

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: P1048974

Luminaire Tested: **GALN-SA5B-730-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1048974
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5B-730-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 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: 19728.3 lumens
Efficiency: N/A
Efficacy: 110.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

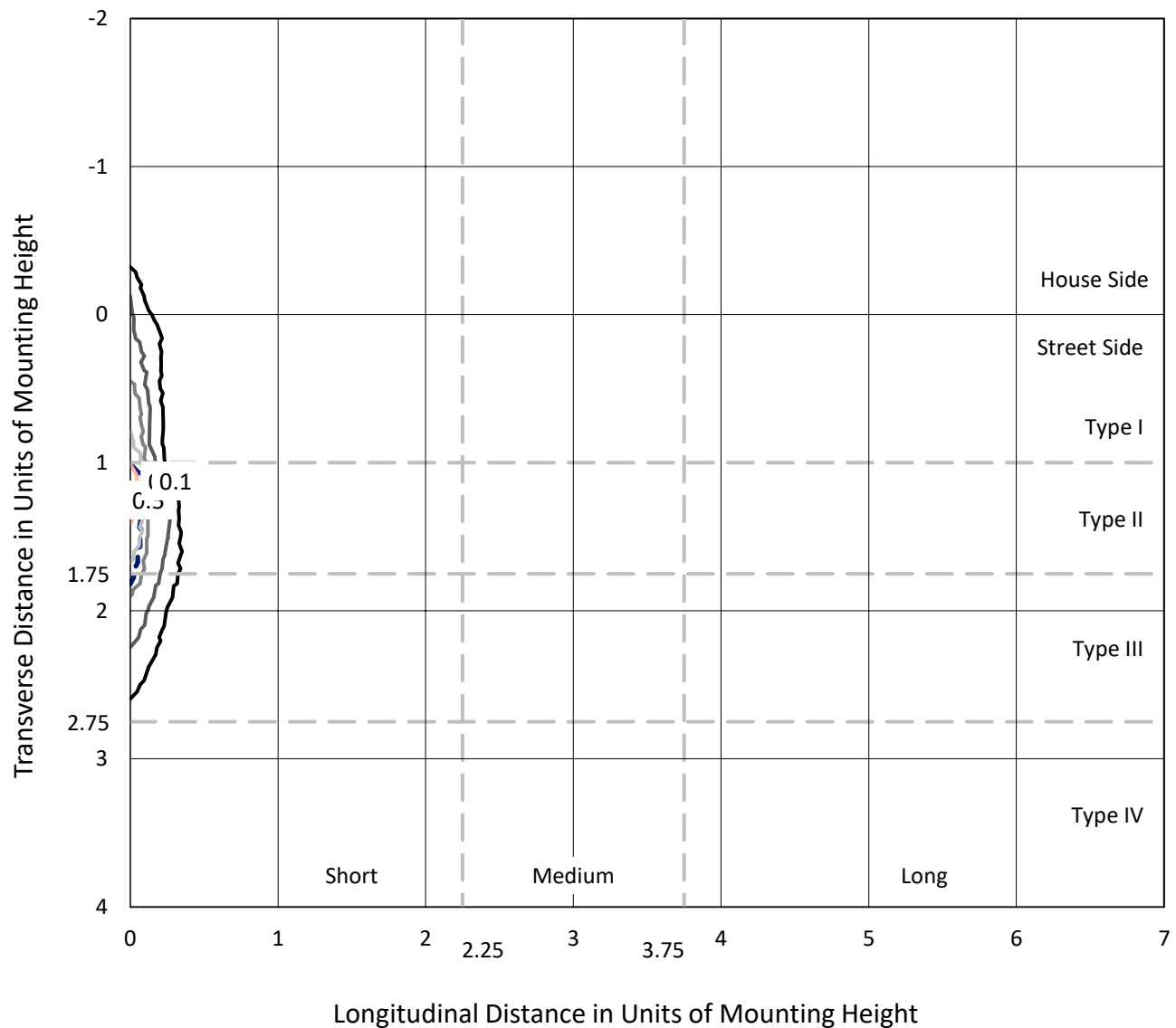
Input Watts (W): 178.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

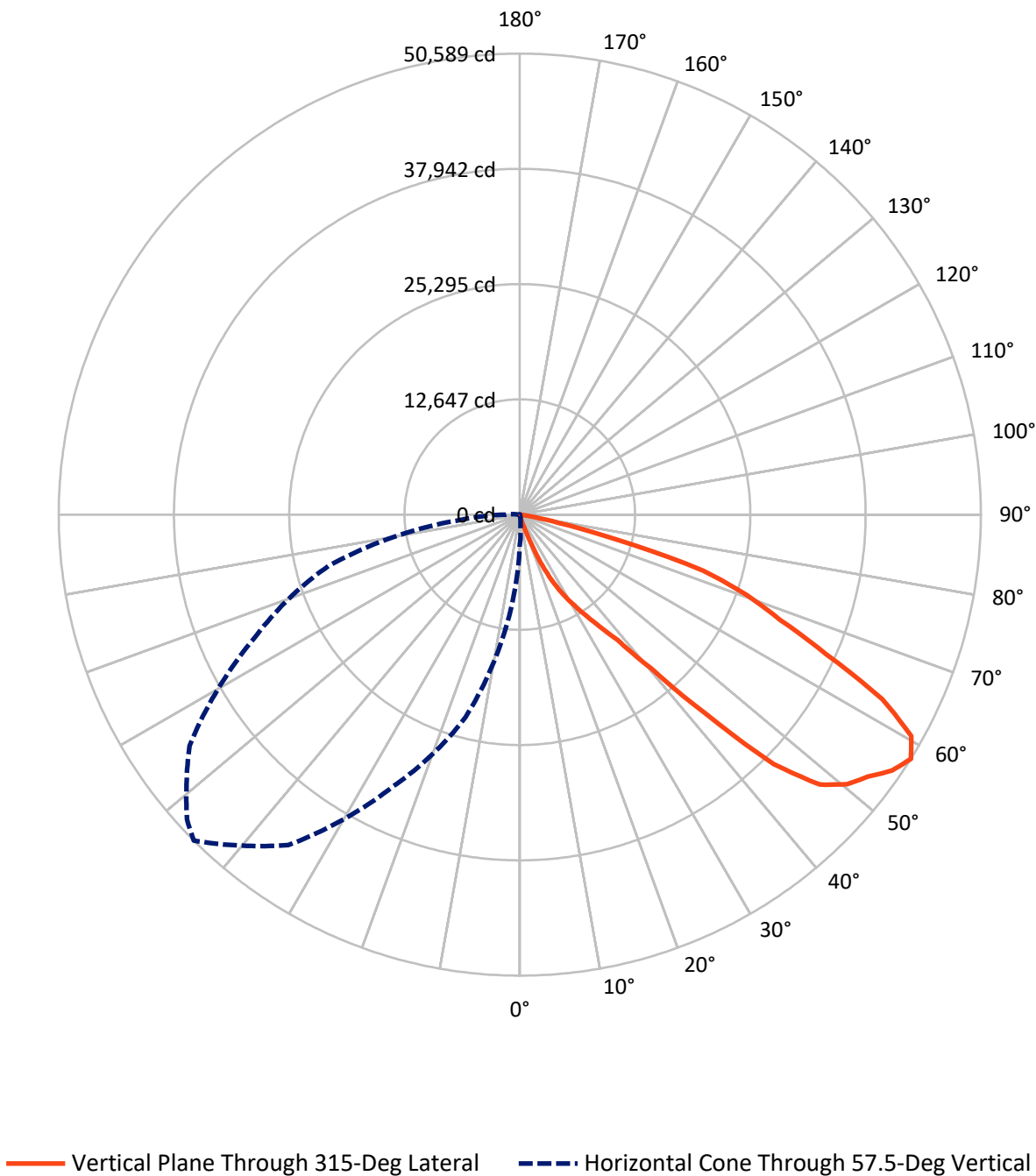


Based on 20 foot mounting height. Maximum calculated value = 2.9 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	98.8	0.0	98.8
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	19629.5	0.0	19629.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	19728.3	0.0	19728.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.7	0.0
10°-20°	43.3	0.2
20°-30°	467.5	2.4
30°-40°	1382.6	7.0
40°-50°	4120.5	20.9
50°-60°	6533.6	33.1
60°-70°	5453.9	27.6
70°-80°	1681.8	8.5
80°-90°	37.4	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°	19728.3	100.0
0°-180°	19728.3	100.0

Coefficient of Utilization



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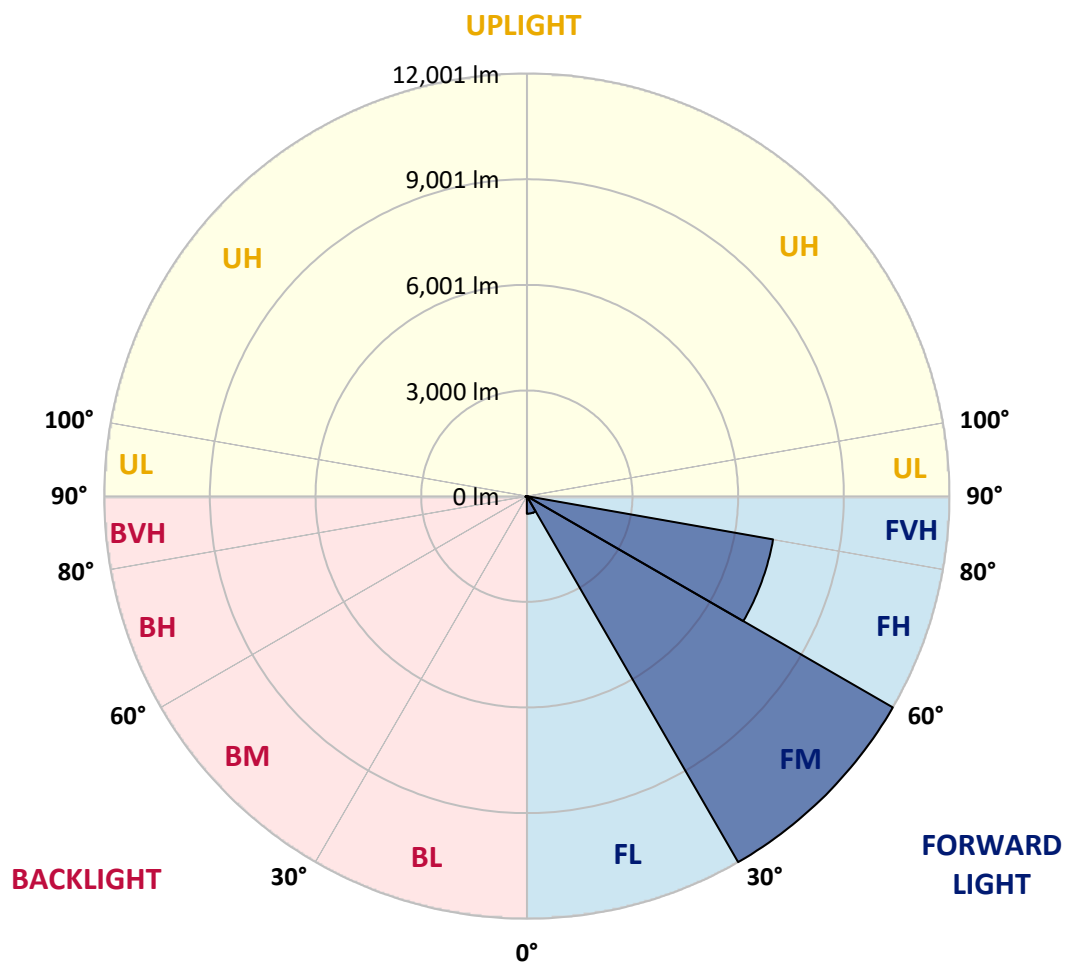
CATALOG NUMBER: GALN-SA5B-730-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	500.5	2.5			
FM	(30°-60°)	12001.3	60.8			
FH	(60°-80°)	7098.9	36.0			G3/7500
FVH	(80°-90°)	28.9	0.1			G1/100
BL	(0°-30°)	18.1	0.1	B0/110		
BM	(30°-60°)	35.3	0.2	B0/220		
BH	(60°-80°)	36.8	0.2	B0/110		G0/110
BVH	(80°-90°)	8.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

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°	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
2.5°	79.0	79.0	79.0	79.0	77.5	77.5	76.0	76.0	74.5	74.5
5°	83.5	83.5	82.0	80.5	80.5	79.0	77.5	76.0	76.0	74.5
7.5°	90.9	89.5	88.0	86.5	83.5	82.0	79.0	77.5	76.0	73.1
10°	99.9	96.9	93.9	90.9	88.0	85.0	82.0	80.5	77.5	76.0
12.5°	111.8	107.3	101.4	96.9	93.9	89.5	86.5	83.5	79.0	76.0
15°	122.2	116.3	108.8	102.9	98.4	92.4	88.0	83.5	80.5	76.0
17.5°	137.2	126.7	114.8	107.3	101.4	93.9	86.5	82.0	77.5	71.6
20°	162.5	141.6	119.3	110.3	101.4	92.4	83.5	77.5	73.1	67.1
22.5°	202.8	167.0	131.2	117.8	105.9	92.4	80.5	74.5	68.6	62.6
25°	280.3	216.2	152.1	134.2	116.3	98.4	80.5	73.1	67.1	59.6
27.5°	372.7	277.3	180.4	155.0	131.2	105.9	80.5	71.6	64.1	55.2
30°	466.6	339.9	211.7	178.9	146.1	113.3	80.5	70.1	61.1	50.7
32.5°	556.1	398.1	238.5	199.8	161.0	120.8	82.0	70.1	58.1	46.2
35°	647.0	445.8	243.0	202.8	162.5	120.8	80.5	67.1	55.2	41.7
37.5°	763.3	499.4	234.1	193.8	155.0	114.8	76.0	64.1	52.2	38.8
40°	939.2	588.9	238.5	196.8	155.0	113.3	71.6	59.6	49.2	37.3
42.5°	1264.2	761.8	257.9	210.2	162.5	113.3	65.6	55.2	46.2	35.8
45°	2185.6	1265.7	345.9	274.3	202.8	131.2	59.6	50.7	43.2	34.3
47.5°	3615.3	2118.5	621.7	480.1	339.9	198.3	58.1	50.7	43.2	34.3
50°	4614.2	2698.4	782.7	602.3	421.9	241.5	61.1	52.2	44.7	35.8
52.5°	4606.7	2740.2	872.1	669.4	468.1	265.4	64.1	55.2	47.7	38.8
55°	4095.4	2492.7	888.5	682.8	478.6	272.8	68.6	59.6	50.7	41.7
57.5°	3423.0	2117.0	811.0	627.6	445.8	262.4	79.0	68.6	59.6	49.2
60°	2707.4	1669.8	632.1	499.4	368.2	235.6	104.4	90.9	79.0	65.6
62.5°	1869.5	1210.6	551.6	442.8	335.4	226.6	119.3	105.9	93.9	80.5
65°	1322.4	910.9	497.9	405.5	314.6	222.1	129.7	114.8	101.4	86.5
67.5°	988.4	724.6	459.2	380.2	301.2	222.1	143.1	125.2	108.8	90.9
70°	757.4	594.8	430.9	366.7	304.1	240.0	175.9	150.6	126.7	101.4
72.5°	617.2	508.4	398.1	351.8	305.6	259.4	213.2	180.4	147.6	113.3
75°	511.4	435.3	359.3	320.5	283.3	244.5	205.7	175.9	147.6	117.8
77.5°	339.9	310.1	278.8	256.4	234.1	210.2	187.8	162.5	138.6	113.3
80°	119.3	114.8	110.3	119.3	128.2	137.2	146.1	128.2	111.8	93.9
82.5°	17.9	16.4	14.9	16.4	17.9	19.4	20.9	22.4	23.9	25.3
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):

25°		0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
86.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5											
80.5											
88.0											
88.0											
77.5											
26.8											
0.0											
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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°	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
0.0	2.5°	73.1	73.1	71.6	71.6	71.6	70.1	70.1	68.6	68.6	68.6
0.0	5°	71.6	71.6	70.1	68.6	67.1	67.1	65.6	64.1	64.1	62.6
0.0	7.5°	70.1	68.6	67.1	65.6	64.1	62.6	61.1	59.6	59.6	58.1
0.0	10°	71.6	68.6	67.1	64.1	62.6	61.1	58.1	56.7	55.2	55.2
0.0	12.5°	68.6	67.1	64.1	61.1	59.6	56.7	55.2	52.2	50.7	50.7
0.0	15°	68.6	65.6	61.1	58.1	55.2	53.7	50.7	47.7	46.2	44.7
0.0	17.5°	64.1	61.1	56.7	53.7	50.7	47.7	44.7	41.7	40.3	38.8
0.0	20°	58.1	55.2	50.7	46.2	43.2	40.3	37.3	34.3	32.8	31.3
0.0	22.5°	52.2	49.2	44.7	40.3	37.3	34.3	29.8	26.8	25.3	22.4
0.0	25°	49.2	44.7	40.3	35.8	31.3	28.3	23.9	19.4	16.4	13.4
0.0	27.5°	41.7	37.3	32.8	28.3	23.9	19.4	14.9	10.4	7.5	6.0
0.0	30°	35.8	31.3	26.8	22.4	16.4	11.9	7.5	1.5	1.5	1.5
0.0	32.5°	29.8	25.3	19.4	14.9	11.9	7.5	4.5	0.0	0.0	0.0
0.0	35°	23.9	19.4	13.4	8.9	7.5	4.5	3.0	0.0	0.0	0.0
0.0	37.5°	20.9	16.4	10.4	4.5	3.0	3.0	1.5	0.0	0.0	0.0
0.0	40°	19.4	13.4	7.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0
0.0	42.5°	19.4	13.4	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	19.4	13.4	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	19.4	13.4	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	20.9	14.9	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	23.9	17.9	11.9	6.0	4.5	3.0	1.5	0.0	0.0	0.0
0.0	55°	29.8	26.8	22.4	19.4	14.9	10.4	4.5	0.0	0.0	0.0
0.0	57.5°	38.8	38.8	37.3	35.8	26.8	17.9	8.9	0.0	0.0	0.0
0.0	60°	52.2	52.2	52.2	52.2	38.8	26.8	13.4	0.0	0.0	0.0
0.0	62.5°	64.1	61.1	56.7	53.7	40.3	26.8	13.4	0.0	0.0	0.0
0.0	65°	64.1	58.1	50.7	43.2	32.8	22.4	10.4	0.0	0.0	0.0
0.0	67.5°	59.6	47.7	34.3	22.4	16.4	11.9	6.0	0.0	0.0	0.0
	70°	59.6	41.7	23.9	6.0	4.5	3.0	1.5	0.0	0.0	0.0
	72.5°	59.6	40.3	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	65.6	44.7	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	65.6	44.7	22.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	58.1	38.8	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	19.4	13.4	6.0	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°	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
0.0	2.5°	67.1	67.1	67.1	65.6	65.6	65.6	65.6	64.1	64.1	64.1
0.0	5°	61.1	61.1	59.6	59.6	58.1	58.1	56.7	56.7	55.2	55.2
0.0	7.5°	56.7	55.2	55.2	53.7	52.2	52.2	50.7	50.7	49.2	47.7
0.0	10°	52.2	50.7	50.7	49.2	47.7	46.2	46.2	44.7	43.2	41.7
0.0	12.5°	47.7	46.2	44.7	43.2	41.7	40.3	40.3	38.8	37.3	35.8
0.0	15°	41.7	40.3	38.8	37.3	35.8	34.3	34.3	32.8	31.3	29.8
0.0	17.5°	35.8	34.3	34.3	32.8	31.3	29.8	28.3	25.3	23.9	22.4
0.0	20°	26.8	25.3	23.9	22.4	20.9	17.9	16.4	13.4	10.4	8.9
0.0	22.5°	17.9	14.9	13.4	10.4	7.5	6.0	4.5	1.5	0.0	0.0
0.0	25°	6.0	4.5	3.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048974

CATALOG NUMBER: GALN-SA5B-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1048974

CATALOG NUMBER: GALN-SA5B-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°	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
0.0	2.5°	62.6	62.6	62.6	61.1	61.1	61.1	61.1	61.1	61.1	61.1
0.0	5°	53.7	53.7	53.7	52.2	52.2	50.7	50.7	50.7	49.2	49.2
0.0	7.5°	46.2	44.7	44.7	43.2	43.2	41.7	41.7	41.7	40.3	40.3
0.0	10°	38.8	37.3	37.3	35.8	35.8	34.3	34.3	32.8	32.8	31.3
0.0	12.5°	34.3	32.8	31.3	29.8	29.8	28.3	26.8	26.8	25.3	23.9
0.0	15°	26.8	25.3	23.9	22.4	20.9	19.4	17.9	17.9	16.4	14.9
0.0	17.5°	17.9	14.9	13.4	11.9	11.9	10.4	8.9	7.5	6.0	4.5
0.0	20°	4.5	3.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P1048974

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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048974

CATALOG NUMBER: GALN-SA5B-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°	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
0.0	2.5°	61.1	59.6	59.6	59.6	61.1	61.1	61.1	61.1	61.1	61.1
0.0	5°	49.2	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
0.0	7.5°	40.3	38.8	38.8	38.8	38.8	37.3	37.3	37.3	37.3	37.3
0.0	10°	31.3	29.8	29.8	29.8	29.8	28.3	28.3	28.3	28.3	28.3
0.0	12.5°	22.4	22.4	20.9	20.9	20.9	19.4	19.4	19.4	19.4	17.9
0.0	15°	13.4	11.9	10.4	10.4	10.4	8.9	8.9	8.9	8.9	7.5
0.0	17.5°	3.0	3.0	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P1048974

CATALOG NUMBER: GALN-SA5B-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°	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
0.0	2.5°	62.6	62.6	64.1	64.1	65.6	68.6	70.1	71.6	74.5	77.5
0.0	5°	49.2	50.7	50.7	52.2	53.7	55.2	56.7	58.1	61.1	64.1
0.0	7.5°	38.8	38.8	40.3	40.3	41.7	44.7	46.2	47.7	50.7	55.2
0.0	10°	29.8	29.8	31.3	31.3	32.8	35.8	37.3	38.8	41.7	46.2
0.0	12.5°	19.4	20.9	20.9	22.4	23.9	26.8	28.3	29.8	32.8	35.8
0.0	15°	8.9	10.4	10.4	11.9	13.4	16.4	17.9	19.4	22.4	26.8
0.0	17.5°	1.5	1.5	3.0	3.0	4.5	6.0	7.5	8.9	13.4	16.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048974

CATALOG NUMBER: GALN-SA5B-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048974

CATALOG NUMBER: GALN-SA5B-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°	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
0.0	2.5°	82.0	85.0	88.0	90.9	93.9	96.9	98.4	101.4	102.9	104.4
0.0	5°	70.1	73.1	77.5	80.5	83.5	86.5	89.5	90.9	92.4	93.9
0.0	7.5°	61.1	64.1	68.6	71.6	74.5	77.5	80.5	83.5	85.0	86.5
0.0	10°	52.2	56.7	59.6	64.1	67.1	70.1	73.1	76.0	79.0	80.5
0.0	12.5°	41.7	46.2	50.7	53.7	58.1	62.6	65.6	68.6	71.6	74.5
0.0	15°	32.8	37.3	41.7	44.7	49.2	53.7	58.1	61.1	64.1	67.1
0.0	17.5°	23.9	28.3	32.8	35.8	40.3	44.7	47.7	52.2	55.2	58.1
0.0	20°	11.9	16.4	20.9	25.3	29.8	34.3	37.3	41.7	44.7	47.7
0.0	22.5°	1.5	6.0	10.4	13.4	17.9	22.4	25.3	29.8	32.8	35.8
0.0	25°	0.0	1.5	4.5	6.0	7.5	10.4	13.4	16.4	19.4	22.4
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.5	3.0	6.0	8.9	11.9
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
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	1.5
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	3.0
	85°	0.0	0.0	0.0	0.0	0.0	3.0	4.5	7.5	8.9	10.4
	87.5°	0.0	1.5	3.0	4.5	6.0	8.9	11.9	14.9	16.4	17.9
	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: P1048974

CATALOG NUMBER: GALN-SA5B-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
86.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.5	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											
1.5											
6.0											
13.4											
19.4											
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REPORT NUMBER: P1048974

CATALOG NUMBER: GALN-SA5B-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°	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
0.0	2.5°	105.9	105.9	105.9	105.9	104.4	104.4	104.4	102.9	102.9	101.4
0.0	5°	96.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	96.9	96.9
0.0	7.5°	89.5	90.9	92.4	92.4	93.9	93.9	93.9	92.4	92.4	90.9
0.0	10°	85.0	86.5	86.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0
0.0	12.5°	79.0	80.5	82.0	82.0	83.5	83.5	83.5	83.5	82.0	82.0
0.0	15°	71.6	74.5	76.0	77.5	77.5	79.0	79.0	79.0	79.0	79.0
0.0	17.5°	65.6	68.6	70.1	71.6	71.6	73.1	73.1	74.5	74.5	74.5
0.0	20°	53.7	56.7	58.1	61.1	62.6	64.1	65.6	67.1	67.1	68.6
0.0	22.5°	41.7	44.7	46.2	49.2	50.7	52.2	53.7	55.2	56.7	58.1
0.0	25°	29.8	32.8	34.3	37.3	38.8	40.3	41.7	43.2	43.2	44.7
0.0	27.5°	16.4	19.4	22.4	23.9	26.8	28.3	29.8	31.3	32.8	34.3
0.0	30°	7.5	8.9	10.4	13.4	14.9	16.4	17.9	20.9	22.4	23.9
0.0	32.5°	0.0	0.0	1.5	4.5	6.0	7.5	8.9	10.4	10.4	11.9
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.0	4.5	6.0
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°	3.0	3.0	3.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5
	82.5°	7.5	8.9	10.4	10.4	11.9	11.9	11.9	11.9	10.4	10.4
	85°	14.9	16.4	17.9	17.9	19.4	19.4	19.4	19.4	19.4	19.4
	87.5°	20.9	22.4	23.9	23.9	25.3	25.3	25.3	25.3	25.3	25.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048974

CATALOG NUMBER: GALN-SA5B-730-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
86.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
4.5											
10.4											
19.4											
25.3											
0.0											
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REPORT NUMBER: P1048974

CATALOG NUMBER: GALN-SA5B-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°	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
0.0	2.5°	99.9	99.9	98.4	98.4	98.4	98.4	98.4	99.9	101.4	101.4
0.0	5°	95.4	95.4	93.9	93.9	93.9	95.4	95.4	96.9	98.4	99.9
0.0	7.5°	90.9	89.5	89.5	90.9	90.9	92.4	92.4	93.9	95.4	96.9
0.0	10°	88.0	86.5	86.5	86.5	88.0	88.0	89.5	90.9	92.4	93.9
0.0	12.5°	82.0	82.0	82.0	82.0	83.5	83.5	85.0	86.5	89.5	90.9
0.0	15°	79.0	77.5	77.5	77.5	77.5	79.0	79.0	82.0	85.0	86.5
0.0	17.5°	73.1	73.1	71.6	71.6	73.1	73.1	74.5	77.5	80.5	82.0
0.0	20°	67.1	65.6	64.1	64.1	65.6	65.6	67.1	70.1	73.1	74.5
0.0	22.5°	58.1	56.7	56.7	56.7	56.7	58.1	58.1	61.1	65.6	68.6
0.0	25°	46.2	47.7	47.7	49.2	49.2	50.7	52.2	55.2	59.6	62.6
0.0	27.5°	35.8	37.3	37.3	40.3	41.7	43.2	44.7	49.2	53.7	56.7
0.0	30°	26.8	28.3	29.8	31.3	34.3	37.3	40.3	44.7	49.2	52.2
0.0	32.5°	16.4	19.4	20.9	23.9	26.8	29.8	32.8	37.3	43.2	47.7
0.0	35°	11.9	13.4	16.4	17.9	20.9	23.9	26.8	32.8	37.3	43.2
0.0	37.5°	6.0	8.9	11.9	14.9	17.9	20.9	23.9	29.8	35.8	40.3
0.0	40°	4.5	7.5	8.9	11.9	16.4	19.4	22.4	28.3	34.3	40.3
0.0	42.5°	3.0	4.5	6.0	10.4	13.4	17.9	22.4	28.3	34.3	40.3
0.0	45°	3.0	3.0	4.5	8.9	13.4	19.4	23.9	29.8	34.3	40.3
0.0	47.5°	3.0	4.5	6.0	11.9	14.9	19.4	23.9	28.3	34.3	38.8
0.0	50°	4.5	6.0	7.5	13.4	16.4	20.9	23.9	29.8	34.3	40.3
0.0	52.5°	3.0	4.5	6.0	11.9	16.4	22.4	26.8	32.8	38.8	43.2
0.0	55°	1.5	1.5	1.5	8.9	17.9	25.3	34.3	38.8	44.7	49.2
0.0	57.5°	0.0	0.0	0.0	6.0	17.9	28.3	38.8	44.7	50.7	55.2
0.0	60°	0.0	0.0	0.0	6.0	17.9	28.3	38.8	46.2	53.7	61.1
0.0	62.5°	0.0	0.0	0.0	6.0	14.9	23.9	32.8	44.7	58.1	70.1
0.0	65°	0.0	0.0	0.0	4.5	11.9	19.4	26.8	44.7	62.6	79.0
0.0	67.5°	0.0	0.0	0.0	4.5	11.9	17.9	25.3	44.7	62.6	82.0
	70°	0.0	0.0	0.0	4.5	11.9	19.4	26.8	44.7	62.6	80.5
	72.5°	0.0	0.0	0.0	4.5	13.4	20.9	29.8	44.7	59.6	74.5
	75°	0.0	0.0	0.0	6.0	13.4	22.4	31.3	44.7	58.1	70.1
	77.5°	0.0	0.0	0.0	4.5	13.4	20.9	29.8	43.2	56.7	68.6
	80°	4.5	3.0	3.0	7.5	13.4	19.4	25.3	38.8	53.7	67.1
	82.5°	8.9	8.9	7.5	10.4	13.4	17.9	22.4	34.3	47.7	59.6
	85°	17.9	17.9	16.4	17.9	17.9	19.4	20.9	26.8	32.8	38.8
	87.5°	23.9	23.9	22.4	22.4	22.4	20.9	20.9	20.9	20.9	19.4
	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

REPORT NUMBER: P1048974

CATALOG NUMBER: GALN-SA5B-730-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
86.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.4											
89.5											
83.5											
82.0											
80.5											
71.6											
44.7											
19.4											
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REPORT NUMBER: P1048974

CATALOG NUMBER: GALN-SA5B-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°	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
0.0	2.5°	104.4	105.9	105.9	107.3	108.8	110.3	110.3	111.8	111.8	111.8
0.0	5°	102.9	105.9	107.3	108.8	110.3	111.8	113.3	114.8	116.3	116.3
0.0	7.5°	101.4	102.9	105.9	107.3	110.3	111.8	114.8	116.3	117.8	119.3
0.0	10°	98.4	101.4	104.4	107.3	110.3	113.3	116.3	119.3	122.2	123.7
0.0	12.5°	95.4	99.9	102.9	105.9	110.3	114.8	117.8	122.2	125.2	128.2
0.0	15°	93.9	96.9	101.4	104.4	110.3	116.3	120.8	126.7	132.7	137.2
0.0	17.5°	89.5	95.4	99.9	104.4	110.3	117.8	123.7	129.7	138.6	147.6
0.0	20°	83.5	88.0	93.9	98.4	107.3	114.8	123.7	131.2	144.6	158.0
0.0	22.5°	77.5	83.5	88.0	93.9	104.4	113.3	123.7	132.7	155.0	175.9
0.0	25°	71.6	79.0	85.0	90.9	102.9	114.8	126.7	138.6	175.9	213.2
0.0	27.5°	68.6	74.5	82.0	88.0	102.9	119.3	134.2	149.1	208.7	266.9
0.0	30°	64.1	71.6	77.5	85.0	104.4	123.7	143.1	162.5	253.4	344.4
0.0	32.5°	59.6	67.1	74.5	82.0	107.3	132.7	156.5	181.9	301.2	418.9
0.0	35°	55.2	64.1	71.6	79.0	111.8	146.1	178.9	211.7	344.4	475.6
0.0	37.5°	53.7	62.6	70.1	77.5	113.3	147.6	183.4	217.7	348.9	480.1
0.0	40°	55.2	62.6	71.6	79.0	108.8	138.6	167.0	196.8	334.0	469.6
0.0	42.5°	55.2	64.1	73.1	82.0	105.9	129.7	153.6	177.4	329.5	481.5
0.0	45°	53.7	62.6	71.6	80.5	102.9	123.7	146.1	167.0	356.3	544.2
0.0	47.5°	52.2	61.1	70.1	79.0	101.4	123.7	146.1	168.5	460.7	751.4
0.0	50°	52.2	61.1	68.6	76.0	102.9	131.2	158.0	184.9	670.9	1155.4
0.0	52.5°	55.2	62.6	68.6	74.5	105.9	138.6	170.0	201.3	852.8	1502.8
0.0	55°	59.6	64.1	70.1	74.5	113.3	150.6	189.3	226.6	907.9	1589.2
0.0	57.5°	65.6	70.1	74.5	79.0	126.7	174.4	220.6	268.4	912.4	1555.0
0.0	60°	73.1	79.0	83.5	88.0	138.6	190.8	241.5	292.2	825.9	1358.2
0.0	62.5°	89.5	96.9	102.9	110.3	159.5	207.2	256.4	304.1	685.8	1067.4
0.0	65°	102.9	108.8	114.8	120.8	168.5	217.7	265.4	313.1	581.4	849.8
0.0	67.5°	105.9	111.8	116.3	122.2	171.4	220.6	268.4	317.6	497.9	676.8
	70°	107.3	114.8	123.7	131.2	181.9	232.6	281.8	332.5	441.3	550.1
	72.5°	102.9	117.8	131.2	144.6	192.3	238.5	286.2	332.5	410.0	487.5
	75°	102.9	123.7	143.1	162.5	198.3	232.6	268.4	302.6	362.3	421.9
	77.5°	108.8	135.7	162.5	189.3	210.2	229.6	250.5	269.8	308.6	347.4
	80°	108.8	137.2	164.0	192.3	201.3	211.7	220.6	229.6	234.1	238.5
	82.5°	93.9	116.3	138.6	161.0	150.6	140.1	129.7	119.3	111.8	102.9
	85°	47.7	52.2	55.2	58.1	53.7	49.2	44.7	40.3	37.3	32.8
	87.5°	19.4	19.4	17.9	17.9	17.9	17.9	16.4	16.4	16.4	16.4
	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

REPORT NUMBER: P1048974

CATALOG NUMBER: GALN-SA5B-730-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
86.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
234.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
317.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
441.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
597.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
746.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
848.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
924.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1000.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1149.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1447.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2206.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3379.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4254.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4351.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3926.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3357.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2623.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1464.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1036.1											
770.8											
560.6											
421.9											
237.0											
107.3											
31.3											
14.9											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA5B-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°	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
0.0	2.5°	111.8	110.3	110.3	108.8	107.3	105.9	104.4	102.9	101.4	99.9
0.0	5°	116.3	116.3	116.3	114.8	114.8	113.3	113.3	111.8	110.3	108.8
0.0	7.5°	120.8	122.2	122.2	123.7	123.7	123.7	123.7	122.2	122.2	122.2
0.0	10°	128.2	129.7	131.2	132.7	134.2	135.7	135.7	137.2	137.2	137.2
0.0	12.5°	137.2	141.6	144.6	149.1	152.1	156.5	159.5	164.0	167.0	170.0
0.0	15°	150.6	158.0	167.0	174.4	181.9	192.3	204.2	214.7	225.1	241.5
0.0	17.5°	170.0	193.8	217.7	240.0	263.9	316.1	368.2	418.9	471.1	547.1
0.0	20°	207.2	278.8	348.9	420.4	490.5	673.9	855.7	1039.1	1221.0	1416.3
0.0	22.5°	290.7	466.6	642.6	818.5	994.4	1377.5	1759.2	2142.4	2524.0	2972.8
0.0	25°	421.9	745.4	1068.9	1391.0	1714.5	2313.8	2914.6	3513.9	4113.3	4696.2
0.0	27.5°	614.2	1109.2	1604.2	2097.6	2592.6	3405.1	4219.1	5031.6	5844.1	6503.1
0.0	30°	851.3	1522.2	2193.0	2863.9	3534.8	4459.1	5383.5	6306.3	7230.6	7950.7
0.0	32.5°	1074.9	1896.4	2717.8	3537.8	4359.2	5411.8	6465.8	7518.4	8570.9	9358.1
0.0	35°	1221.0	2213.9	3208.3	4201.2	5194.1	6333.1	7472.1	8609.7	9748.7	10647.7
0.0	37.5°	1367.1	2513.6	3658.5	4805.0	5950.0	7200.8	8451.6	9702.5	10953.3	12064.0
0.0	40°	1531.1	2875.9	4219.1	5563.9	6907.1	8389.0	9869.4	11351.3	12831.8	14398.6
0.0	42.5°	1815.9	3476.7	5139.0	6799.8	8460.6	10421.1	12381.5	14340.5	16301.0	18537.2
0.0	45°	2351.1	4691.7	7033.8	9374.5	11715.1	14312.2	16910.7	19507.8	22104.9	25080.6
0.0	47.5°	3661.5	6881.8	10100.5	13320.8	16539.5	19343.8	22146.6	24950.9	27753.7	30717.5
0.0	50°	5602.6	9350.6	13098.6	16845.1	20593.1	23130.6	25666.5	28203.9	30739.9	33559.1
0.0	52.5°	7007.0	10911.5	14817.6	18722.1	22626.6	24916.6	27208.0	29498.0	31787.9	34422.3
0.0	55°	7112.9	10995.0	14878.7	18760.9	22643.0	24943.4	27243.8	29544.2	31844.6	34636.9
0.0	57.5°	6297.4	10148.2	13997.6	17848.5	21697.8	24317.3	26935.2	29554.6	32172.6	35191.5
0.0	60°	5356.6	9209.0	13059.9	16912.2	20763.1	23780.6	26799.5	29817.0	32834.5	35662.7
0.0	62.5°	4178.9	8141.5	12105.7	16068.4	20031.1	23094.8	26158.5	29220.7	32284.4	34405.9
0.0	65°	3114.4	6962.3	10810.2	14656.6	18504.4	20958.4	23412.3	25864.8	28318.7	29632.2
0.0	67.5°	2251.2	5569.8	8887.0	12205.6	15522.7	17279.0	19035.2	20789.9	22546.1	23551.0
	70°	1522.2	3821.1	6118.5	8417.3	10714.7	12157.9	13602.5	15045.7	16488.8	17845.5
	72.5°	1054.0	2345.1	3637.7	4928.8	6219.8	7671.9	9122.5	10574.6	12025.2	13460.9
	75°	699.2	1286.6	1875.5	2462.9	3050.3	4125.2	5201.6	6276.5	7351.4	8207.1
	77.5°	496.5	672.4	849.8	1025.7	1201.6	1402.9	1605.6	1806.9	2008.2	2313.8
	80°	235.6	257.9	280.3	301.2	323.5	396.6	469.6	542.7	615.7	693.2
	82.5°	111.8	120.8	129.7	137.2	146.1	153.6	161.0	168.5	175.9	168.5
	85°	29.8	29.8	31.3	31.3	31.3	31.3	31.3	31.3	31.3	29.8
	87.5°	13.4	13.4	13.4	13.4	13.4	13.4	13.4	11.9	11.9	10.4
	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):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
86.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
259.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
621.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1613.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3421.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5279.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7162.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8672.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10146.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11546.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13176.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15965.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20773.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28056.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33681.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36378.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37056.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37430.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38210.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38489.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36528.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30947.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24557.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19200.7											
14896.6											
9062.9											
2619.4											
770.8											
159.5											
28.3											
10.4											
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°	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
0.0	2.5°	96.9	95.4	93.9	92.4	90.9	88.0	88.0	86.5	86.5
0.0	5°	105.9	104.4	102.9	101.4	101.4	99.9	98.4	98.4	96.9
0.0	7.5°	120.8	119.3	117.8	116.3	116.3	114.8	114.8	113.3	113.3
0.0	10°	138.6	138.6	138.6	138.6	138.6	137.2	137.2	137.2	135.7
0.0	12.5°	174.4	175.9	178.9	181.9	186.4	186.4	186.4	184.9	184.9
0.0	15°	275.8	292.2	304.1	316.1	326.5	350.4	347.4	342.9	339.9
0.0	17.5°	697.7	772.3	812.5	851.3	891.5	1001.9	984.0	966.1	949.7
0.0	20°	1808.4	2003.7	2133.4	2263.1	2394.3	2601.5	2550.8	2500.2	2449.5
0.0	22.5°	3868.8	4317.5	4512.8	4708.1	4901.9	5152.4	4989.9	4827.4	4666.4
0.0	25°	5860.5	6443.5	6772.9	7102.4	7430.4	7573.5	7361.8	7148.6	6936.9
0.0	27.5°	7821.0	8480.0	8770.7	9059.9	9350.6	9650.3	9387.9	9124.0	8861.6
0.0	30°	9392.4	10112.4	10427.0	10740.1	11054.7	11263.4	10992.0	10719.2	10447.9
0.0	32.5°	10933.9	11721.1	12065.5	12409.8	12752.7	13052.4	12718.5	12383.0	12049.1
0.0	35°	12444.1	13343.1	13817.2	14291.3	14765.4	15044.2	14647.6	14249.6	13853.0
0.0	37.5°	14286.8	15397.5	15928.3	16459.0	16989.7	17498.1	17061.3	16623.0	16186.2
0.0	40°	17532.4	19099.3	19913.3	20728.8	21542.8	22198.8	21647.2	21095.5	20543.9
0.0	42.5°	23009.8	25246.1	26416.4	27585.2	28755.5	29779.8	29199.8	28619.9	28039.9
0.0	45°	31032.1	34007.8	35434.6	36859.8	38286.6	39035.0	38200.1	37363.7	36528.8
0.0	47.5°	36643.6	39607.4	40877.7	42147.9	43418.1	44272.3	43251.1	42229.9	41210.1
0.0	50°	39196.0	42015.2	43289.8	44563.0	45837.7	46516.0	45336.8	44156.0	42976.8
0.0	52.5°	39689.4	42323.8	43844.4	45366.6	46887.3	47793.7	46401.3	45007.3	43614.9
0.0	55°	40223.2	43015.5	44779.2	46544.4	48308.1	49563.3	47989.0	46413.2	44838.8
0.0	57.5°	41228.0	44247.0	46006.2	47763.9	49523.1	50589.1	49010.2	47429.9	45851.1
0.0	60°	41317.5	44144.1	45655.8	47169.0	48680.8	49351.6	47841.4	46329.7	44819.5
0.0	62.5°	38650.3	40771.8	41821.4	42870.9	43920.5	44649.5	43073.7	41496.4	39920.5
0.0	65°	32260.5	33574.0	34410.3	35246.7	36083.1	36952.2	35509.1	34066.0	32622.8
0.0	67.5°	25562.1	26567.0	27668.7	28770.4	29872.2	30801.0	29645.6	28488.7	27333.3
	70°	20557.3	21912.5	23151.4	24390.3	25629.2	26389.6	25229.7	24068.3	22908.4
	72.5°	16332.3	17768.0	18802.6	19835.8	20870.4	21056.8	20204.0	19351.2	18500.0
	75°	9917.1	10772.9	10793.8	10813.1	10834.0	11011.4	10304.8	9598.1	8892.9
	77.5°	2925.1	3230.7	3482.6	3733.1	3985.0	4289.2	4029.8	3768.9	3509.5
	80°	846.8	924.3	989.9	1054.0	1119.6	1080.9	1019.7	958.6	897.5
	82.5°	152.1	143.1	141.6	140.1	140.1	132.7	120.8	108.8	96.9
	85°	26.8	25.3	23.9	22.4	20.9	19.4	16.4	14.9	11.9
	87.5°	8.9	7.5	6.0	4.5	4.5	1.5	1.5	1.5	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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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°	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
0.0	0.0	2.5°	85.0	83.5	83.5	83.5	83.5	82.0	82.0	82.0	82.0
0.0	0.0	5°	93.9	93.9	92.4	92.4	90.9	90.9	89.5	89.5	88.0
0.0	0.0	7.5°	110.3	108.8	107.3	105.9	104.4	101.4	99.9	98.4	98.4
0.0	0.0	10°	132.7	129.7	128.2	125.2	123.7	120.8	117.8	114.8	111.8
0.0	0.0	12.5°	174.4	168.5	164.0	158.0	152.1	147.6	141.6	137.2	131.2
0.0	0.0	15°	302.6	287.7	271.3	252.0	231.1	211.7	190.8	178.9	165.5
0.0	0.0	17.5°	773.8	696.2	617.2	553.1	489.0	426.4	362.3	316.1	269.8
0.0	0.0	20°	1969.4	1754.7	1540.0	1328.3	1115.2	903.5	690.3	582.9	475.6
0.0	0.0	22.5°	3706.3	3308.2	2908.7	2522.5	2134.9	1748.8	1362.6	1119.6	878.1
0.0	0.0	25°	5720.4	5219.5	4718.5	4083.4	3446.8	2811.7	2176.6	1781.6	1386.5
0.0	0.0	27.5°	7443.8	6866.9	6289.9	5517.6	4745.4	3973.1	3200.9	2612.0	2024.6
0.0	0.0	30°	8936.2	8316.0	7695.8	6796.8	5897.8	4998.8	4099.8	3363.4	2626.9
0.0	0.0	32.5°	10230.2	9487.8	8745.3	7818.0	6890.7	5963.4	5036.1	4132.6	3229.2
0.0	0.0	35°	11722.6	10856.4	9988.7	8960.0	7929.8	6901.2	5872.5	4852.7	3831.5
0.0	0.0	37.5°	13618.9	12555.9	11491.5	10345.0	9198.6	8053.6	6907.1	5741.3	4575.4
0.0	0.0	40°	17249.1	15877.6	14506.0	13049.4	11591.4	10134.8	8678.2	7247.0	5815.8
0.0	0.0	42.5°	23753.7	21900.6	20047.5	18109.4	16169.8	14231.7	12292.1	10273.5	8253.4
0.0	0.0	45°	31094.7	28795.8	26495.4	24320.3	22143.6	19968.5	17793.3	15023.3	12253.3
0.0	0.0	47.5°	35222.9	32740.6	30258.3	28199.5	26140.6	24081.7	22022.9	19036.7	16050.5
0.0	0.0	50°	36742.0	34215.0	31688.0	29793.2	27896.8	26001.9	24105.6	21114.9	18122.8
0.0	0.0	52.5°	37065.5	34487.9	31910.2	30003.4	28096.6	26191.3	24284.5	21313.2	18341.9
0.0	0.0	55°	37730.5	34964.9	32197.9	30024.3	27850.6	25676.9	23503.3	20484.3	17465.3
0.0	0.0	57.5°	38599.6	35764.0	32928.4	30452.1	27975.8	25501.0	23024.7	19724.0	16423.2
0.0	0.0	60°	38371.5	35904.2	33435.3	30783.1	28129.4	25477.2	22823.4	19193.2	15561.5
0.0	0.0	62.5°	34411.8	32446.9	30480.5	28299.3	26116.7	23935.6	21754.5	18016.9	14279.4
0.0	0.0	65°	28309.8	26875.6	25441.4	23686.6	21930.4	20175.7	18421.0	15069.5	11719.6
0.0	0.0	67.5°	22944.2	21328.1	19710.5	18312.1	16912.2	15513.8	14113.9	11476.6	8839.3
		70°	18228.6	16470.9	14711.7	13346.1	11979.0	10613.4	9247.8	7494.5	5742.8
		72.5°	14476.2	12891.4	11306.6	9850.1	8392.0	6935.4	5477.4	4441.2	3405.1
		75°	6919.0	6285.4	5651.8	4890.0	4128.2	3366.3	2604.5	2152.8	1702.6
		77.5°	2564.3	2222.9	1880.0	1569.9	1259.8	951.2	641.1	587.4	533.7
		80°	663.4	578.5	492.0	430.9	368.2	307.1	246.0	222.1	199.8
		82.5°	76.0	70.1	65.6	62.6	58.1	55.2	50.7	46.2	41.7
		85°	4.5	3.0	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
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048974
CATALOG NUMBER: GALN-SA5B-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048974

CATALOG NUMBER: GALN-SA5B-730-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	86.5	86.5
0.0	0.0	2.5°	80.5	79.0
0.0	0.0	5°	85.0	83.5
0.0	0.0	7.5°	93.9	90.9
0.0	0.0	10°	102.9	99.9
0.0	0.0	12.5°	116.3	111.8
0.0	0.0	15°	131.2	122.2
0.0	0.0	17.5°	156.5	137.2
0.0	0.0	20°	211.7	162.5
0.0	0.0	22.5°	298.2	202.8
0.0	0.0	25°	438.3	280.3
0.0	0.0	27.5°	609.8	372.7
0.0	0.0	30°	811.0	466.6
0.0	0.0	32.5°	988.4	556.1
0.0	0.0	35°	1219.5	647.0
0.0	0.0	37.5°	1504.3	763.3
0.0	0.0	40°	1945.6	939.2
0.0	0.0	42.5°	2740.2	1264.2
0.0	0.0	45°	4450.2	2185.6
0.0	0.0	47.5°	6847.5	3615.3
0.0	0.0	50°	8377.1	4614.2
0.0	0.0	52.5°	8502.3	4606.7
0.0	0.0	55°	7761.4	4095.4
0.0	0.0	57.5°	6622.4	3423.0
0.0	0.0	60°	5504.2	2707.4
0.0	0.0	62.5°	4336.9	1869.5
0.0	0.0	65°	3169.5	1322.4
0.0	0.0	67.5°	2276.5	988.4
		70°	1496.8	757.4
		72.5°	975.0	617.2
		75°	656.0	511.4
		77.5°	383.1	339.9
		80°	135.7	119.3
		82.5°	25.3	17.9
		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: P1048974

CATALOG NUMBER: GALN-SA5B-730-U-RBC

CANDELA DISTRIBUTION (continued):

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-4

Test Date: 10/10/2024

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

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

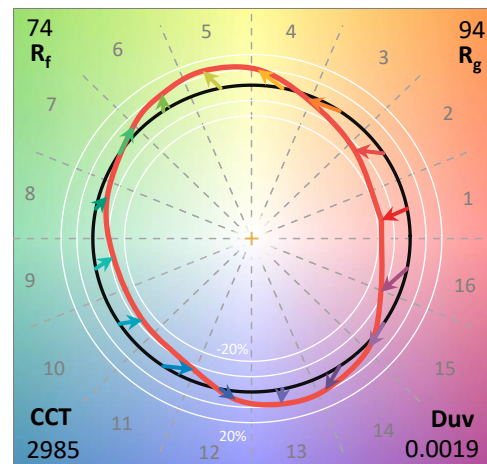
Test Information

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

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

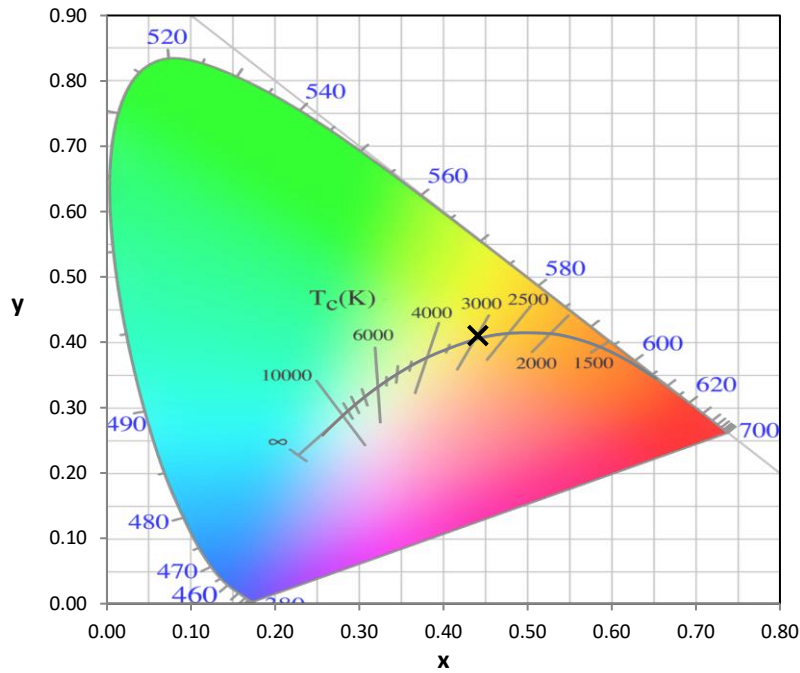
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

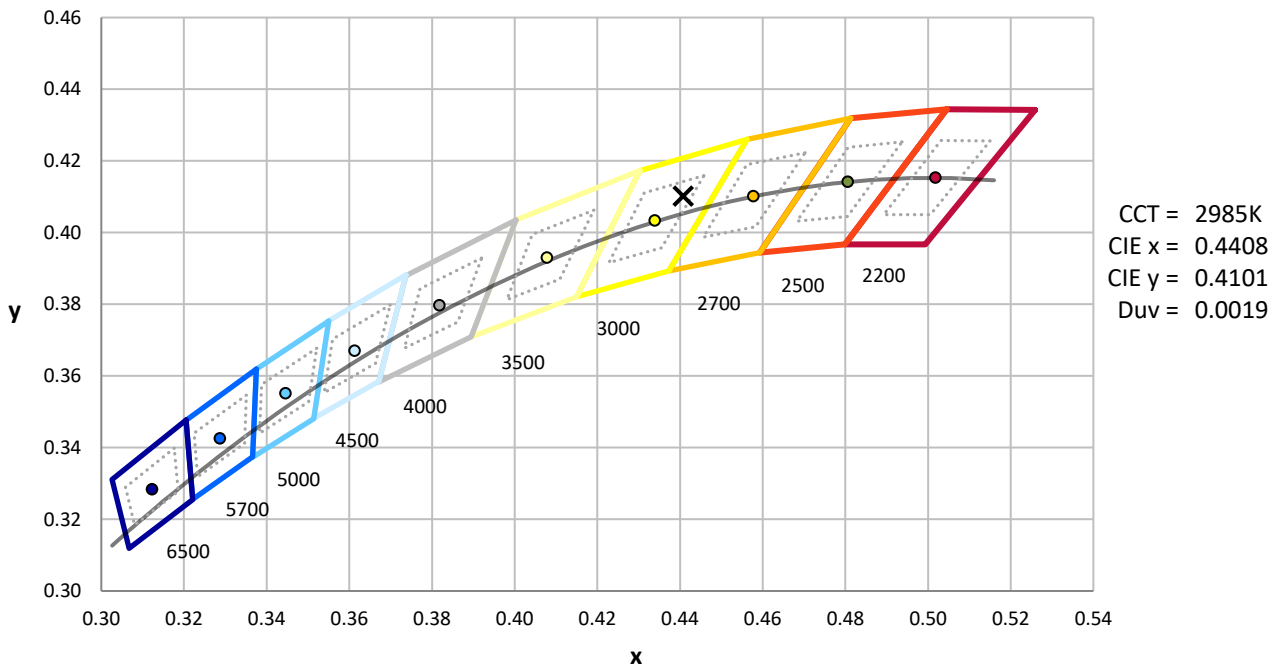
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



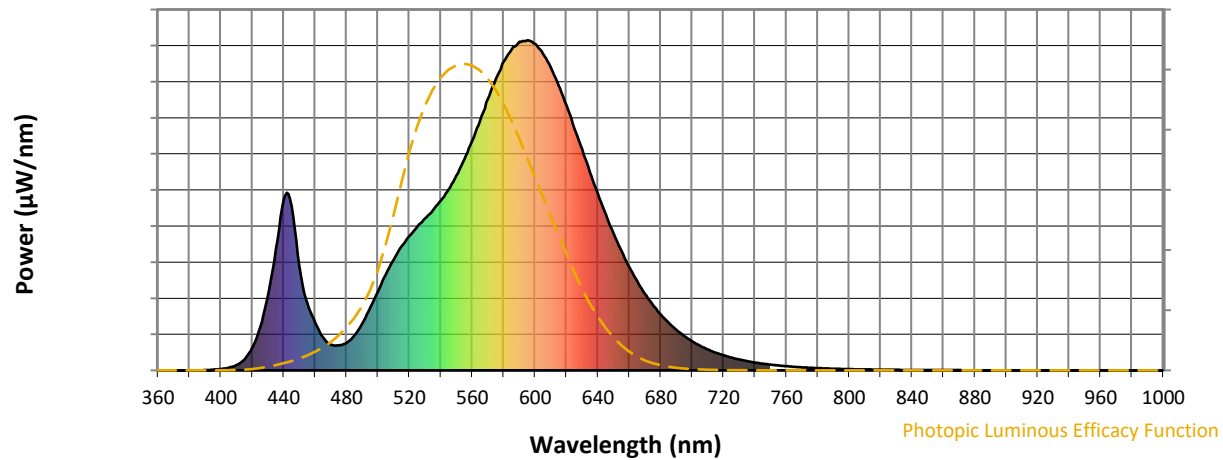
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

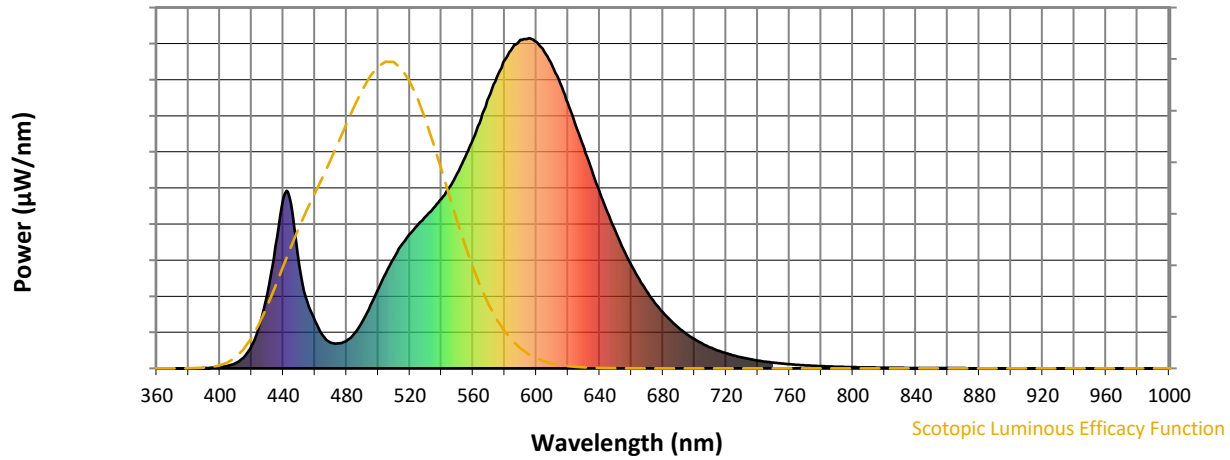


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength

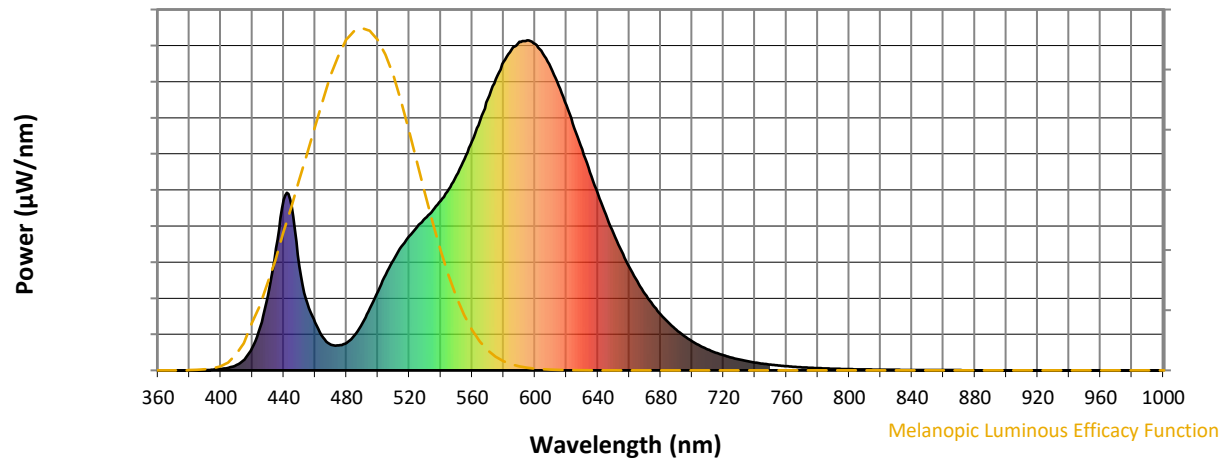


Scotopic Lumens: NR

S/P: 1.19

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

REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength

Melanopic Lumens: NR
M/P: 2.13

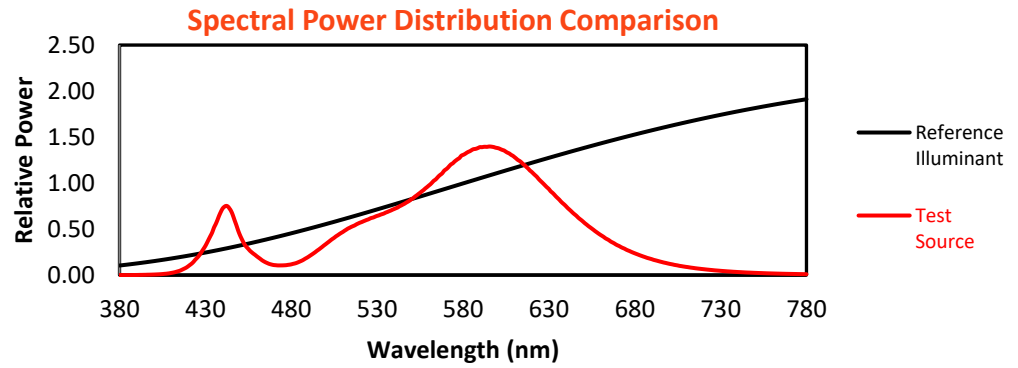
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803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

REPORT NUMBER: SP1-2407-184-4

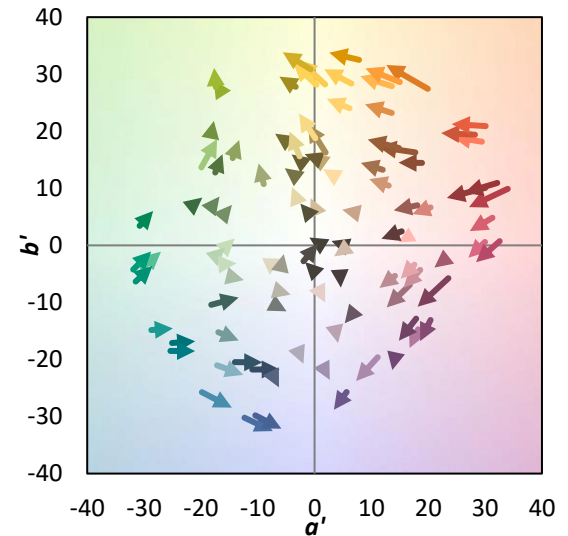
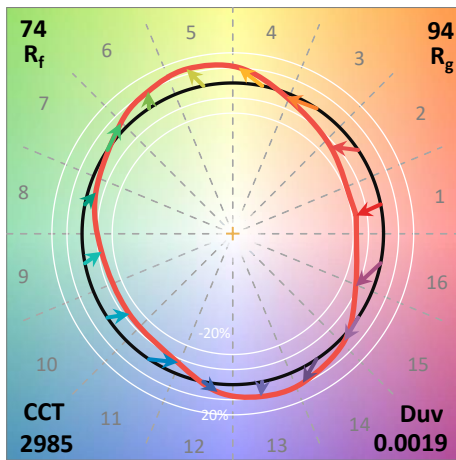
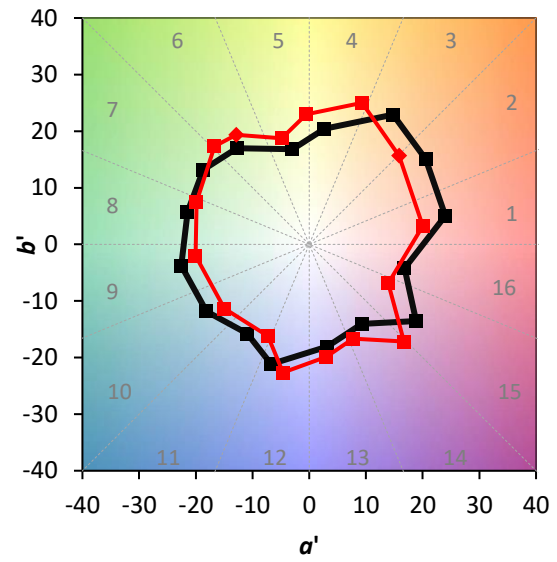
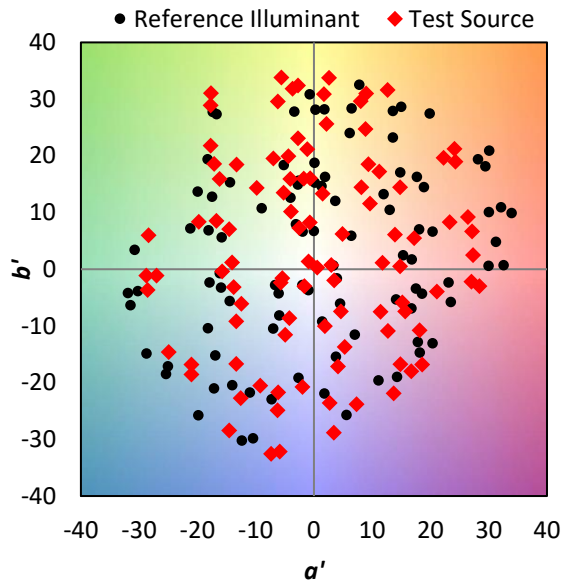
TM-30-18

Summary

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

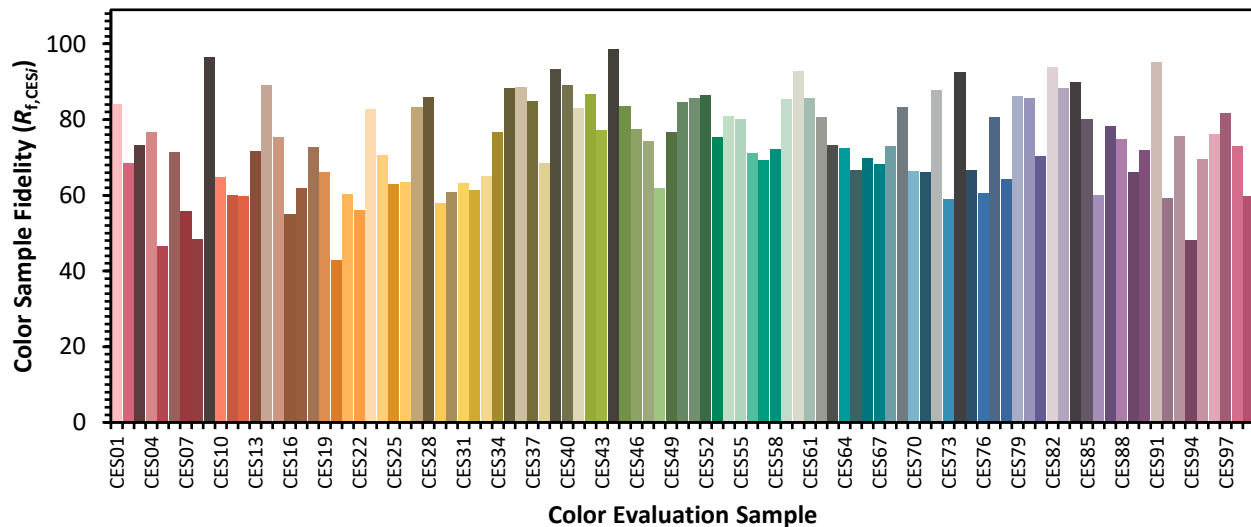


Color Vector Graphics

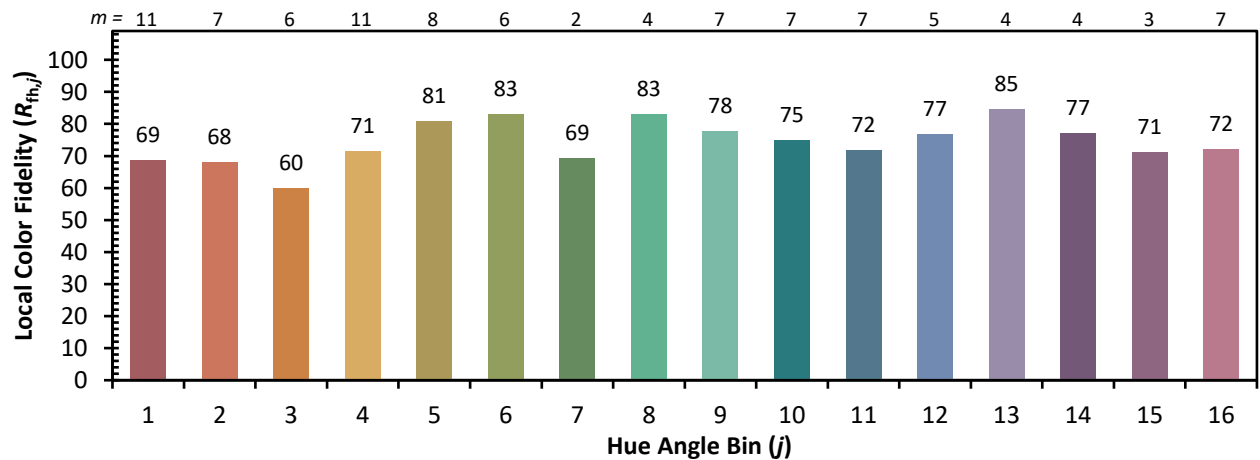
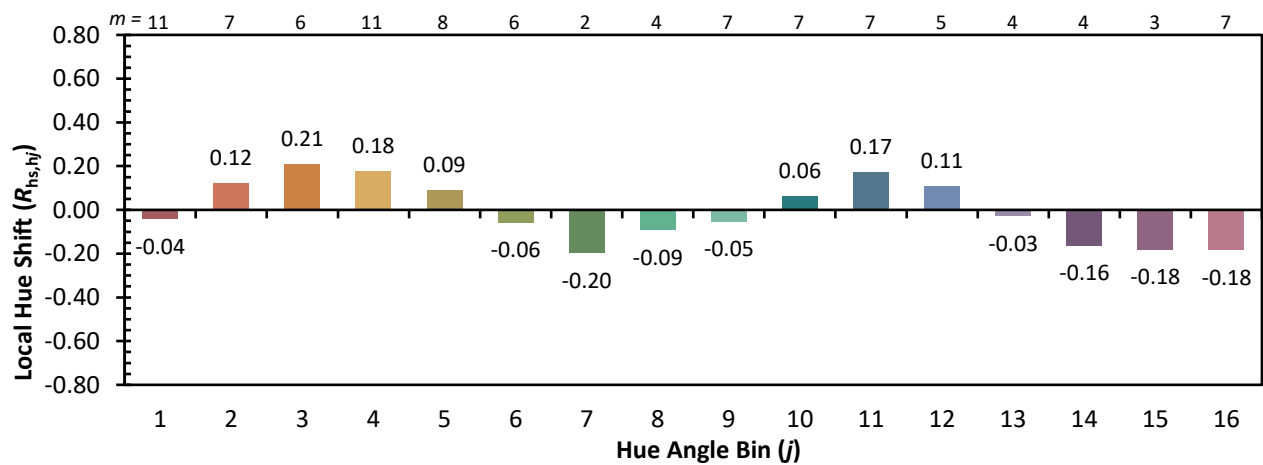
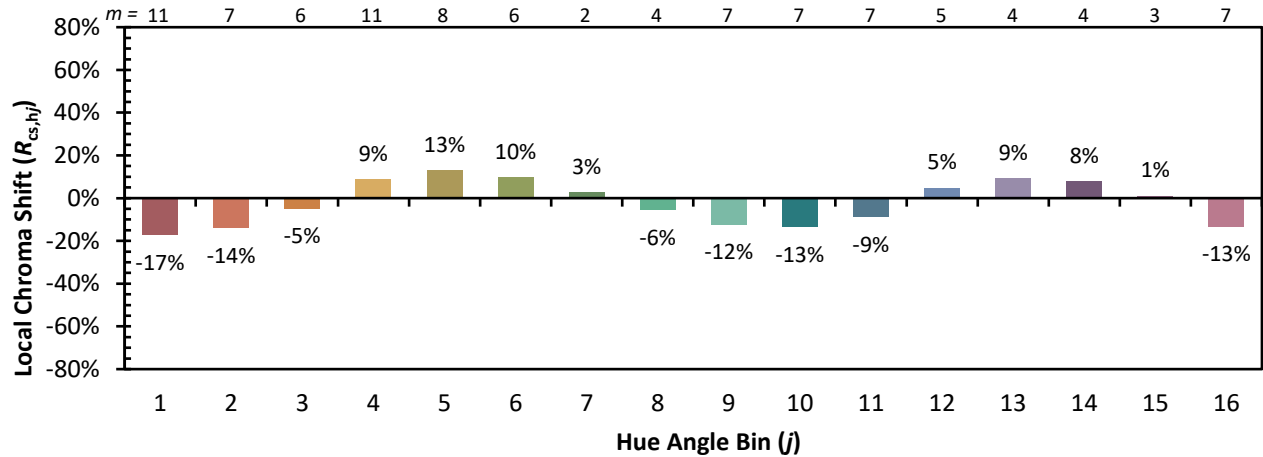


Individual Sample Fidelity Index ($R_{f,i}$)

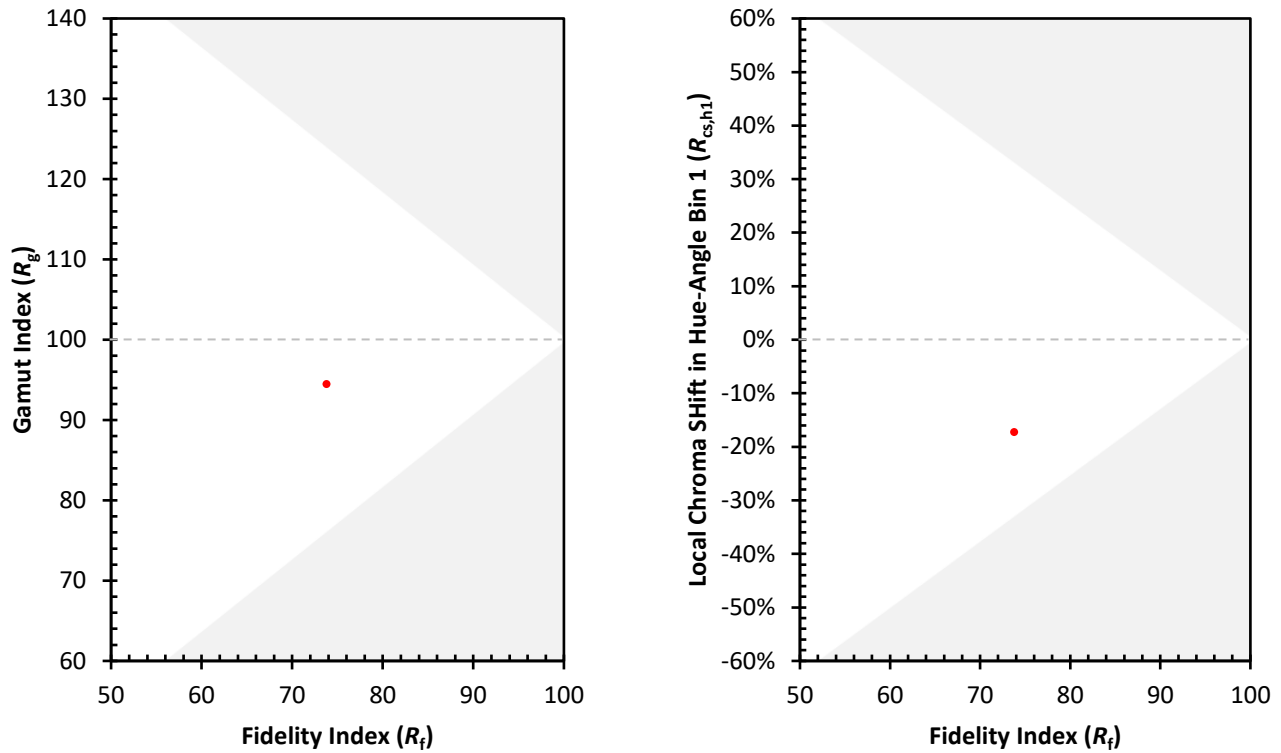
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)