

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: P1049098

Luminaire Tested: **GALN-SA9B-760-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049098
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9B-760-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE
70CRI 5700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (126) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 36311.2 lumens
Efficiency: N/A
Efficacy: 116.1 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

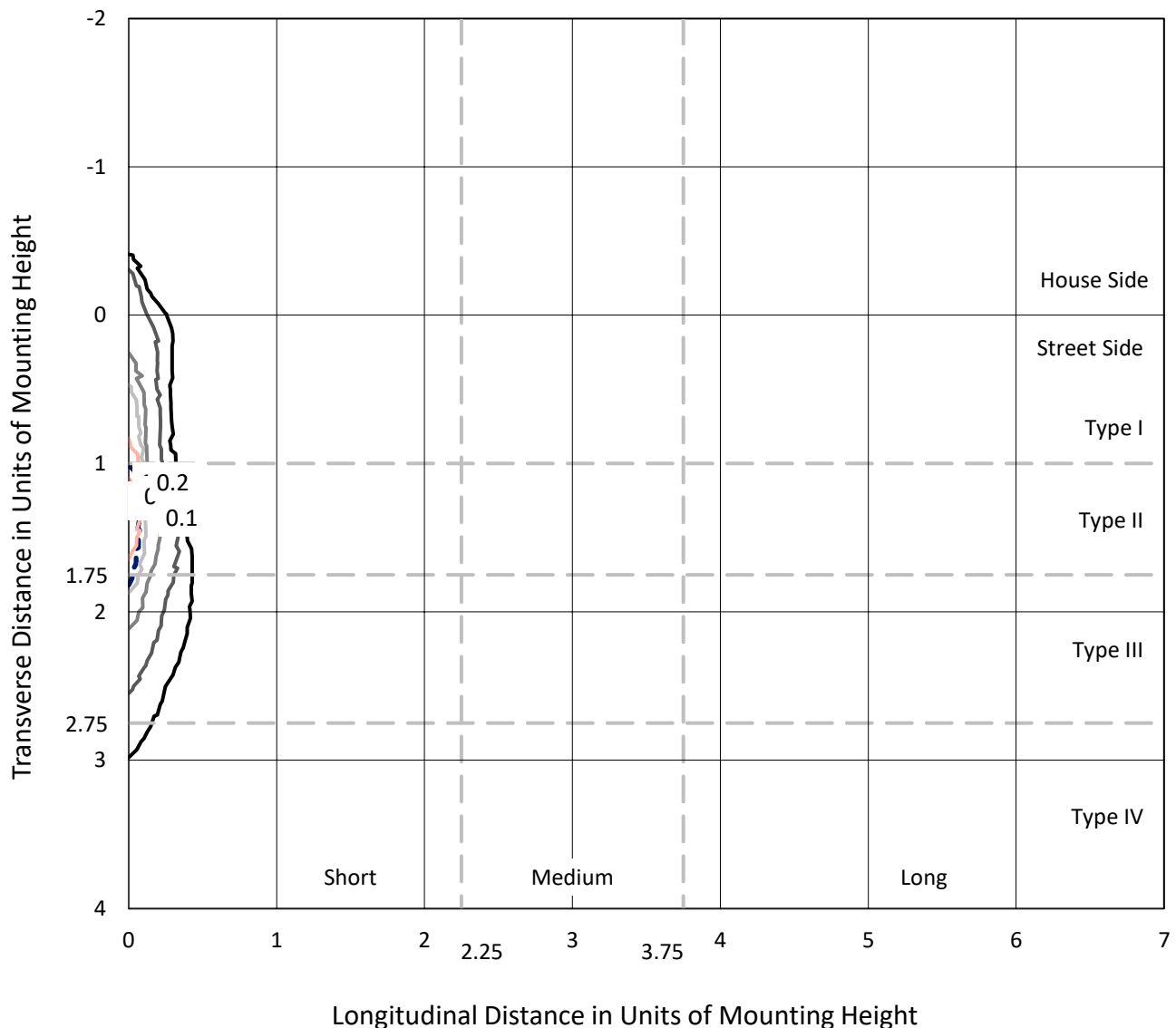
Input Watts (W): 312.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

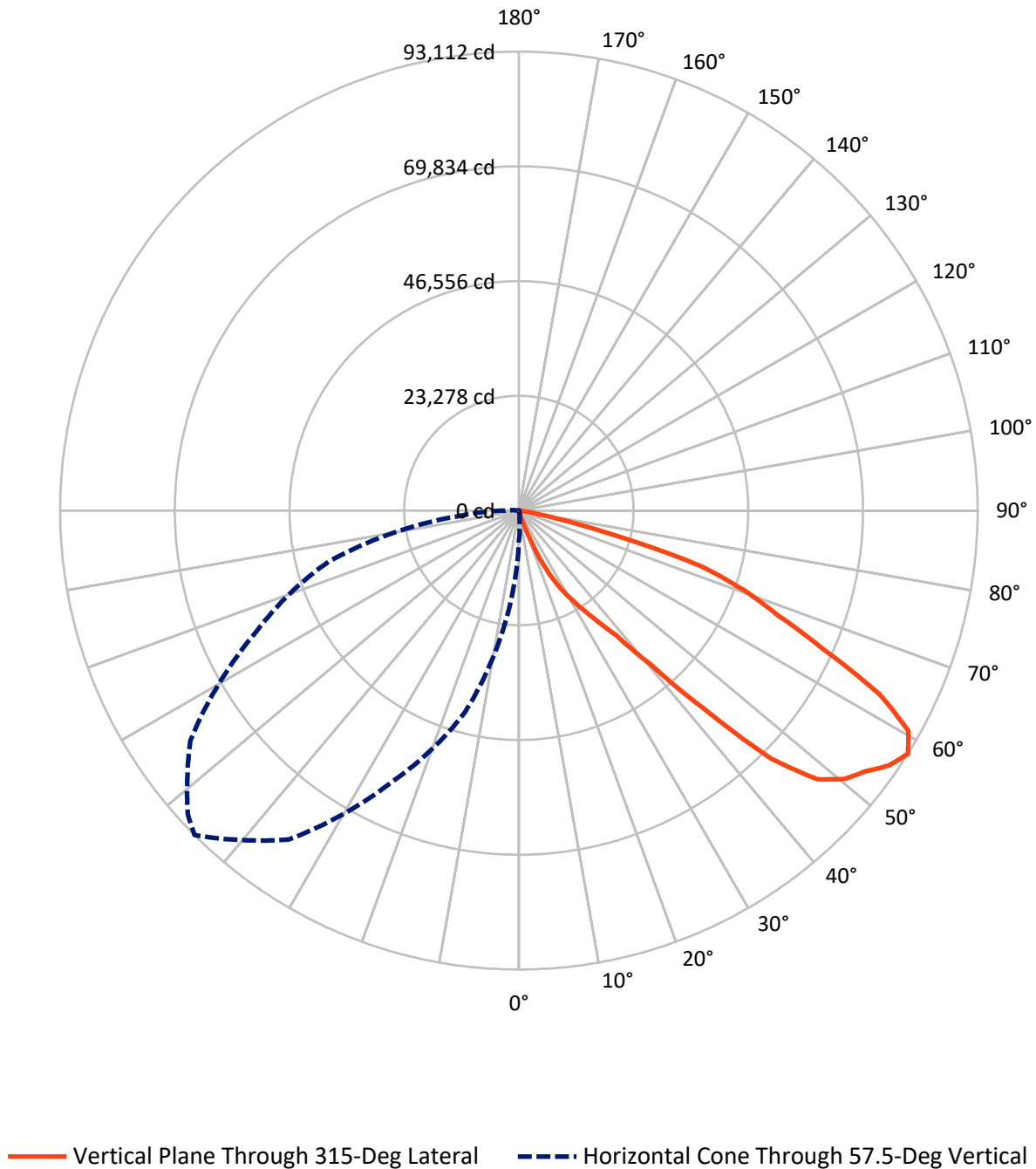
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5.3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	181.8	0.0	181.8
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	36129.4	0.0	36129.4
	% Fixture	99.5	0.0	99.5
Total	Lumens	36311.2	0.0	36311.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.2	0.0
10°-20°	79.8	0.2
20°-30°	860.5	2.4
30°-40°	2544.7	7.0
40°-50°	7584.0	20.9
50°-60°	12025.4	33.1
60°-70°	10038.3	27.6
70°-80°	3095.4	8.5
80°-90°	68.8	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°	36311.2	100.0
0°-180°	36311.2	100.0



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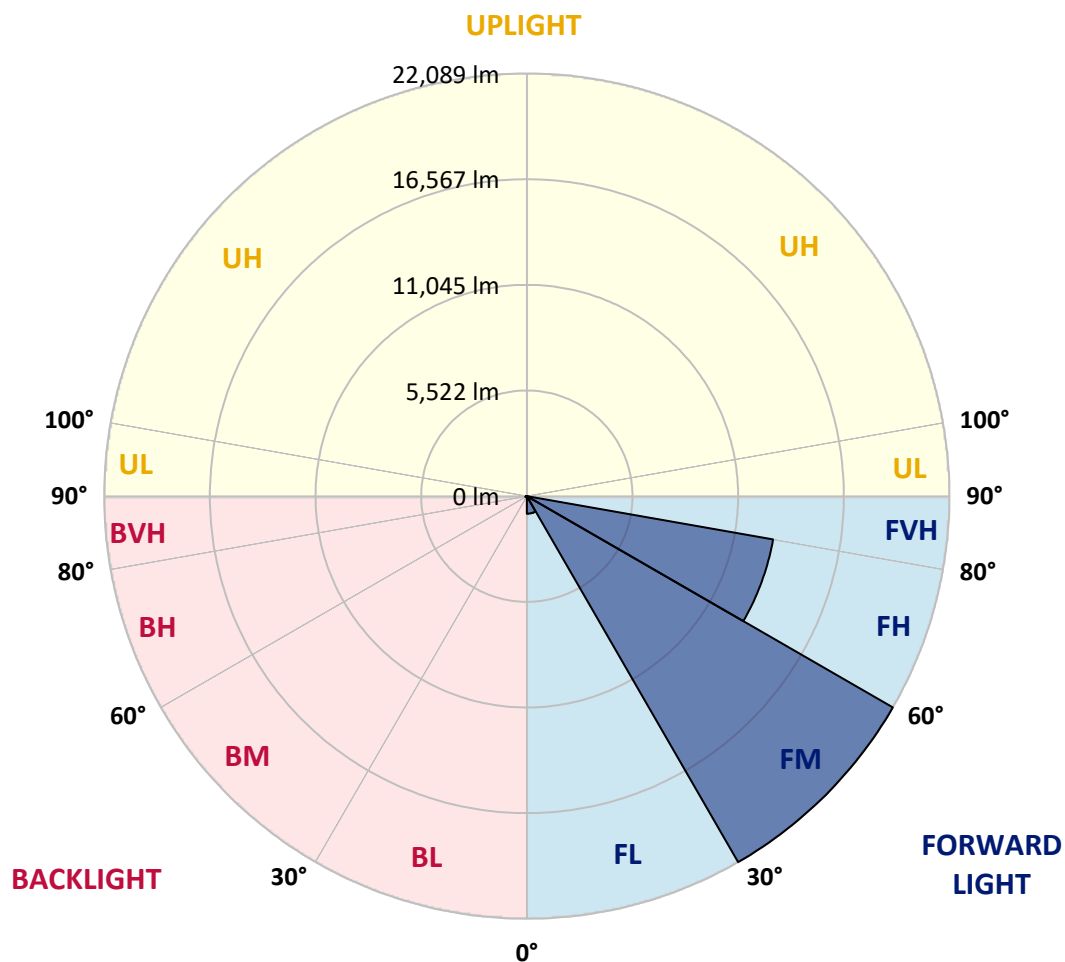
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	921.1	2.5			
FM	(30°-60°)	22089.1	60.8			
FH	(60°-80°)	13065.9	36.0			G5
FVH	(80°-90°)	53.2	0.1			G1/100
BL	(0°-30°)	33.4	0.1	B0/110		
BM	(30°-60°)	65.0	0.2	B0/220		
BH	(60°-80°)	67.8	0.2	B0/110		G0/110
BVH	(80°-90°)	15.6	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-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°	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2
2.5°	145.4	145.4	145.4	145.4	142.7	142.7	139.9	139.9	137.2	137.2
5°	153.7	153.7	150.9	148.2	148.2	145.4	142.7	139.9	139.9	137.2
7.5°	167.4	164.6	161.9	159.2	153.7	150.9	145.4	142.7	139.9	134.5
10°	183.8	178.4	172.9	167.4	161.9	156.4	150.9	148.2	142.7	139.9
12.5°	205.8	197.6	186.6	178.4	172.9	164.6	159.2	153.7	145.4	139.9
15°	225.0	214.0	200.3	189.3	181.1	170.1	161.9	153.7	148.2	139.9
17.5°	252.4	233.2	211.3	197.6	186.6	172.9	159.2	150.9	142.7	131.7
20°	299.1	260.7	219.5	203.1	186.6	170.1	153.7	142.7	134.5	123.5
22.5°	373.2	307.3	241.5	216.8	194.8	170.1	148.2	137.2	126.2	115.2
25°	515.9	397.9	279.9	247.0	214.0	181.1	148.2	134.5	123.5	109.8
27.5°	686.0	510.4	332.0	285.4	241.5	194.8	148.2	131.7	118.0	101.5
30°	858.9	625.6	389.6	329.3	268.9	208.5	148.2	129.0	112.5	93.3
32.5°	1023.5	732.6	439.0	367.7	296.4	222.3	150.9	129.0	107.0	85.1
35°	1190.9	820.5	447.3	373.2	299.1	222.3	148.2	123.5	101.5	76.8
37.5°	1404.9	919.2	430.8	356.7	285.4	211.3	139.9	118.0	96.0	71.3
40°	1728.7	1083.9	439.0	362.2	285.4	208.5	131.7	109.8	90.6	68.6
42.5°	2326.9	1402.2	474.7	386.9	299.1	208.5	120.7	101.5	85.1	65.9
45°	4022.7	2329.7	636.6	504.9	373.2	241.5	109.8	93.3	79.6	63.1
47.5°	6654.2	3899.2	1144.2	883.6	625.6	365.0	107.0	93.3	79.6	63.1
50°	8492.7	4966.6	1440.6	1108.6	776.6	444.5	112.5	96.0	82.3	65.9
52.5°	8479.0	5043.5	1605.2	1232.1	861.6	488.4	118.0	101.5	87.8	71.3
55°	7537.8	4588.0	1635.4	1256.8	880.8	502.2	126.2	109.8	93.3	76.8
57.5°	6300.2	3896.5	1492.7	1155.2	820.5	482.9	145.4	126.2	109.8	90.6
60°	4983.1	3073.3	1163.5	919.2	677.8	433.6	192.1	167.4	145.4	120.7
62.5°	3441.0	2228.1	1015.3	815.0	617.4	417.1	219.5	194.8	172.9	148.2
65°	2433.9	1676.6	916.5	746.4	579.0	408.9	238.7	211.3	186.6	159.2
67.5°	1819.3	1333.6	845.2	699.7	554.3	408.9	263.4	230.5	200.3	167.4
70°	1394.0	1094.9	793.0	675.0	559.8	441.8	323.8	277.1	233.2	186.6
72.5°	1136.0	935.7	732.6	647.6	562.5	477.5	392.4	332.0	271.7	208.5
75°	941.2	801.2	661.3	590.0	521.4	450.0	378.7	323.8	271.7	216.8
77.5°	625.6	570.8	513.1	472.0	430.8	386.9	345.7	299.1	255.2	208.5
80°	219.5	211.3	203.1	219.5	236.0	252.4	268.9	236.0	205.8	172.9
82.5°	32.9	30.2	27.4	30.2	32.9	35.7	38.4	41.2	43.9	46.6
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°	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2
0.0	2.5°	134.5	134.5	131.7	131.7	131.7	129.0	129.0	126.2	126.2	126.2
0.0	5°	131.7	131.7	129.0	126.2	123.5	123.5	120.7	118.0	118.0	115.2
0.0	7.5°	129.0	126.2	123.5	120.7	118.0	115.2	112.5	109.8	109.8	107.0
0.0	10°	131.7	126.2	123.5	118.0	115.2	112.5	107.0	104.3	101.5	101.5
0.0	12.5°	126.2	123.5	118.0	112.5	109.8	104.3	101.5	96.0	93.3	93.3
0.0	15°	126.2	120.7	112.5	107.0	101.5	98.8	93.3	87.8	85.1	82.3
0.0	17.5°	118.0	112.5	104.3	98.8	93.3	87.8	82.3	76.8	74.1	71.3
0.0	20°	107.0	101.5	93.3	85.1	79.6	74.1	68.6	63.1	60.4	57.6
0.0	22.5°	96.0	90.6	82.3	74.1	68.6	63.1	54.9	49.4	46.6	41.2
0.0	25°	90.6	82.3	74.1	65.9	57.6	52.1	43.9	35.7	30.2	24.7
0.0	27.5°	76.8	68.6	60.4	52.1	43.9	35.7	27.4	19.2	13.7	11.0
0.0	30°	65.9	57.6	49.4	41.2	30.2	22.0	13.7	2.7	2.7	2.7
0.0	32.5°	54.9	46.6	35.7	27.4	22.0	13.7	8.2	0.0	0.0	0.0
0.0	35°	43.9	35.7	24.7	16.5	13.7	8.2	5.5	0.0	0.0	0.0
0.0	37.5°	38.4	30.2	19.2	8.2	5.5	5.5	2.7	0.0	0.0	0.0
0.0	40°	35.7	24.7	13.7	2.7	2.7	2.7	0.0	0.0	0.0	0.0
0.0	42.5°	35.7	24.7	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	35.7	24.7	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	35.7	24.7	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	38.4	27.4	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	43.9	32.9	22.0	11.0	8.2	5.5	2.7	0.0	0.0	0.0
0.0	55°	54.9	49.4	41.2	35.7	27.4	19.2	8.2	0.0	0.0	0.0
0.0	57.5°	71.3	71.3	68.6	65.9	49.4	32.9	16.5	0.0	0.0	0.0
0.0	60°	96.0	96.0	96.0	96.0	71.3	49.4	24.7	0.0	0.0	0.0
0.0	62.5°	118.0	112.5	104.3	98.8	74.1	49.4	24.7	0.0	0.0	0.0
0.0	65°	118.0	107.0	93.3	79.6	60.4	41.2	19.2	0.0	0.0	0.0
0.0	67.5°	109.8	87.8	63.1	41.2	30.2	22.0	11.0	0.0	0.0	0.0
	70°	109.8	76.8	43.9	11.0	8.2	5.5	2.7	0.0	0.0	0.0
	72.5°	109.8	74.1	35.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	120.7	82.3	41.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	120.7	82.3	41.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	107.0	71.3	35.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	35.7	24.7	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[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°	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2
0.0	2.5°	123.5	123.5	123.5	120.7	120.7	120.7	120.7	118.0	118.0	118.0
0.0	5°	112.5	112.5	109.8	109.8	107.0	107.0	104.3	104.3	101.5	101.5
0.0	7.5°	104.3	101.5	101.5	98.8	96.0	96.0	93.3	93.3	90.6	87.8
0.0	10°	96.0	93.3	93.3	90.6	87.8	85.1	85.1	82.3	79.6	76.8
0.0	12.5°	87.8	85.1	82.3	79.6	76.8	74.1	74.1	71.3	68.6	65.9
0.0	15°	76.8	74.1	71.3	68.6	65.9	63.1	63.1	60.4	57.6	54.9
0.0	17.5°	65.9	63.1	63.1	60.4	57.6	54.9	52.1	46.6	43.9	41.2
0.0	20°	49.4	46.6	43.9	41.2	38.4	32.9	30.2	24.7	19.2	16.5
0.0	22.5°	32.9	27.4	24.7	19.2	13.7	11.0	8.2	2.7	0.0	0.0
0.0	25°	11.0	8.2	5.5	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-760-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049098

CATALOG NUMBER: GALN-SA9B-760-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2
0.0	2.5°	115.2	115.2	115.2	112.5	112.5	112.5	112.5	112.5	112.5	112.5
0.0	5°	98.8	98.8	98.8	96.0	96.0	93.3	93.3	93.3	90.6	90.6
0.0	7.5°	85.1	82.3	82.3	79.6	79.6	76.8	76.8	76.8	74.1	74.1
0.0	10°	71.3	68.6	68.6	65.9	65.9	63.1	63.1	60.4	60.4	57.6
0.0	12.5°	63.1	60.4	57.6	54.9	54.9	52.1	49.4	49.4	46.6	43.9
0.0	15°	49.4	46.6	43.9	41.2	38.4	35.7	32.9	32.9	30.2	27.4
0.0	17.5°	32.9	27.4	24.7	22.0	22.0	19.2	16.5	13.7	11.0	8.2
0.0	20°	8.2	5.5	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
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: P1049098

CATALOG NUMBER: GALN-SA9B-760-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049098

CATALOG NUMBER: GALN-SA9B-760-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°	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2
0.0	2.5°	112.5	109.8	109.8	109.8	112.5	112.5	112.5	112.5	112.5	112.5
0.0	5°	90.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
0.0	7.5°	74.1	71.3	71.3	71.3	71.3	68.6	68.6	68.6	68.6	68.6
0.0	10°	57.6	54.9	54.9	54.9	54.9	52.1	52.1	52.1	52.1	52.1
0.0	12.5°	41.2	41.2	38.4	38.4	38.4	35.7	35.7	35.7	35.7	32.9
0.0	15°	24.7	22.0	19.2	19.2	19.2	16.5	16.5	16.5	16.5	13.7
0.0	17.5°	5.5	5.5	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
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: P1049098

CATALOG NUMBER: GALN-SA9B-760-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2
0.0	2.5°	115.2	115.2	118.0	118.0	120.7	126.2	129.0	131.7	137.2	142.7
0.0	5°	90.6	93.3	93.3	96.0	98.8	101.5	104.3	107.0	112.5	118.0
0.0	7.5°	71.3	71.3	74.1	74.1	76.8	82.3	85.1	87.8	93.3	101.5
0.0	10°	54.9	54.9	57.6	57.6	60.4	65.9	68.6	71.3	76.8	85.1
0.0	12.5°	35.7	38.4	38.4	41.2	43.9	49.4	52.1	54.9	60.4	65.9
0.0	15°	16.5	19.2	19.2	22.0	24.7	30.2	32.9	35.7	41.2	49.4
0.0	17.5°	2.7	2.7	5.5	5.5	8.2	11.0	13.7	16.5	24.7	30.2
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	11.0
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):

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REPORT NUMBER: P1049098

CATALOG NUMBER: GALN-SA9B-760-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°	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2
0.0	2.5°	150.9	156.4	161.9	167.4	172.9	178.4	181.1	186.6	189.3	192.1
0.0	5°	129.0	134.5	142.7	148.2	153.7	159.2	164.6	167.4	170.1	172.9
0.0	7.5°	112.5	118.0	126.2	131.7	137.2	142.7	148.2	153.7	156.4	159.2
0.0	10°	96.0	104.3	109.8	118.0	123.5	129.0	134.5	139.9	145.4	148.2
0.0	12.5°	76.8	85.1	93.3	98.8	107.0	115.2	120.7	126.2	131.7	137.2
0.0	15°	60.4	68.6	76.8	82.3	90.6	98.8	107.0	112.5	118.0	123.5
0.0	17.5°	43.9	52.1	60.4	65.9	74.1	82.3	87.8	96.0	101.5	107.0
0.0	20°	22.0	30.2	38.4	46.6	54.9	63.1	68.6	76.8	82.3	87.8
0.0	22.5°	2.7	11.0	19.2	24.7	32.9	41.2	46.6	54.9	60.4	65.9
0.0	25°	0.0	2.7	8.2	11.0	13.7	19.2	24.7	30.2	35.7	41.2
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.7	5.5	11.0	16.5	22.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
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	5.5
	85°	0.0	0.0	0.0	0.0	0.0	5.5	8.2	13.7	16.5	19.2
	87.5°	0.0	2.7	5.5	8.2	11.0	16.5	22.0	27.4	30.2	32.9
	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: P1049098

CATALOG NUMBER: GALN-SA9B-760-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
159.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
192.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
2.7											
11.0											
24.7											
35.7											
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REPORT NUMBER: P1049098

CATALOG NUMBER: GALN-SA9B-760-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2
0.0	2.5°	194.8	194.8	194.8	194.8	192.1	192.1	192.1	189.3	189.3	186.6
0.0	5°	178.4	181.1	181.1	181.1	181.1	181.1	181.1	181.1	178.4	178.4
0.0	7.5°	164.6	167.4	170.1	170.1	172.9	172.9	172.9	170.1	170.1	167.4
0.0	10°	156.4	159.2	159.2	161.9	161.9	161.9	161.9	161.9	161.9	161.9
0.0	12.5°	145.4	148.2	150.9	150.9	153.7	153.7	153.7	153.7	150.9	150.9
0.0	15°	131.7	137.2	139.9	142.7	142.7	145.4	145.4	145.4	145.4	145.4
0.0	17.5°	120.7	126.2	129.0	131.7	131.7	134.5	134.5	137.2	137.2	137.2
0.0	20°	98.8	104.3	107.0	112.5	115.2	118.0	120.7	123.5	123.5	126.2
0.0	22.5°	76.8	82.3	85.1	90.6	93.3	96.0	98.8	101.5	104.3	107.0
0.0	25°	54.9	60.4	63.1	68.6	71.3	74.1	76.8	79.6	79.6	82.3
0.0	27.5°	30.2	35.7	41.2	43.9	49.4	52.1	54.9	57.6	60.4	63.1
0.0	30°	13.7	16.5	19.2	24.7	27.4	30.2	32.9	38.4	41.2	43.9
0.0	32.5°	0.0	0.0	2.7	8.2	11.0	13.7	16.5	19.2	19.2	22.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.7	5.5	8.2	11.0
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°	5.5	5.5	5.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2
	82.5°	13.7	16.5	19.2	19.2	22.0	22.0	22.0	22.0	19.2	19.2
	85°	27.4	30.2	32.9	32.9	35.7	35.7	35.7	35.7	35.7	35.7
	87.5°	38.4	41.2	43.9	43.9	46.6	46.6	46.6	46.6	46.6	46.6
	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

REPORT NUMBER: P1049098

CATALOG NUMBER: GALN-SA9B-760-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
159.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
186.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.5	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											
0.0											
0.0											
8.2											
19.2											
35.7											
46.6											
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REPORT NUMBER: P1049098

CATALOG NUMBER: GALN-SA9B-760-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°	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2
0.0	2.5°	183.8	183.8	181.1	181.1	181.1	181.1	181.1	183.8	186.6	186.6
0.0	5°	175.6	175.6	172.9	172.9	172.9	175.6	175.6	178.4	181.1	183.8
0.0	7.5°	167.4	164.6	164.6	167.4	167.4	170.1	170.1	172.9	175.6	178.4
0.0	10°	161.9	159.2	159.2	159.2	161.9	161.9	164.6	167.4	170.1	172.9
0.0	12.5°	150.9	150.9	150.9	150.9	153.7	153.7	156.4	159.2	164.6	167.4
0.0	15°	145.4	142.7	142.7	142.7	142.7	145.4	145.4	150.9	156.4	159.2
0.0	17.5°	134.5	134.5	131.7	131.7	134.5	134.5	137.2	142.7	148.2	150.9
0.0	20°	123.5	120.7	118.0	118.0	120.7	120.7	123.5	129.0	134.5	137.2
0.0	22.5°	107.0	104.3	104.3	104.3	104.3	107.0	107.0	112.5	120.7	126.2
0.0	25°	85.1	87.8	87.8	90.6	90.6	93.3	96.0	101.5	109.8	115.2
0.0	27.5°	65.9	68.6	68.6	74.1	76.8	79.6	82.3	90.6	98.8	104.3
0.0	30°	49.4	52.1	54.9	57.6	63.1	68.6	74.1	82.3	90.6	96.0
0.0	32.5°	30.2	35.7	38.4	43.9	49.4	54.9	60.4	68.6	79.6	87.8
0.0	35°	22.0	24.7	30.2	32.9	38.4	43.9	49.4	60.4	68.6	79.6
0.0	37.5°	11.0	16.5	22.0	27.4	32.9	38.4	43.9	54.9	65.9	74.1
0.0	40°	8.2	13.7	16.5	22.0	30.2	35.7	41.2	52.1	63.1	74.1
0.0	42.5°	5.5	8.2	11.0	19.2	24.7	32.9	41.2	52.1	63.1	74.1
0.0	45°	5.5	5.5	8.2	16.5	24.7	35.7	43.9	54.9	63.1	74.1
0.0	47.5°	5.5	8.2	11.0	22.0	27.4	35.7	43.9	52.1	63.1	71.3
0.0	50°	8.2	11.0	13.7	24.7	30.2	38.4	43.9	54.9	63.1	74.1
0.0	52.5°	5.5	8.2	11.0	22.0	30.2	41.2	49.4	60.4	71.3	79.6
0.0	55°	2.7	2.7	2.7	16.5	32.9	46.6	63.1	71.3	82.3	90.6
0.0	57.5°	0.0	0.0	0.0	11.0	32.9	52.1	71.3	82.3	93.3	101.5
0.0	60°	0.0	0.0	0.0	11.0	32.9	52.1	71.3	85.1	98.8	112.5
0.0	62.5°	0.0	0.0	0.0	11.0	27.4	43.9	60.4	82.3	107.0	129.0
0.0	65°	0.0	0.0	0.0	8.2	22.0	35.7	49.4	82.3	115.2	145.4
0.0	67.5°	0.0	0.0	0.0	8.2	22.0	32.9	46.6	82.3	115.2	150.9
	70°	0.0	0.0	0.0	8.2	22.0	35.7	49.4	82.3	115.2	148.2
	72.5°	0.0	0.0	0.0	8.2	24.7	38.4	54.9	82.3	109.8	137.2
	75°	0.0	0.0	0.0	11.0	24.7	41.2	57.6	82.3	107.0	129.0
	77.5°	0.0	0.0	0.0	8.2	24.7	38.4	54.9	79.6	104.3	126.2
	80°	8.2	5.5	5.5	13.7	24.7	35.7	46.6	71.3	98.8	123.5
	82.5°	16.5	16.5	13.7	19.2	24.7	32.9	41.2	63.1	87.8	109.8
	85°	32.9	32.9	30.2	32.9	32.9	35.7	38.4	49.4	60.4	71.3
	87.5°	43.9	43.9	41.2	41.2	41.2	38.4	38.4	38.4	38.4	35.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
159.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
189.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
186.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
181.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
181.1											
164.6											
153.7											
150.9											
148.2											
131.7											
82.3											
35.7											
0.0											
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CATALOG NUMBER: GALN-SA9B-760-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2
0.0	2.5°	192.1	194.8	194.8	197.6	200.3	203.1	203.1	205.8	205.8	205.8
0.0	5°	189.3	194.8	197.6	200.3	203.1	205.8	208.5	211.3	214.0	214.0
0.0	7.5°	186.6	189.3	194.8	197.6	203.1	205.8	211.3	214.0	216.8	219.5
0.0	10°	181.1	186.6	192.1	197.6	203.1	208.5	214.0	219.5	225.0	227.8
0.0	12.5°	175.6	183.8	189.3	194.8	203.1	211.3	216.8	225.0	230.5	236.0
0.0	15°	172.9	178.4	186.6	192.1	203.1	214.0	222.3	233.2	244.2	252.4
0.0	17.5°	164.6	175.6	183.8	192.1	203.1	216.8	227.8	238.7	255.2	271.7
0.0	20°	153.7	161.9	172.9	181.1	197.6	211.3	227.8	241.5	266.2	290.9
0.0	22.5°	142.7	153.7	161.9	172.9	192.1	208.5	227.8	244.2	285.4	323.8
0.0	25°	131.7	145.4	156.4	167.4	189.3	211.3	233.2	255.2	323.8	392.4
0.0	27.5°	126.2	137.2	150.9	161.9	189.3	219.5	247.0	274.4	384.2	491.2
0.0	30°	118.0	131.7	142.7	156.4	192.1	227.8	263.4	299.1	466.5	633.9
0.0	32.5°	109.8	123.5	137.2	150.9	197.6	244.2	288.1	334.8	554.3	771.1
0.0	35°	101.5	118.0	131.7	145.4	205.8	268.9	329.3	389.6	633.9	875.3
0.0	37.5°	98.8	115.2	129.0	142.7	208.5	271.7	337.5	400.6	642.1	883.6
0.0	40°	101.5	115.2	131.7	145.4	200.3	255.2	307.3	362.2	614.7	864.4
0.0	42.5°	101.5	118.0	134.5	150.9	194.8	238.7	282.6	326.5	606.4	886.3
0.0	45°	98.8	115.2	131.7	148.2	189.3	227.8	268.9	307.3	655.8	1001.6
0.0	47.5°	96.0	112.5	129.0	145.4	186.6	227.8	268.9	310.1	847.9	1383.0
0.0	50°	96.0	112.5	126.2	139.9	189.3	241.5	290.9	340.3	1234.8	2126.6
0.0	52.5°	101.5	115.2	126.2	137.2	194.8	255.2	312.8	370.4	1569.6	2766.0
0.0	55°	109.8	118.0	129.0	137.2	208.5	277.1	348.5	417.1	1671.1	2925.1
0.0	57.5°	120.7	129.0	137.2	145.4	233.2	321.0	406.1	493.9	1679.3	2862.0
0.0	60°	134.5	145.4	153.7	161.9	255.2	351.2	444.5	537.8	1520.2	2499.8
0.0	62.5°	164.6	178.4	189.3	203.1	293.6	381.4	472.0	559.8	1262.2	1964.7
0.0	65°	189.3	200.3	211.3	222.3	310.1	400.6	488.4	576.2	1070.2	1564.1
0.0	67.5°	194.8	205.8	214.0	225.0	315.6	406.1	493.9	584.5	916.5	1245.8
	70°	197.6	211.3	227.8	241.5	334.8	428.1	518.6	611.9	812.2	1012.5
	72.5°	189.3	216.8	241.5	266.2	354.0	439.0	526.8	611.9	754.6	897.3
	75°	189.3	227.8	263.4	299.1	365.0	428.1	493.9	557.0	666.8	776.6
	77.5°	200.3	249.7	299.1	348.5	386.9	422.6	461.0	496.7	568.0	639.4
	80°	200.3	252.4	301.8	354.0	370.4	389.6	406.1	422.6	430.8	439.0
	82.5°	172.9	214.0	255.2	296.4	277.1	257.9	238.7	219.5	205.8	189.3
	85°	87.8	96.0	101.5	107.0	98.8	90.6	82.3	74.1	68.6	60.4
	87.5°	35.7	35.7	32.9	32.9	32.9	32.9	30.2	30.2	30.2	30.2
	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-760-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
159.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
205.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
214.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
222.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
233.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
244.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
266.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
293.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
337.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
430.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
584.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
812.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1374.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1561.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1701.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1841.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2115.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2664.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4061.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6220.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7831.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8009.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7227.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6179.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4829.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3649.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2694.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1907.1											
1418.7											
1031.7											
776.6											
436.3											
197.6											
57.6											
27.4											
0.0											
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REPORT NUMBER: P1049098

CATALOG NUMBER: GALN-SA9B-760-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°	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2
0.0	2.5°	205.8	203.1	203.1	200.3	197.6	194.8	192.1	189.3	186.6	183.8
0.0	5°	214.0	214.0	214.0	211.3	211.3	208.5	208.5	205.8	203.1	200.3
0.0	7.5°	222.3	225.0	225.0	227.8	227.8	227.8	227.8	225.0	225.0	225.0
0.0	10°	236.0	238.7	241.5	244.2	247.0	249.7	249.7	252.4	252.4	252.4
0.0	12.5°	252.4	260.7	266.2	274.4	279.9	288.1	293.6	301.8	307.3	312.8
0.0	15°	277.1	290.9	307.3	321.0	334.8	354.0	375.9	395.1	414.3	444.5
0.0	17.5°	312.8	356.7	400.6	441.8	485.7	581.7	677.8	771.1	867.1	1007.0
0.0	20°	381.4	513.1	642.1	773.8	902.8	1240.3	1575.1	1912.6	2247.3	2606.8
0.0	22.5°	535.1	858.9	1182.7	1506.5	1830.3	2535.5	3237.9	3943.1	4645.6	5471.5
0.0	25°	776.6	1372.0	1967.5	2560.2	3155.6	4258.7	5364.5	6467.6	7570.7	8643.6
0.0	27.5°	1130.5	2041.5	2952.5	3860.8	4771.8	6267.3	7765.5	9261.0	10756.5	11969.3
0.0	30°	1566.8	2801.6	4036.4	5271.2	6506.0	8207.3	9908.6	11607.1	13308.4	14633.8
0.0	32.5°	1978.4	3490.4	5002.3	6511.5	8023.5	9960.7	11900.7	13838.0	15775.3	17224.1
0.0	35°	2247.3	4074.8	5905.1	7732.6	9560.1	11656.5	13752.9	15846.6	17943.0	19597.7
0.0	37.5°	2516.3	4626.4	6733.8	8843.9	10951.3	13253.5	15555.8	17858.0	20160.2	22204.5
0.0	40°	2818.1	5293.2	7765.5	10240.6	12713.0	15440.5	18165.3	20892.8	23617.6	26501.6
0.0	42.5°	3342.2	6399.0	9458.6	12515.4	15572.2	19180.6	22789.0	26394.6	30002.9	34118.9
0.0	45°	4327.3	8635.4	12946.2	17254.3	21562.4	26342.4	31125.2	35905.3	40685.3	46162.4
0.0	47.5°	6739.3	12666.3	18590.6	24517.7	30442.0	35603.5	40762.2	45923.7	51082.4	56537.5
0.0	50°	10312.0	17210.4	24108.8	31004.5	37902.9	42573.2	47240.8	51911.1	56578.6	61767.5
0.0	52.5°	12896.8	20083.4	27272.7	34459.2	41645.7	45860.5	50078.1	54292.9	58507.7	63356.3
0.0	55°	13091.6	20237.0	27385.2	34530.5	41675.9	45909.9	50143.9	54377.9	58611.9	63751.4
0.0	57.5°	11590.7	18678.4	25763.5	32851.2	39936.2	44757.4	49575.9	54397.1	59215.6	64772.2
0.0	60°	9859.2	16949.7	24037.5	31128.0	38215.7	43769.6	49326.2	54880.1	60433.9	65639.3
0.0	62.5°	7691.4	14985.0	22281.3	29574.9	36868.4	42507.4	48146.3	53782.5	59421.4	63326.1
0.0	65°	5732.2	12814.5	19896.8	26976.3	34058.6	38575.2	43091.8	47605.7	52122.4	54539.8
0.0	67.5°	4143.4	10251.6	16357.0	22465.2	28570.6	31803.0	35035.4	38265.1	41497.6	43347.0
	70°	2801.6	7032.9	11261.4	15492.6	19721.2	22377.4	25036.3	27692.5	30348.7	32845.7
	72.5°	1940.0	4316.3	6695.4	9071.7	11448.0	14120.6	16790.6	19463.2	22133.1	24775.6
	75°	1286.9	2368.1	3452.0	4533.1	5614.2	7592.7	9573.8	11552.3	13530.7	15105.7
	77.5°	913.8	1237.5	1564.1	1887.9	2211.7	2582.1	2955.3	3325.7	3696.2	4258.7
	80°	433.6	474.7	515.9	554.3	595.4	729.9	864.4	998.8	1133.3	1276.0
	82.5°	205.8	222.3	238.7	252.4	268.9	282.6	296.4	310.1	323.8	310.1
	85°	54.9	54.9	57.6	57.6	57.6	57.6	57.6	57.6	57.6	54.9
	87.5°	24.7	24.7	24.7	24.7	24.7	24.7	24.7	22.0	22.0	19.2
	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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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
159.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
181.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
222.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
255.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
315.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
477.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1144.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2969.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6297.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9716.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13182.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15961.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18675.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21252.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24251.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29385.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38235.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51639.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61992.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66956.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68205.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68893.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70328.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70842.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67233.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56960.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45199.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35340.0											
27418.1											
16680.8											
4821.2											
1418.7											
293.6											
52.1											
19.2											
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°	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2
0.0	2.5°	178.4	175.6	172.9	170.1	167.4	161.9	161.9	159.2	159.2
0.0	5°	194.8	192.1	189.3	186.6	186.6	183.8	181.1	181.1	178.4
0.0	7.5°	222.3	219.5	216.8	214.0	214.0	211.3	211.3	208.5	208.5
0.0	10°	255.2	255.2	255.2	255.2	255.2	252.4	252.4	252.4	249.7
0.0	12.5°	321.0	323.8	329.3	334.8	343.0	343.0	343.0	340.3	340.3
0.0	15°	507.6	537.8	559.8	581.7	600.9	644.8	639.4	631.1	625.6
0.0	17.5°	1284.2	1421.4	1495.5	1566.8	1640.9	1844.0	1811.0	1778.1	1747.9
0.0	20°	3328.5	3687.9	3926.7	4165.4	4406.9	4788.3	4695.0	4601.7	4508.4
0.0	22.5°	7120.7	7946.6	8306.1	8665.6	9022.3	9483.3	9184.2	8885.1	8588.7
0.0	25°	10786.7	11859.6	12466.0	13072.4	13676.1	13939.5	13549.9	13157.5	12767.9
0.0	27.5°	14395.0	15607.9	16143.0	16675.3	17210.4	17761.9	17279.0	16793.3	16310.4
0.0	30°	17287.2	18612.6	19191.6	19767.8	20346.8	20731.0	20231.5	19729.4	19230.0
0.0	32.5°	20124.5	21573.4	22207.2	22841.1	23472.2	24023.8	23409.1	22791.7	22177.0
0.0	35°	22904.2	24558.8	25431.4	26304.0	27176.6	27689.7	26959.8	26227.2	25497.3
0.0	37.5°	26295.8	28340.1	29316.9	30293.8	31270.7	32206.4	31402.4	30595.6	29791.7
0.0	40°	32269.5	35153.4	36651.7	38152.6	39650.9	40858.2	39842.9	38827.7	37812.4
0.0	42.5°	42351.0	46467.0	48621.0	50772.3	52926.3	54811.5	53744.1	52676.6	51609.2
0.0	45°	57116.4	62593.5	65219.5	67842.8	70468.8	71846.3	70309.6	68770.2	67233.6
0.0	47.5°	67444.9	72900.0	75237.8	77575.7	79913.6	81485.9	79606.3	77726.7	75849.8
0.0	50°	72142.6	77331.5	79677.6	82021.0	84367.1	85615.7	83445.2	81271.9	79101.4
0.0	52.5°	73050.9	77899.5	80698.4	83500.0	86298.9	87967.3	85404.4	82838.7	80275.8
0.0	55°	74033.2	79172.7	82418.9	85667.8	88914.0	91224.4	88326.7	85426.3	82528.7
0.0	57.5°	75882.7	81439.3	84677.2	87912.4	91150.3	93112.3	90206.4	87297.7	84391.8
0.0	60°	76047.3	81250.0	84032.4	86817.5	89600.0	90834.8	88055.1	85272.7	82493.0
0.0	62.5°	71138.3	75043.0	76974.8	78906.6	80838.4	82180.2	79279.8	76376.6	73476.2
0.0	65°	59377.5	61795.0	63334.4	64873.7	66413.1	68012.9	65356.7	62700.5	60044.3
0.0	67.5°	47048.7	48898.2	50926.0	52953.8	54981.6	56691.1	54564.5	52435.2	50308.6
	70°	37837.1	40331.4	42611.6	44891.9	47172.2	48571.6	46436.8	44299.2	42164.4
	72.5°	30060.6	32703.0	34607.4	36509.0	38413.3	38756.3	37186.7	35617.2	34050.3
	75°	18253.1	19828.2	19866.6	19902.3	19940.7	20267.2	18966.6	17665.9	16368.0
	77.5°	5383.7	5946.3	6410.0	6871.0	7334.7	7894.5	7417.0	6936.8	6459.4
	80°	1558.6	1701.3	1822.0	1940.0	2060.7	1989.4	1876.9	1764.4	1651.9
	82.5°	279.9	263.4	260.7	257.9	257.9	244.2	222.3	200.3	178.4
	85°	49.4	46.6	43.9	41.2	38.4	35.7	30.2	27.4	22.0
	87.5°	16.5	13.7	11.0	8.2	8.2	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: P1049098

CATALOG NUMBER: GALN-SA9B-760-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°	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2	159.2
0.0	0.0	2.5°	156.4	153.7	153.7	153.7	153.7	150.9	150.9	150.9	150.9
0.0	0.0	5°	172.9	172.9	170.1	170.1	167.4	167.4	164.6	164.6	161.9
0.0	0.0	7.5°	203.1	200.3	197.6	194.8	192.1	186.6	183.8	181.1	181.1
0.0	0.0	10°	244.2	238.7	236.0	230.5	227.8	222.3	216.8	211.3	205.8
0.0	0.0	12.5°	321.0	310.1	301.8	290.9	279.9	271.7	260.7	252.4	241.5
0.0	0.0	15°	557.0	529.6	499.4	463.7	425.3	389.6	351.2	329.3	304.6
0.0	0.0	17.5°	1424.1	1281.4	1136.0	1018.0	900.0	784.8	666.8	581.7	496.7
0.0	0.0	20°	3624.8	3229.7	2834.6	2444.9	2052.5	1662.9	1270.5	1072.9	875.3
0.0	0.0	22.5°	6821.6	6088.9	5353.6	4642.9	3929.4	3218.7	2508.0	2060.7	1616.2
0.0	0.0	25°	10528.7	9606.8	8684.8	7515.8	6344.1	5175.2	4006.2	3279.1	2551.9
0.0	0.0	27.5°	13700.8	12638.9	11577.0	10155.6	8734.2	7312.8	5891.4	4807.5	3726.4
0.0	0.0	30°	16447.6	15306.1	14164.5	12509.9	10855.3	9200.6	7546.0	6190.5	4834.9
0.0	0.0	32.5°	18829.4	17462.8	16096.3	14389.6	12682.8	10976.0	9269.2	7606.4	5943.5
0.0	0.0	35°	21576.1	19981.8	18384.8	16491.5	14595.4	12702.0	10808.6	8931.7	7052.1
0.0	0.0	37.5°	25066.5	23110.0	21150.8	19040.6	16930.5	14823.1	12713.0	10567.2	8421.3
0.0	0.0	40°	31748.1	29223.6	26699.2	24018.3	21334.6	18653.7	15972.8	13338.6	10704.4
0.0	0.0	42.5°	43720.2	40309.4	36898.6	33331.4	29761.5	26194.3	22624.3	18908.9	15190.8
0.0	0.0	45°	57231.7	53000.4	48766.4	44762.9	40756.7	36753.2	32749.7	27651.3	22553.0
0.0	0.0	47.5°	64829.8	60261.1	55692.3	51902.8	48113.4	44323.9	40534.4	35038.2	29541.9
0.0	0.0	50°	67626.0	62974.9	58323.8	54836.2	51345.8	47858.2	44367.8	38863.3	33356.1
0.0	0.0	52.5°	68221.4	63477.0	58732.7	55223.1	51713.5	48206.7	44697.1	39228.3	33759.5
0.0	0.0	55°	69445.3	64355.1	59262.3	55261.5	51260.7	47260.0	43259.2	37702.6	32146.0
0.0	0.0	57.5°	71045.0	65825.9	60606.8	56049.0	51491.2	46936.2	42378.4	36303.2	30227.9
0.0	0.0	60°	70625.2	66083.8	61539.8	56658.2	51773.9	46892.3	42008.0	35326.3	28641.9
0.0	0.0	62.5°	63337.1	59720.5	56101.2	52086.7	48069.5	44055.0	40040.5	33161.3	26282.1
0.0	0.0	65°	52105.9	49466.2	46826.4	43596.7	40364.3	37134.6	33904.9	27736.4	21570.6
0.0	0.0	67.5°	42230.2	39255.7	36278.5	33704.6	31128.0	28554.1	25977.5	21123.3	16269.2
		70°	33550.9	30315.8	27077.8	24564.3	22048.1	19534.6	17021.1	13794.1	10569.9
		72.5°	26644.3	23727.4	20810.5	18129.6	15446.0	12765.1	10081.5	8174.4	6267.3
		75°	12734.9	11568.7	10402.5	9000.3	7598.1	6196.0	4793.8	3962.3	3133.7
		77.5°	4719.7	4091.3	3460.2	2889.4	2318.7	1750.7	1179.9	1081.1	982.4
		80°	1221.1	1064.7	905.5	793.0	677.8	565.3	452.8	408.9	367.7
		82.5°	139.9	129.0	120.7	115.2	107.0	101.5	93.3	85.1	76.8
		85°	8.2	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA9B-760-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049098

CATALOG NUMBER: GALN-SA9B-760-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	159.2	159.2
0.0	0.0	2.5°	148.2	145.4
0.0	0.0	5°	156.4	153.7
0.0	0.0	7.5°	172.9	167.4
0.0	0.0	10°	189.3	183.8
0.0	0.0	12.5°	214.0	205.8
0.0	0.0	15°	241.5	225.0
0.0	0.0	17.5°	288.1	252.4
0.0	0.0	20°	389.6	299.1
0.0	0.0	22.5°	548.8	373.2
0.0	0.0	25°	806.7	515.9
0.0	0.0	27.5°	1122.3	686.0
0.0	0.0	30°	1492.7	858.9
0.0	0.0	32.5°	1819.3	1023.5
0.0	0.0	35°	2244.6	1190.9
0.0	0.0	37.5°	2768.7	1404.9
0.0	0.0	40°	3580.9	1728.7
0.0	0.0	42.5°	5043.5	2326.9
0.0	0.0	45°	8190.9	4022.7
0.0	0.0	47.5°	12603.2	6654.2
0.0	0.0	50°	15418.6	8492.7
0.0	0.0	52.5°	15649.1	8479.0
0.0	0.0	55°	14285.3	7537.8
0.0	0.0	57.5°	12188.9	6300.2
0.0	0.0	60°	10130.9	4983.1
0.0	0.0	62.5°	7982.3	3441.0
0.0	0.0	65°	5833.8	2433.9
0.0	0.0	67.5°	4190.1	1819.3
		70°	2755.0	1394.0
		72.5°	1794.6	1136.0
		75°	1207.4	941.2
		77.5°	705.2	625.6
		80°	249.7	219.5
		82.5°	46.6	32.9
		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: P1049098
CATALOG NUMBER: GALN-SA9B-760-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: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-757-U-5WQ

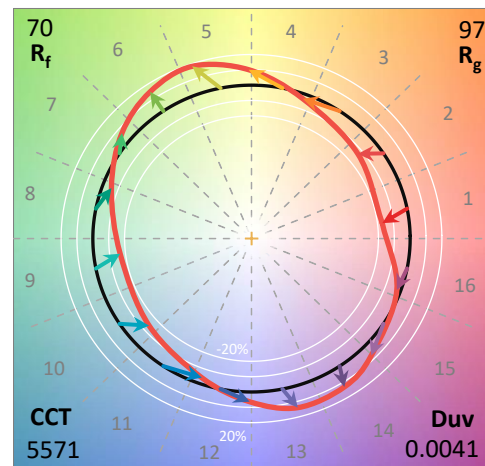
Data in this report applies to families of products including GSS-SB1A-757-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-7
 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-757-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5700K CCT 26 LEDS

Spectral Parameters

CCT (K):	5571	CRI (Ra):	69.9		
CIE u':	0.2033	R1:	68.8	R9:	-35.4
CIE v':	0.4806	R2:	72.5	R10:	36.7
Duv:	0.0041	R3:	76.8	R11:	73.9
CIE x:	0.3308	R4:	72.0	R12:	47.8
CIE y:	0.3476	R5:	70.9	R13:	68.0
CIE z:	0.3216	R6:	65.6	R14:	87.0
Peak Wavelength (nm):	442	R7:	75.5	R15:	59.8
Dominant Wavelength (nm):	544	R8:	56.8		
Purity:	3.635698				
Rf:	70.4				
Rg:	97.1				



Test Conditions

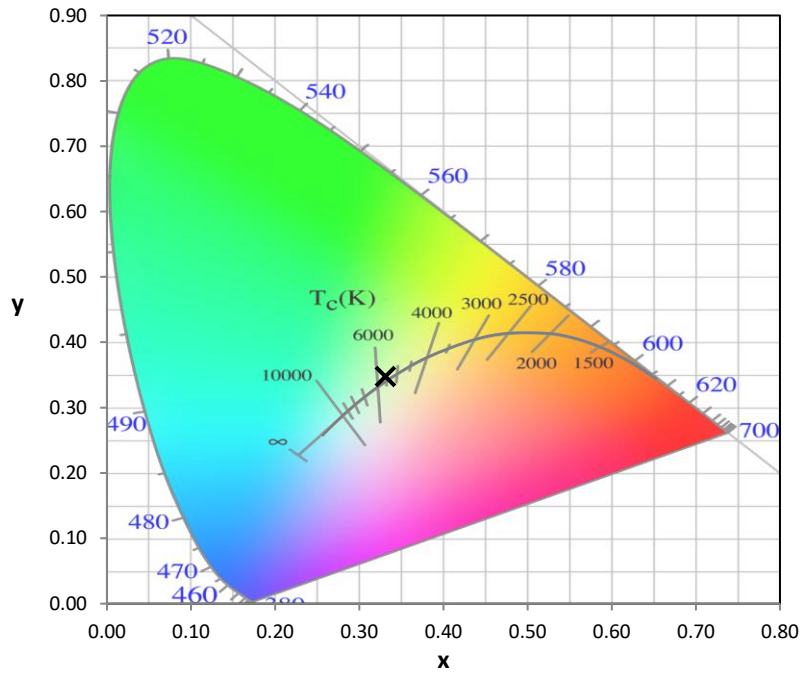
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-7

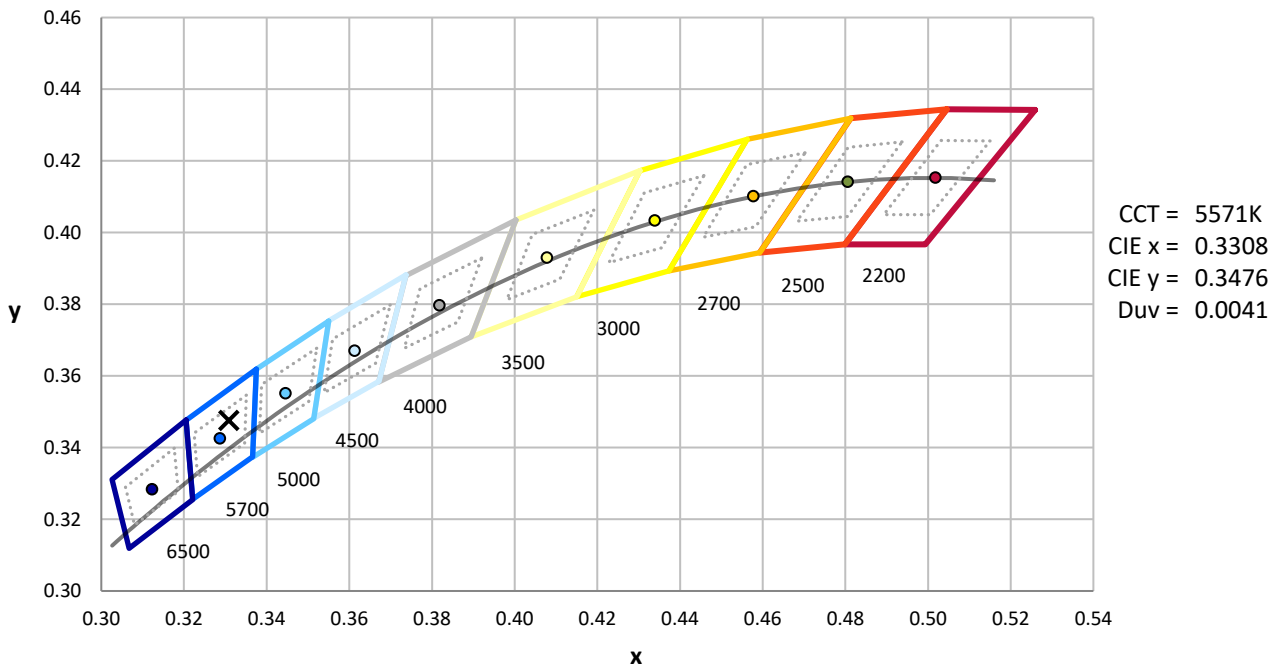
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-7

CIE 1931 Chromaticity Diagram



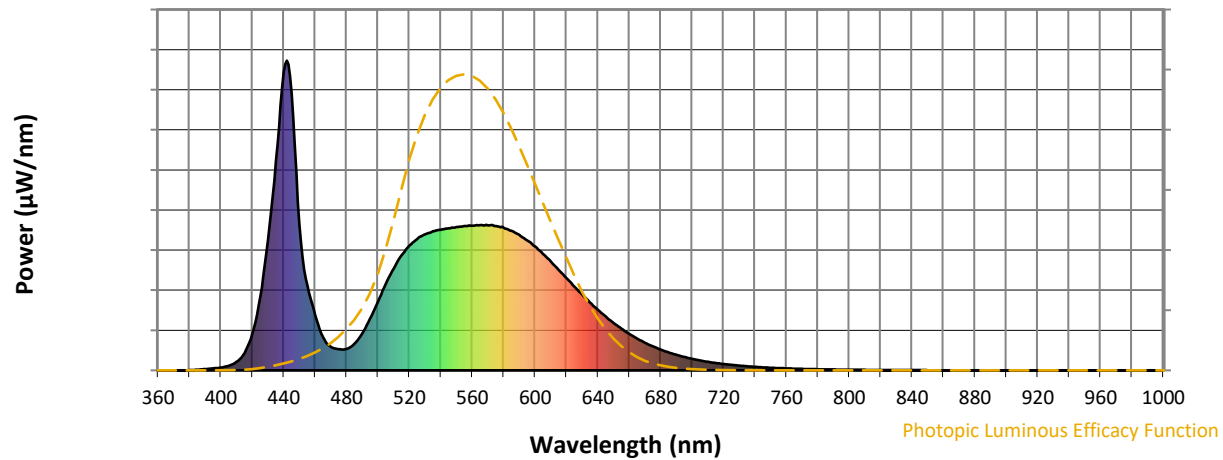
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-7

Photopic Flux vs. Wavelength

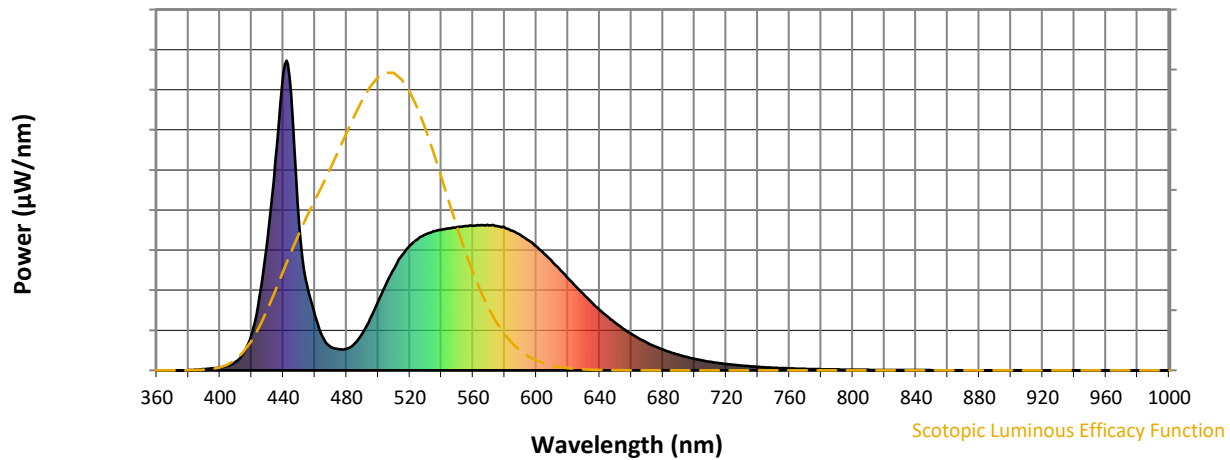


Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-7

Scotopic Flux vs. Wavelength



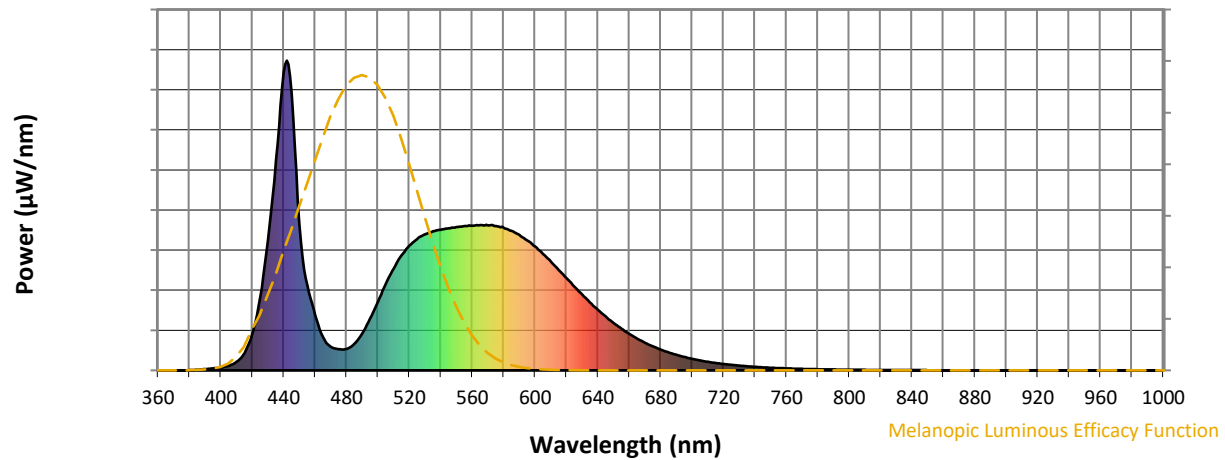
Scotopic Lumens: NR

S/P: 1.84

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-7

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.71

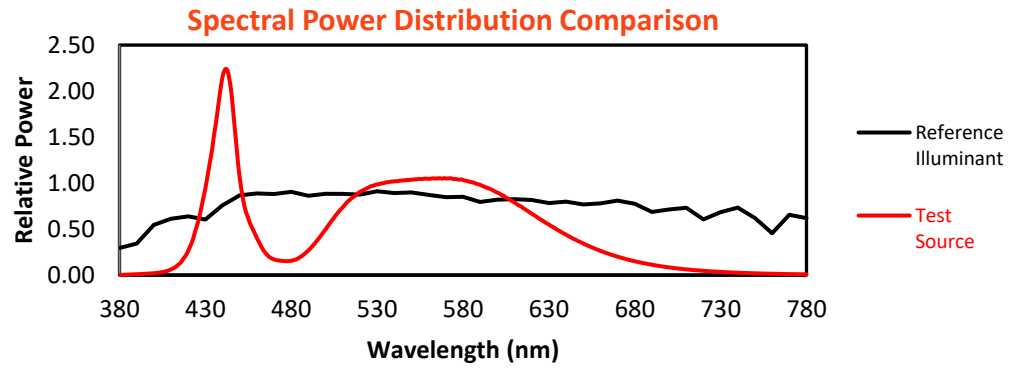
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-7

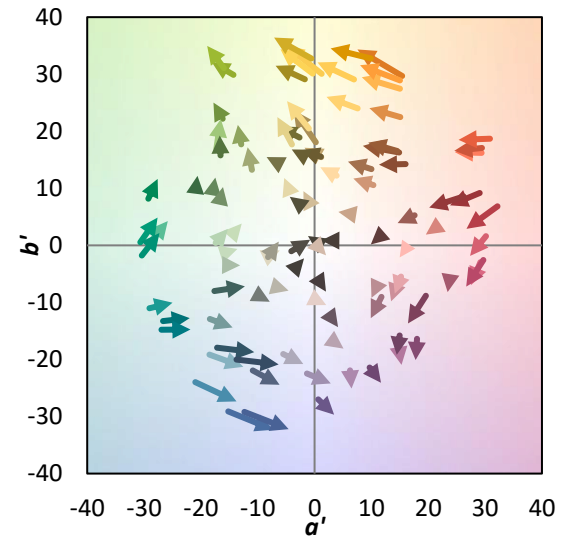
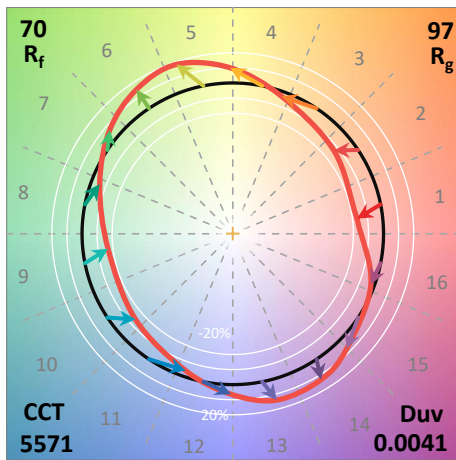
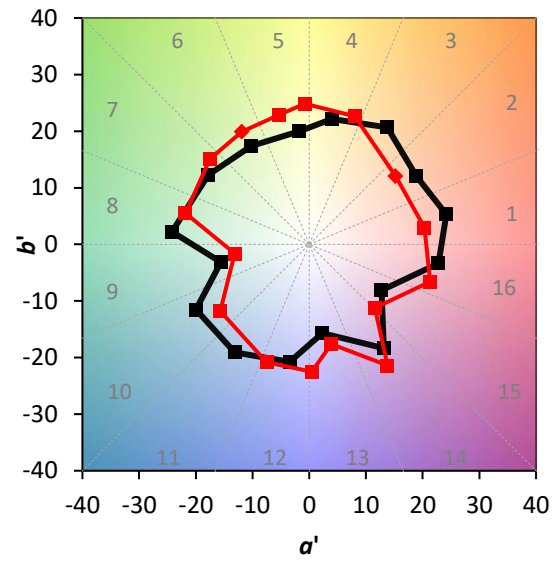
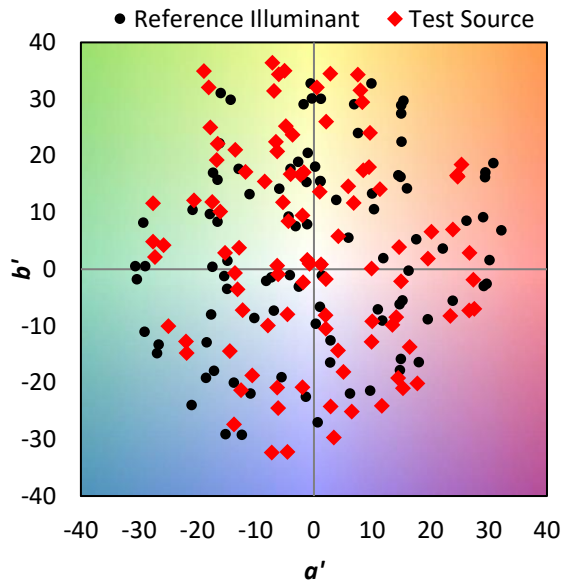
TM-30-18

Summary

$R_f = 70.4$
 $R_g = 97.1$
 $CIE R_a = 69.9$
 $R_g = -35.4$

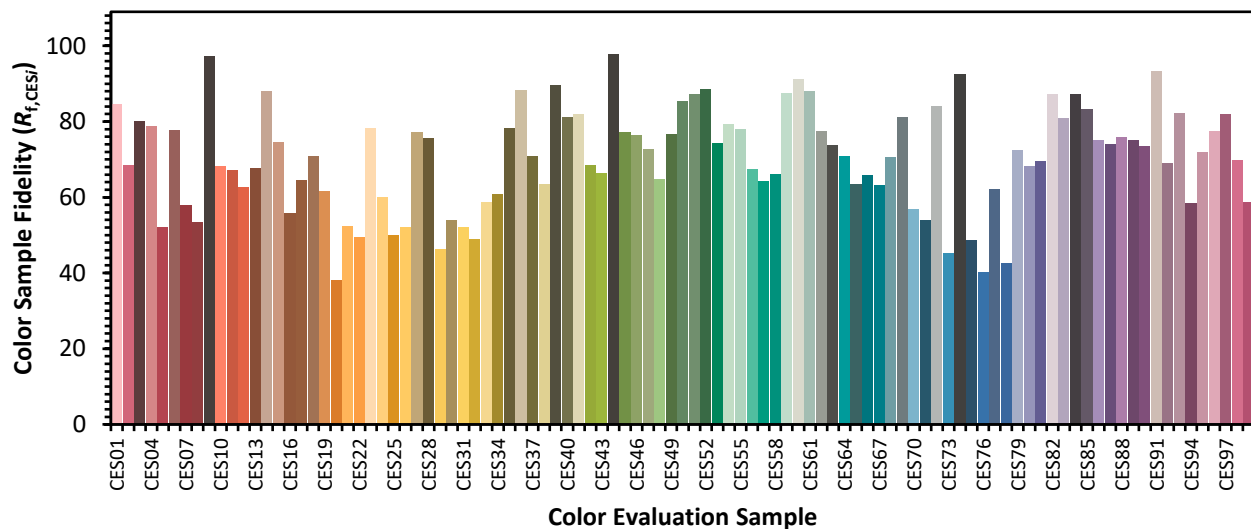


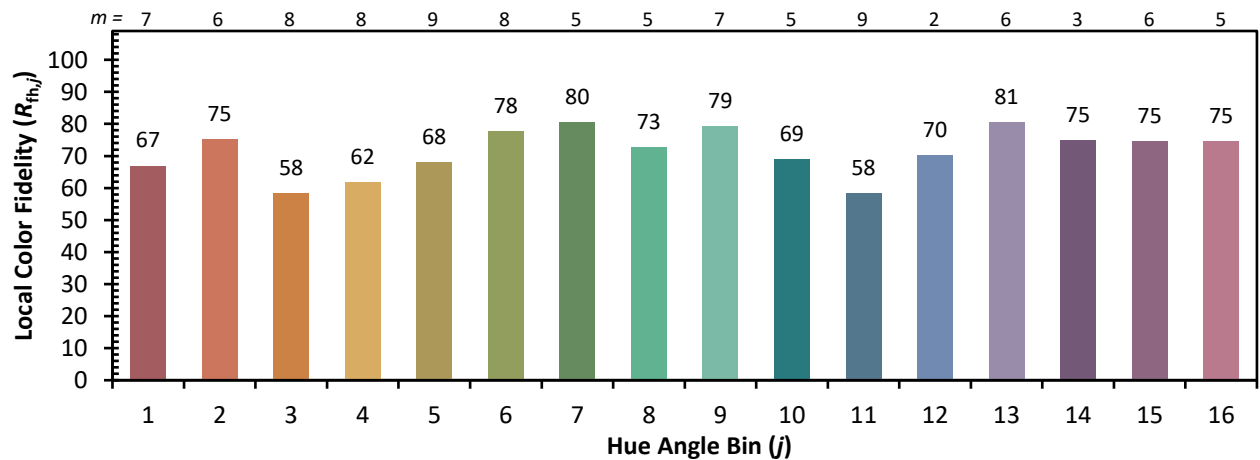
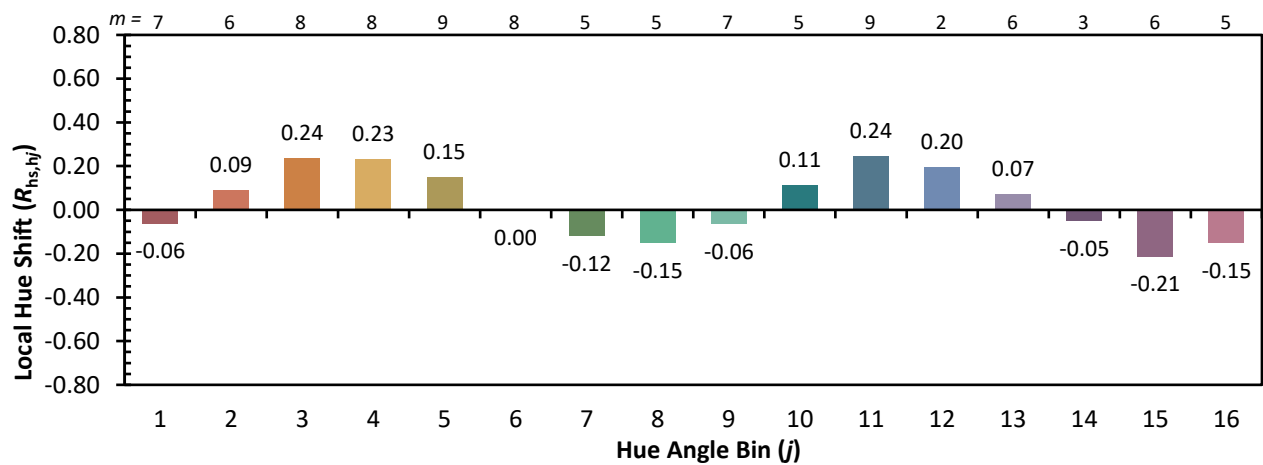
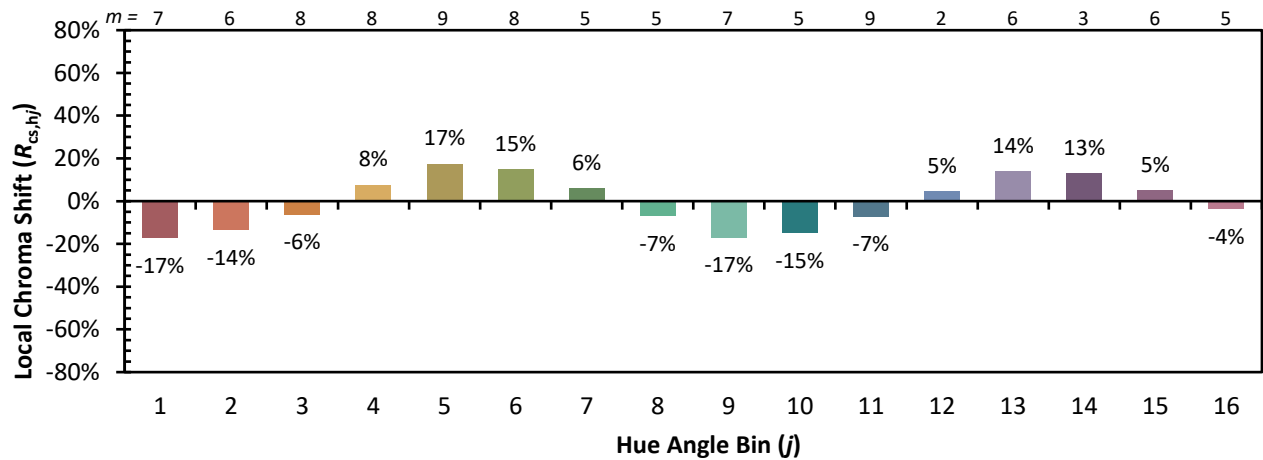
Color Vector Graphics



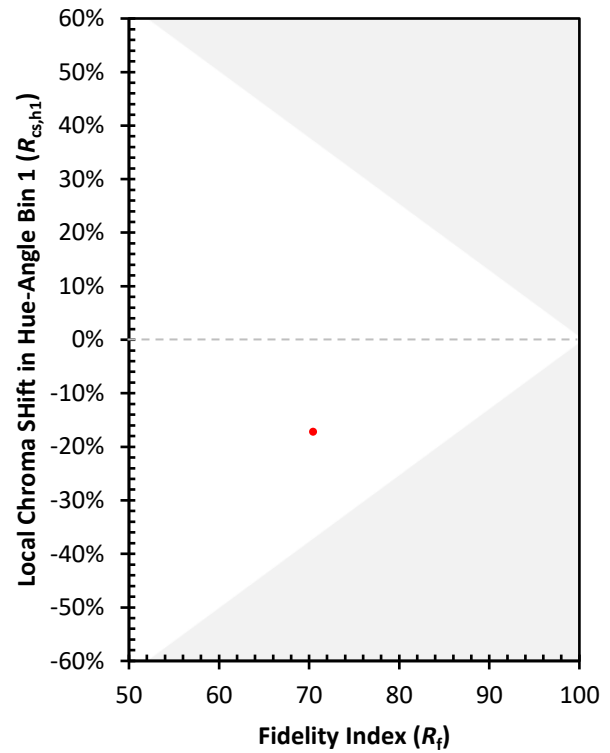
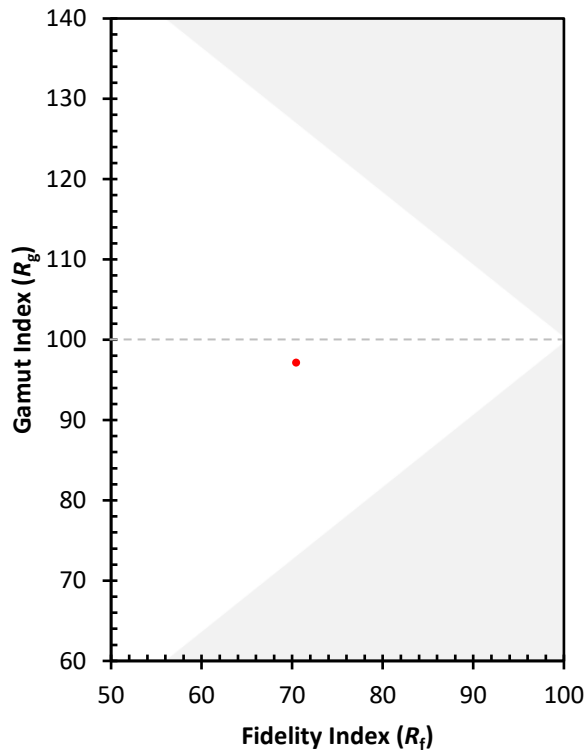
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 87
CES08 = 37	CES33 = 59	CES58 = 66	CES83 = 81
CES09 = 29	CES34 = 61	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 78	CES60 = 91	CES85 = 83
CES11 = 55	CES36 = 88	CES61 = 88	CES86 = 75
CES12 = 61	CES37 = 71	CES62 = 77	CES87 = 74
CES13 = 41	CES38 = 64	CES63 = 74	CES88 = 76
CES14 = 74	CES39 = 90	CES64 = 71	CES89 = 75
CES15 = 70	CES40 = 81	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 82	CES66 = 66	CES91 = 93
CES17 = 48	CES42 = 69	CES67 = 63	CES92 = 69
CES18 = 55	CES43 = 67	CES68 = 71	CES93 = 82
CES19 = 70	CES44 = 98	CES69 = 81	CES94 = 58
CES20 = 63	CES45 = 77	CES70 = 57	CES95 = 72
CES21 = 85	CES46 = 76	CES71 = 54	CES96 = 78
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 45	CES98 = 70
CES24 = 90	CES49 = 77	CES74 = 92	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)