

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: P1048975

Luminaire Tested: **GALN-SA5C-730-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048975
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5C-730-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE
70CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24525.2 lumens
Efficiency: N/A
Efficacy: 103.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

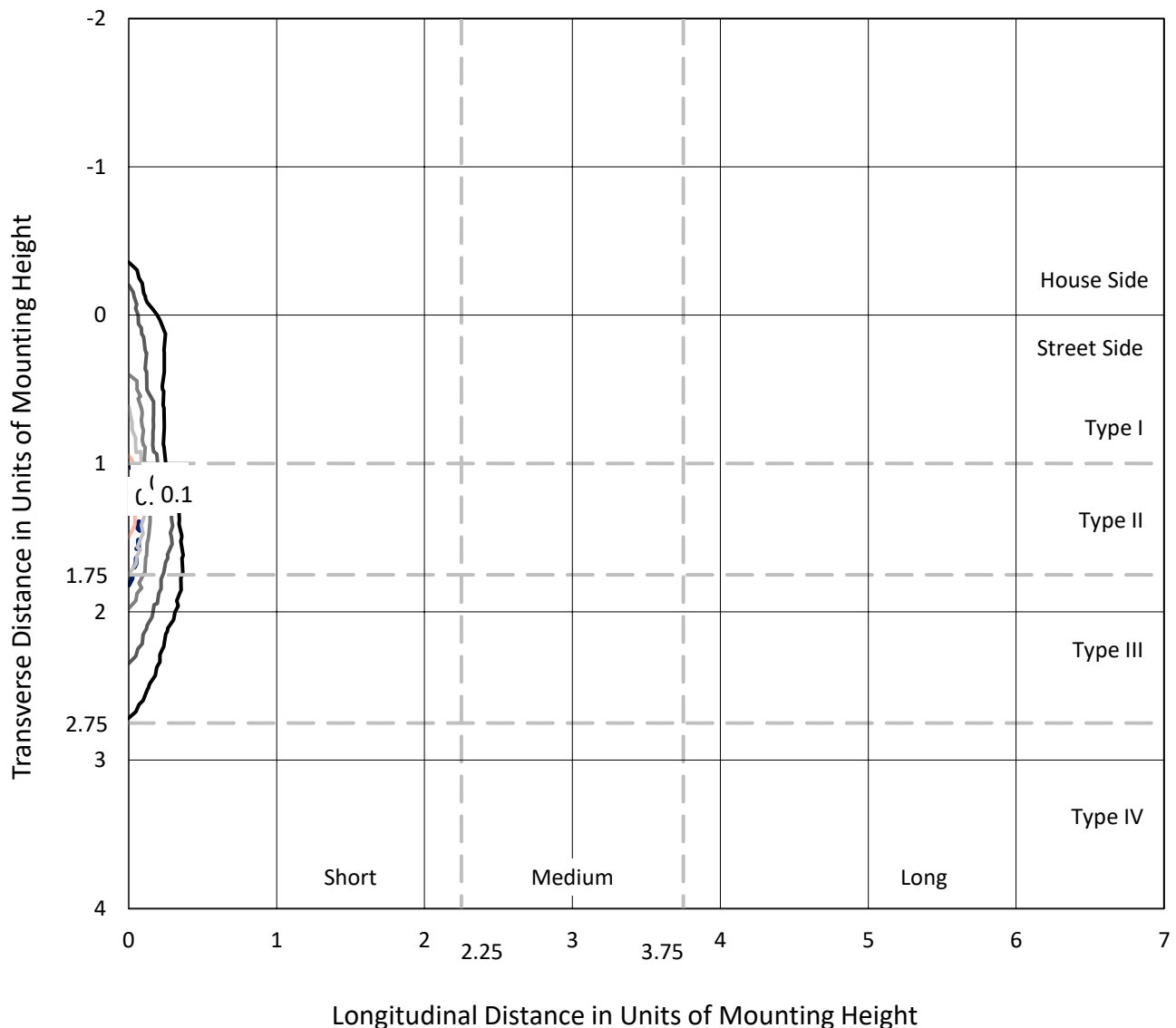
Input Watts (W): 236
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

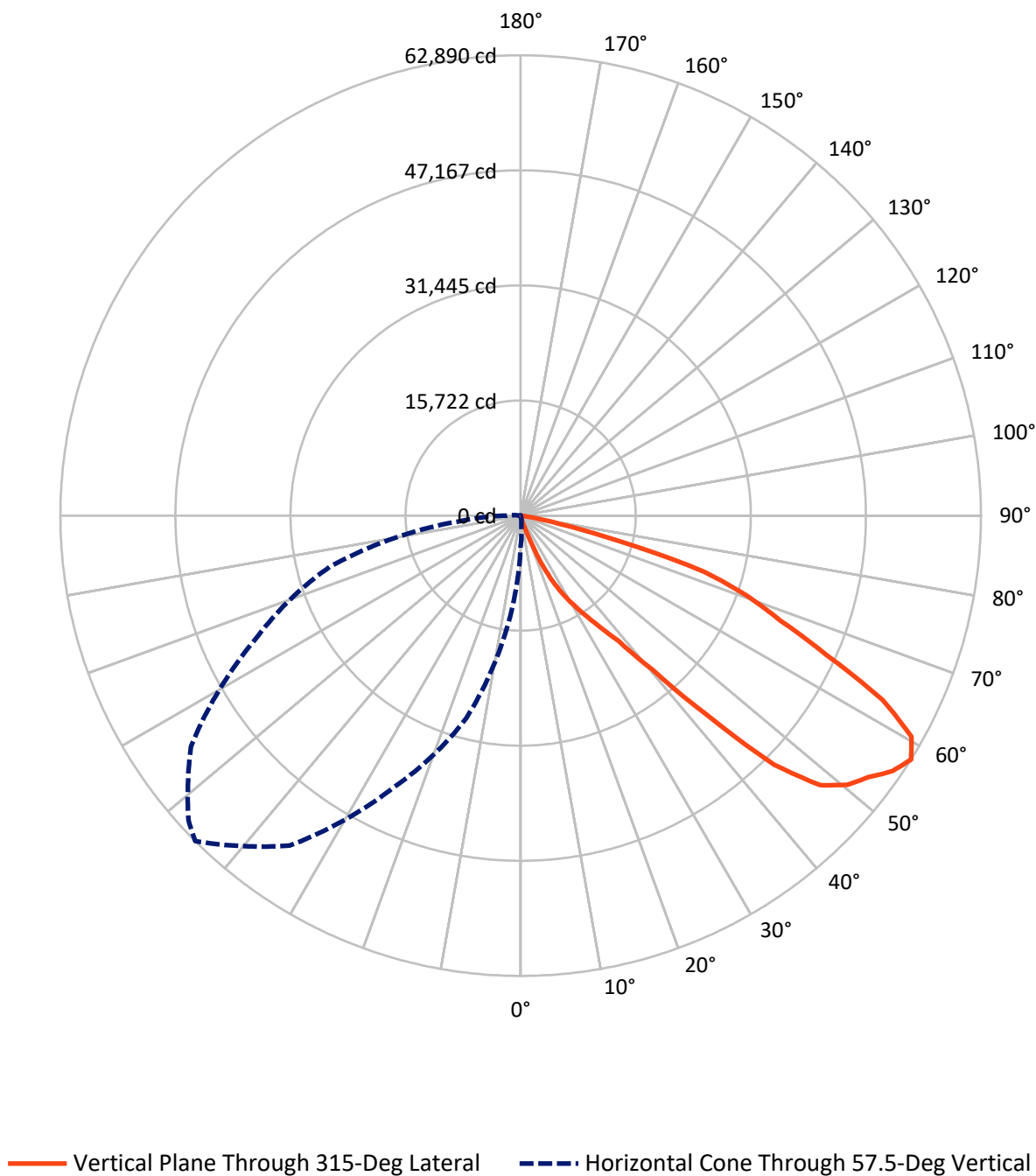


Based on 20 foot mounting height. Maximum calculated value = 3.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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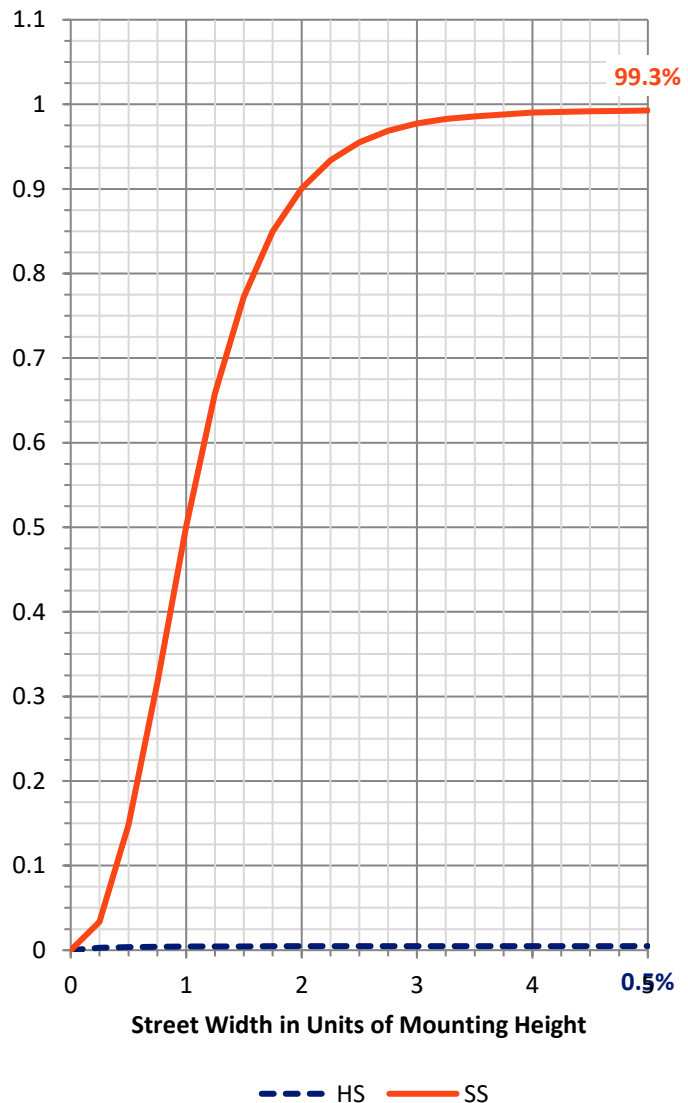
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	122.8	0.0	122.8
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	24402.4	0.0	24402.4
	% Fixture	99.5	0.0	99.5
Total	Lumens	24525.2	0.0	24525.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.6	0.0
10°-20°	53.9	0.2
20°-30°	581.2	2.4
30°-40°	1718.7	7.0
40°-50°	5122.3	20.9
50°-60°	8122.2	33.1
60°-70°	6780.0	27.6
70°-80°	2090.7	8.5
80°-90°	46.5	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°	24525.2	100.0
0°-180°	24525.2	100.0



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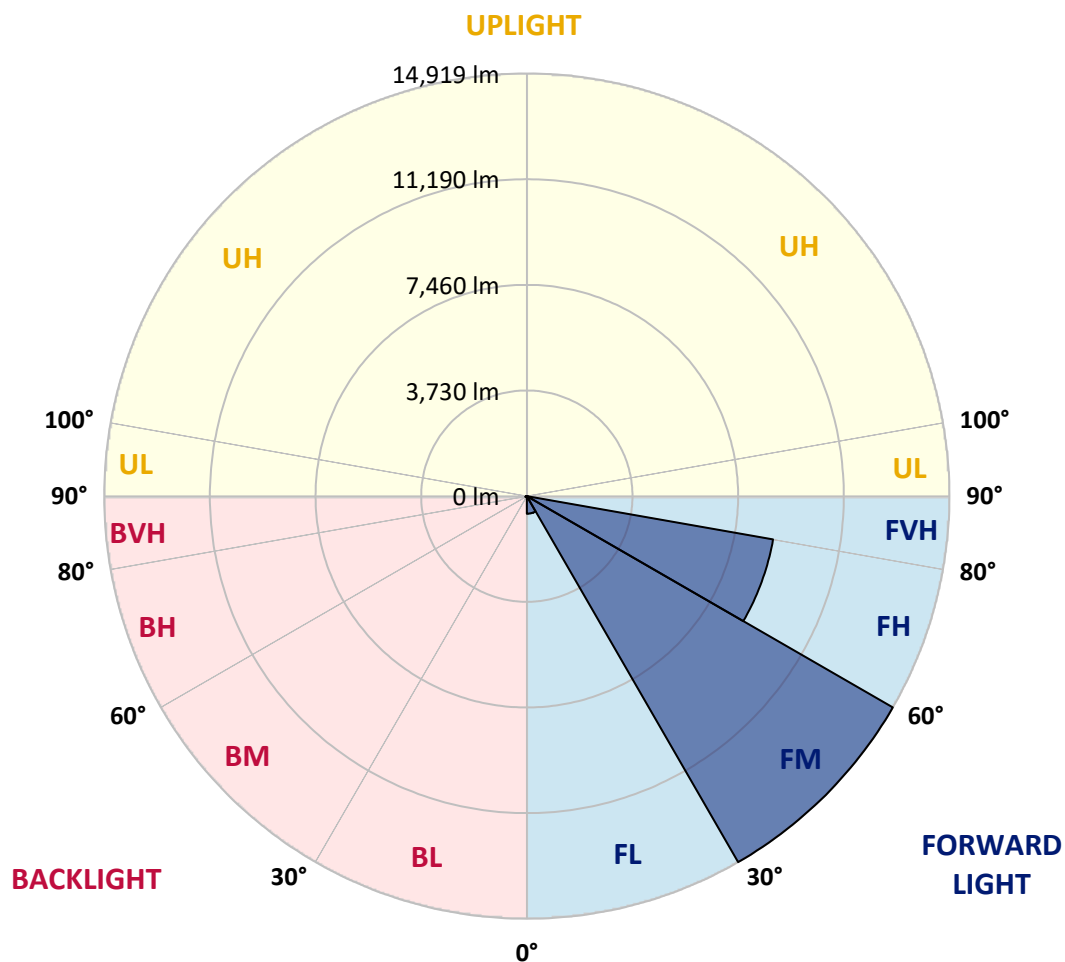
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	622.2	2.5			
FM	(30°-60°)	14919.3	60.8			
FH	(60°-80°)	8824.9	36.0			G4/12000
FVH	(80°-90°)	35.9	0.1			G1/100
BL	(0°-30°)	22.6	0.1	B0/110		
BM	(30°-60°)	43.9	0.2	B0/220		
BH	(60°-80°)	45.8	0.2	B0/110		G0/110
BVH	(80°-90°)	10.5	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°	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
2.5°	98.2	98.2	98.2	98.2	96.4	96.4	94.5	94.5	92.7	92.7
5°	103.8	103.8	101.9	100.1	100.1	98.2	96.4	94.5	94.5	92.7
7.5°	113.1	111.2	109.3	107.5	103.8	101.9	98.2	96.4	94.5	90.8
10°	124.2	120.5	116.8	113.1	109.3	105.6	101.9	100.1	96.4	94.5
12.5°	139.0	133.4	126.0	120.5	116.8	111.2	107.5	103.8	98.2	94.5
15°	152.0	144.6	135.3	127.9	122.3	114.9	109.3	103.8	100.1	94.5
17.5°	170.5	157.5	142.7	133.4	126.0	116.8	107.5	101.9	96.4	89.0
20°	202.0	176.1	148.3	137.1	126.0	114.9	103.8	96.4	90.8	83.4
22.5°	252.1	207.6	163.1	146.4	131.6	114.9	100.1	92.7	85.3	77.8
25°	348.4	268.7	189.0	166.8	144.6	122.3	100.1	90.8	83.4	74.1
27.5°	463.3	344.7	224.3	192.7	163.1	131.6	100.1	89.0	79.7	68.6
30°	580.1	422.6	263.2	222.4	181.6	140.9	100.1	87.1	76.0	63.0
32.5°	691.3	494.8	296.5	248.3	200.2	150.1	101.9	87.1	72.3	57.5
35°	804.4	554.2	302.1	252.1	202.0	150.1	100.1	83.4	68.6	51.9
37.5°	948.9	620.9	291.0	240.9	192.7	142.7	94.5	79.7	64.9	48.2
40°	1167.6	732.1	296.5	244.6	192.7	140.9	89.0	74.1	61.2	46.3
42.5°	1571.6	947.1	320.6	261.3	202.0	140.9	81.5	68.6	57.5	44.5
45°	2717.0	1573.5	430.0	341.0	252.1	163.1	74.1	63.0	53.7	42.6
47.5°	4494.4	2633.6	772.8	596.8	422.6	246.5	72.3	63.0	53.7	42.6
50°	5736.1	3354.6	973.0	748.8	524.5	300.2	76.0	64.9	55.6	44.5
52.5°	5726.8	3406.4	1084.2	832.2	582.0	329.9	79.7	68.6	59.3	48.2
55°	5091.1	3098.8	1104.6	848.8	594.9	339.2	85.3	74.1	63.0	51.9
57.5°	4255.3	2631.8	1008.2	780.3	554.2	326.2	98.2	85.3	74.1	61.2
60°	3365.7	2075.7	785.8	620.9	457.8	292.8	129.7	113.1	98.2	81.5
62.5°	2324.1	1504.9	685.7	550.4	417.0	281.7	148.3	131.6	116.8	100.1
65°	1643.9	1132.4	619.0	504.1	391.1	276.1	161.2	142.7	126.0	107.5
67.5°	1228.8	900.7	570.8	472.6	374.4	276.1	177.9	155.7	135.3	113.1
70°	941.5	739.5	535.6	455.9	378.1	298.4	218.7	187.2	157.5	126.0
72.5°	767.3	632.0	494.8	437.4	379.9	322.5	265.0	224.3	183.5	140.9
75°	635.7	541.2	446.7	398.5	352.1	303.9	255.8	218.7	183.5	146.4
77.5°	422.6	385.5	346.6	318.8	291.0	261.3	233.5	202.0	172.4	140.9
80°	148.3	142.7	137.1	148.3	159.4	170.5	181.6	159.4	139.0	116.8
82.5°	22.2	20.4	18.5	20.4	22.2	24.1	25.9	27.8	29.7	31.5
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°	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
0.0	2.5°	90.8	90.8	89.0	89.0	89.0	87.1	87.1	85.3	85.3	85.3
0.0	5°	89.0	89.0	87.1	85.3	83.4	83.4	81.5	79.7	79.7	77.8
0.0	7.5°	87.1	85.3	83.4	81.5	79.7	77.8	76.0	74.1	74.1	72.3
0.0	10°	89.0	85.3	83.4	79.7	77.8	76.0	72.3	70.4	68.6	68.6
0.0	12.5°	85.3	83.4	79.7	76.0	74.1	70.4	68.6	64.9	63.0	63.0
0.0	15°	85.3	81.5	76.0	72.3	68.6	66.7	63.0	59.3	57.5	55.6
0.0	17.5°	79.7	76.0	70.4	66.7	63.0	59.3	55.6	51.9	50.0	48.2
0.0	20°	72.3	68.6	63.0	57.5	53.7	50.0	46.3	42.6	40.8	38.9
0.0	22.5°	64.9	61.2	55.6	50.0	46.3	42.6	37.1	33.4	31.5	27.8
0.0	25°	61.2	55.6	50.0	44.5	38.9	35.2	29.7	24.1	20.4	16.7
0.0	27.5°	51.9	46.3	40.8	35.2	29.7	24.1	18.5	13.0	9.3	7.4
0.0	30°	44.5	38.9	33.4	27.8	20.4	14.8	9.3	1.9	1.9	1.9
0.0	32.5°	37.1	31.5	24.1	18.5	14.8	9.3	5.6	0.0	0.0	0.0
0.0	35°	29.7	24.1	16.7	11.1	9.3	5.6	3.7	0.0	0.0	0.0
0.0	37.5°	25.9	20.4	13.0	5.6	3.7	3.7	1.9	0.0	0.0	0.0
0.0	40°	24.1	16.7	9.3	1.9	1.9	1.9	0.0	0.0	0.0	0.0
0.0	42.5°	24.1	16.7	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	24.1	16.7	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	24.1	16.7	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	25.9	18.5	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	29.7	22.2	14.8	7.4	5.6	3.7	1.9	0.0	0.0	0.0
0.0	55°	37.1	33.4	27.8	24.1	18.5	13.0	5.6	0.0	0.0	0.0
0.0	57.5°	48.2	48.2	46.3	44.5	33.4	22.2	11.1	0.0	0.0	0.0
0.0	60°	64.9	64.9	64.9	64.9	48.2	33.4	16.7	0.0	0.0	0.0
0.0	62.5°	79.7	76.0	70.4	66.7	50.0	33.4	16.7	0.0	0.0	0.0
0.0	65°	79.7	72.3	63.0	53.7	40.8	27.8	13.0	0.0	0.0	0.0
0.0	67.5°	74.1	59.3	42.6	27.8	20.4	14.8	7.4	0.0	0.0	0.0
	70°	74.1	51.9	29.7	7.4	5.6	3.7	1.9	0.0	0.0	0.0
	72.5°	74.1	50.0	24.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	81.5	55.6	27.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	81.5	55.6	27.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	72.3	48.2	24.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	24.1	16.7	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]



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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
0.0	2.5°	83.4	83.4	83.4	81.5	81.5	81.5	81.5	79.7	79.7	79.7
0.0	5°	76.0	76.0	74.1	74.1	72.3	72.3	70.4	70.4	68.6	68.6
0.0	7.5°	70.4	68.6	68.6	66.7	64.9	64.9	63.0	63.0	61.2	59.3
0.0	10°	64.9	63.0	63.0	61.2	59.3	57.5	57.5	55.6	53.7	51.9
0.0	12.5°	59.3	57.5	55.6	53.7	51.9	50.0	50.0	48.2	46.3	44.5
0.0	15°	51.9	50.0	48.2	46.3	44.5	42.6	42.6	40.8	38.9	37.1
0.0	17.5°	44.5	42.6	42.6	40.8	38.9	37.1	35.2	31.5	29.7	27.8
0.0	20°	33.4	31.5	29.7	27.8	25.9	22.2	20.4	16.7	13.0	11.1
0.0	22.5°	22.2	18.5	16.7	13.0	9.3	7.4	5.6	1.9	0.0	0.0
0.0	25°	7.4	5.6	3.7	1.9	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: P1048975

CATALOG NUMBER: GALN-SA5C-730-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1048975

CATALOG NUMBER: GALN-SA5C-730-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
0.0	2.5°	77.8	77.8	77.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0
0.0	5°	66.7	66.7	66.7	64.9	64.9	63.0	63.0	63.0	61.2	61.2
0.0	7.5°	57.5	55.6	55.6	53.7	53.7	51.9	51.9	51.9	50.0	50.0
0.0	10°	48.2	46.3	46.3	44.5	44.5	42.6	42.6	40.8	40.8	38.9
0.0	12.5°	42.6	40.8	38.9	37.1	37.1	35.2	33.4	33.4	31.5	29.7
0.0	15°	33.4	31.5	29.7	27.8	25.9	24.1	22.2	22.2	20.4	18.5
0.0	17.5°	22.2	18.5	16.7	14.8	14.8	13.0	11.1	9.3	7.4	5.6
0.0	20°	5.6	3.7	1.9	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: P1048975

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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1048975

CATALOG NUMBER: GALN-SA5C-730-U-RBC

CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
0.0	2.5°	76.0	74.1	74.1	74.1	76.0	76.0	76.0	76.0	76.0	76.0
0.0	5°	61.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
0.0	7.5°	50.0	48.2	48.2	48.2	48.2	46.3	46.3	46.3	46.3	46.3
0.0	10°	38.9	37.1	37.1	37.1	37.1	35.2	35.2	35.2	35.2	35.2
0.0	12.5°	27.8	27.8	25.9	25.9	25.9	24.1	24.1	24.1	24.1	22.2
0.0	15°	16.7	14.8	13.0	13.0	13.0	11.1	11.1	11.1	11.1	9.3
0.0	17.5°	3.7	3.7	1.9	1.9	1.9	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048975

CATALOG NUMBER: GALN-SA5C-730-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
0.0	2.5°	77.8	77.8	79.7	79.7	81.5	85.3	87.1	89.0	92.7	96.4
0.0	5°	61.2	63.0	63.0	64.9	66.7	68.6	70.4	72.3	76.0	79.7
0.0	7.5°	48.2	48.2	50.0	50.0	51.9	55.6	57.5	59.3	63.0	68.6
0.0	10°	37.1	37.1	38.9	38.9	40.8	44.5	46.3	48.2	51.9	57.5
0.0	12.5°	24.1	25.9	25.9	27.8	29.7	33.4	35.2	37.1	40.8	44.5
0.0	15°	11.1	13.0	13.0	14.8	16.7	20.4	22.2	24.1	27.8	33.4
0.0	17.5°	1.9	1.9	3.7	3.7	5.6	7.4	9.3	11.1	16.7	20.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	7.4
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
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: P1048975

CATALOG NUMBER: GALN-SA5C-730-U-RBC

CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
0.0	2.5°	101.9	105.6	109.3	113.1	116.8	120.5	122.3	126.0	127.9	129.7
0.0	5°	87.1	90.8	96.4	100.1	103.8	107.5	111.2	113.1	114.9	116.8
0.0	7.5°	76.0	79.7	85.3	89.0	92.7	96.4	100.1	103.8	105.6	107.5
0.0	10°	64.9	70.4	74.1	79.7	83.4	87.1	90.8	94.5	98.2	100.1
0.0	12.5°	51.9	57.5	63.0	66.7	72.3	77.8	81.5	85.3	89.0	92.7
0.0	15°	40.8	46.3	51.9	55.6	61.2	66.7	72.3	76.0	79.7	83.4
0.0	17.5°	29.7	35.2	40.8	44.5	50.0	55.6	59.3	64.9	68.6	72.3
0.0	20°	14.8	20.4	25.9	31.5	37.1	42.6	46.3	51.9	55.6	59.3
0.0	22.5°	1.9	7.4	13.0	16.7	22.2	27.8	31.5	37.1	40.8	44.5
0.0	25°	0.0	1.9	5.6	7.4	9.3	13.0	16.7	20.4	24.1	27.8
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.9	3.7	7.4	11.1	14.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7
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	1.9
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.9	3.7
	85°	0.0	0.0	0.0	0.0	0.0	3.7	5.6	9.3	11.1	13.0
	87.5°	0.0	1.9	3.7	5.6	7.4	11.1	14.8	18.5	20.4	22.2
	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: P1048975

CATALOG NUMBER: GALN-SA5C-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
107.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.6	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											
1.9											
7.4											
16.7											
24.1											
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REPORT NUMBER: P1048975

CATALOG NUMBER: GALN-SA5C-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
0.0	2.5°	131.6	131.6	131.6	131.6	129.7	129.7	129.7	127.9	127.9	126.0
0.0	5°	120.5	122.3	122.3	122.3	122.3	122.3	122.3	122.3	120.5	120.5
0.0	7.5°	111.2	113.1	114.9	114.9	116.8	116.8	116.8	114.9	114.9	113.1
0.0	10°	105.6	107.5	107.5	109.3	109.3	109.3	109.3	109.3	109.3	109.3
0.0	12.5°	98.2	100.1	101.9	101.9	103.8	103.8	103.8	103.8	101.9	101.9
0.0	15°	89.0	92.7	94.5	96.4	96.4	98.2	98.2	98.2	98.2	98.2
0.0	17.5°	81.5	85.3	87.1	89.0	89.0	90.8	90.8	92.7	92.7	92.7
0.0	20°	66.7	70.4	72.3	76.0	77.8	79.7	81.5	83.4	83.4	85.3
0.0	22.5°	51.9	55.6	57.5	61.2	63.0	64.9	66.7	68.6	70.4	72.3
0.0	25°	37.1	40.8	42.6	46.3	48.2	50.0	51.9	53.7	53.7	55.6
0.0	27.5°	20.4	24.1	27.8	29.7	33.4	35.2	37.1	38.9	40.8	42.6
0.0	30°	9.3	11.1	13.0	16.7	18.5	20.4	22.2	25.9	27.8	29.7
0.0	32.5°	0.0	0.0	1.9	5.6	7.4	9.3	11.1	13.0	13.0	14.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.7	5.6	7.4
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	3.7	3.7	3.7	5.6	5.6	5.6	5.6	5.6	5.6	5.6
	82.5°	9.3	11.1	13.0	13.0	14.8	14.8	14.8	14.8	13.0	13.0
	85°	18.5	20.4	22.2	22.2	24.1	24.1	24.1	24.1	24.1	24.1
	87.5°	25.9	27.8	29.7	29.7	31.5	31.5	31.5	31.5	31.5	31.5
	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: P1048975

CATALOG NUMBER: GALN-SA5C-730-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
107.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	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											
5.6											
13.0											
24.1											
31.5											
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REPORT NUMBER: P1048975

CATALOG NUMBER: GALN-SA5C-730-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
0.0	0°	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
0.0	2.5°	124.2	124.2	122.3	122.3	122.3	122.3	122.3	124.2	126.0	126.0
0.0	5°	118.6	118.6	116.8	116.8	116.8	118.6	118.6	120.5	122.3	124.2
0.0	7.5°	113.1	111.2	111.2	113.1	113.1	114.9	114.9	116.8	118.6	120.5
0.0	10°	109.3	107.5	107.5	107.5	109.3	109.3	111.2	113.1	114.9	116.8
0.0	12.5°	101.9	101.9	101.9	101.9	103.8	103.8	105.6	107.5	111.2	113.1
0.0	15°	98.2	96.4	96.4	96.4	96.4	98.2	98.2	101.9	105.6	107.5
0.0	17.5°	90.8	90.8	89.0	89.0	90.8	90.8	92.7	96.4	100.1	101.9
0.0	20°	83.4	81.5	79.7	79.7	81.5	81.5	83.4	87.1	90.8	92.7
0.0	22.5°	72.3	70.4	70.4	70.4	70.4	72.3	72.3	76.0	81.5	85.3
0.0	25°	57.5	59.3	59.3	61.2	61.2	63.0	64.9	68.6	74.1	77.8
0.0	27.5°	44.5	46.3	46.3	50.0	51.9	53.7	55.6	61.2	66.7	70.4
0.0	30°	33.4	35.2	37.1	38.9	42.6	46.3	50.0	55.6	61.2	64.9
0.0	32.5°	20.4	24.1	25.9	29.7	33.4	37.1	40.8	46.3	53.7	59.3
0.0	35°	14.8	16.7	20.4	22.2	25.9	29.7	33.4	40.8	46.3	53.7
0.0	37.5°	7.4	11.1	14.8	18.5	22.2	25.9	29.7	37.1	44.5	50.0
0.0	40°	5.6	9.3	11.1	14.8	20.4	24.1	27.8	35.2	42.6	50.0
0.0	42.5°	3.7	5.6	7.4	13.0	16.7	22.2	27.8	35.2	42.6	50.0
0.0	45°	3.7	3.7	5.6	11.1	16.7	24.1	29.7	37.1	42.6	50.0
0.0	47.5°	3.7	5.6	7.4	14.8	18.5	24.1	29.7	35.2	42.6	48.2
0.0	50°	5.6	7.4	9.3	16.7	20.4	25.9	29.7	37.1	42.6	50.0
0.0	52.5°	3.7	5.6	7.4	14.8	20.4	27.8	33.4	40.8	48.2	53.7
0.0	55°	1.9	1.9	1.9	11.1	22.2	31.5	42.6	48.2	55.6	61.2
0.0	57.5°	0.0	0.0	0.0	7.4	22.2	35.2	48.2	55.6	63.0	68.6
0.0	60°	0.0	0.0	0.0	7.4	22.2	35.2	48.2	57.5	66.7	76.0
0.0	62.5°	0.0	0.0	0.0	7.4	18.5	29.7	40.8	55.6	72.3	87.1
0.0	65°	0.0	0.0	0.0	5.6	14.8	24.1	33.4	55.6	77.8	98.2
0.0	67.5°	0.0	0.0	0.0	5.6	14.8	22.2	31.5	55.6	77.8	101.9
	70°	0.0	0.0	0.0	5.6	14.8	24.1	33.4	55.6	77.8	100.1
	72.5°	0.0	0.0	0.0	5.6	16.7	25.9	37.1	55.6	74.1	92.7
	75°	0.0	0.0	0.0	7.4	16.7	27.8	38.9	55.6	72.3	87.1
	77.5°	0.0	0.0	0.0	5.6	16.7	25.9	37.1	53.7	70.4	85.3
	80°	5.6	3.7	3.7	9.3	16.7	24.1	31.5	48.2	66.7	83.4
	82.5°	11.1	11.1	9.3	13.0	16.7	22.2	27.8	42.6	59.3	74.1
	85°	22.2	22.2	20.4	22.2	22.2	24.1	25.9	33.4	40.8	48.2
	87.5°	29.7	29.7	27.8	27.8	27.8	25.9	25.9	25.9	25.9	24.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
107.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.3											
111.2											
103.8											
101.9											
100.1											
89.0											
55.6											
24.1											
0.0											
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REPORT NUMBER: P1048975

CATALOG NUMBER: GALN-SA5C-730-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
0.0	2.5°	129.7	131.6	131.6	133.4	135.3	137.1	137.1	139.0	139.0	139.0
0.0	5°	127.9	131.6	133.4	135.3	137.1	139.0	140.9	142.7	144.6	144.6
0.0	7.5°	126.0	127.9	131.6	133.4	137.1	139.0	142.7	144.6	146.4	148.3
0.0	10°	122.3	126.0	129.7	133.4	137.1	140.9	144.6	148.3	152.0	153.8
0.0	12.5°	118.6	124.2	127.9	131.6	137.1	142.7	146.4	152.0	155.7	159.4
0.0	15°	116.8	120.5	126.0	129.7	137.1	144.6	150.1	157.5	164.9	170.5
0.0	17.5°	111.2	118.6	124.2	129.7	137.1	146.4	153.8	161.2	172.4	183.5
0.0	20°	103.8	109.3	116.8	122.3	133.4	142.7	153.8	163.1	179.8	196.5
0.0	22.5°	96.4	103.8	109.3	116.8	129.7	140.9	153.8	164.9	192.7	218.7
0.0	25°	89.0	98.2	105.6	113.1	127.9	142.7	157.5	172.4	218.7	265.0
0.0	27.5°	85.3	92.7	101.9	109.3	127.9	148.3	166.8	185.3	259.5	331.7
0.0	30°	79.7	89.0	96.4	105.6	129.7	153.8	177.9	202.0	315.1	428.1
0.0	32.5°	74.1	83.4	92.7	101.9	133.4	164.9	194.6	226.1	374.4	520.8
0.0	35°	68.6	79.7	89.0	98.2	139.0	181.6	222.4	263.2	428.1	591.2
0.0	37.5°	66.7	77.8	87.1	96.4	140.9	183.5	228.0	270.6	433.7	596.8
0.0	40°	68.6	77.8	89.0	98.2	135.3	172.4	207.6	244.6	415.1	583.8
0.0	42.5°	68.6	79.7	90.8	101.9	131.6	161.2	190.9	220.5	409.6	598.6
0.0	45°	66.7	77.8	89.0	100.1	127.9	153.8	181.6	207.6	442.9	676.5
0.0	47.5°	64.9	76.0	87.1	98.2	126.0	153.8	181.6	209.4	572.7	934.1
0.0	50°	64.9	76.0	85.3	94.5	127.9	163.1	196.5	229.8	834.0	1436.3
0.0	52.5°	68.6	77.8	85.3	92.7	131.6	172.4	211.3	250.2	1060.1	1868.2
0.0	55°	74.1	79.7	87.1	92.7	140.9	187.2	235.4	281.7	1128.7	1975.7
0.0	57.5°	81.5	87.1	92.7	98.2	157.5	216.8	274.3	333.6	1134.2	1933.0
0.0	60°	90.8	98.2	103.8	109.3	172.4	237.2	300.2	363.3	1026.8	1688.4
0.0	62.5°	111.2	120.5	127.9	137.1	198.3	257.6	318.8	378.1	852.5	1327.0
0.0	65°	127.9	135.3	142.7	150.1	209.4	270.6	329.9	389.2	722.8	1056.4
0.0	67.5°	131.6	139.0	144.6	152.0	213.1	274.3	333.6	394.8	619.0	841.4
	70°	133.4	142.7	153.8	163.1	226.1	289.1	350.3	413.3	548.6	683.9
	72.5°	127.9	146.4	163.1	179.8	239.1	296.5	355.8	413.3	509.7	606.0
	75°	127.9	153.8	177.9	202.0	246.5	289.1	333.6	376.2	450.4	524.5
	77.5°	135.3	168.7	202.0	235.4	261.3	285.4	311.4	335.5	383.6	431.8
	80°	135.3	170.5	203.9	239.1	250.2	263.2	274.3	285.4	291.0	296.5
	82.5°	116.8	144.6	172.4	200.2	187.2	174.2	161.2	148.3	139.0	127.9
	85°	59.3	64.9	68.6	72.3	66.7	61.2	55.6	50.0	46.3	40.8
	87.5°	24.1	24.1	22.2	22.2	22.2	22.2	20.4	20.4	20.4	20.4
	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):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
107.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
198.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
228.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
291.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
394.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
548.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
743.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
928.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1054.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1149.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1243.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1428.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1799.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2743.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4201.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5289.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5409.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4881.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4173.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3261.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2464.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1820.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1288.1											
958.2											
696.9											
524.5											
294.7											
133.4											
38.9											
18.5											
0.0											
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CATALOG NUMBER: GALN-SA5C-730-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
0.0	2.5°	139.0	137.1	137.1	135.3	133.4	131.6	129.7	127.9	126.0	124.2
0.0	5°	144.6	144.6	144.6	142.7	142.7	140.9	140.9	139.0	137.1	135.3
0.0	7.5°	150.1	152.0	152.0	153.8	153.8	153.8	153.8	152.0	152.0	152.0
0.0	10°	159.4	161.2	163.1	164.9	166.8	168.7	168.7	170.5	170.5	170.5
0.0	12.5°	170.5	176.1	179.8	185.3	189.0	194.6	198.3	203.9	207.6	211.3
0.0	15°	187.2	196.5	207.6	216.8	226.1	239.1	253.9	266.9	279.9	300.2
0.0	17.5°	211.3	240.9	270.6	298.4	328.0	392.9	457.8	520.8	585.7	680.2
0.0	20°	257.6	346.6	433.7	522.6	609.8	837.7	1063.8	1291.8	1517.9	1760.7
0.0	22.5°	361.4	580.1	798.8	1017.5	1236.2	1712.5	2186.9	2663.3	3137.7	3695.6
0.0	25°	524.5	926.7	1328.8	1729.2	2131.3	2876.4	3623.3	4368.3	5113.4	5838.0
0.0	27.5°	763.6	1378.9	1994.2	2607.7	3223.0	4233.0	5245.0	6255.0	7265.1	8084.3
0.0	30°	1058.3	1892.3	2726.3	3560.3	4394.3	5543.4	6692.4	7839.7	8988.7	9883.9
0.0	32.5°	1336.3	2357.5	3378.6	4398.0	5419.2	6727.6	8038.0	9346.4	10654.9	11633.5
0.0	35°	1517.9	2752.2	3988.4	5222.7	6457.1	7873.0	9289.0	10703.1	12119.0	13236.6
0.0	37.5°	1699.5	3124.7	4548.1	5973.3	7396.7	8951.7	10506.6	12061.6	13616.5	14997.3
0.0	40°	1903.4	3575.1	5245.0	6916.7	8586.6	10428.8	12269.1	14111.4	15951.7	17899.6
0.0	42.5°	2257.4	4322.0	6388.5	8453.1	10517.7	12954.9	15392.0	17827.3	20264.5	23044.5
0.0	45°	2922.7	5832.5	8744.1	11653.8	14563.6	17792.1	21022.5	24251.0	27479.6	31178.8
0.0	47.5°	4551.8	8555.0	12556.4	16559.6	20561.0	24047.2	27531.5	31017.6	34501.9	38186.3
0.0	50°	6964.9	11624.2	16283.5	20941.0	25600.3	28754.7	31907.2	35061.6	38214.1	41718.8
0.0	52.5°	8710.7	13564.6	18420.4	23274.3	28128.2	30975.0	33823.6	36670.3	39517.0	42791.9
0.0	55°	8842.3	13668.4	18496.4	23322.5	28148.6	31008.3	33868.0	36727.8	39587.5	43058.8
0.0	57.5°	7828.5	12615.7	17401.1	22188.3	26973.6	30229.9	33484.4	36740.7	39995.2	43748.2
0.0	60°	6659.1	11448.1	16235.3	21024.4	25811.5	29562.7	33315.7	37066.9	40818.1	44333.9
0.0	62.5°	5194.9	10121.1	15049.2	19975.4	24901.6	28710.2	32518.8	36325.6	40134.2	42771.5
0.0	65°	3871.6	8655.1	13438.6	18220.2	23003.7	26054.3	29104.9	32153.7	35204.3	36837.1
0.0	67.5°	2798.6	6924.1	11047.8	15173.3	19297.0	21480.3	23663.5	25844.9	28028.1	29277.3
	70°	1892.3	4750.1	7606.1	10464.0	13320.0	15114.0	16909.9	18704.0	20498.0	22184.5
	72.5°	1310.3	2915.3	4522.2	6127.2	7732.2	9537.3	11340.6	13145.8	14949.1	16733.9
	75°	869.2	1599.4	2331.5	3061.7	3791.9	5128.2	6466.3	7802.6	9138.8	10202.7
	77.5°	617.2	835.9	1056.4	1275.1	1493.8	1744.0	1996.1	2246.3	2496.5	2876.4
	80°	292.8	320.6	348.4	374.4	402.2	493.0	583.8	674.6	765.4	861.8
	82.5°	139.0	150.1	161.2	170.5	181.6	190.9	200.2	209.4	218.7	209.4
	85°	37.1	37.1	38.9	38.9	38.9	38.9	38.9	38.9	38.9	37.1
	87.5°	16.7	16.7	16.7	16.7	16.7	16.7	16.7	14.8	14.8	13.0
	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):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
107.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
213.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
322.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
772.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2005.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4253.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6562.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8903.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10780.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12613.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14354.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16379.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19847.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25824.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34878.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41870.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45223.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46066.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46532.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47501.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47847.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45410.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38471.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30528.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23869.2											
18518.6											
11266.5											
3256.3											
958.2											
198.3											
35.2											
13.0											
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°	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
0.0	2.5°	120.5	118.6	116.8	114.9	113.1	109.3	109.3	107.5	107.5
0.0	5°	131.6	129.7	127.9	126.0	126.0	124.2	122.3	122.3	120.5
0.0	7.5°	150.1	148.3	146.4	144.6	144.6	142.7	142.7	140.9	140.9
0.0	10°	172.4	172.4	172.4	172.4	172.4	170.5	170.5	170.5	168.7
0.0	12.5°	216.8	218.7	222.4	226.1	231.7	231.7	231.7	229.8	229.8
0.0	15°	342.9	363.3	378.1	392.9	405.9	435.5	431.8	426.3	422.6
0.0	17.5°	867.4	960.0	1010.1	1058.3	1108.3	1245.4	1223.2	1201.0	1180.6
0.0	20°	2248.1	2490.9	2652.1	2813.4	2976.5	3234.1	3171.1	3108.1	3045.0
0.0	22.5°	4809.4	5367.3	5610.1	5852.9	6093.8	6405.2	6203.1	6001.1	5801.0
0.0	25°	7285.5	8010.2	8419.7	8829.3	9237.1	9415.0	9151.8	8886.8	8623.6
0.0	27.5°	9722.7	10541.8	10903.2	11262.8	11624.2	11996.7	11670.5	11342.5	11016.3
0.0	30°	11676.1	12571.2	12962.3	13351.5	13742.6	14002.0	13664.7	13325.6	12988.2
0.0	32.5°	13592.4	14571.0	14999.1	15427.3	15853.5	16226.0	15810.9	15393.9	14978.7
0.0	35°	15469.9	16587.4	17176.8	17766.2	18355.5	18702.1	18209.1	17714.3	17221.3
0.0	37.5°	17760.6	19141.4	19801.1	20460.9	21120.7	21752.7	21209.7	20664.8	20121.8
0.0	40°	21795.3	23743.2	24755.1	25768.9	26780.8	27596.3	26910.6	26224.8	25539.1
0.0	42.5°	28604.5	31384.6	32839.4	34292.5	35747.3	37020.6	36299.6	35578.7	34857.7
0.0	45°	38577.4	42276.7	44050.3	45822.1	47595.8	48526.2	47488.3	46448.6	45410.7
0.0	47.5°	45553.4	49237.8	50816.9	52395.9	53975.0	55037.0	53767.4	52497.9	51230.2
0.0	50°	48726.3	52231.0	53815.6	55398.4	56983.0	57826.2	56360.2	54892.4	53426.4
0.0	52.5°	49339.8	52614.6	54505.0	56397.3	58287.7	59414.6	57683.5	55950.7	54219.6
0.0	55°	50003.3	53474.6	55667.1	57861.5	60054.0	61614.5	59657.3	57698.4	55741.2
0.0	57.5°	51252.4	55005.4	57192.4	59377.5	61564.4	62889.6	60926.9	58962.3	56999.6
0.0	60°	51363.6	54877.6	56756.9	58638.0	60517.3	61351.3	59473.9	57594.6	55717.1
0.0	62.5°	48048.0	50685.3	51990.1	53294.8	54599.6	55505.9	53546.9	51586.0	49627.0
0.0	65°	40104.5	41737.3	42777.1	43816.8	44856.5	45937.0	44143.0	42349.0	40554.9
0.0	67.5°	31777.5	33026.6	34396.2	35765.9	37135.5	38290.1	36853.8	35415.6	33979.2
	70°	25555.8	27240.5	28780.6	30320.7	31860.9	32806.1	31364.2	29920.4	28478.5
	72.5°	20303.4	22088.2	23374.4	24658.8	25945.0	26176.7	25116.5	24056.4	22998.2
	75°	12328.5	13392.3	13418.2	13442.3	13468.3	13688.8	12810.3	11931.8	11055.2
	77.5°	3636.3	4016.2	4329.4	4640.8	4954.0	5332.1	5009.6	4685.3	4362.8
	80°	1052.7	1149.1	1230.6	1310.3	1391.9	1343.7	1267.7	1191.7	1115.7
	82.5°	189.0	177.9	176.1	174.2	174.2	164.9	150.1	135.3	120.5
	85°	33.4	31.5	29.7	27.8	25.9	24.1	20.4	18.5	14.8
	87.5°	11.1	9.3	7.4	5.6	5.6	1.9	1.9	1.9	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]

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CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5	107.5
0.0	0.0	2.5°	105.6	103.8	103.8	103.8	103.8	101.9	101.9	101.9	101.9
0.0	0.0	5°	116.8	116.8	114.9	114.9	113.1	113.1	111.2	111.2	109.3
0.0	0.0	7.5°	137.1	135.3	133.4	131.6	129.7	126.0	124.2	122.3	122.3
0.0	0.0	10°	164.9	161.2	159.4	155.7	153.8	150.1	146.4	142.7	139.0
0.0	0.0	12.5°	216.8	209.4	203.9	196.5	189.0	183.5	176.1	170.5	163.1
0.0	0.0	15°	376.2	357.7	337.3	313.2	287.3	263.2	237.2	222.4	205.7
0.0	0.0	17.5°	961.9	865.5	767.3	687.6	607.9	530.1	450.4	392.9	335.5
0.0	0.0	20°	2448.3	2181.4	1914.5	1651.3	1386.3	1123.1	858.1	724.7	591.2
0.0	0.0	22.5°	4607.4	4112.6	3615.9	3135.9	2654.0	2174.0	1694.0	1391.9	1091.6
0.0	0.0	25°	7111.3	6488.6	5865.8	5076.3	4284.9	3495.4	2705.9	2214.7	1723.6
0.0	0.0	27.5°	9253.8	8536.5	7819.3	6859.2	5899.2	4939.2	3979.1	3247.1	2516.8
0.0	0.0	30°	11109.0	10338.0	9567.0	8449.4	7331.8	6214.3	5096.7	4181.1	3265.6
0.0	0.0	32.5°	12717.7	11794.7	10871.7	9718.9	8566.2	7413.4	6260.6	5137.5	4014.3
0.0	0.0	35°	14572.9	13496.1	12417.4	11138.6	9857.9	8579.1	7300.3	6032.6	4763.1
0.0	0.0	37.5°	16930.3	15608.9	14285.6	12860.4	11435.1	10011.8	8586.6	7137.2	5687.9
0.0	0.0	40°	21443.2	19738.1	18033.1	16222.3	14409.8	12599.0	10788.3	9009.1	7229.9
0.0	0.0	42.5°	29529.4	27225.6	24921.9	22512.6	20101.4	17692.0	15280.8	12771.4	10260.1
0.0	0.0	45°	38655.2	35797.4	32937.7	30233.6	27527.7	24823.7	22119.7	18676.2	15232.6
0.0	0.0	47.5°	43787.1	40701.3	37615.5	35056.0	32496.6	29937.1	27377.6	23665.4	19953.1
0.0	0.0	50°	45675.7	42534.3	39392.9	37037.3	34679.8	32324.2	29966.7	26248.9	22529.3
0.0	0.0	52.5°	46077.9	42873.4	39669.0	37298.6	34928.2	32559.6	30189.1	26495.4	22801.7
0.0	0.0	55°	46904.5	43466.5	40026.7	37324.5	34622.4	31920.2	29218.0	25465.0	21711.9
0.0	0.0	57.5°	47985.0	44459.9	40934.8	37856.4	34778.0	31701.5	28623.1	24519.8	20416.5
0.0	0.0	60°	47701.4	44634.1	41565.0	38267.9	34968.9	31671.8	28372.9	23860.0	19345.2
0.0	0.0	62.5°	42778.9	40336.2	37891.7	35180.2	32466.9	29755.5	27044.0	22397.7	17751.3
0.0	0.0	65°	35193.2	33410.3	31627.3	29446.0	27262.7	25081.3	22899.9	18733.6	14569.2
0.0	0.0	67.5°	28523.0	26514.0	24503.1	22764.6	21024.4	19285.9	17545.6	14267.1	10988.5
		70°	22660.9	20475.8	18288.8	16591.2	14891.6	13194.0	11496.3	9316.8	7139.1
		72.5°	17996.0	16025.9	14055.8	12245.1	10432.5	8621.8	6809.2	5521.1	4233.0
		75°	8601.4	7813.7	7026.0	6079.0	5131.9	4184.9	3237.8	2676.2	2116.5
		77.5°	3187.8	2763.3	2337.1	1951.6	1566.1	1182.4	796.9	730.2	663.5
		80°	824.7	719.1	611.6	535.6	457.8	381.8	305.8	276.1	248.3
		82.5°	94.5	87.1	81.5	77.8	72.3	68.6	63.0	57.5	51.9
		85°	5.6	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1048975

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CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	107.5	107.5
0.0	0.0	2.5°	100.1	98.2
0.0	0.0	5°	105.6	103.8
0.0	0.0	7.5°	116.8	113.1
0.0	0.0	10°	127.9	124.2
0.0	0.0	12.5°	144.6	139.0
0.0	0.0	15°	163.1	152.0
0.0	0.0	17.5°	194.6	170.5
0.0	0.0	20°	263.2	202.0
0.0	0.0	22.5°	370.7	252.1
0.0	0.0	25°	544.9	348.4
0.0	0.0	27.5°	758.0	463.3
0.0	0.0	30°	1008.2	580.1
0.0	0.0	32.5°	1228.8	691.3
0.0	0.0	35°	1516.0	804.4
0.0	0.0	37.5°	1870.0	948.9
0.0	0.0	40°	2418.6	1167.6
0.0	0.0	42.5°	3406.4	1571.6
0.0	0.0	45°	5532.2	2717.0
0.0	0.0	47.5°	8512.4	4494.4
0.0	0.0	50°	10413.9	5736.1
0.0	0.0	52.5°	10569.6	5726.8
0.0	0.0	55°	9648.5	5091.1
0.0	0.0	57.5°	8232.6	4255.3
0.0	0.0	60°	6842.6	3365.7
0.0	0.0	62.5°	5391.4	2324.1
0.0	0.0	65°	3940.2	1643.9
0.0	0.0	67.5°	2830.1	1228.8
		70°	1860.8	941.5
		72.5°	1212.1	767.3
		75°	815.5	635.7
		77.5°	476.3	422.6
		80°	168.7	148.3
		82.5°	31.5	22.2
		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: P1048975

CATALOG NUMBER: GALN-SA5C-730-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-4

Test Date: 10/10/2024

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

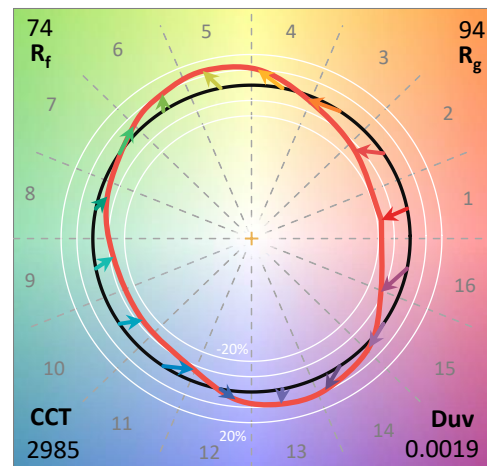
Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985	CRI (Ra):	70.8		
CIE u':	0.2504	R1:	66.3	R9:	-43.2
CIE v':	0.5243	R2:	80.6	R10:	57.6
Duv:	0.0019	R3:	94.5	R11:	64.8
CIE x:	0.4408	R4:	68.2	R12:	53.5
CIE y:	0.4101	R5:	66.5	R13:	68.7
CIE z:	0.1491	R6:	74.7	R14:	97.0
Peak Wavelength (nm):	595	R7:	76.2	R15:	56.4
Dominant Wavelength (nm):	582	R8:	39.6		
Purity:	55.41818				
Rf:	73.8				
Rg:	94.4				



Test Conditions

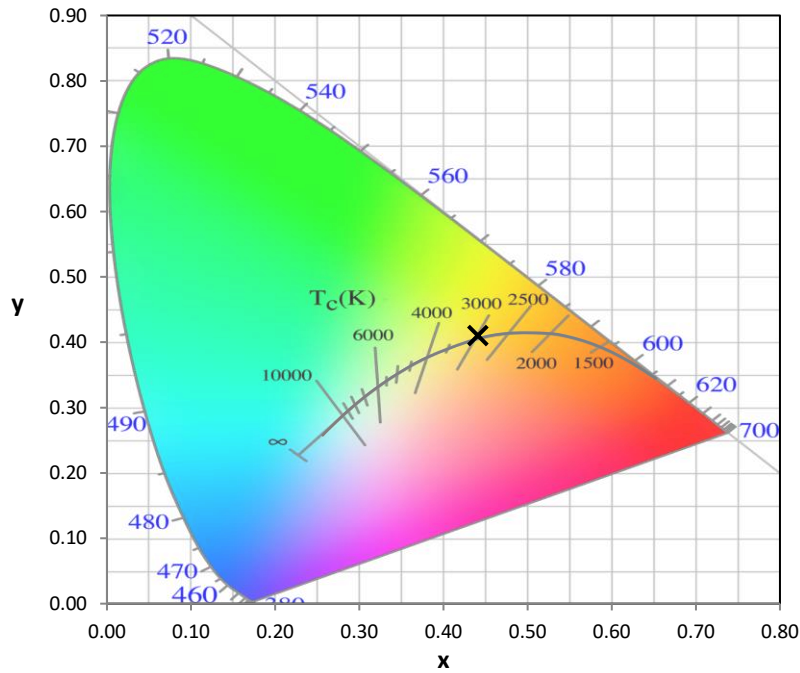
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

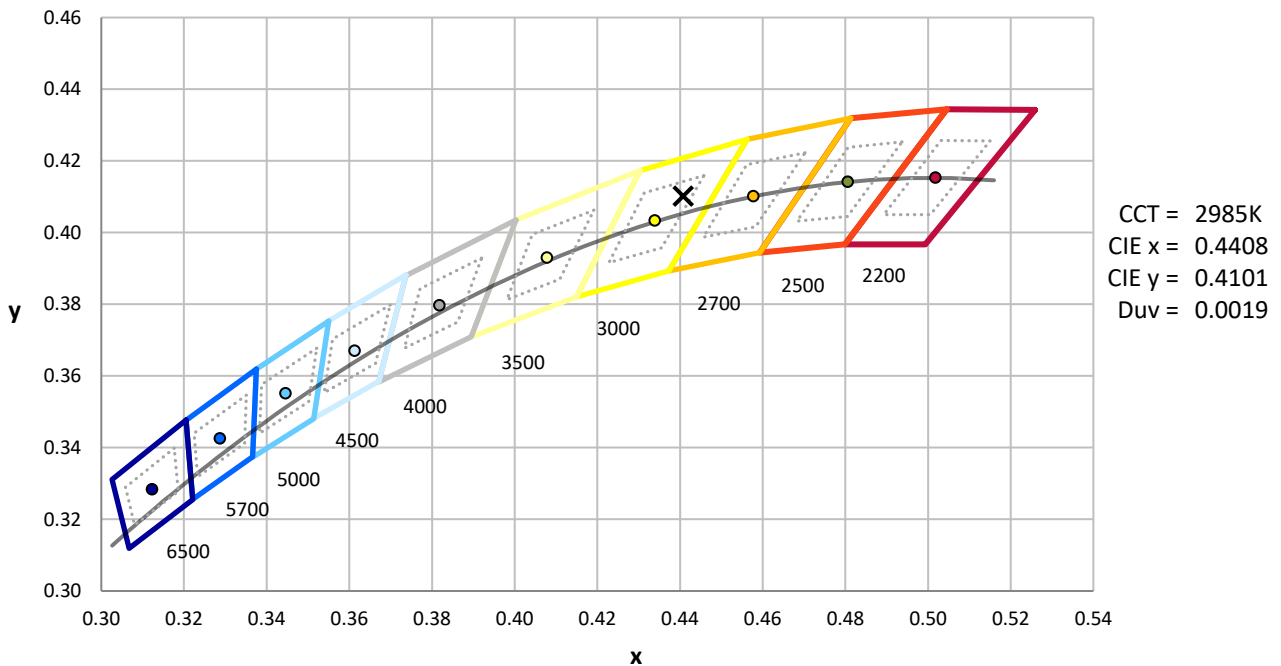
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



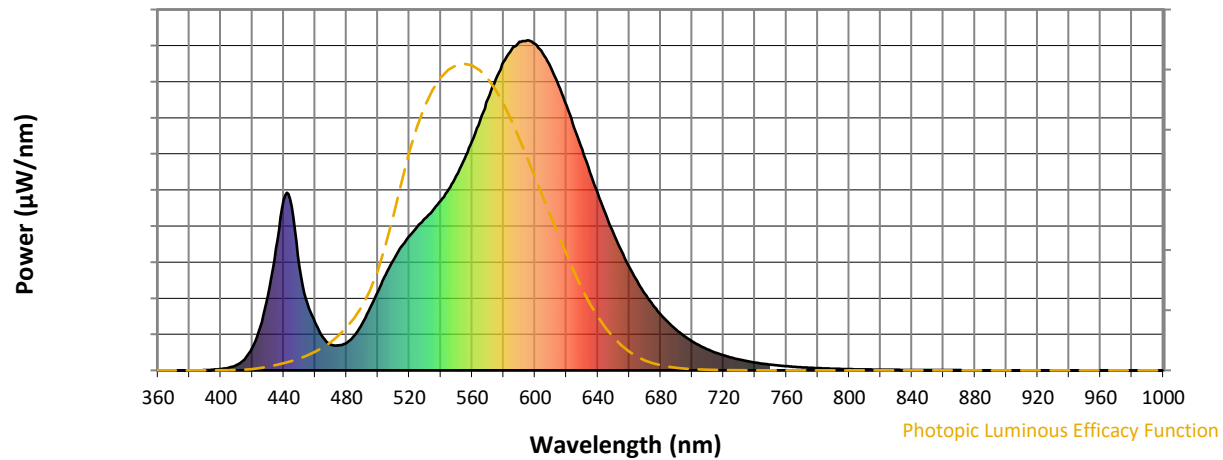
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

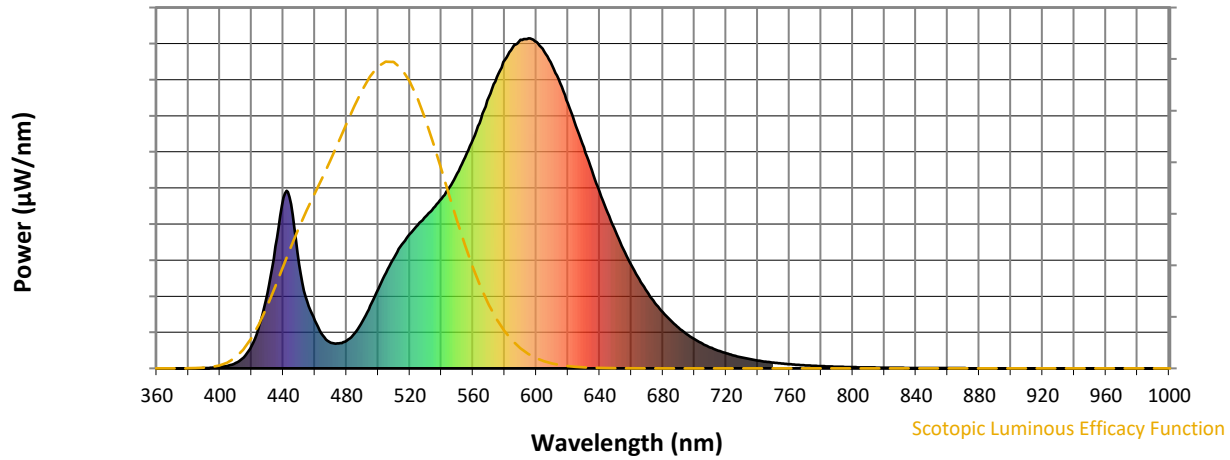


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



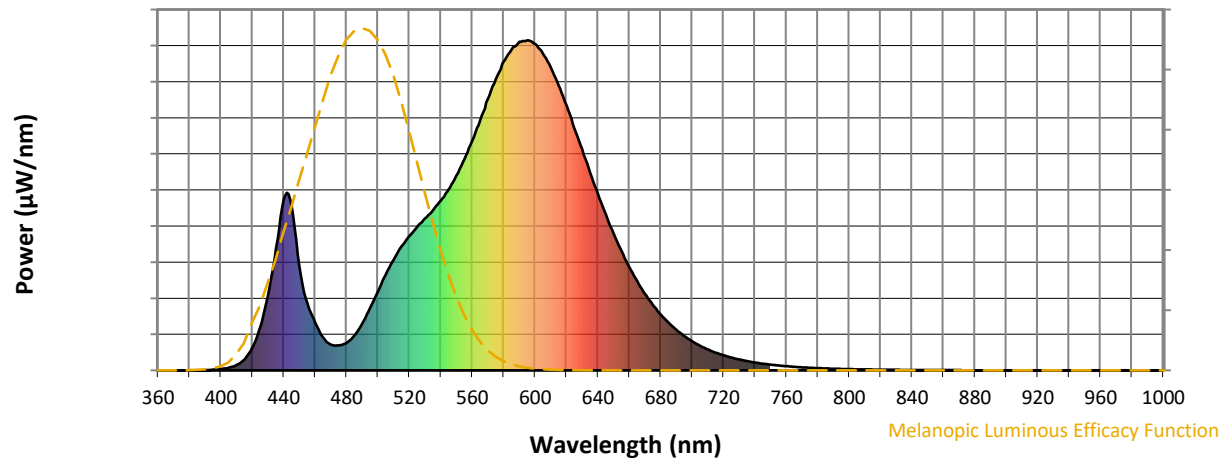
Scotopic Lumens: NR

S/P: 1.19

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

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.13

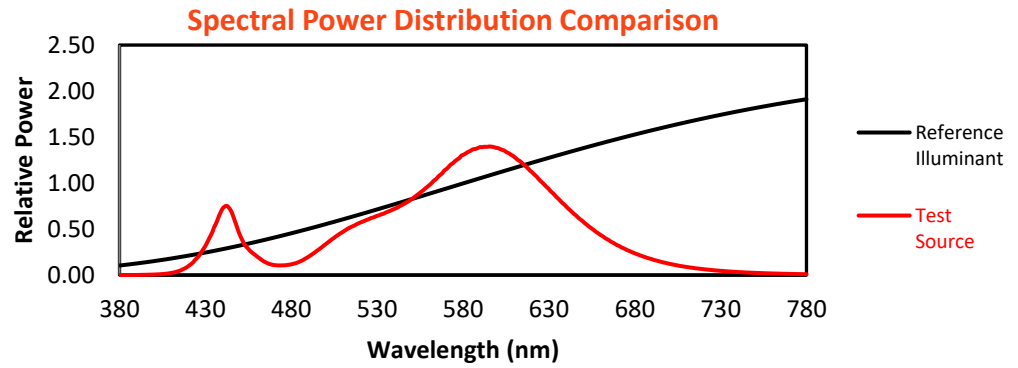
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803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

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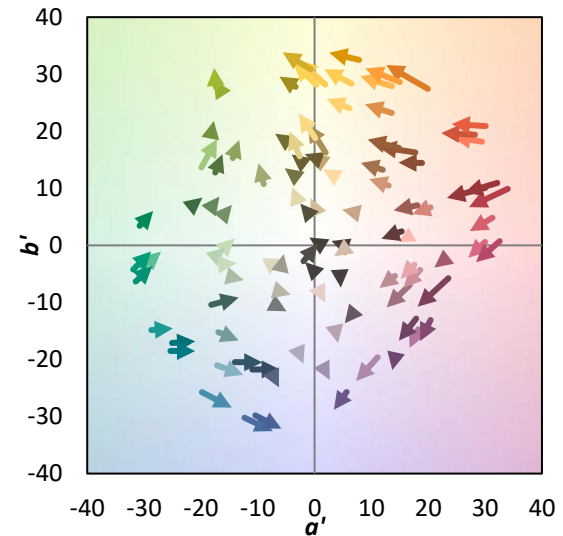
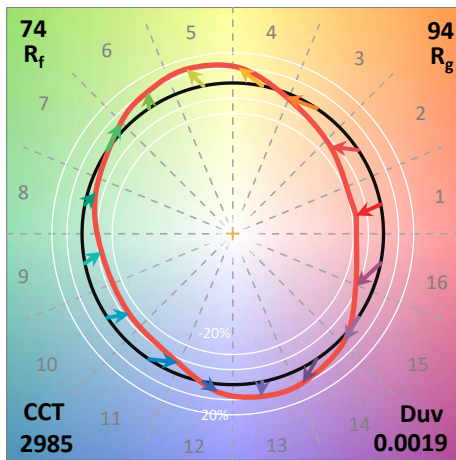
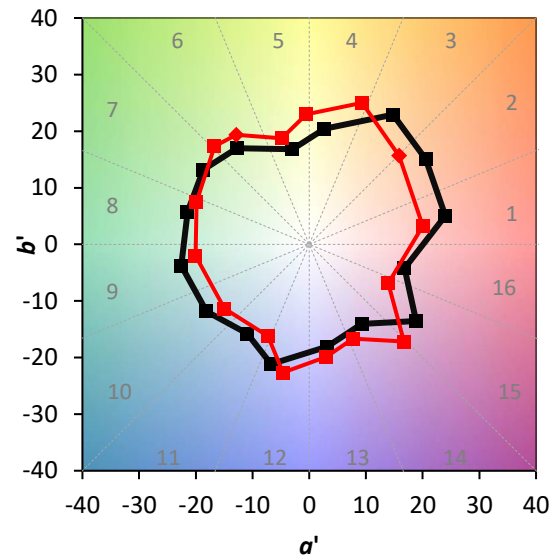
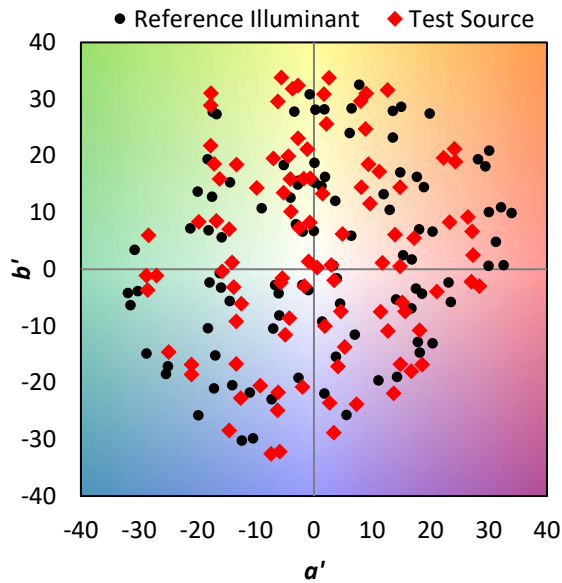
TM-30-18

Summary

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

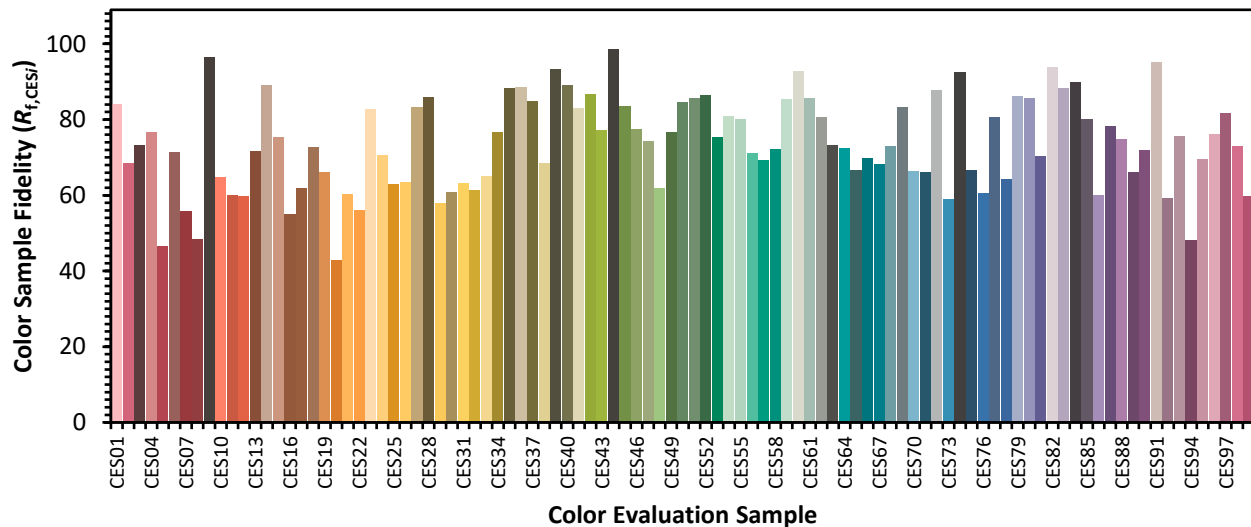


Color Vector Graphics

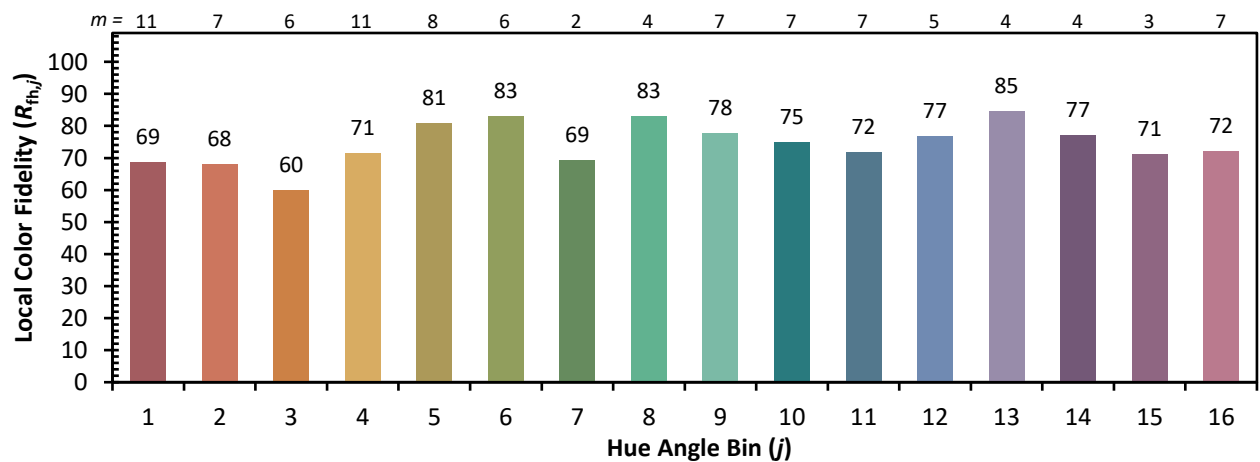
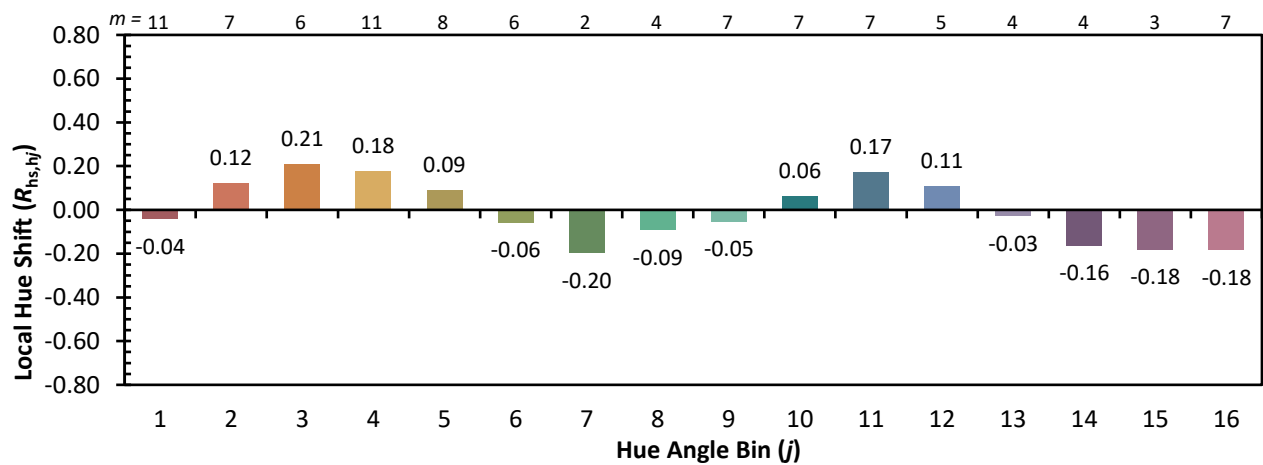
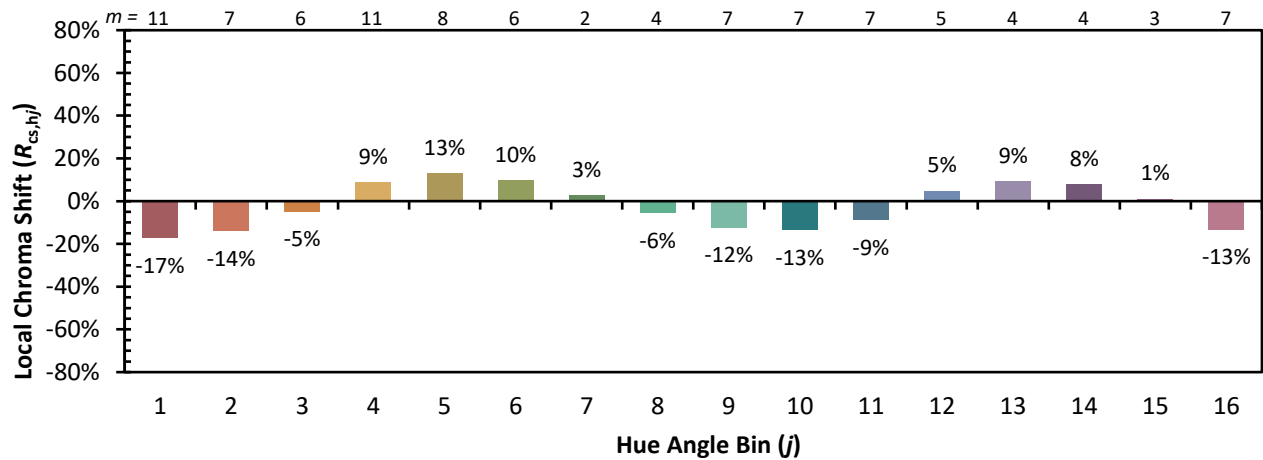


Individual Sample Fidelity Index ($R_{f,i}$)

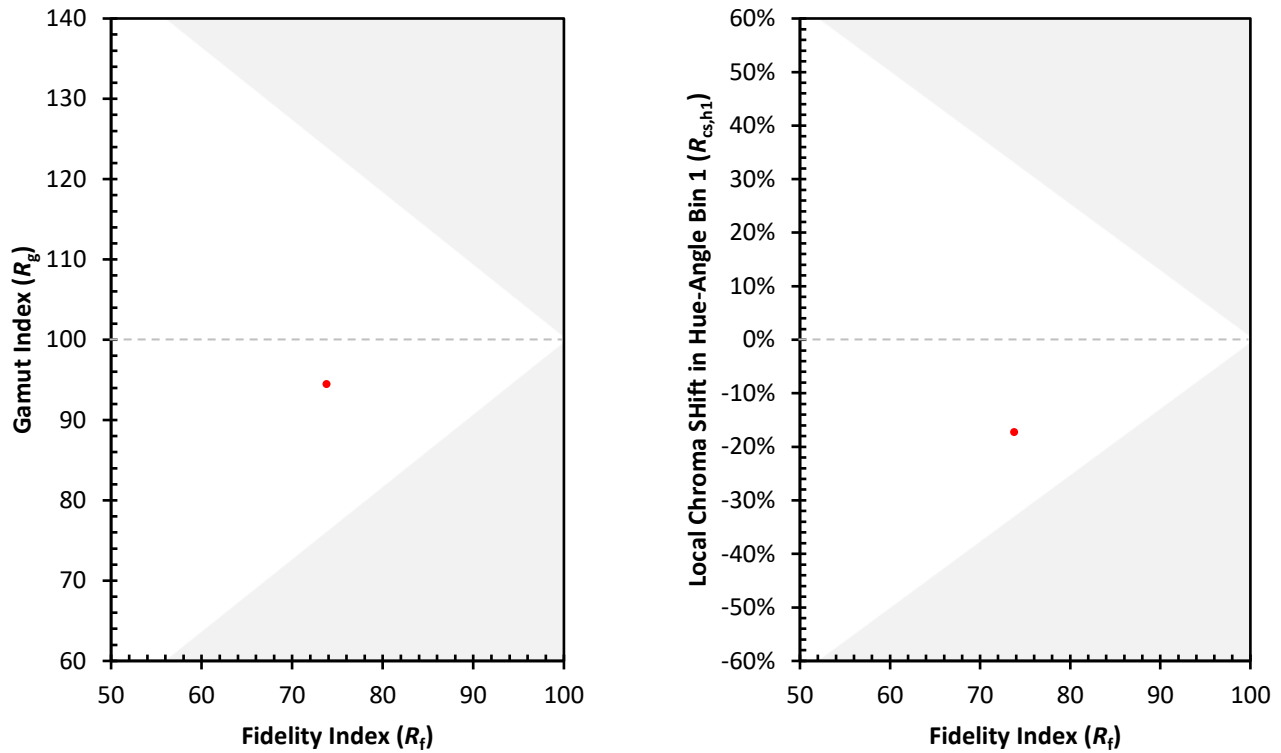
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)