	2535.8	2187.2	1836.2	1487.6	1136.6	959.8	783.1
0.0	0.0	22.5°	6102.6	5447.1	4789.3	4153.5	3515.2	2879.4	2243.7	1843.5	1445.9
0.0	0.0	25°	9419.0	8594.2	7769.4	6723.6	5675.4	4629.7	3584.0	2933.5	2282.9
0.0	0.0	27.5°	12256.7	11306.7	10356.7	9085.1	7813.5	6542.0	5270.4	4300.8	3333.6
0.0	0.0	30°	14713.9	13692.7	12671.5	11191.3	9711.1	8230.9	6750.6	5538.0	4325.3
0.0	0.0	32.5°	16844.7	15622.2	14399.7	12872.8	11346.0	9819.1	8292.2	6804.6	5317.0
0.0	0.0	35°	19301.9	17875.7	16447.0	14753.2	13056.9	11363.1	9669.4	7990.3	6308.8
0.0	0.0	37.5°	22424.4	20674.1	18921.4	17033.7	15146.0	13260.7	11373.0	9453.3	7533.7
0.0	0.0	40°	28401.7	26143.3	23884.9	21486.6	19085.9	16687.5	14289.2	11932.7	9576.1
0.0	0.0	42.5°	39111.9	36060.6	33009.3	29818.1	26624.5	23433.3	20239.6	16915.8	13589.6
0.0	0.0	45°	51199.2	47413.9	43626.2	40044.7	36460.7	32879.2	29297.7	24736.8	20175.8
0.0	0.0	47.5°	57996.5	53909.3	49822.1	46432.0	43042.0	39652.0	36261.9	31345.0	26428.1
0.0	0.0	50°	60497.9	56337.0	52176.2	49056.2	45933.7	42813.7	39691.2	34767.0	29840.2
0.0	0.0	52.5°	61030.6	56786.3	52542.0	49402.3	46262.7	43125.5	39985.8	35093.4	30201.1
0.0	0.0	55°	62125.4	57571.8	53015.7	49436.7	45857.6	42278.6	38699.5	33728.6	28757.7
0.0	0.0	57.5°	63556.5	58887.6	54218.6	50141.2	46063.8	41988.9	37911.5	32476.7	27041.8
0.0	0.0	60°	63181.0	59118.3	55053.2	50686.2	46316.7	41949.6	37580.1	31602.8	25622.9
0.0	0.0	62.5°	56661.1	53425.7	50187.8	46596.5	43002.7	39411.4	35820.1	29665.9	23511.8
0.0	0.0	65°	46613.7	44252.2	41890.7	39001.4	36109.7	33220.4	30331.2	24812.8	19297.0
0.0	0.0	67.5°	37779.0	35118.0	32454.6	30152.0	27846.9	25544.4	23239.3	18896.8	14554.4
		70°	30014.5	27120.3	24223.7	21975.1	19724.1	17475.5	15227.0	12340.1	9455.8
		72.5°	23835.8	21226.4	18617.0	16218.7	13817.9	11419.6	9018.8	7312.8	5606.7
		75°	11392.6	10349.3	9306.0	8051.7	6797.3	5542.9	4288.5	3544.7	2803.4
		77.5°	4222.2	3660.1	3095.5	2584.9	2074.3	1566.1	1055.6	967.2	878.8
		80°	1092.4	952.5	810.1	709.4	606.3	505.7	405.0	365.8	328.9
		82.5°	125.2	115.4	108.0	103.1	95.7	90.8	83.5	76.1	68.7
		85°	7.4	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049170

CATALOG NUMBER: GALN-SA9B-830-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	142.4	142.4
0.0	0.0	2.5°	132.6	130.1
0.0	0.0	5°	139.9	137.5
0.0	0.0	7.5°	154.7	149.7
0.0	0.0	10°	169.4	164.5
0.0	0.0	12.5°	191.5	184.1
0.0	0.0	15°	216.0	201.3
0.0	0.0	17.5°	257.8	225.8
0.0	0.0	20°	348.6	267.6
0.0	0.0	22.5°	491.0	333.8
0.0	0.0	25°	721.7	461.5
0.0	0.0	27.5°	1004.0	613.7
0.0	0.0	30°	1335.4	768.3
0.0	0.0	32.5°	1627.5	915.6
0.0	0.0	35°	2008.0	1065.4
0.0	0.0	37.5°	2476.9	1256.8
0.0	0.0	40°	3203.5	1546.5
0.0	0.0	42.5°	4511.9	2081.6
0.0	0.0	45°	7327.5	3598.7
0.0	0.0	47.5°	11274.8	5952.8
0.0	0.0	50°	13793.4	7597.5
0.0	0.0	52.5°	13999.6	7585.2
0.0	0.0	55°	12779.6	6743.3
0.0	0.0	57.5°	10904.1	5636.2
0.0	0.0	60°	9063.0	4457.9
0.0	0.0	62.5°	7140.9	3078.3
0.0	0.0	65°	5218.8	2177.4
0.0	0.0	67.5°	3748.4	1627.5
		70°	2464.6	1247.0
		72.5°	1605.4	1016.3
		75°	1080.1	842.0
		77.5°	630.9	559.7
		80°	223.4	196.4
		82.5°	41.7	29.5
		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: P1049170

CATALOG NUMBER: GALN-SA9B-830-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: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

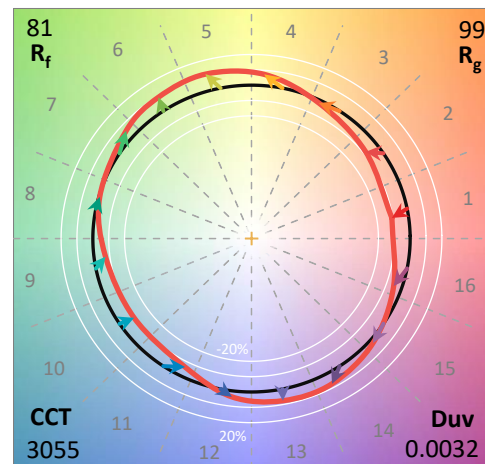
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-9
 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-830-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3055
 CIE u' : 0.2475
 CIE v' : 0.5247
 Duv: 0.0032
 CIE x: 0.4377
 CIE y: 0.4124
 CIE z: 0.1499
 Peak Wavelength (nm): 604
 Dominant Wavelength (nm): 581
 Purity: 55.16339
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 80.9
 R1: 79.5
 R2: 85.6
 R3: 92.1
 R4: 82.4
 R5: 78.9
 R6: 81.7
 R7: 85.1
 R8: 61.9
 R9: 6.8
 R10: 67.1
 R11: 82.5
 R12: 63.4
 R13: 80.2
 R14: 95.1
 R15: 71.7



Test Conditions

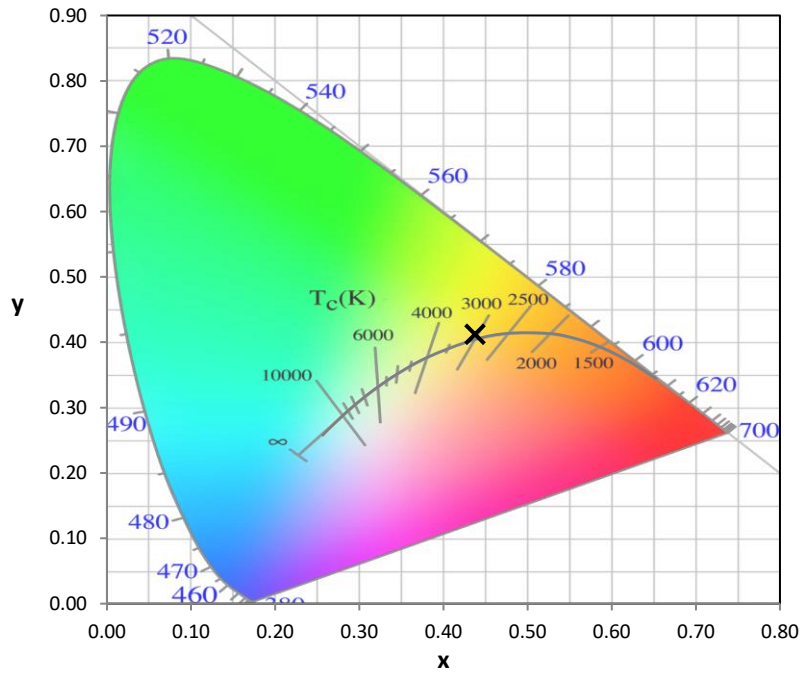
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

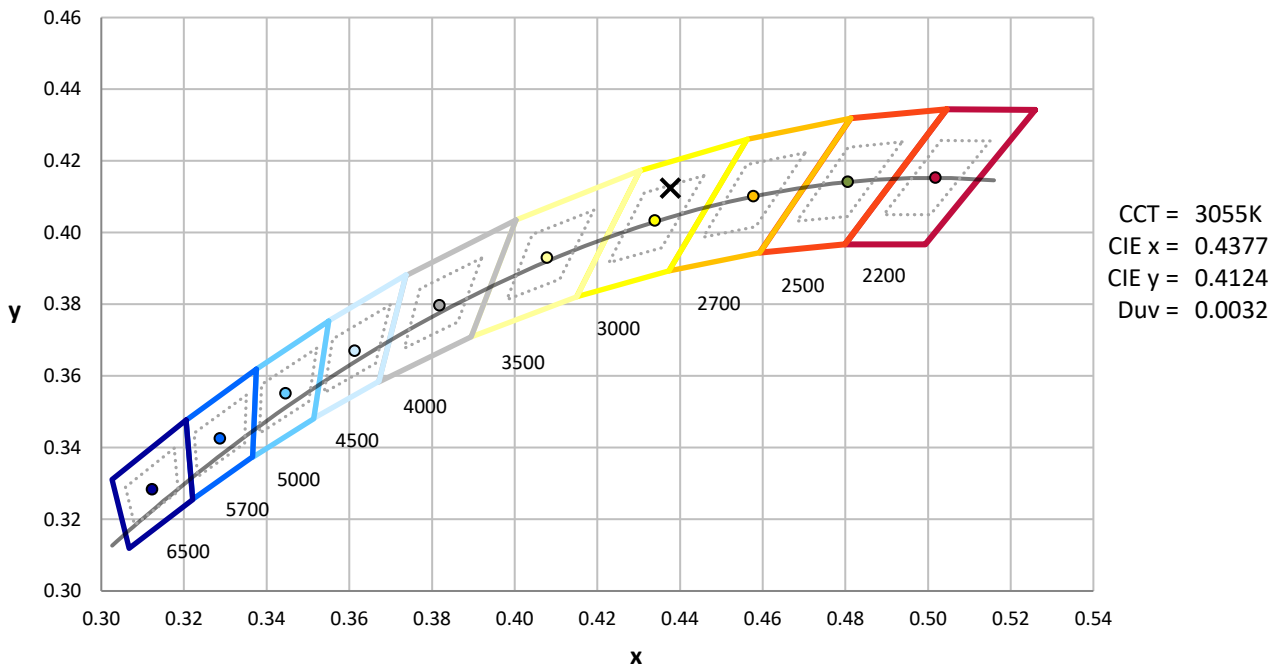
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



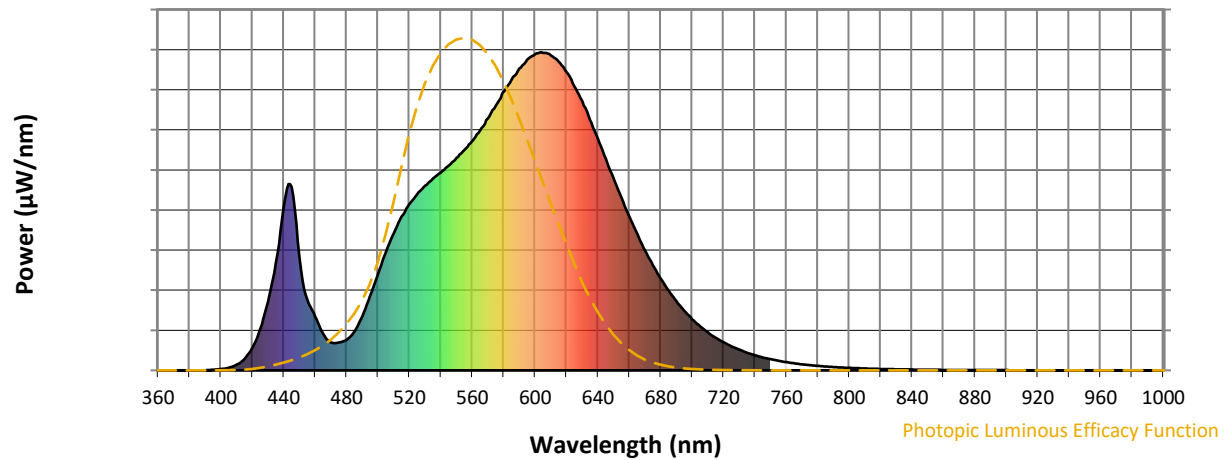
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

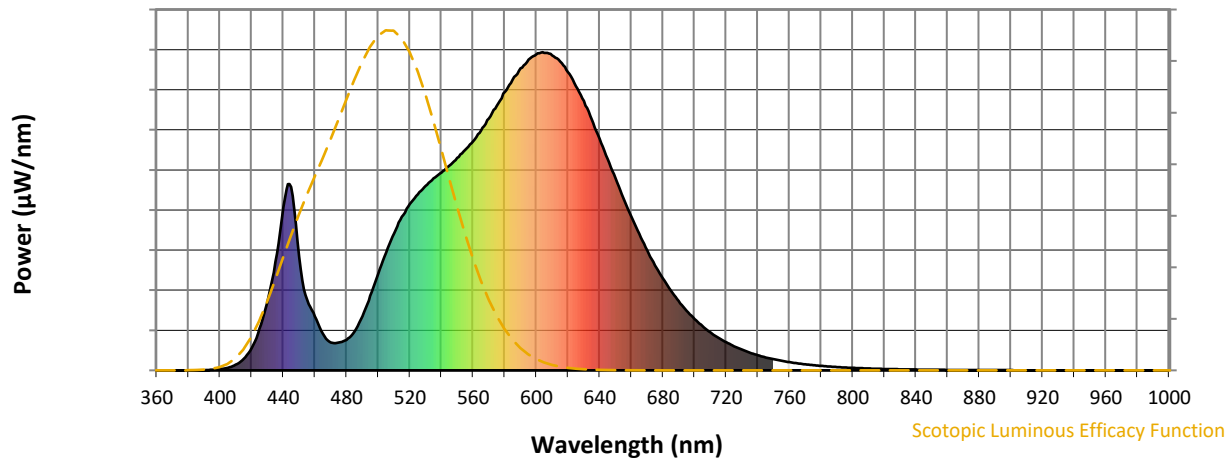


Photopic Lumens: NR

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength



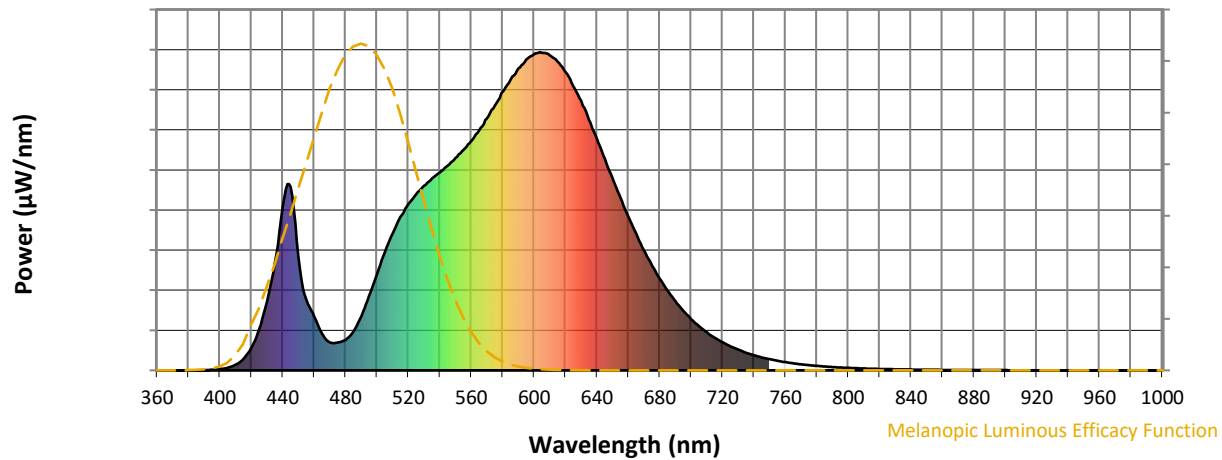
Scotopic Lumens: NR

S/P: 1.28

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.33

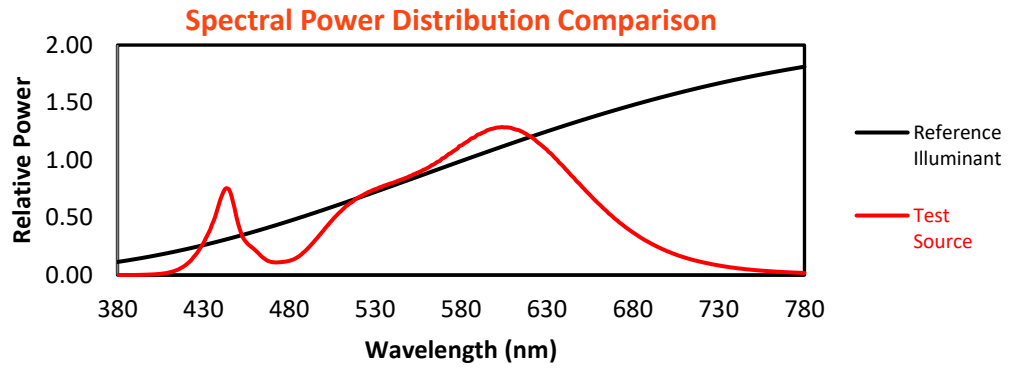
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

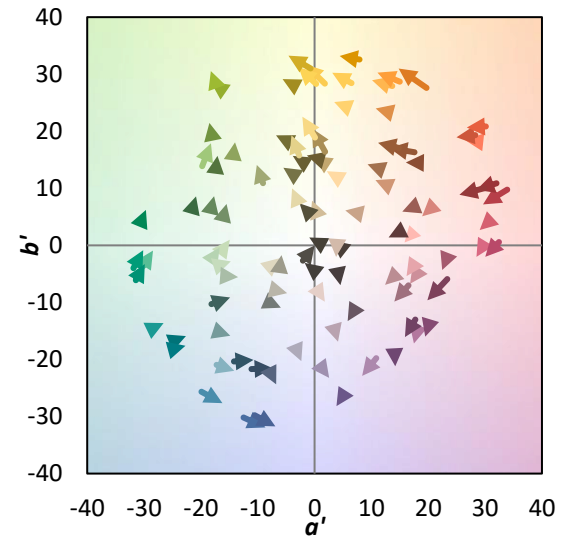
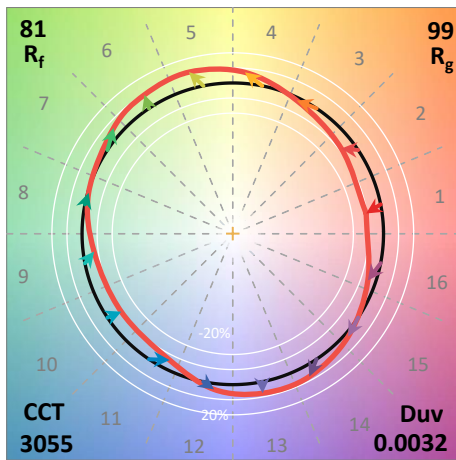
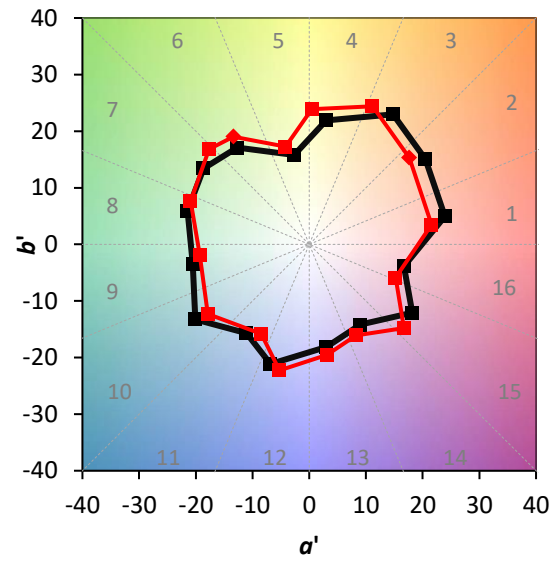
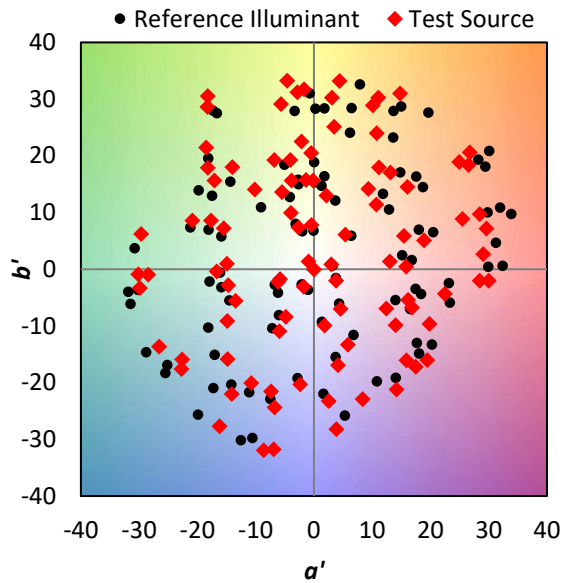
TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE\ R_a = 80.9$
 $R_9 = 6.8$

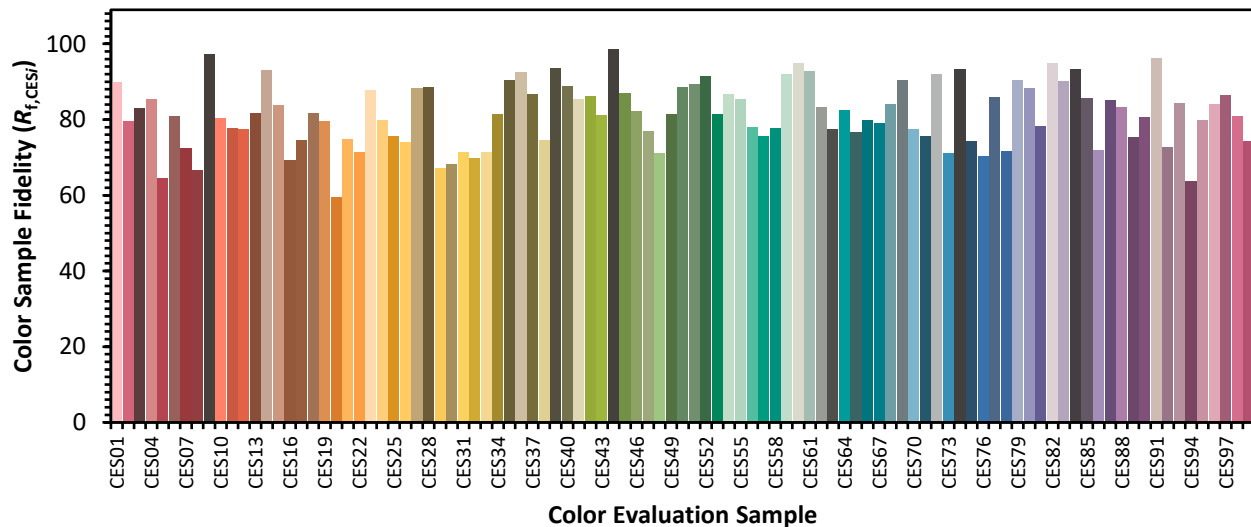


Color Vector Graphics

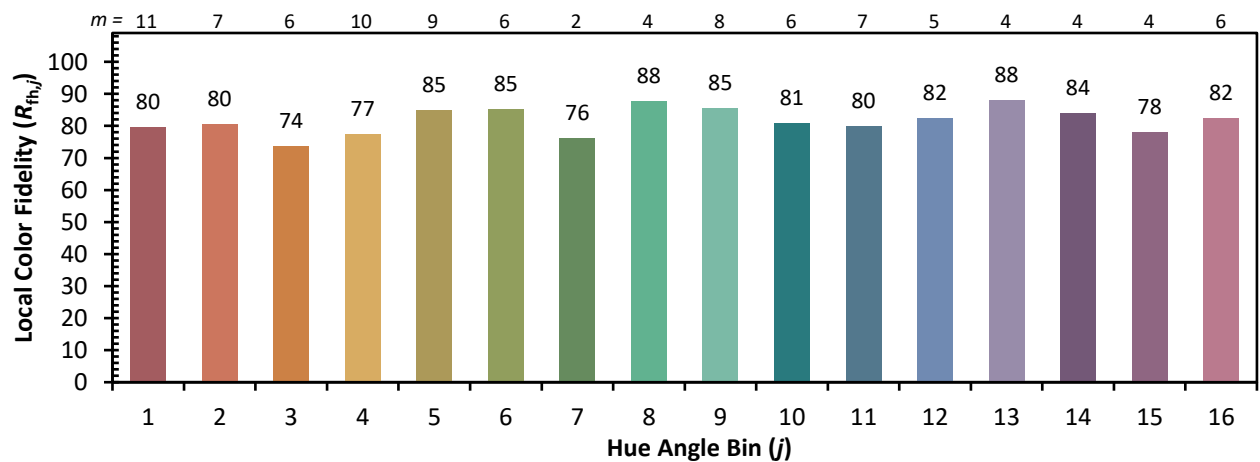
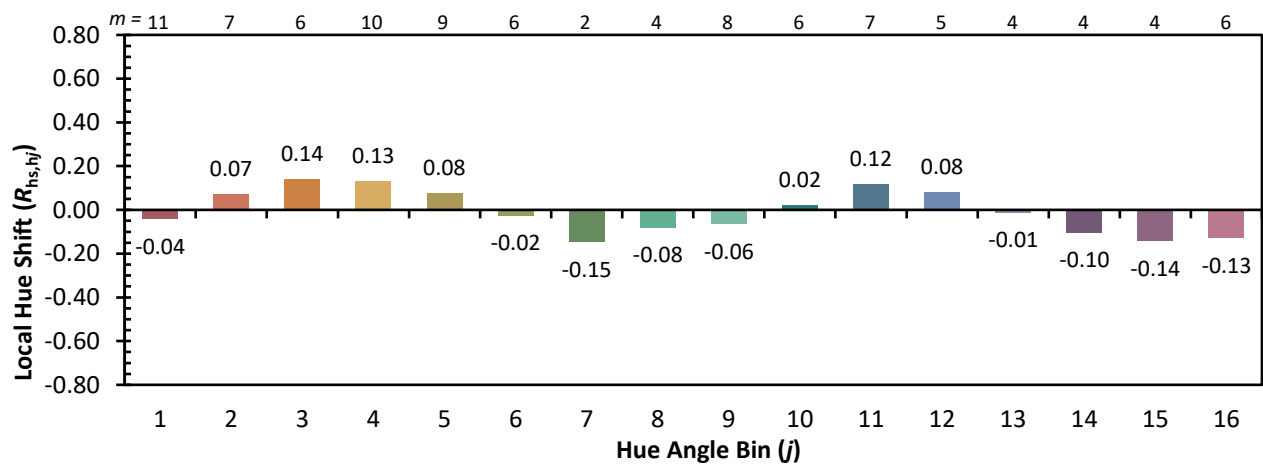
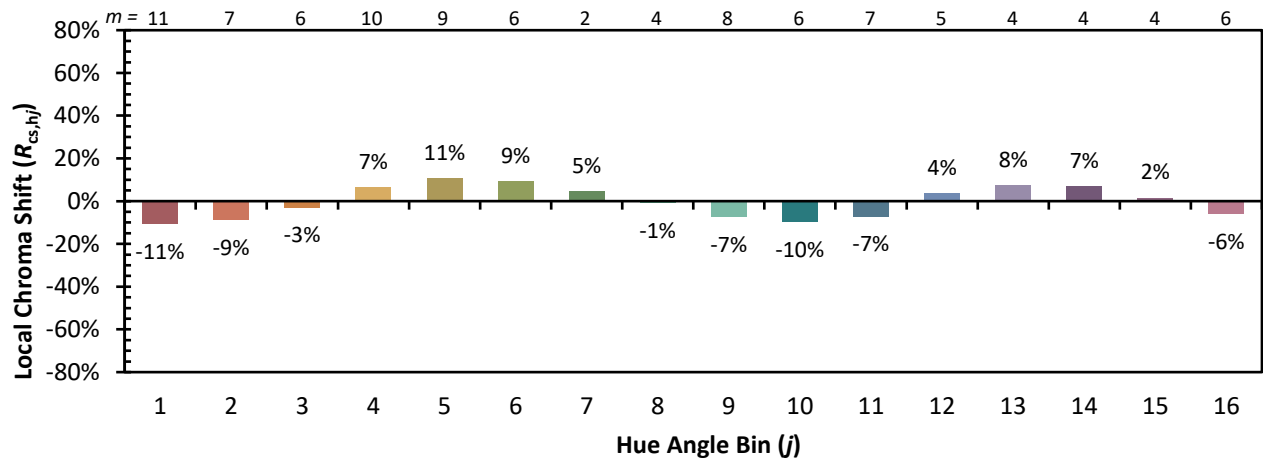


Individual Sample Fidelity Index ($R_{f,i}$)

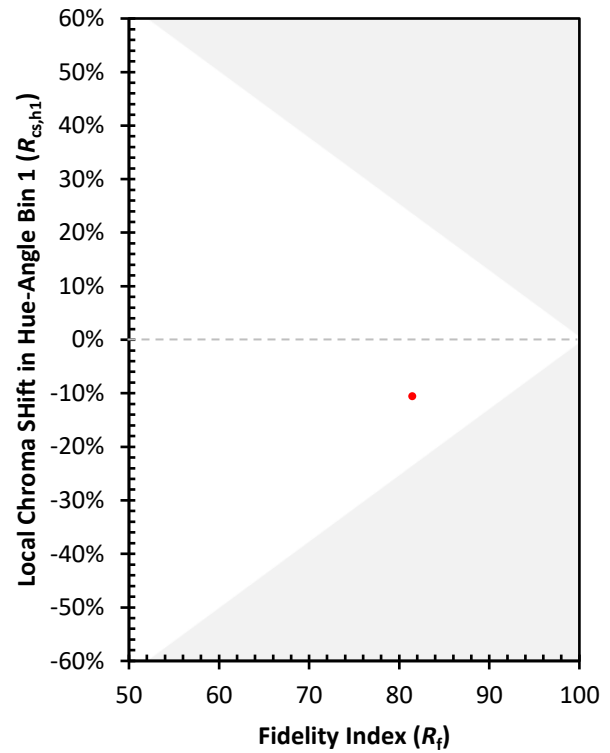
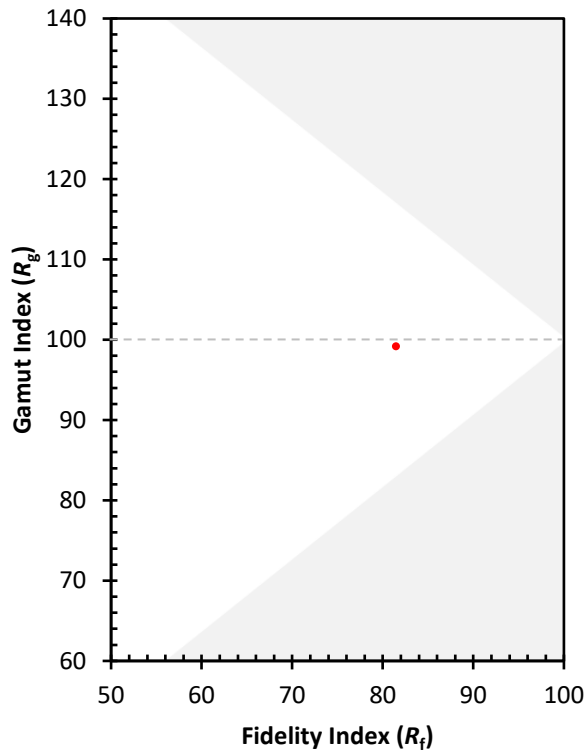
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)