

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: P1048973

Luminaire Tested: **GALN-SA5A-730-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1048973
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5A-730-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 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: 15757.1 lumens
Efficiency: N/A
Efficacy: 115.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

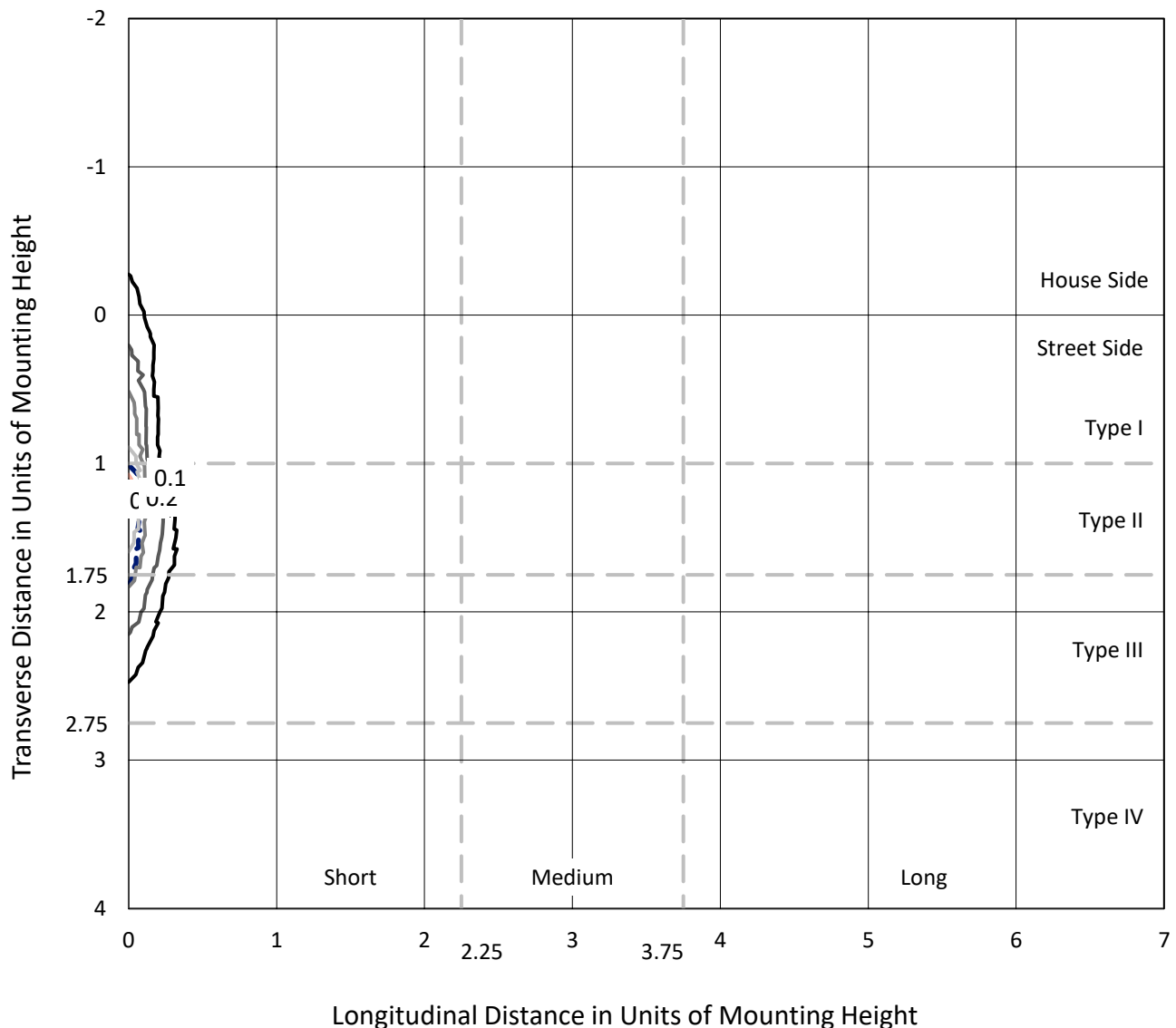
Input Watts (W): 136.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

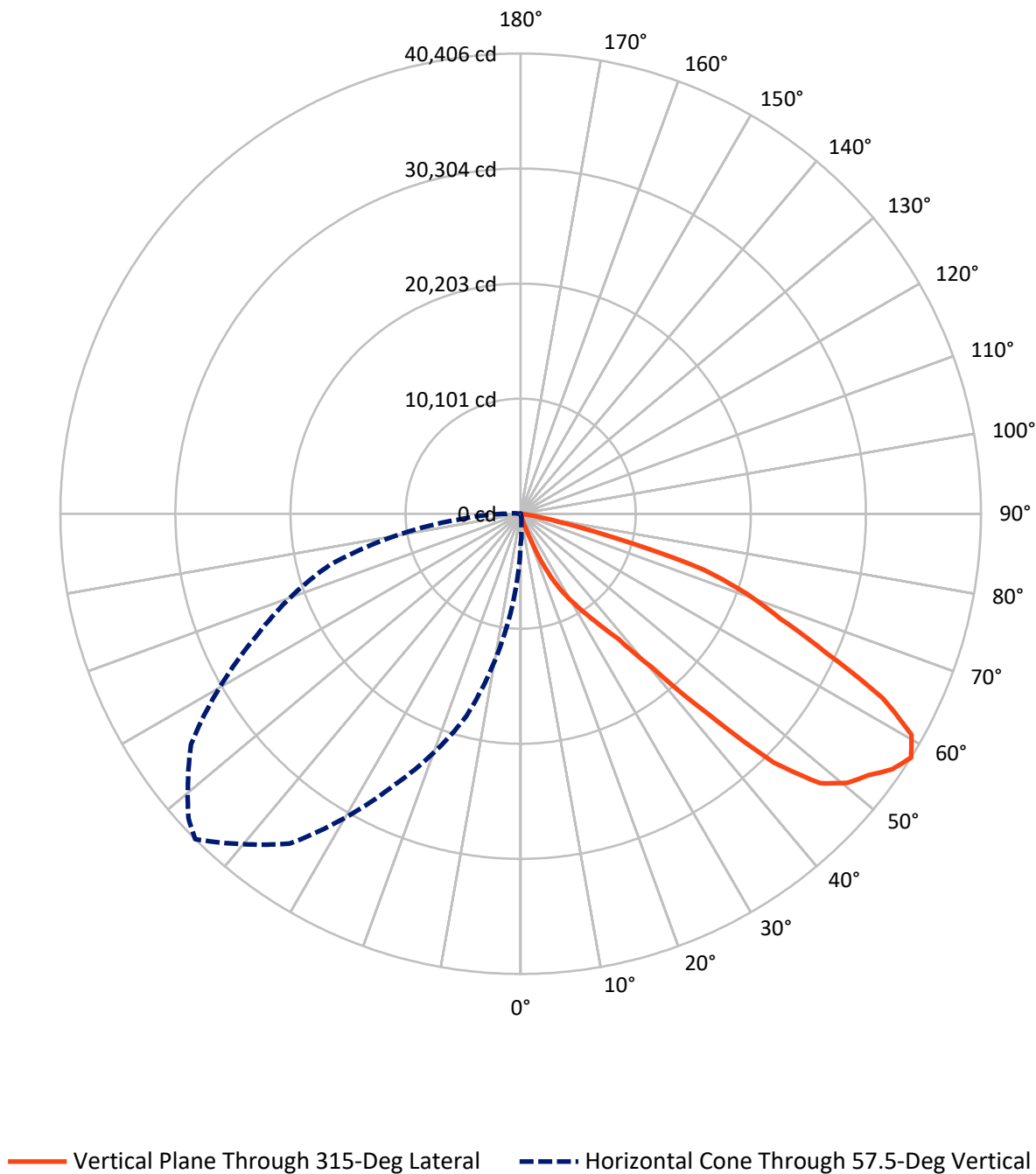


Based on 20 foot mounting height. Maximum calculated value = 2.3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	78.9	0.0	78.9
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	15678.2	0.0	15678.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	15757.1	0.0	15757.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.2	0.0
10°-20°	34.6	0.2
20°-30°	373.4	2.4
30°-40°	1104.3	7.0
40°-50°	3291.0	20.9
50°-60°	5218.4	33.1
60°-70°	4356.1	27.6
70°-80°	1343.3	8.5
80°-90°	29.9	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°	15757.1	100.0
0°-180°	15757.1	100.0

Coefficient of Utilization



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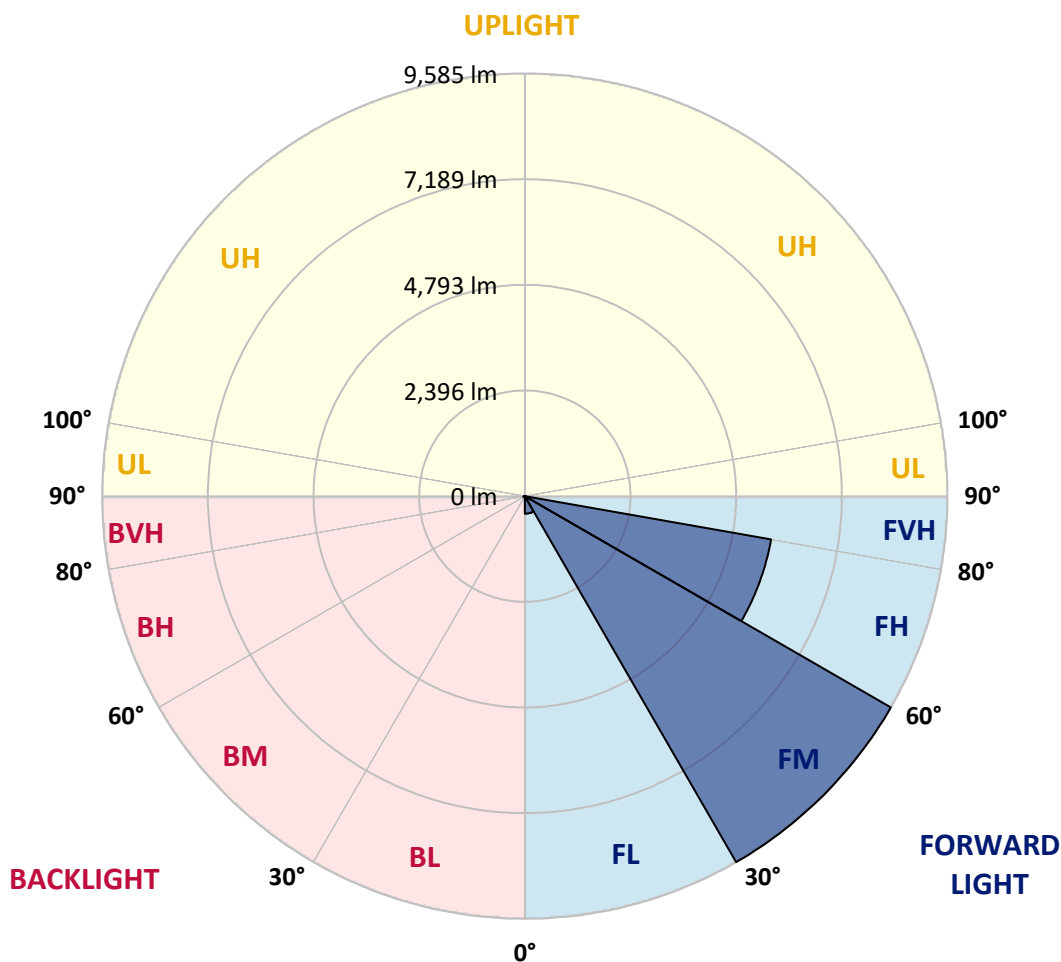
CATALOG NUMBER: GALN-SA5A-730-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	399.7	2.5			
FM	(30°-60°)	9585.5	60.8			
FH	(60°-80°)	5669.9	36.0			G3/7500
FVH	(80°-90°)	23.1	0.1			G1/100
BL	(0°-30°)	14.5	0.1	B0/110		
BM	(30°-60°)	28.2	0.2	B0/220		
BH	(60°-80°)	29.4	0.2	B0/110		G0/110
BVH	(80°-90°)	6.8	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°	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
2.5°	63.1	63.1	63.1	63.1	61.9	61.9	60.7	60.7	59.5	59.5
5°	66.7	66.7	65.5	64.3	64.3	63.1	61.9	60.7	60.7	59.5
7.5°	72.6	71.4	70.3	69.1	66.7	65.5	63.1	61.9	60.7	58.3
10°	79.8	77.4	75.0	72.6	70.3	67.9	65.5	64.3	61.9	60.7
12.5°	89.3	85.7	81.0	77.4	75.0	71.4	69.1	66.7	63.1	60.7
15°	97.6	92.9	86.9	82.2	78.6	73.8	70.3	66.7	64.3	60.7
17.5°	109.5	101.2	91.7	85.7	81.0	75.0	69.1	65.5	61.9	57.2
20°	129.8	113.1	95.3	88.1	81.0	73.8	66.7	61.9	58.3	53.6
22.5°	161.9	133.4	104.8	94.1	84.5	73.8	64.3	59.5	54.8	50.0
25°	223.9	172.7	121.5	107.2	92.9	78.6	64.3	58.3	53.6	47.6
27.5°	297.7	221.5	144.1	123.8	104.8	84.5	64.3	57.2	51.2	44.1
30°	372.7	271.5	169.1	142.9	116.7	90.5	64.3	56.0	48.8	40.5
32.5°	444.2	317.9	190.5	159.6	128.6	96.5	65.5	56.0	46.4	36.9
35°	516.8	356.0	194.1	161.9	129.8	96.5	64.3	53.6	44.1	33.3
37.5°	609.7	398.9	186.9	154.8	123.8	91.7	60.7	51.2	41.7	31.0
40°	750.2	470.3	190.5	157.2	123.8	90.5	57.2	47.6	39.3	29.8
42.5°	1009.8	608.5	206.0	167.9	129.8	90.5	52.4	44.1	36.9	28.6
45°	1745.6	1010.9	276.3	219.1	161.9	104.8	47.6	40.5	34.5	27.4
47.5°	2887.6	1692.1	496.5	383.4	271.5	158.4	46.4	40.5	34.5	27.4
50°	3685.4	2155.3	625.1	481.1	337.0	192.9	48.8	41.7	35.7	28.6
52.5°	3679.4	2188.6	696.6	534.6	373.9	212.0	51.2	44.1	38.1	31.0
55°	3271.0	1990.9	709.7	545.4	382.2	217.9	54.8	47.6	40.5	33.3
57.5°	2734.0	1690.9	647.8	501.3	356.0	209.6	63.1	54.8	47.6	39.3
60°	2162.4	1333.6	504.9	398.9	294.1	188.1	83.4	72.6	63.1	52.4
62.5°	1493.2	966.9	440.6	353.7	267.9	181.0	95.3	84.5	75.0	64.3
65°	1056.2	727.5	397.7	323.9	251.2	177.4	103.6	91.7	81.0	69.1
67.5°	789.5	578.7	366.8	303.6	240.5	177.4	114.3	100.0	86.9	72.6
70°	604.9	475.1	344.1	292.9	242.9	191.7	140.5	120.3	101.2	81.0
72.5°	493.0	406.0	317.9	281.0	244.1	207.2	170.3	144.1	117.9	90.5
75°	408.4	347.7	287.0	256.0	226.2	195.3	164.3	140.5	117.9	94.1
77.5°	271.5	247.7	222.7	204.8	186.9	167.9	150.0	129.8	110.7	90.5
80°	95.3	91.7	88.1	95.3	102.4	109.5	116.7	102.4	89.3	75.0
82.5°	14.3	13.1	11.9	13.1	14.3	15.5	16.7	17.9	19.1	20.2
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°	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
0.0	2.5°	58.3	58.3	57.2	57.2	57.2	56.0	56.0	54.8	54.8	54.8
0.0	5°	57.2	57.2	56.0	54.8	53.6	53.6	52.4	51.2	51.2	50.0
0.0	7.5°	56.0	54.8	53.6	52.4	51.2	50.0	48.8	47.6	47.6	46.4
0.0	10°	57.2	54.8	53.6	51.2	50.0	48.8	46.4	45.2	44.1	44.1
0.0	12.5°	54.8	53.6	51.2	48.8	47.6	45.2	44.1	41.7	40.5	40.5
0.0	15°	54.8	52.4	48.8	46.4	44.1	42.9	40.5	38.1	36.9	35.7
0.0	17.5°	51.2	48.8	45.2	42.9	40.5	38.1	35.7	33.3	32.2	31.0
0.0	20°	46.4	44.1	40.5	36.9	34.5	32.2	29.8	27.4	26.2	25.0
0.0	22.5°	41.7	39.3	35.7	32.2	29.8	27.4	23.8	21.4	20.2	17.9
0.0	25°	39.3	35.7	32.2	28.6	25.0	22.6	19.1	15.5	13.1	10.7
0.0	27.5°	33.3	29.8	26.2	22.6	19.1	15.5	11.9	8.3	6.0	4.8
0.0	30°	28.6	25.0	21.4	17.9	13.1	9.5	6.0	1.2	1.2	1.2
0.0	32.5°	23.8	20.2	15.5	11.9	9.5	6.0	3.6	0.0	0.0	0.0
0.0	35°	19.1	15.5	10.7	7.1	6.0	3.6	2.4	0.0	0.0	0.0
0.0	37.5°	16.7	13.1	8.3	3.6	2.4	2.4	1.2	0.0	0.0	0.0
0.0	40°	15.5	10.7	6.0	1.2	1.2	1.2	0.0	0.0	0.0	0.0
0.0	42.5°	15.5	10.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	15.5	10.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	15.5	10.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	16.7	11.9	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	19.1	14.3	9.5	4.8	3.6	2.4	1.2	0.0	0.0	0.0
0.0	55°	23.8	21.4	17.9	15.5	11.9	8.3	3.6	0.0	0.0	0.0
0.0	57.5°	31.0	31.0	29.8	28.6	21.4	14.3	7.1	0.0	0.0	0.0
0.0	60°	41.7	41.7	41.7	41.7	31.0	21.4	10.7	0.0	0.0	0.0
0.0	62.5°	51.2	48.8	45.2	42.9	32.2	21.4	10.7	0.0	0.0	0.0
0.0	65°	51.2	46.4	40.5	34.5	26.2	17.9	8.3	0.0	0.0	0.0
0.0	67.5°	47.6	38.1	27.4	17.9	13.1	9.5	4.8	0.0	0.0	0.0
	70°	47.6	33.3	19.1	4.8	3.6	2.4	1.2	0.0	0.0	0.0
	72.5°	47.6	32.2	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	52.4	35.7	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	52.4	35.7	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	46.4	31.0	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	15.5	10.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
0.0	2.5°	53.6	53.6	53.6	52.4	52.4	52.4	52.4	51.2	51.2	51.2
0.0	5°	48.8	48.8	47.6	47.6	46.4	46.4	45.2	45.2	44.1	44.1
0.0	7.5°	45.2	44.1	44.1	42.9	41.7	41.7	40.5	40.5	39.3	38.1
0.0	10°	41.7	40.5	40.5	39.3	38.1	36.9	36.9	35.7	34.5	33.3
0.0	12.5°	38.1	36.9	35.7	34.5	33.3	32.2	32.2	31.0	29.8	28.6
0.0	15°	33.3	32.2	31.0	29.8	28.6	27.4	27.4	26.2	25.0	23.8
0.0	17.5°	28.6	27.4	27.4	26.2	25.0	23.8	22.6	20.2	19.1	17.9
0.0	20°	21.4	20.2	19.1	17.9	16.7	14.3	13.1	10.7	8.3	7.1
0.0	22.5°	14.3	11.9	10.7	8.3	6.0	4.8	3.6	1.2	0.0	0.0
0.0	25°	4.8	3.6	2.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1048973

CATALOG NUMBER: GALN-SA5A-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°	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
0.0	2.5°	50.0	50.0	50.0	48.8	48.8	48.8	48.8	48.8	48.8	48.8
0.0	5°	42.9	42.9	42.9	41.7	41.7	40.5	40.5	40.5	39.3	39.3
0.0	7.5°	36.9	35.7	35.7	34.5	34.5	33.3	33.3	33.3	32.2	32.2
0.0	10°	31.0	29.8	29.8	28.6	28.6	27.4	27.4	26.2	26.2	25.0
0.0	12.5°	27.4	26.2	25.0	23.8	23.8	22.6	21.4	21.4	20.2	19.1
0.0	15°	21.4	20.2	19.1	17.9	16.7	15.5	14.3	14.3	13.1	11.9
0.0	17.5°	14.3	11.9	10.7	9.5	9.5	8.3	7.1	6.0	4.8	3.6
0.0	20°	3.6	2.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048973

CATALOG NUMBER: GALN-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1048973

CATALOG NUMBER: GALN-SA5A-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°	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
0.0	2.5°	48.8	47.6	47.6	47.6	48.8	48.8	48.8	48.8	48.8	48.8
0.0	5°	39.3	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
0.0	7.5°	32.2	31.0	31.0	31.0	31.0	29.8	29.8	29.8	29.8	29.8
0.0	10°	25.0	23.8	23.8	23.8	23.8	22.6	22.6	22.6	22.6	22.6
0.0	12.5°	17.9	17.9	16.7	16.7	16.7	15.5	15.5	15.5	15.5	14.3
0.0	15°	10.7	9.5	8.3	8.3	8.3	7.1	7.1	7.1	7.1	6.0
0.0	17.5°	2.4	2.4	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048973

CATALOG NUMBER: GALN-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048973

CATALOG NUMBER: GALN-SASA-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°	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
0.0	2.5°	50.0	50.0	51.2	51.2	52.4	54.8	56.0	57.2	59.5	61.9
0.0	5°	39.3	40.5	40.5	41.7	42.9	44.1	45.2	46.4	48.8	51.2
0.0	7.5°	31.0	31.0	32.2	32.2	33.3	35.7	36.9	38.1	40.5	44.1
0.0	10°	23.8	23.8	25.0	25.0	26.2	28.6	29.8	31.0	33.3	36.9
0.0	12.5°	15.5	16.7	16.7	17.9	19.1	21.4	22.6	23.8	26.2	28.6
0.0	15°	7.1	8.3	8.3	9.5	10.7	13.1	14.3	15.5	17.9	21.4
0.0	17.5°	1.2	1.2	2.4	2.4	3.6	4.8	6.0	7.1	10.7	13.1
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.8
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
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

CATALOG NUMBER: GALN-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048973

CATALOG NUMBER: GALN-SA5A-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°	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
0.0	2.5°	65.5	67.9	70.3	72.6	75.0	77.4	78.6	81.0	82.2	83.4
0.0	5°	56.0	58.3	61.9	64.3	66.7	69.1	71.4	72.6	73.8	75.0
0.0	7.5°	48.8	51.2	54.8	57.2	59.5	61.9	64.3	66.7	67.9	69.1
0.0	10°	41.7	45.2	47.6	51.2	53.6	56.0	58.3	60.7	63.1	64.3
0.0	12.5°	33.3	36.9	40.5	42.9	46.4	50.0	52.4	54.8	57.2	59.5
0.0	15°	26.2	29.8	33.3	35.7	39.3	42.9	46.4	48.8	51.2	53.6
0.0	17.5°	19.1	22.6	26.2	28.6	32.2	35.7	38.1	41.7	44.1	46.4
0.0	20°	9.5	13.1	16.7	20.2	23.8	27.4	29.8	33.3	35.7	38.1
0.0	22.5°	1.2	4.8	8.3	10.7	14.3	17.9	20.2	23.8	26.2	28.6
0.0	25°	0.0	1.2	3.6	4.8	6.0	8.3	10.7	13.1	15.5	17.9
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.2	2.4	4.8	7.1	9.5
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
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	1.2
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.4
	85°	0.0	0.0	0.0	0.0	0.0	2.4	3.6	6.0	7.1	8.3
	87.5°	0.0	1.2	2.4	3.6	4.8	7.1	9.5	11.9	13.1	14.3
	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: P1048973

CATALOG NUMBER: GALN-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
69.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.6	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											
1.2											
4.8											
10.7											
15.5											
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REPORT NUMBER: P1048973

CATALOG NUMBER: GALN-SA5A-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°	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
0.0	2.5°	84.5	84.5	84.5	84.5	83.4	83.4	83.4	82.2	82.2	81.0
0.0	5°	77.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	77.4	77.4
0.0	7.5°	71.4	72.6	73.8	73.8	75.0	75.0	75.0	73.8	73.8	72.6
0.0	10°	67.9	69.1	69.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3
0.0	12.5°	63.1	64.3	65.5	65.5	66.7	66.7	66.7	66.7	65.5	65.5
0.0	15°	57.2	59.5	60.7	61.9	61.9	63.1	63.1	63.1	63.1	63.1
0.0	17.5°	52.4	54.8	56.0	57.2	57.2	58.3	58.3	59.5	59.5	59.5
0.0	20°	42.9	45.2	46.4	48.8	50.0	51.2	52.4	53.6	53.6	54.8
0.0	22.5°	33.3	35.7	36.9	39.3	40.5	41.7	42.9	44.1	45.2	46.4
0.0	25°	23.8	26.2	27.4	29.8	31.0	32.2	33.3	34.5	34.5	35.7
0.0	27.5°	13.1	15.5	17.9	19.1	21.4	22.6	23.8	25.0	26.2	27.4
0.0	30°	6.0	7.1	8.3	10.7	11.9	13.1	14.3	16.7	17.9	19.1
0.0	32.5°	0.0	0.0	1.2	3.6	4.8	6.0	7.1	8.3	8.3	9.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.4	3.6	4.8
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	2.4	2.4	2.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6
	82.5°	6.0	7.1	8.3	8.3	9.5	9.5	9.5	9.5	8.3	8.3
	85°	11.9	13.1	14.3	14.3	15.5	15.5	15.5	15.5	15.5	15.5
	87.5°	16.7	17.9	19.1	19.1	20.2	20.2	20.2	20.2	20.2	20.2
	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: P1048973

CATALOG NUMBER: GALN-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
69.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	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											
3.6											
8.3											
15.5											
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REPORT NUMBER: P1048973

CATALOG NUMBER: GALN-SA5A-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°	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
0.0	2.5°	79.8	79.8	78.6	78.6	78.6	78.6	78.6	79.8	81.0	81.0
0.0	5°	76.2	76.2	75.0	75.0	75.0	76.2	76.2	77.4	78.6	79.8
0.0	7.5°	72.6	71.4	71.4	72.6	72.6	73.8	73.8	75.0	76.2	77.4
0.0	10°	70.3	69.1	69.1	69.1	70.3	70.3	71.4	72.6	73.8	75.0
0.0	12.5°	65.5	65.5	65.5	65.5	66.7	66.7	67.9	69.1	71.4	72.6
0.0	15°	63.1	61.9	61.9	61.9	61.9	63.1	63.1	65.5	67.9	69.1
0.0	17.5°	58.3	58.3	57.2	57.2	58.3	58.3	59.5	61.9	64.3	65.5
0.0	20°	53.6	52.4	51.2	51.2	52.4	52.4	53.6	56.0	58.3	59.5
0.0	22.5°	46.4	45.2	45.2	45.2	45.2	46.4	46.4	48.8	52.4	54.8
0.0	25°	36.9	38.1	38.1	39.3	39.3	40.5	41.7	44.1	47.6	50.0
0.0	27.5°	28.6	29.8	29.8	32.2	33.3	34.5	35.7	39.3	42.9	45.2
0.0	30°	21.4	22.6	23.8	25.0	27.4	29.8	32.2	35.7	39.3	41.7
0.0	32.5°	13.1	15.5	16.7	19.1	21.4	23.8	26.2	29.8	34.5	38.1
0.0	35°	9.5	10.7	13.1	14.3	16.7	19.1	21.4	26.2	29.8	34.5
0.0	37.5°	4.8	7.1	9.5	11.9	14.3	16.7	19.1	23.8	28.6	32.2
0.0	40°	3.6	6.0	7.1	9.5	13.1	15.5	17.9	22.6	27.4	32.2
0.0	42.5°	2.4	3.6	4.8	8.3	10.7	14.3	17.9	22.6	27.4	32.2
0.0	45°	2.4	2.4	3.6	7.1	10.7	15.5	19.1	23.8	27.4	32.2
0.0	47.5°	2.4	3.6	4.8	9.5	11.9	15.5	19.1	22.6	27.4	31.0
0.0	50°	3.6	4.8	6.0	10.7	13.1	16.7	19.1	23.8	27.4	32.2
0.0	52.5°	2.4	3.6	4.8	9.5	13.1	17.9	21.4	26.2	31.0	34.5
0.0	55°	1.2	1.2	1.2	7.1	14.3	20.2	27.4	31.0	35.7	39.3
0.0	57.5°	0.0	0.0	0.0	4.8	14.3	22.6	31.0	35.7	40.5	44.1
0.0	60°	0.0	0.0	0.0	4.8	14.3	22.6	31.0	36.9	42.9	48.8
0.0	62.5°	0.0	0.0	0.0	4.8	11.9	19.1	26.2	35.7	46.4	56.0
0.0	65°	0.0	0.0	0.0	3.6	9.5	15.5	21.4	35.7	50.0	63.1
0.0	67.5°	0.0	0.0	0.0	3.6	9.5	14.3	20.2	35.7	50.0	65.5
	70°	0.0	0.0	0.0	3.6	9.5	15.5	21.4	35.7	50.0	64.3
	72.5°	0.0	0.0	0.0	3.6	10.7	16.7	23.8	35.7	47.6	59.5
	75°	0.0	0.0	0.0	4.8	10.7	17.9	25.0	35.7	46.4	56.0
	77.5°	0.0	0.0	0.0	3.6	10.7	16.7	23.8	34.5	45.2	54.8
	80°	3.6	2.4	2.4	6.0	10.7	15.5	20.2	31.0	42.9	53.6
	82.5°	7.1	7.1	6.0	8.3	10.7	14.3	17.9	27.4	38.1	47.6
	85°	14.3	14.3	13.1	14.3	14.3	15.5	16.7	21.4	26.2	31.0
	87.5°	19.1	19.1	17.9	17.9	17.9	16.7	16.7	16.7	16.7	15.5
	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: P1048973

CATALOG NUMBER: GALN-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
69.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.6											
71.4											
66.7											
65.5											
64.3											
57.2											
35.7											
15.5											
0.0											
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REPORT NUMBER: P1048973

CATALOG NUMBER: GALN-SA5A-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°	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
0.0	2.5°	83.4	84.5	84.5	85.7	86.9	88.1	88.1	89.3	89.3	89.3
0.0	5°	82.2	84.5	85.7	86.9	88.1	89.3	90.5	91.7	92.9	92.9
0.0	7.5°	81.0	82.2	84.5	85.7	88.1	89.3	91.7	92.9	94.1	95.3
0.0	10°	78.6	81.0	83.4	85.7	88.1	90.5	92.9	95.3	97.6	98.8
0.0	12.5°	76.2	79.8	82.2	84.5	88.1	91.7	94.1	97.6	100.0	102.4
0.0	15°	75.0	77.4	81.0	83.4	88.1	92.9	96.5	101.2	106.0	109.5
0.0	17.5°	71.4	76.2	79.8	83.4	88.1	94.1	98.8	103.6	110.7	117.9
0.0	20°	66.7	70.3	75.0	78.6	85.7	91.7	98.8	104.8	115.5	126.2
0.0	22.5°	61.9	66.7	70.3	75.0	83.4	90.5	98.8	106.0	123.8	140.5
0.0	25°	57.2	63.1	67.9	72.6	82.2	91.7	101.2	110.7	140.5	170.3
0.0	27.5°	54.8	59.5	65.5	70.3	82.2	95.3	107.2	119.1	166.7	213.1
0.0	30°	51.2	57.2	61.9	67.9	83.4	98.8	114.3	129.8	202.4	275.1
0.0	32.5°	47.6	53.6	59.5	65.5	85.7	106.0	125.0	145.3	240.5	334.6
0.0	35°	44.1	51.2	57.2	63.1	89.3	116.7	142.9	169.1	275.1	379.8
0.0	37.5°	42.9	50.0	56.0	61.9	90.5	117.9	146.5	173.8	278.6	383.4
0.0	40°	44.1	50.0	57.2	63.1	86.9	110.7	133.4	157.2	266.7	375.1
0.0	42.5°	44.1	51.2	58.3	65.5	84.5	103.6	122.6	141.7	263.2	384.6
0.0	45°	42.9	50.0	57.2	64.3	82.2	98.8	116.7	133.4	284.6	434.6
0.0	47.5°	41.7	48.8	56.0	63.1	81.0	98.8	116.7	134.6	367.9	600.1
0.0	50°	41.7	48.8	54.8	60.7	82.2	104.8	126.2	147.7	535.8	922.8
0.0	52.5°	44.1	50.0	54.8	59.5	84.5	110.7	135.7	160.8	681.1	1200.3
0.0	55°	47.6	51.2	56.0	59.5	90.5	120.3	151.2	181.0	725.2	1269.3
0.0	57.5°	52.4	56.0	59.5	63.1	101.2	139.3	176.2	214.3	728.7	1242.0
0.0	60°	58.3	63.1	66.7	70.3	110.7	152.4	192.9	233.4	659.7	1084.8
0.0	62.5°	71.4	77.4	82.2	88.1	127.4	165.5	204.8	242.9	547.7	852.6
0.0	65°	82.2	86.9	91.7	96.5	134.6	173.8	212.0	250.1	464.4	678.7
0.0	67.5°	84.5	89.3	92.9	97.6	136.9	176.2	214.3	253.6	397.7	540.6
	70°	85.7	91.7	98.8	104.8	145.3	185.8	225.1	265.5	352.5	439.4
	72.5°	82.2	94.1	104.8	115.5	153.6	190.5	228.6	265.5	327.5	389.4
	75°	82.2	98.8	114.3	129.8	158.4	185.8	214.3	241.7	289.4	337.0
	77.5°	86.9	108.4	129.8	151.2	167.9	183.4	200.0	215.5	246.5	277.4
	80°	86.9	109.5	131.0	153.6	160.8	169.1	176.2	183.4	186.9	190.5
	82.5°	75.0	92.9	110.7	128.6	120.3	111.9	103.6	95.3	89.3	82.2
	85°	38.1	41.7	44.1	46.4	42.9	39.3	35.7	32.2	29.8	26.2
	87.5°	15.5	15.5	14.3	14.3	14.3	14.3	13.1	13.1	13.1	13.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048973

CATALOG NUMBER: GALN-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
69.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
186.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
253.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
352.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
477.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
596.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
677.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
738.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
799.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
918.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1156.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1762.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2699.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3398.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3475.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3136.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2681.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2095.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1583.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1169.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
827.6											
615.6											
447.7											
337.0											
189.3											
85.7											
25.0											
11.9											
0.0											
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REPORT NUMBER: P1048973

CATALOG NUMBER: GALN-SA5A-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°	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
0.0	2.5°	89.3	88.1	88.1	86.9	85.7	84.5	83.4	82.2	81.0	79.8
0.0	5°	92.9	92.9	92.9	91.7	91.7	90.5	90.5	89.3	88.1	86.9
0.0	7.5°	96.5	97.6	97.6	98.8	98.8	98.8	98.8	97.6	97.6	97.6
0.0	10°	102.4	103.6	104.8	106.0	107.2	108.4	108.4	109.5	109.5	109.5
0.0	12.5°	109.5	113.1	115.5	119.1	121.5	125.0	127.4	131.0	133.4	135.7
0.0	15°	120.3	126.2	133.4	139.3	145.3	153.6	163.1	171.5	179.8	192.9
0.0	17.5°	135.7	154.8	173.8	191.7	210.8	252.4	294.1	334.6	376.3	437.0
0.0	20°	165.5	222.7	278.6	335.8	391.8	538.2	683.5	830.0	975.2	1131.2
0.0	22.5°	232.2	372.7	513.2	653.7	794.2	1100.3	1405.1	1711.1	2015.9	2374.4
0.0	25°	337.0	595.4	853.8	1111.0	1369.4	1848.0	2327.9	2806.6	3285.3	3750.9
0.0	27.5°	490.6	885.9	1281.2	1675.4	2070.7	2719.7	3369.8	4018.8	4667.7	5194.1
0.0	30°	679.9	1215.8	1751.6	2287.4	2823.3	3561.5	4299.8	5036.9	5775.1	6350.3
0.0	32.5°	858.5	1514.6	2170.7	2825.7	3481.8	4322.4	5164.3	6005.0	6845.6	7474.4
0.0	35°	975.2	1768.3	2562.5	3355.5	4148.6	5058.3	5968.1	6876.6	7786.3	8504.4
0.0	37.5°	1091.9	2007.6	2922.1	3837.8	4752.3	5751.3	6750.4	7749.4	8748.5	9635.6
0.0	40°	1222.9	2297.0	3369.8	4443.9	5516.8	6700.4	7882.8	9066.4	10248.8	11500.3
0.0	42.5°	1450.3	2776.8	4104.5	5431.0	6757.5	8323.4	9889.2	11453.8	13019.7	14805.8
0.0	45°	1877.8	3747.3	5618.0	7487.5	9356.9	11431.2	13506.7	15581.0	17655.3	20032.0
0.0	47.5°	2924.5	5496.5	8067.3	10639.4	13210.2	15450.0	17688.6	19928.4	22167.0	24534.3
0.0	50°	4474.8	7468.4	10461.9	13454.3	16447.9	18474.5	20500.0	22526.7	24552.1	26803.8
0.0	52.5°	5596.5	8715.1	11834.9	14953.5	18072.0	19901.0	21731.2	23560.2	25389.2	27493.3
0.0	55°	5681.1	8781.8	11883.7	14984.4	18085.1	19922.5	21759.8	23597.1	25434.5	27664.7
0.0	57.5°	5029.7	8105.5	11180.0	14255.7	17330.2	19422.4	21513.3	23605.5	25696.4	28107.7
0.0	60°	4278.4	7355.3	10431.0	13507.9	16583.6	18993.7	21405.0	23815.0	26225.1	28484.0
0.0	62.5°	3337.7	6502.7	9668.9	12833.9	15998.9	18445.9	20892.9	23338.7	25785.7	27480.2
0.0	65°	2487.5	5560.8	8634.1	11706.3	14779.6	16739.6	18699.6	20658.4	22618.3	23667.4
0.0	67.5°	1798.0	4448.7	7098.1	9748.7	12398.1	13800.8	15203.5	16605.0	18007.7	18810.3
	70°	1215.8	3051.9	4886.8	6723.0	8557.9	9710.6	10864.4	12017.1	13169.7	14253.3
	72.5°	841.9	1873.1	2905.4	3936.6	4967.8	6127.6	7286.2	8446.0	9604.6	10751.3
	75°	558.5	1027.6	1498.0	1967.1	2436.3	3294.8	4154.5	5013.1	5871.6	6555.1
	77.5°	396.5	537.0	678.7	819.2	959.7	1120.5	1282.4	1443.2	1603.9	1848.0
	80°	188.1	206.0	223.9	240.5	258.4	316.7	375.1	433.4	491.8	553.7
	82.5°	89.3	96.5	103.6	109.5	116.7	122.6	128.6	134.6	140.5	134.6
	85°	23.8	23.8	25.0	25.0	25.0	25.0	25.0	25.0	25.0	23.8
	87.5°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	9.5	9.5	8.3
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
69.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
496.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1288.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2732.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4216.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5720.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6926.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8104.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9222.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10523.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12751.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16591.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22408.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26901.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29055.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29597.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29896.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30519.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30741.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29175.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24717.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19614.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15335.7											
11898.0											
7238.6											
2092.2											
615.6											
127.4											
22.6											
8.3											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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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°	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
0.0	2.5°	77.4	76.2	75.0	73.8	72.6	70.3	70.3	69.1	69.1
0.0	5°	84.5	83.4	82.2	81.0	81.0	79.8	78.6	78.6	77.4
0.0	7.5°	96.5	95.3	94.1	92.9	92.9	91.7	91.7	90.5	90.5
0.0	10°	110.7	110.7	110.7	110.7	110.7	109.5	109.5	109.5	108.4
0.0	12.5°	139.3	140.5	142.9	145.3	148.8	148.8	148.8	147.7	147.7
0.0	15°	220.3	233.4	242.9	252.4	260.8	279.8	277.4	273.9	271.5
0.0	17.5°	557.3	616.8	649.0	679.9	712.1	800.2	785.9	771.6	758.5
0.0	20°	1444.4	1600.4	1704.0	1807.6	1912.3	2077.9	2037.4	1996.9	1956.4
0.0	22.5°	3090.0	3448.4	3604.4	3760.4	3915.2	4115.2	3985.4	3855.7	3727.1
0.0	25°	4680.8	5146.4	5409.6	5672.7	5934.7	6049.0	5879.9	5709.7	5540.6
0.0	27.5°	6246.7	6773.0	7005.2	7236.2	7468.4	7707.7	7498.2	7287.4	7077.8
0.0	30°	7501.7	8076.9	8328.1	8578.2	8829.4	8996.1	8779.4	8561.5	8344.8
0.0	32.5°	8733.0	9361.7	9636.8	9911.8	10185.7	10425.0	10158.3	9890.4	9623.7
0.0	35°	9939.2	10657.2	11035.9	11414.6	11793.2	12015.9	11699.1	11381.2	11064.5
0.0	37.5°	11411.0	12298.1	12722.0	13145.9	13569.8	13975.9	13627.0	13276.9	12928.0
0.0	40°	14003.2	15254.7	15904.9	16556.2	17206.4	17730.3	17289.7	16849.1	16408.6
0.0	42.5°	18378.1	20164.2	21098.9	22032.5	22967.2	23785.3	23322.1	22858.9	22395.7
0.0	45°	24785.5	27162.3	28301.8	29440.2	30579.7	31177.5	30510.6	29842.6	29175.8
0.0	47.5°	29267.5	31634.7	32649.2	33663.8	34678.3	35360.6	34544.9	33729.2	32914.8
0.0	50°	31306.1	33557.8	34575.9	35592.8	36610.9	37152.7	36210.8	35267.7	34325.8
0.0	52.5°	31700.2	33804.3	35018.8	36234.6	37449.2	38173.1	37061.0	35947.6	34835.5
0.0	55°	32126.5	34356.8	35765.4	37175.3	38583.9	39586.6	38329.1	37070.5	35813.1
0.0	57.5°	32929.1	35340.3	36745.4	38149.3	39554.4	40405.8	39144.8	37882.6	36621.6
0.0	60°	33000.5	35258.2	36465.6	37674.2	38881.6	39417.5	38211.2	37003.8	35797.6
0.0	62.5°	30870.3	32564.7	33403.0	34241.3	35079.6	35661.8	34403.2	33143.4	31884.8
0.0	65°	25766.7	26815.7	27483.8	28151.8	28819.8	29514.0	28361.3	27208.7	26056.0
0.0	67.5°	20416.6	21219.2	22099.2	22979.1	23859.1	24600.9	23678.1	22754.1	21831.3
	70°	16419.3	17501.7	18491.2	19480.7	20470.2	21077.5	20151.1	19223.5	18297.1
	72.5°	13044.7	14191.4	15017.8	15843.0	16669.3	16818.2	16137.1	15456.0	14776.0
	75°	7920.9	8604.4	8621.0	8636.5	8653.2	8794.9	8230.5	7666.1	7102.8
	77.5°	2336.3	2580.4	2781.6	2981.6	3182.9	3425.8	3218.6	3010.2	2803.0
	80°	676.3	738.3	790.7	841.9	894.3	863.3	814.5	765.7	716.8
	82.5°	121.5	114.3	113.1	111.9	111.9	106.0	96.5	86.9	77.4
	85°	21.4	20.2	19.1	17.9	16.7	15.5	13.1	11.9	9.5
	87.5°	7.1	6.0	4.8	3.6	3.6	1.2	1.2	1.2	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048973

CATALOG NUMBER: GALN-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
0.0	0.0	2.5°	67.9	66.7	66.7	66.7	66.7	65.5	65.5	65.5	65.5
0.0	0.0	5°	75.0	75.0	73.8	73.8	72.6	72.6	71.4	71.4	70.3
0.0	0.0	7.5°	88.1	86.9	85.7	84.5	83.4	81.0	79.8	78.6	78.6
0.0	0.0	10°	106.0	103.6	102.4	100.0	98.8	96.5	94.1	91.7	89.3
0.0	0.0	12.5°	139.3	134.6	131.0	126.2	121.5	117.9	113.1	109.5	104.8
0.0	0.0	15°	241.7	229.8	216.7	201.2	184.6	169.1	152.4	142.9	132.2
0.0	0.0	17.5°	618.0	556.1	493.0	441.8	390.6	340.6	289.4	252.4	215.5
0.0	0.0	20°	1573.0	1401.5	1230.0	1061.0	890.7	721.6	551.3	465.6	379.8
0.0	0.0	22.5°	2960.2	2642.3	2323.2	2014.8	1705.2	1396.8	1088.3	894.3	701.4
0.0	0.0	25°	4568.9	4168.8	3768.7	3261.5	2753.0	2245.8	1738.5	1422.9	1107.4
0.0	0.0	27.5°	5945.4	5484.6	5023.8	4407.0	3790.2	3173.4	2556.5	2086.2	1617.0
0.0	0.0	30°	7137.4	6642.0	6146.7	5428.6	4710.6	3992.6	3274.6	2686.3	2098.1
0.0	0.0	32.5°	8170.9	7577.9	6985.0	6244.3	5503.7	4763.0	4022.4	3300.8	2579.2
0.0	0.0	35°	9362.9	8671.1	7978.0	7156.4	6333.6	5512.0	4690.4	3875.9	3060.2
0.0	0.0	37.5°	10877.5	10028.5	9178.3	8262.6	7346.9	6432.4	5516.8	4585.6	3654.4
0.0	0.0	40°	13777.0	12681.5	11586.0	10422.7	9258.1	8094.7	6931.4	5788.2	4645.1
0.0	0.0	42.5°	18972.3	17492.2	16012.0	14464.1	12914.9	11366.9	9817.8	8205.5	6592.0
0.0	0.0	45°	24835.5	22999.4	21162.0	19424.7	17686.2	15948.9	14211.6	11999.2	9786.8
0.0	0.0	47.5°	28132.7	26150.1	24167.5	22523.1	20878.7	19234.2	17589.8	15204.7	12819.6
0.0	0.0	50°	29346.1	27327.8	25309.4	23796.0	22281.4	20767.9	19253.3	16864.6	14474.8
0.0	0.0	52.5°	29604.5	27545.7	25486.9	23963.9	22440.9	20919.1	19396.2	17023.0	14649.8
0.0	0.0	55°	30135.6	27926.7	25716.7	23980.6	22244.4	20508.3	18772.2	16360.9	13949.7
0.0	0.0	57.5°	30829.8	28565.0	26300.1	24322.3	22344.5	20367.8	18390.0	15753.7	13117.3
0.0	0.0	60°	30647.6	28676.9	26705.0	24586.7	22467.1	20348.8	18229.2	15329.7	12429.1
0.0	0.0	62.5°	27484.9	25915.5	24344.9	22602.9	20859.6	19117.5	17375.5	14390.2	11405.0
0.0	0.0	65°	22611.2	21465.7	20320.2	18918.7	17516.0	16114.5	14712.9	12036.1	9360.5
0.0	0.0	67.5°	18325.7	17034.9	15742.9	14626.0	13507.9	12391.0	11272.9	9166.4	7060.0
		70°	14559.3	13155.4	11750.3	10659.6	9567.7	8477.0	7386.2	5985.9	4586.8
		72.5°	11562.2	10296.4	9030.7	7867.3	6702.7	5539.4	4374.8	3547.3	2719.7
		75°	5526.3	5020.2	4514.1	3905.7	3297.2	2688.7	2080.2	1719.4	1359.8
		77.5°	2048.1	1775.4	1501.5	1253.9	1006.2	759.7	512.0	469.2	426.3
		80°	529.9	462.0	392.9	344.1	294.1	245.3	196.5	177.4	159.6
		82.5°	60.7	56.0	52.4	50.0	46.4	44.1	40.5	36.9	33.3
		85°	3.6	2.4	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: P1048973

CATALOG NUMBER: GALN-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	69.1	69.1
0.0	0.0	2.5°	64.3	63.1
0.0	0.0	5°	67.9	66.7
0.0	0.0	7.5°	75.0	72.6
0.0	0.0	10°	82.2	79.8
0.0	0.0	12.5°	92.9	89.3
0.0	0.0	15°	104.8	97.6
0.0	0.0	17.5°	125.0	109.5
0.0	0.0	20°	169.1	129.8
0.0	0.0	22.5°	238.2	161.9
0.0	0.0	25°	350.1	223.9
0.0	0.0	27.5°	487.0	297.7
0.0	0.0	30°	647.8	372.7
0.0	0.0	32.5°	789.5	444.2
0.0	0.0	35°	974.0	516.8
0.0	0.0	37.5°	1201.5	609.7
0.0	0.0	40°	1553.9	750.2
0.0	0.0	42.5°	2188.6	1009.8
0.0	0.0	45°	3554.4	1745.6
0.0	0.0	47.5°	5469.1	2887.6
0.0	0.0	50°	6690.8	3685.4
0.0	0.0	52.5°	6790.9	3679.4
0.0	0.0	55°	6199.1	3271.0
0.0	0.0	57.5°	5289.3	2734.0
0.0	0.0	60°	4396.3	2162.4
0.0	0.0	62.5°	3463.9	1493.2
0.0	0.0	65°	2531.5	1056.2
0.0	0.0	67.5°	1818.3	789.5
		70°	1195.5	604.9
		72.5°	778.8	493.0
		75°	523.9	408.4
		77.5°	306.0	271.5
		80°	108.4	95.3
		82.5°	20.2	14.3
		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: P1048973

CATALOG NUMBER: GALN-SA5A-730-U-RBC

CANDELA DISTRIBUTION (continued):

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-4

Test Date: 10/10/2024

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

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

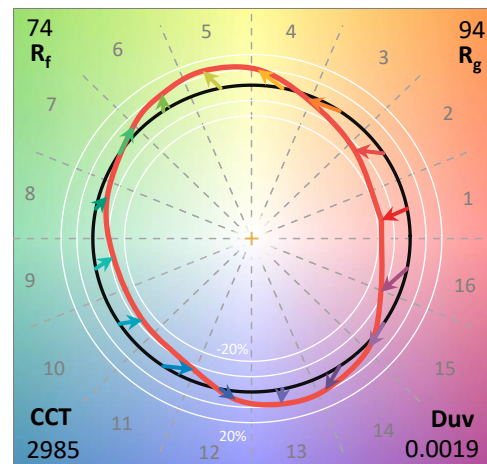
Test Information

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

Spectral Parameters

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

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



Test Conditions

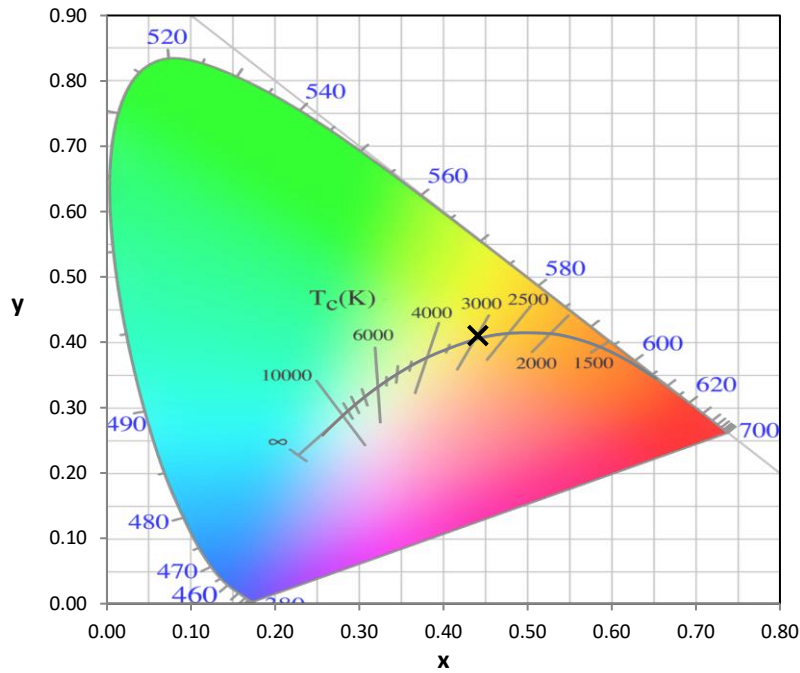
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

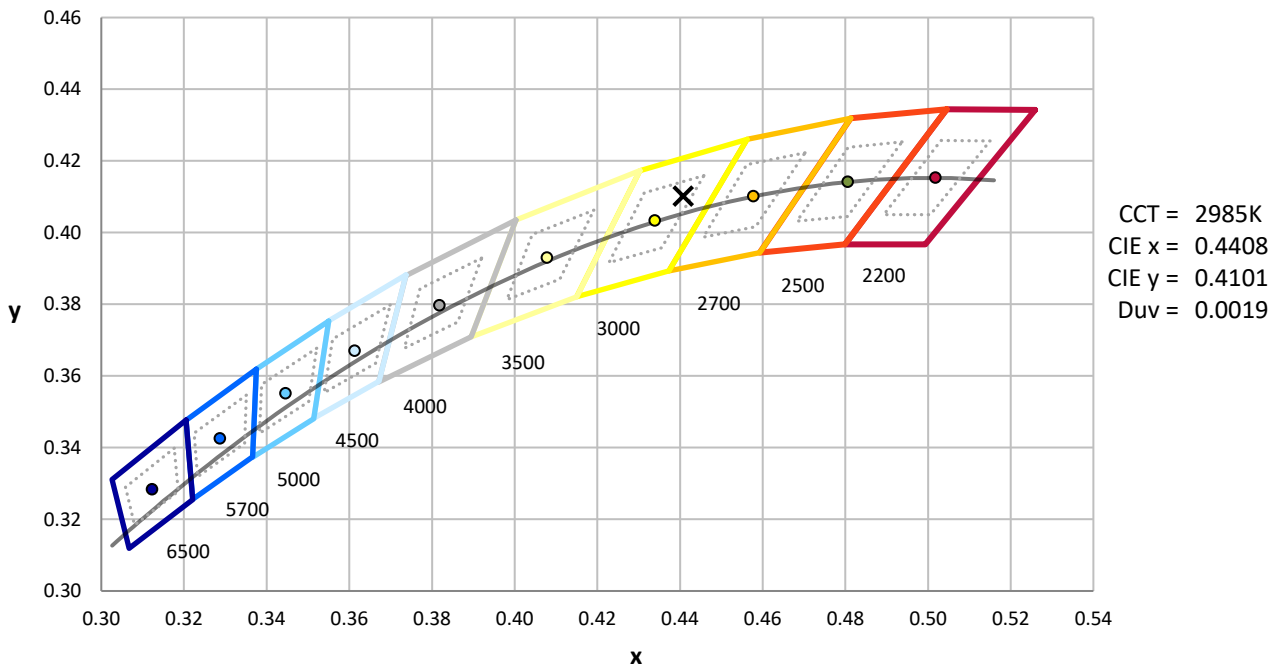
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



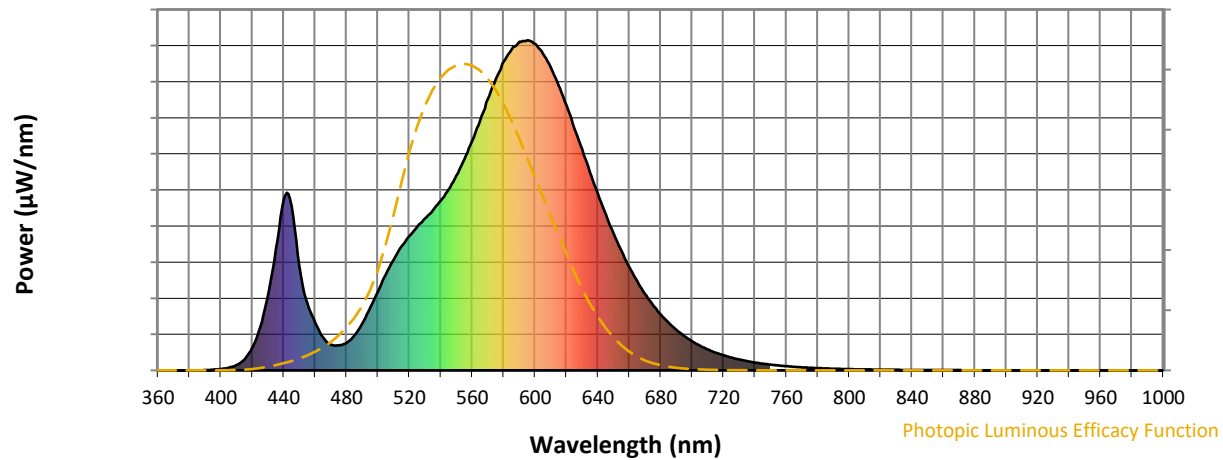
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

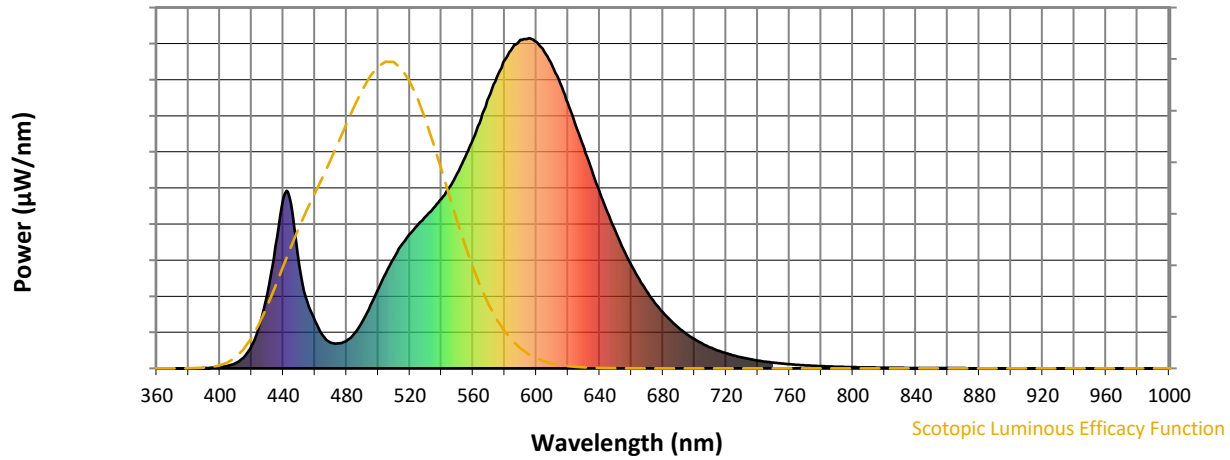


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



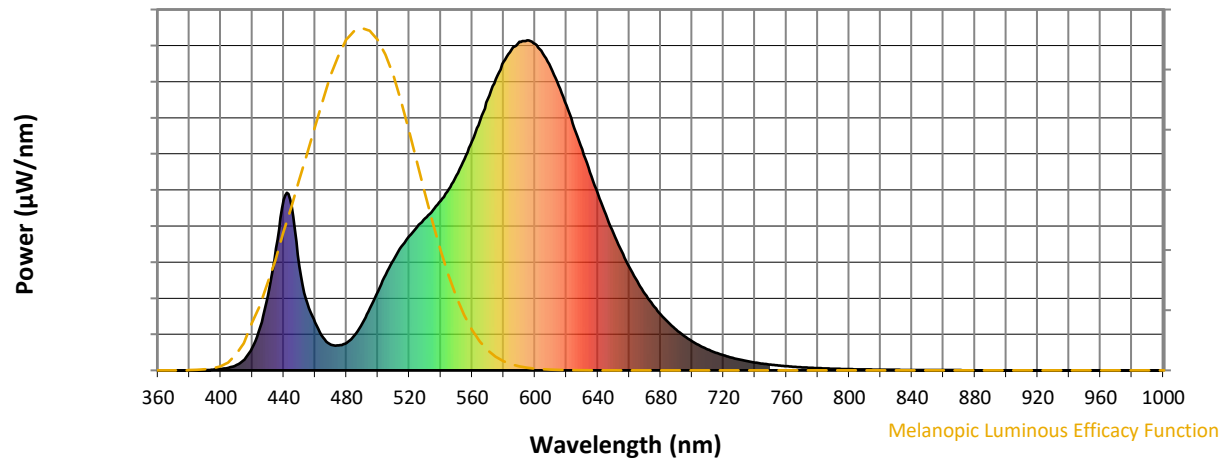
Scotopic Lumens: NR

S/P: 1.19

λ (nm)	Power 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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

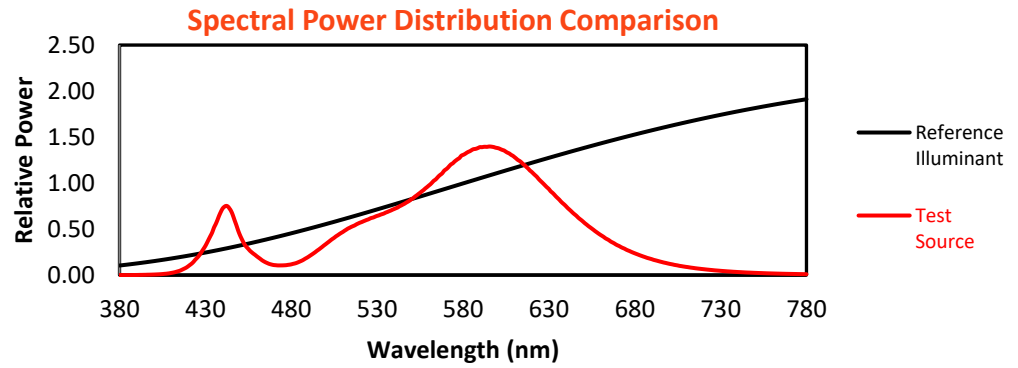
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803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

REPORT NUMBER: SP1-2407-184-4

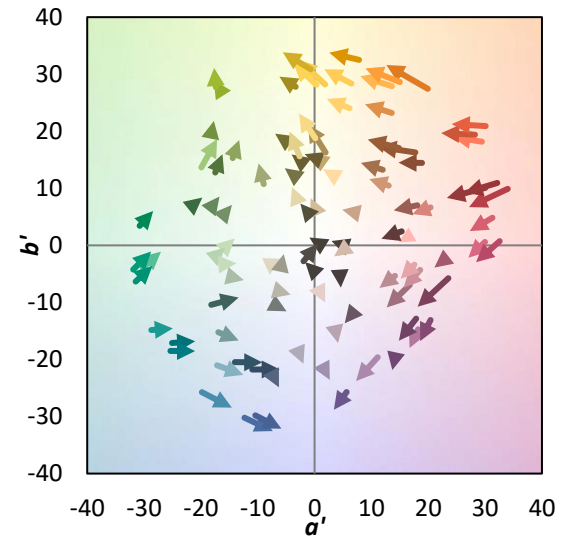
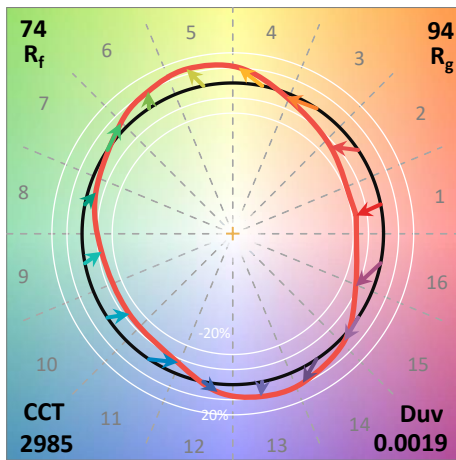
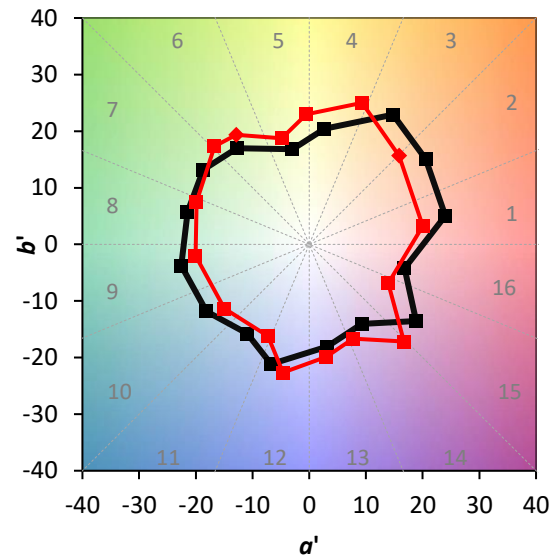
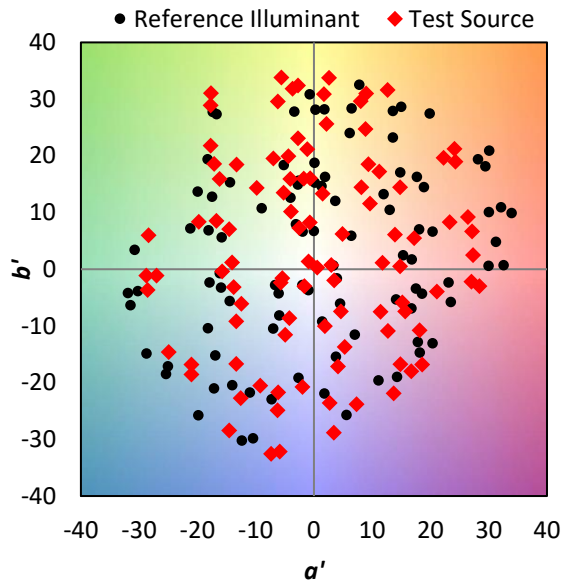
TM-30-18

Summary

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

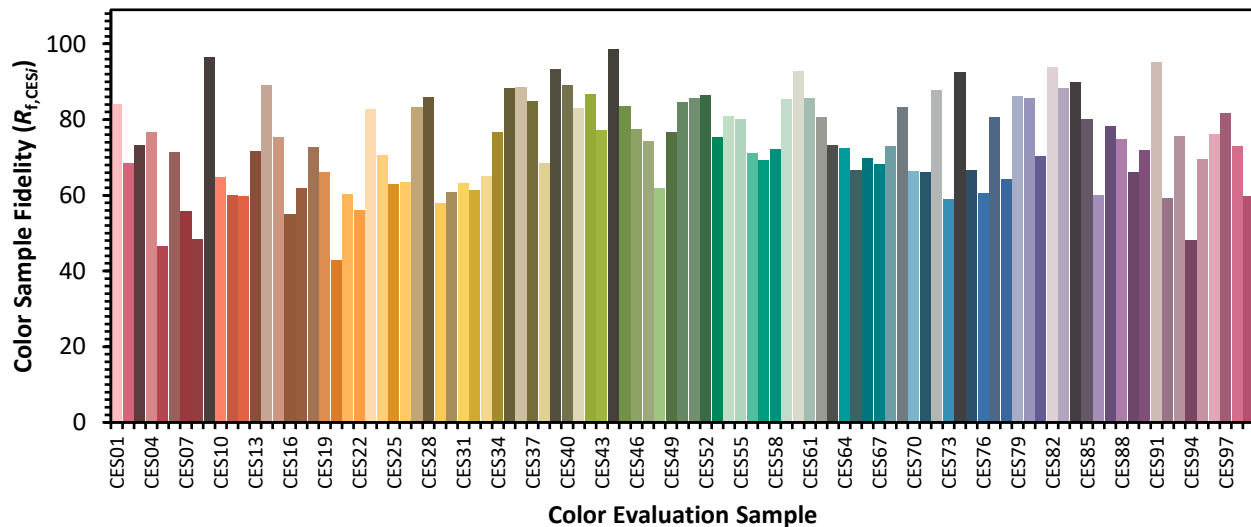


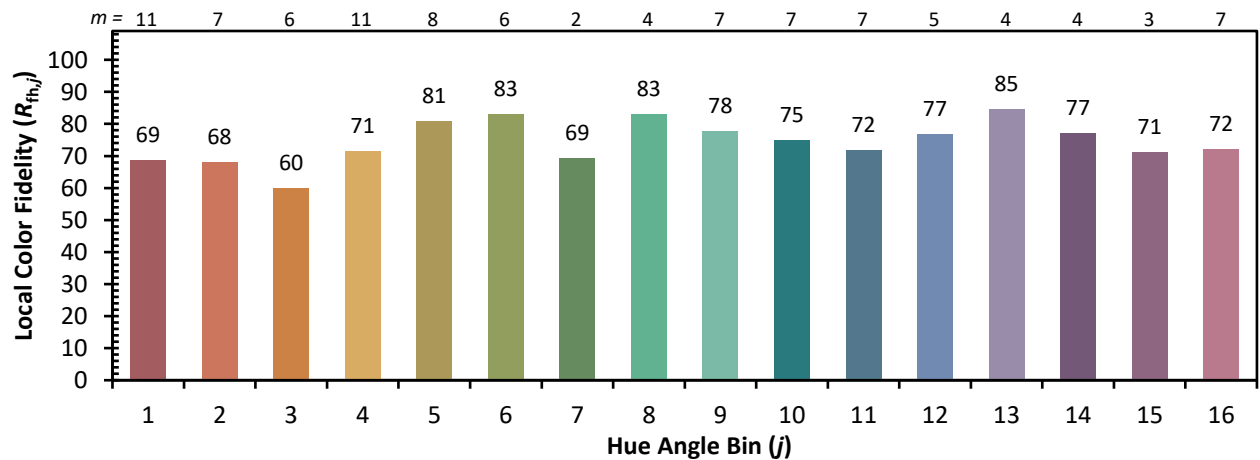
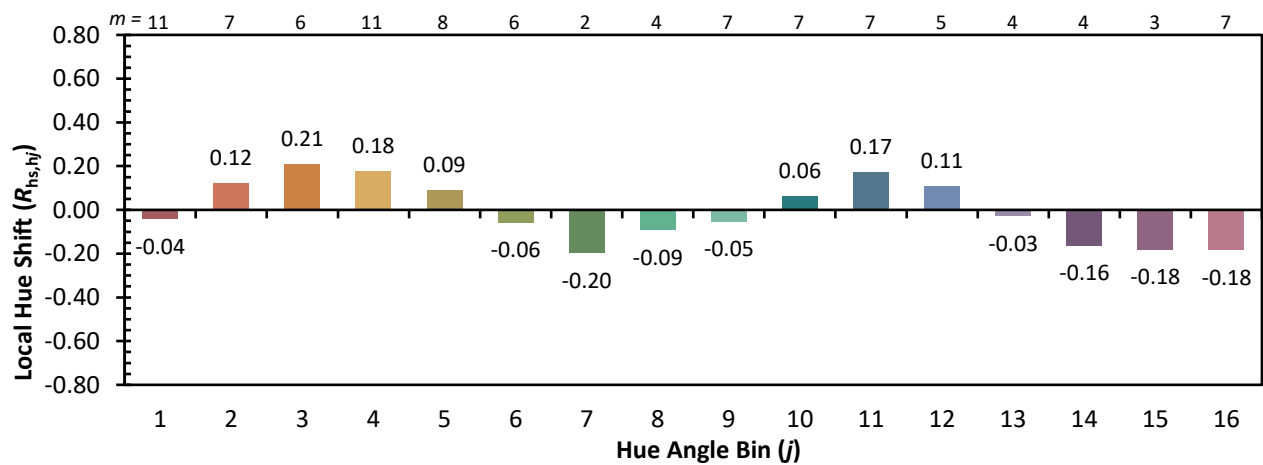
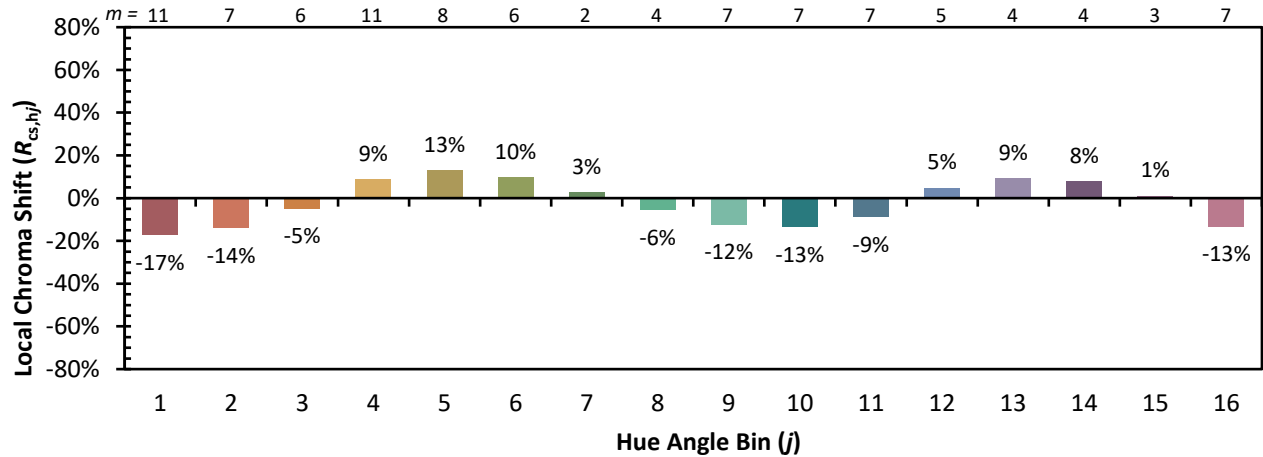
Color Vector Graphics



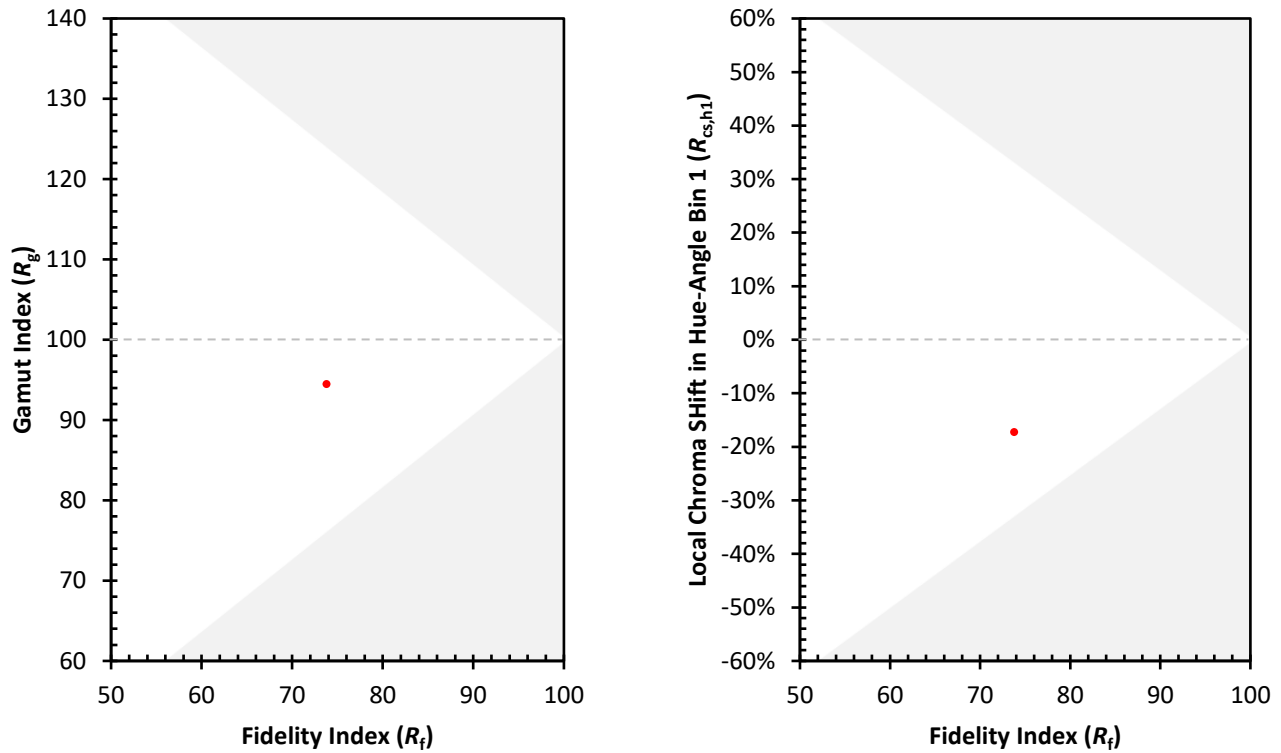
Individual Sample Fidelity Index ($R_{f,i}$)

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



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)