

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: P1048971

Luminaire Tested: **GALN-SA4C-730-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1048971
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4C-730-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 4xLight Square PACKAGE
70CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 19917.6 lumens
Efficiency: N/A
Efficacy: 104.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

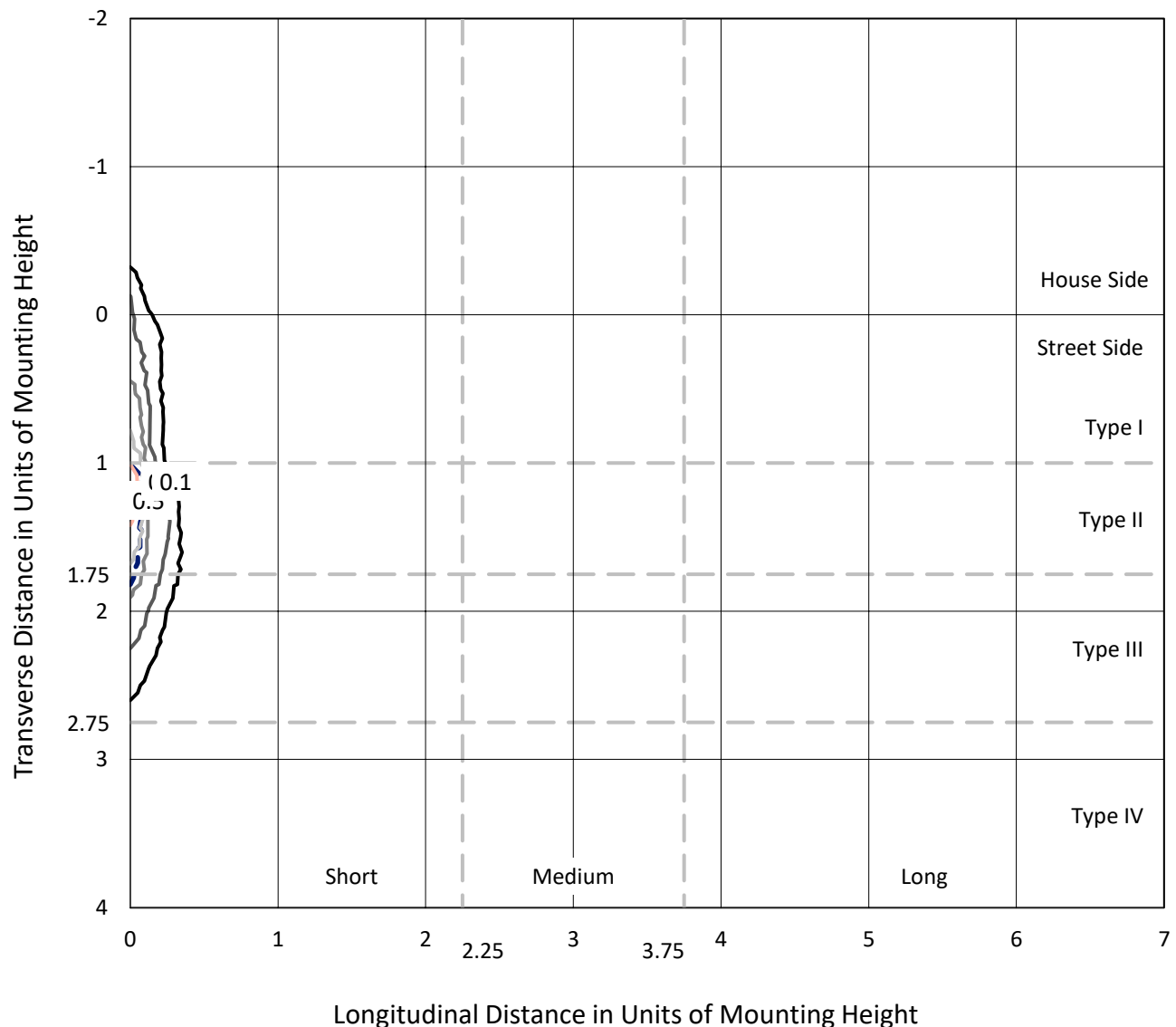
Input Watts (W): 190.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

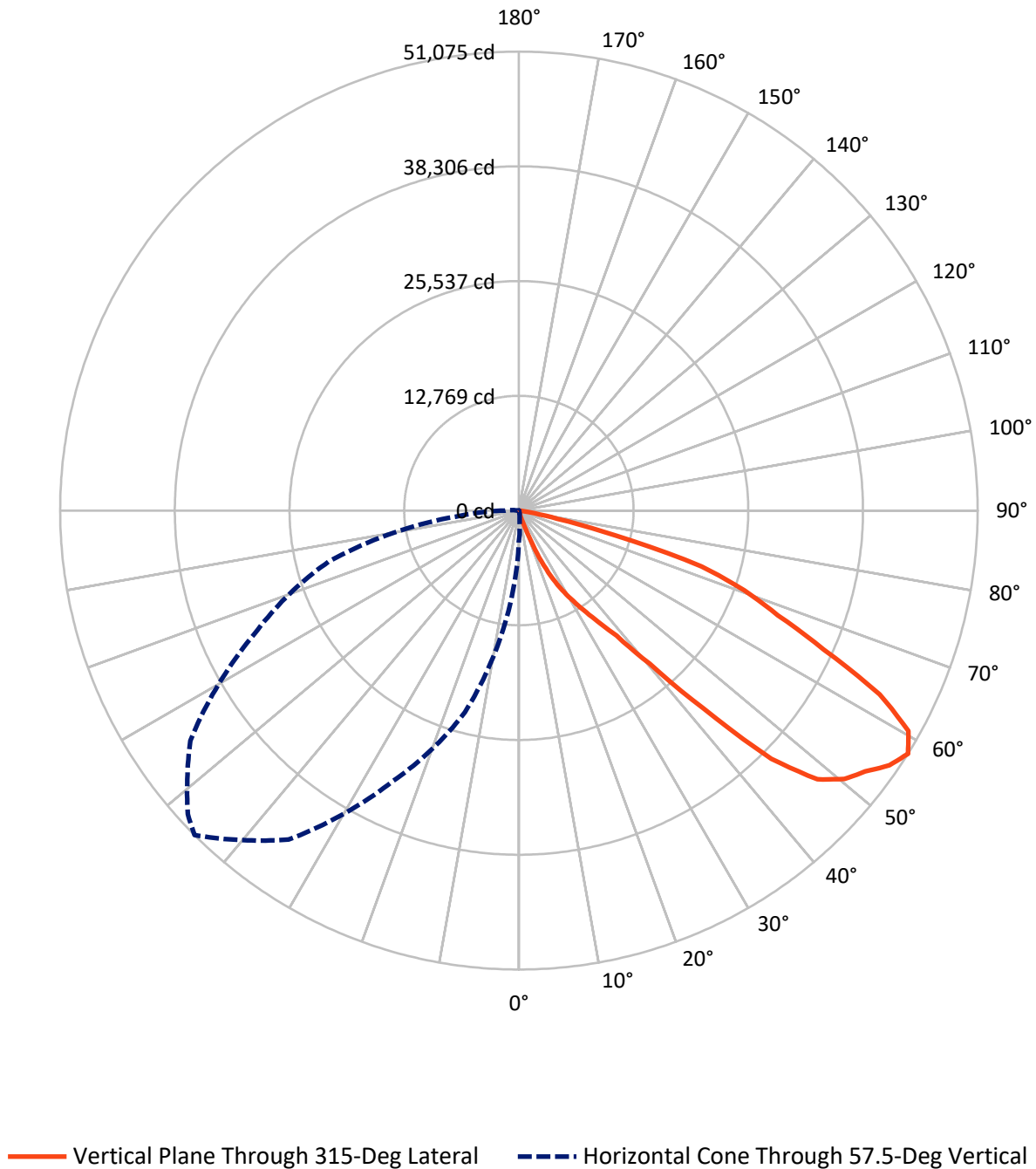
× Max cd
 - - - 1/2 Max cd



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	99.7	0.0	99.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	19817.9	0.0	19817.9
	% Fixture	99.5	0.0	99.5
Total	Lumens	19917.6	0.0	19917.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.8	0.0
10°-20°	43.8	0.2
20°-30°	472.0	2.4
30°-40°	1395.8	7.0
40°-50°	4160.0	20.9
50°-60°	6596.2	33.1
60°-70°	5506.3	27.6
70°-80°	1697.9	8.5
80°-90°	37.8	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	19917.6	100.0
0°-180°	19917.6	100.0



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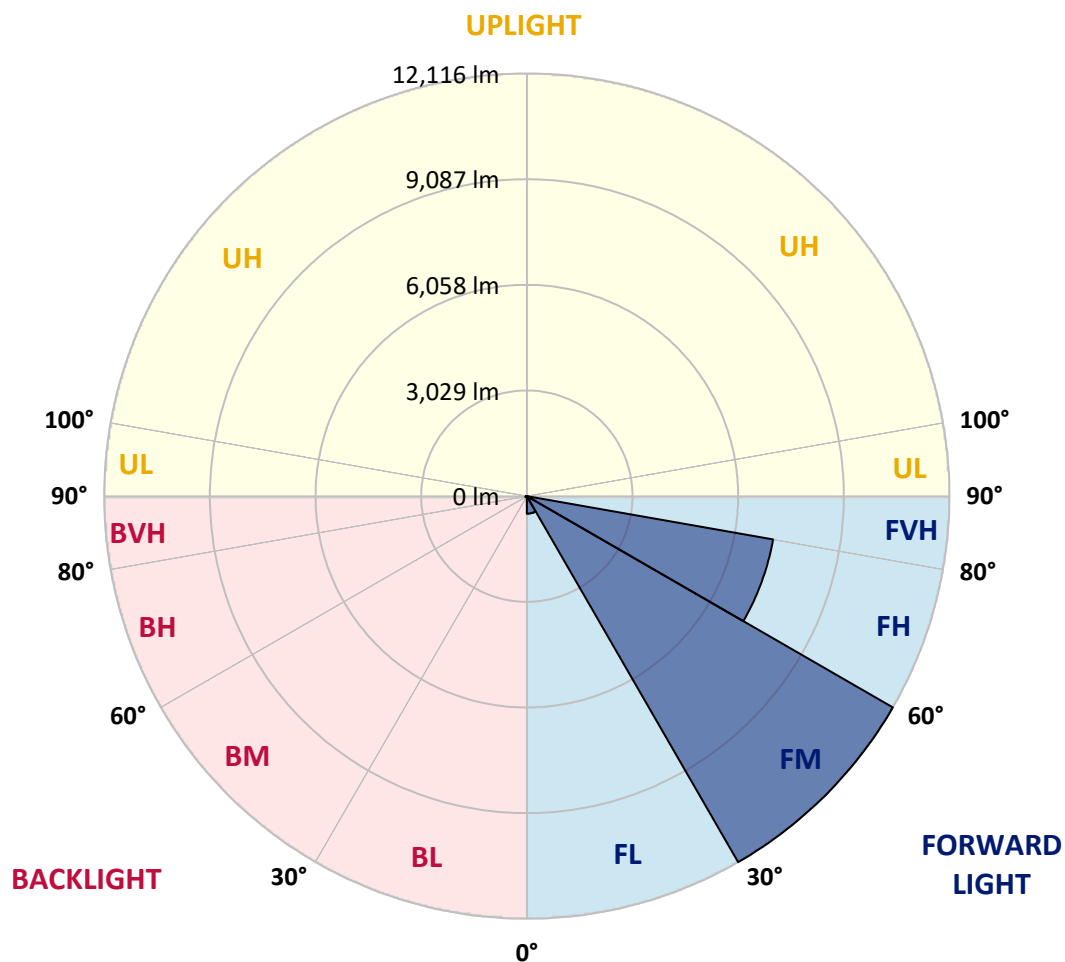
CATALOG NUMBER: GALN-SA4C-730-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	505.3	2.5			
FM	(30°-60°)	12116.4	60.8			
FH	(60°-80°)	7167.0	36.0			G3/7500
FVH	(80°-90°)	29.2	0.1			G1/100
BL	(0°-30°)	18.3	0.1	B0/110		
BM	(30°-60°)	35.7	0.2	B0/220		
BH	(60°-80°)	37.2	0.2	B0/110		G0/110
BVH	(80°-90°)	8.6	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°	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
2.5°	79.8	79.8	79.8	79.8	78.3	78.3	76.8	76.8	75.3	75.3
5°	84.3	84.3	82.8	81.3	81.3	79.8	78.3	76.8	76.8	75.3
7.5°	91.8	90.3	88.8	87.3	84.3	82.8	79.8	78.3	76.8	73.8
10°	100.8	97.8	94.8	91.8	88.8	85.8	82.8	81.3	78.3	76.8
12.5°	112.9	108.4	102.4	97.8	94.8	90.3	87.3	84.3	79.8	76.8
15°	123.4	117.4	109.9	103.9	99.3	93.3	88.8	84.3	81.3	76.8
17.5°	138.5	127.9	115.9	108.4	102.4	94.8	87.3	82.8	78.3	72.2
20°	164.1	143.0	120.4	111.4	102.4	93.3	84.3	78.3	73.8	67.7
22.5°	204.7	168.6	132.5	118.9	106.9	93.3	81.3	75.3	69.2	63.2
25°	283.0	218.2	153.5	135.5	117.4	99.3	81.3	73.8	67.7	60.2
27.5°	376.3	280.0	182.1	156.5	132.5	106.9	81.3	72.2	64.7	55.7
30°	471.1	343.2	213.7	180.6	147.5	114.4	81.3	70.7	61.7	51.2
32.5°	561.4	401.9	240.8	201.7	162.6	121.9	82.8	70.7	58.7	46.7
35°	653.2	450.0	245.3	204.7	164.1	121.9	81.3	67.7	55.7	42.1
37.5°	770.6	504.2	236.3	195.7	156.5	115.9	76.8	64.7	52.7	39.1
40°	948.2	594.5	240.8	198.7	156.5	114.4	72.2	60.2	49.7	37.6
42.5°	1276.4	769.1	260.4	212.2	164.1	114.4	66.2	55.7	46.7	36.1
45°	2206.6	1277.9	349.2	276.9	204.7	132.5	60.2	51.2	43.6	34.6
47.5°	3650.0	2138.8	627.7	484.7	343.2	200.2	58.7	51.2	43.6	34.6
50°	4658.5	2724.3	790.2	608.1	426.0	243.8	61.7	52.7	45.2	36.1
52.5°	4650.9	2766.5	880.5	675.8	472.6	267.9	64.7	55.7	48.2	39.1
55°	4134.7	2516.6	897.1	689.4	483.2	275.4	69.2	60.2	51.2	42.1
57.5°	3455.8	2137.3	818.8	633.7	450.0	264.9	79.8	69.2	60.2	49.7
60°	2733.4	1685.8	638.2	504.2	371.8	237.8	105.4	91.8	79.8	66.2
62.5°	1887.5	1222.2	556.9	447.0	338.7	228.8	120.4	106.9	94.8	81.3
65°	1335.1	919.7	502.7	409.4	317.6	224.3	130.9	115.9	102.4	87.3
67.5°	997.9	731.5	463.6	383.8	304.0	224.3	144.5	126.4	109.9	91.8
70°	764.6	600.6	435.0	370.3	307.1	242.3	177.6	152.0	127.9	102.4
72.5°	623.1	513.3	401.9	355.2	308.6	261.9	215.2	182.1	149.0	114.4
75°	516.3	439.5	362.7	323.6	286.0	246.8	207.7	177.6	149.0	118.9
77.5°	343.2	313.1	281.5	258.9	236.3	212.2	189.6	164.1	140.0	114.4
80°	120.4	115.9	111.4	120.4	129.4	138.5	147.5	129.4	112.9	94.8
82.5°	18.1	16.6	15.1	16.6	18.1	19.6	21.1	22.6	24.1	25.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

25°		0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
87.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.2	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
54.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.3											
81.3											
88.8											
88.8											
78.3											
27.1											
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°	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
0.0	2.5°	73.8	73.8	72.2	72.2	72.2	70.7	70.7	69.2	69.2	69.2
0.0	5°	72.2	72.2	70.7	69.2	67.7	67.7	66.2	64.7	64.7	63.2
0.0	7.5°	70.7	69.2	67.7	66.2	64.7	63.2	61.7	60.2	60.2	58.7
0.0	10°	72.2	69.2	67.7	64.7	63.2	61.7	58.7	57.2	55.7	55.7
0.0	12.5°	69.2	67.7	64.7	61.7	60.2	57.2	55.7	52.7	51.2	51.2
0.0	15°	69.2	66.2	61.7	58.7	55.7	54.2	51.2	48.2	46.7	45.2
0.0	17.5°	64.7	61.7	57.2	54.2	51.2	48.2	45.2	42.1	40.6	39.1
0.0	20°	58.7	55.7	51.2	46.7	43.6	40.6	37.6	34.6	33.1	31.6
0.0	22.5°	52.7	49.7	45.2	40.6	37.6	34.6	30.1	27.1	25.6	22.6
0.0	25°	49.7	45.2	40.6	36.1	31.6	28.6	24.1	19.6	16.6	13.5
0.0	27.5°	42.1	37.6	33.1	28.6	24.1	19.6	15.1	10.5	7.5	6.0
0.0	30°	36.1	31.6	27.1	22.6	16.6	12.0	7.5	1.5	1.5	1.5
0.0	32.5°	30.1	25.6	19.6	15.1	12.0	7.5	4.5	0.0	0.0	0.0
0.0	35°	24.1	19.6	13.5	9.0	7.5	4.5	3.0	0.0	0.0	0.0
0.0	37.5°	21.1	16.6	10.5	4.5	3.0	3.0	1.5	0.0	0.0	0.0
0.0	40°	19.6	13.5	7.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0
0.0	42.5°	19.6	13.5	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	19.6	13.5	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	19.6	13.5	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	21.1	15.1	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	24.1	18.1	12.0	6.0	4.5	3.0	1.5	0.0	0.0	0.0
0.0	55°	30.1	27.1	22.6	19.6	15.1	10.5	4.5	0.0	0.0	0.0
0.0	57.5°	39.1	39.1	37.6	36.1	27.1	18.1	9.0	0.0	0.0	0.0
0.0	60°	52.7	52.7	52.7	52.7	39.1	27.1	13.5	0.0	0.0	0.0
0.0	62.5°	64.7	61.7	57.2	54.2	40.6	27.1	13.5	0.0	0.0	0.0
0.0	65°	64.7	58.7	51.2	43.6	33.1	22.6	10.5	0.0	0.0	0.0
0.0	67.5°	60.2	48.2	34.6	22.6	16.6	12.0	6.0	0.0	0.0	0.0
	70°	60.2	42.1	24.1	6.0	4.5	3.0	1.5	0.0	0.0	0.0
	72.5°	60.2	40.6	19.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	66.2	45.2	22.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	66.2	45.2	22.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	58.7	39.1	19.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	19.6	13.5	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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[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°	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
0.0	2.5°	67.7	67.7	67.7	66.2	66.2	66.2	66.2	64.7	64.7	64.7
0.0	5°	61.7	61.7	60.2	60.2	58.7	58.7	57.2	57.2	55.7	55.7
0.0	7.5°	57.2	55.7	55.7	54.2	52.7	52.7	51.2	51.2	49.7	48.2
0.0	10°	52.7	51.2	51.2	49.7	48.2	46.7	46.7	45.2	43.6	42.1
0.0	12.5°	48.2	46.7	45.2	43.6	42.1	40.6	40.6	39.1	37.6	36.1
0.0	15°	42.1	40.6	39.1	37.6	36.1	34.6	34.6	33.1	31.6	30.1
0.0	17.5°	36.1	34.6	34.6	33.1	31.6	30.1	28.6	25.6	24.1	22.6
0.0	20°	27.1	25.6	24.1	22.6	21.1	18.1	16.6	13.5	10.5	9.0
0.0	22.5°	18.1	15.1	13.5	10.5	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

CATALOG NUMBER: GALN-SA4C-730-U-RBC

[illegible]

REPORT NUMBER: P1048971

CATALOG NUMBER: GALN-SA4C-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°	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
0.0	2.5°	63.2	63.2	63.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7
0.0	5°	54.2	54.2	54.2	52.7	52.7	51.2	51.2	51.2	49.7	49.7
0.0	7.5°	46.7	45.2	45.2	43.6	43.6	42.1	42.1	42.1	40.6	40.6
0.0	10°	39.1	37.6	37.6	36.1	36.1	34.6	34.6	33.1	33.1	31.6
0.0	12.5°	34.6	33.1	31.6	30.1	30.1	28.6	27.1	27.1	25.6	24.1
0.0	15°	27.1	25.6	24.1	22.6	21.1	19.6	18.1	18.1	16.6	15.1
0.0	17.5°	18.1	15.1	13.5	12.0	12.0	10.5	9.0	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
	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: P1048971

CATALOG NUMBER: GALN-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048971

CATALOG NUMBER: GALN-SA4C-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°	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
0.0	2.5°	61.7	60.2	60.2	60.2	61.7	61.7	61.7	61.7	61.7	61.7
0.0	5°	49.7	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
0.0	7.5°	40.6	39.1	39.1	39.1	39.1	37.6	37.6	37.6	37.6	37.6
0.0	10°	31.6	30.1	30.1	30.1	30.1	28.6	28.6	28.6	28.6	28.6
0.0	12.5°	22.6	22.6	21.1	21.1	21.1	19.6	19.6	19.6	19.6	18.1
0.0	15°	13.5	12.0	10.5	10.5	10.5	9.0	9.0	9.0	9.0	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



REPORT NUMBER: P1048971

CATALOG NUMBER: GALN-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048971

CATALOG NUMBER: GALN-SA4C-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°	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
0.0	2.5°	63.2	63.2	64.7	64.7	66.2	69.2	70.7	72.2	75.3	78.3
0.0	5°	49.7	51.2	51.2	52.7	54.2	55.7	57.2	58.7	61.7	64.7
0.0	7.5°	39.1	39.1	40.6	40.6	42.1	45.2	46.7	48.2	51.2	55.7
0.0	10°	30.1	30.1	31.6	31.6	33.1	36.1	37.6	39.1	42.1	46.7
0.0	12.5°	19.6	21.1	21.1	22.6	24.1	27.1	28.6	30.1	33.1	36.1
0.0	15°	9.0	10.5	10.5	12.0	13.5	16.6	18.1	19.6	22.6	27.1
0.0	17.5°	1.5	1.5	3.0	3.0	4.5	6.0	7.5	9.0	13.5	16.6
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
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: P1048971

CATALOG NUMBER: GALN-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048971

CATALOG NUMBER: GALN-SA4C-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°	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
0.0	2.5°	82.8	85.8	88.8	91.8	94.8	97.8	99.3	102.4	103.9	105.4
0.0	5°	70.7	73.8	78.3	81.3	84.3	87.3	90.3	91.8	93.3	94.8
0.0	7.5°	61.7	64.7	69.2	72.2	75.3	78.3	81.3	84.3	85.8	87.3
0.0	10°	52.7	57.2	60.2	64.7	67.7	70.7	73.8	76.8	79.8	81.3
0.0	12.5°	42.1	46.7	51.2	54.2	58.7	63.2	66.2	69.2	72.2	75.3
0.0	15°	33.1	37.6	42.1	45.2	49.7	54.2	58.7	61.7	64.7	67.7
0.0	17.5°	24.1	28.6	33.1	36.1	40.6	45.2	48.2	52.7	55.7	58.7
0.0	20°	12.0	16.6	21.1	25.6	30.1	34.6	37.6	42.1	45.2	48.2
0.0	22.5°	1.5	6.0	10.5	13.5	18.1	22.6	25.6	30.1	33.1	36.1
0.0	25°	0.0	1.5	4.5	6.0	7.5	10.5	13.5	16.6	19.6	22.6
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.5	3.0	6.0	9.0	12.0
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	9.0	10.5
	87.5°	0.0	1.5	3.0	4.5	6.0	9.0	12.0	15.1	16.6	18.1
	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: P1048971

CATALOG NUMBER: GALN-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
87.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1	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											
13.5											
19.6											
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0.0											

REPORT NUMBER: P1048971

CATALOG NUMBER: GALN-SA4C-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°	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
0.0	2.5°	106.9	106.9	106.9	106.9	105.4	105.4	105.4	103.9	103.9	102.4
0.0	5°	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	97.8	97.8
0.0	7.5°	90.3	91.8	93.3	93.3	94.8	94.8	94.8	93.3	93.3	91.8
0.0	10°	85.8	87.3	87.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8
0.0	12.5°	79.8	81.3	82.8	82.8	84.3	84.3	84.3	84.3	82.8	82.8
0.0	15°	72.2	75.3	76.8	78.3	78.3	79.8	79.8	79.8	79.8	79.8
0.0	17.5°	66.2	69.2	70.7	72.2	72.2	73.8	73.8	75.3	75.3	75.3
0.0	20°	54.2	57.2	58.7	61.7	63.2	64.7	66.2	67.7	67.7	69.2
0.0	22.5°	42.1	45.2	46.7	49.7	51.2	52.7	54.2	55.7	57.2	58.7
0.0	25°	30.1	33.1	34.6	37.6	39.1	40.6	42.1	43.6	43.6	45.2
0.0	27.5°	16.6	19.6	22.6	24.1	27.1	28.6	30.1	31.6	33.1	34.6
0.0	30°	7.5	9.0	10.5	13.5	15.1	16.6	18.1	21.1	22.6	24.1
0.0	32.5°	0.0	0.0	1.5	4.5	6.0	7.5	9.0	10.5	10.5	12.0
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	9.0	10.5	10.5	12.0	12.0	12.0	12.0	10.5	10.5
	85°	15.1	16.6	18.1	18.1	19.6	19.6	19.6	19.6	19.6	19.6
	87.5°	21.1	22.6	24.1	24.1	25.6	25.6	25.6	25.6	25.6	25.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048971

CATALOG NUMBER: GALN-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
87.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.0	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											
10.5											
19.6											
25.6											
0.0											
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REPORT NUMBER: P1048971

CATALOG NUMBER: GALN-SA4C-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°	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
0.0	2.5°	100.8	100.8	99.3	99.3	99.3	99.3	99.3	100.8	102.4	102.4
0.0	5°	96.3	96.3	94.8	94.8	94.8	96.3	96.3	97.8	99.3	100.8
0.0	7.5°	91.8	90.3	90.3	91.8	91.8	93.3	93.3	94.8	96.3	97.8
0.0	10°	88.8	87.3	87.3	87.3	88.8	88.8	90.3	91.8	93.3	94.8
0.0	12.5°	82.8	82.8	82.8	82.8	84.3	84.3	85.8	87.3	90.3	91.8
0.0	15°	79.8	78.3	78.3	78.3	78.3	79.8	79.8	82.8	85.8	87.3
0.0	17.5°	73.8	73.8	72.2	72.2	73.8	73.8	75.3	78.3	81.3	82.8
0.0	20°	67.7	66.2	64.7	64.7	66.2	66.2	67.7	70.7	73.8	75.3
0.0	22.5°	58.7	57.2	57.2	57.2	57.2	58.7	58.7	61.7	66.2	69.2
0.0	25°	46.7	48.2	48.2	49.7	49.7	51.2	52.7	55.7	60.2	63.2
0.0	27.5°	36.1	37.6	37.6	40.6	42.1	43.6	45.2	49.7	54.2	57.2
0.0	30°	27.1	28.6	30.1	31.6	34.6	37.6	40.6	45.2	49.7	52.7
0.0	32.5°	16.6	19.6	21.1	24.1	27.1	30.1	33.1	37.6	43.6	48.2
0.0	35°	12.0	13.5	16.6	18.1	21.1	24.1	27.1	33.1	37.6	43.6
0.0	37.5°	6.0	9.0	12.0	15.1	18.1	21.1	24.1	30.1	36.1	40.6
0.0	40°	4.5	7.5	9.0	12.0	16.6	19.6	22.6	28.6	34.6	40.6
0.0	42.5°	3.0	4.5	6.0	10.5	13.5	18.1	22.6	28.6	34.6	40.6
0.0	45°	3.0	3.0	4.5	9.0	13.5	19.6	24.1	30.1	34.6	40.6
0.0	47.5°	3.0	4.5	6.0	12.0	15.1	19.6	24.1	28.6	34.6	39.1
0.0	50°	4.5	6.0	7.5	13.5	16.6	21.1	24.1	30.1	34.6	40.6
0.0	52.5°	3.0	4.5	6.0	12.0	16.6	22.6	27.1	33.1	39.1	43.6
0.0	55°	1.5	1.5	1.5	9.0	18.1	25.6	34.6	39.1	45.2	49.7
0.0	57.5°	0.0	0.0	0.0	6.0	18.1	28.6	39.1	45.2	51.2	55.7
0.0	60°	0.0	0.0	0.0	6.0	18.1	28.6	39.1	46.7	54.2	61.7
0.0	62.5°	0.0	0.0	0.0	6.0	15.1	24.1	33.1	45.2	58.7	70.7
0.0	65°	0.0	0.0	0.0	4.5	12.0	19.6	27.1	45.2	63.2	79.8
0.0	67.5°	0.0	0.0	0.0	4.5	12.0	18.1	25.6	45.2	63.2	82.8
	70°	0.0	0.0	0.0	4.5	12.0	19.6	27.1	45.2	63.2	81.3
	72.5°	0.0	0.0	0.0	4.5	13.5	21.1	30.1	45.2	60.2	75.3
	75°	0.0	0.0	0.0	6.0	13.5	22.6	31.6	45.2	58.7	70.7
	77.5°	0.0	0.0	0.0	4.5	13.5	21.1	30.1	43.6	57.2	69.2
	80°	4.5	3.0	3.0	7.5	13.5	19.6	25.6	39.1	54.2	67.7
	82.5°	9.0	9.0	7.5	10.5	13.5	18.1	22.6	34.6	48.2	60.2
	85°	18.1	18.1	16.6	18.1	18.1	19.6	21.1	27.1	33.1	39.1
	87.5°	24.1	24.1	22.6	22.6	22.6	21.1	21.1	21.1	21.1	19.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048971

CATALOG NUMBER: GALN-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
87.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.3											
90.3											
84.3											
82.8											
81.3											
72.2											
45.2											
19.6											
0.0											
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REPORT NUMBER: P1048971

CATALOG NUMBER: GALN-SA4C-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°	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
0.0	2.5°	105.4	106.9	106.9	108.4	109.9	111.4	111.4	112.9	112.9	112.9
0.0	5°	103.9	106.9	108.4	109.9	111.4	112.9	114.4	115.9	117.4	117.4
0.0	7.5°	102.4	103.9	106.9	108.4	111.4	112.9	115.9	117.4	118.9	120.4
0.0	10°	99.3	102.4	105.4	108.4	111.4	114.4	117.4	120.4	123.4	124.9
0.0	12.5°	96.3	100.8	103.9	106.9	111.4	115.9	118.9	123.4	126.4	129.4
0.0	15°	94.8	97.8	102.4	105.4	111.4	117.4	121.9	127.9	134.0	138.5
0.0	17.5°	90.3	96.3	100.8	105.4	111.4	118.9	124.9	130.9	140.0	149.0
0.0	20°	84.3	88.8	94.8	99.3	108.4	115.9	124.9	132.5	146.0	159.5
0.0	22.5°	78.3	84.3	88.8	94.8	105.4	114.4	124.9	134.0	156.5	177.6
0.0	25°	72.2	79.8	85.8	91.8	103.9	115.9	127.9	140.0	177.6	215.2
0.0	27.5°	69.2	75.3	82.8	88.8	103.9	120.4	135.5	150.5	210.7	269.4
0.0	30°	64.7	72.2	78.3	85.8	105.4	124.9	144.5	164.1	255.9	347.7
0.0	32.5°	60.2	67.7	75.3	82.8	108.4	134.0	158.0	183.6	304.0	422.9
0.0	35°	55.7	64.7	72.2	79.8	112.9	147.5	180.6	213.7	347.7	480.1
0.0	37.5°	54.2	63.2	70.7	78.3	114.4	149.0	185.1	219.8	352.2	484.7
0.0	40°	55.7	63.2	72.2	79.8	109.9	140.0	168.6	198.7	337.2	474.1
0.0	42.5°	55.7	64.7	73.8	82.8	106.9	130.9	155.0	179.1	332.6	486.2
0.0	45°	54.2	63.2	72.2	81.3	103.9	124.9	147.5	168.6	359.7	549.4
0.0	47.5°	52.7	61.7	70.7	79.8	102.4	124.9	147.5	170.1	465.1	758.6
0.0	50°	52.7	61.7	69.2	76.8	103.9	132.5	159.5	186.6	677.3	1166.5
0.0	52.5°	55.7	63.2	69.2	75.3	106.9	140.0	171.6	203.2	860.9	1517.2
0.0	55°	60.2	64.7	70.7	75.3	114.4	152.0	191.2	228.8	916.6	1604.5
0.0	57.5°	66.2	70.7	75.3	79.8	127.9	176.1	222.8	270.9	921.2	1569.9
0.0	60°	73.8	79.8	84.3	88.8	140.0	192.7	243.8	295.0	833.9	1371.2
0.0	62.5°	90.3	97.8	103.9	111.4	161.1	209.2	258.9	307.1	692.4	1077.7
0.0	65°	103.9	109.9	115.9	121.9	170.1	219.8	267.9	316.1	587.0	857.9
0.0	67.5°	106.9	112.9	117.4	123.4	173.1	222.8	270.9	320.6	502.7	683.3
	70°	108.4	115.9	124.9	132.5	183.6	234.8	284.5	335.6	445.5	555.4
	72.5°	103.9	118.9	132.5	146.0	194.2	240.8	289.0	335.6	413.9	492.2
	75°	103.9	124.9	144.5	164.1	200.2	234.8	270.9	305.5	365.8	426.0
	77.5°	109.9	137.0	164.1	191.2	212.2	231.8	252.9	272.4	311.6	350.7
	80°	109.9	138.5	165.6	194.2	203.2	213.7	222.8	231.8	236.3	240.8
	82.5°	94.8	117.4	140.0	162.6	152.0	141.5	130.9	120.4	112.9	103.9
	85°	48.2	52.7	55.7	58.7	54.2	49.7	45.2	40.6	37.6	33.1
	87.5°	19.6	19.6	18.1	18.1	18.1	18.1	16.6	16.6	16.6	16.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048971

CATALOG NUMBER: GALN-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
87.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
236.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
445.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
603.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
754.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
856.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
933.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1010.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1160.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1461.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2227.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3412.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4295.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4393.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3964.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3389.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2649.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1478.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1046.1											
778.2											
565.9											
426.0											
239.3											
108.4											
31.6											
15.1											
0.0											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1048971

CATALOG NUMBER: GALN-SA4C-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°	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
0.0	2.5°	112.9	111.4	111.4	109.9	108.4	106.9	105.4	103.9	102.4	100.8
0.0	5°	117.4	117.4	117.4	115.9	115.9	114.4	114.4	112.9	111.4	109.9
0.0	7.5°	121.9	123.4	123.4	124.9	124.9	124.9	124.9	123.4	123.4	123.4
0.0	10°	129.4	130.9	132.5	134.0	135.5	137.0	137.0	138.5	138.5	138.5
0.0	12.5°	138.5	143.0	146.0	150.5	153.5	158.0	161.1	165.6	168.6	171.6
0.0	15°	152.0	159.5	168.6	176.1	183.6	194.2	206.2	216.7	227.3	243.8
0.0	17.5°	171.6	195.7	219.8	242.3	266.4	319.1	371.8	422.9	475.6	552.4
0.0	20°	209.2	281.5	352.2	424.5	495.2	680.3	864.0	1049.1	1232.7	1429.9
0.0	22.5°	293.5	471.1	648.7	826.3	1003.9	1390.8	1776.1	2162.9	2548.2	3001.3
0.0	25°	426.0	752.6	1079.2	1404.3	1730.9	2336.0	2942.6	3547.7	4152.7	4741.2
0.0	27.5°	620.1	1119.8	1619.5	2117.8	2617.5	3437.8	4259.6	5079.9	5900.2	6565.5
0.0	30°	859.4	1536.8	2214.1	2891.4	3568.7	4501.9	5435.1	6366.8	7300.0	8027.0
0.0	32.5°	1085.2	1914.6	2743.9	3571.7	4401.1	5463.7	6527.9	7590.5	8653.1	9447.9
0.0	35°	1232.7	2235.2	3239.1	4241.5	5244.0	6393.9	7543.8	8692.3	9842.2	10749.8
0.0	37.5°	1380.2	2537.7	3693.7	4851.1	6007.1	7269.9	8532.7	9795.6	11058.4	12179.7
0.0	40°	1545.8	2903.4	4259.6	5617.2	6973.4	8469.5	9964.1	11460.3	12954.9	14536.8
0.0	42.5°	1833.3	3510.0	5188.3	6865.0	8541.8	10521.0	12500.3	14478.1	16457.4	18715.1
0.0	45°	2373.6	4736.7	7101.3	9464.4	11827.5	14449.5	17073.0	19695.0	22317.0	25321.3
0.0	47.5°	3696.7	6947.8	10197.4	13448.6	16698.2	19529.4	22359.1	25190.3	28020.0	31012.3
0.0	50°	5656.4	9440.3	13224.3	17006.8	20790.7	23352.5	25912.8	28474.6	31034.8	33881.1
0.0	52.5°	7074.2	11016.2	14959.8	18901.8	22843.8	25155.7	27469.1	29781.0	32093.0	34752.6
0.0	55°	7181.1	11100.5	15021.5	18940.9	22860.3	25182.8	27505.2	29827.7	32150.2	34969.3
0.0	57.5°	6357.8	10245.6	14131.9	18019.7	21906.1	24550.6	27193.7	29838.2	32481.3	35529.2
0.0	60°	5408.0	9297.4	13185.2	17074.5	20962.3	24008.8	27056.7	30103.1	33149.6	36004.9
0.0	62.5°	4219.0	8219.7	12221.9	16222.6	20223.3	23316.4	26409.5	29501.1	32594.2	34736.0
0.0	65°	3144.3	7029.1	10913.9	14797.2	18682.0	21159.5	23637.0	26113.0	28590.5	29916.5
0.0	67.5°	2272.8	5623.3	8972.2	12322.7	15671.7	17444.8	19217.8	20989.4	22762.5	23777.0
	70°	1536.8	3857.7	6177.2	8498.1	10817.6	12274.6	13733.1	15190.0	16647.0	18016.7
	72.5°	1064.1	2367.6	3672.6	4976.0	6279.5	7745.5	9210.1	10676.1	12140.6	13590.1
	75°	705.9	1299.0	1893.5	2486.5	3079.6	4164.8	5251.5	6336.7	7421.9	8285.9
	77.5°	501.2	678.8	857.9	1035.5	1213.2	1416.4	1621.1	1824.3	2027.4	2336.0
	80°	237.8	260.4	283.0	304.0	326.6	400.4	474.1	547.9	621.6	699.9
	82.5°	112.9	121.9	130.9	138.5	147.5	155.0	162.6	170.1	177.6	170.1
	85°	30.1	30.1	31.6	31.6	31.6	31.6	31.6	31.6	31.6	30.1
	87.5°	13.5	13.5	13.5	13.5	13.5	13.5	13.5	12.0	12.0	10.5
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
87.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
261.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
627.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1628.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3454.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5329.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7230.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8755.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10244.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11657.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13302.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16118.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20972.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28325.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34004.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36727.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37412.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37790.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38577.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38858.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36879.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31244.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24792.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19384.9											
15039.5											
9149.8											
2644.6											
778.2											
161.1											
28.6											
10.5											
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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°	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
0.0	2.5°	97.8	96.3	94.8	93.3	91.8	88.8	88.8	87.3	87.3
0.0	5°	106.9	105.4	103.9	102.4	102.4	100.8	99.3	99.3	97.8
0.0	7.5°	121.9	120.4	118.9	117.4	117.4	115.9	115.9	114.4	114.4
0.0	10°	140.0	140.0	140.0	140.0	140.0	138.5	138.5	138.5	137.0
0.0	12.5°	176.1	177.6	180.6	183.6	188.1	188.1	188.1	186.6	186.6
0.0	15°	278.5	295.0	307.1	319.1	329.6	353.7	350.7	346.2	343.2
0.0	17.5°	704.4	779.7	820.3	859.4	900.1	1011.5	993.4	975.3	958.8
0.0	20°	1825.8	2022.9	2153.9	2284.8	2417.3	2626.5	2575.3	2524.1	2473.0
0.0	22.5°	3905.9	4358.9	4556.1	4753.3	4949.0	5201.8	5037.8	4873.7	4711.1
0.0	25°	5916.8	6505.3	6837.9	7170.6	7501.7	7646.2	7432.5	7217.2	7003.5
0.0	27.5°	7896.1	8561.3	8854.8	9146.8	9440.3	9742.9	9478.0	9211.6	8946.7
0.0	30°	9482.5	10209.5	10527.1	10843.2	11160.7	11371.5	11097.5	10822.1	10548.1
0.0	32.5°	11038.8	11833.5	12181.2	12528.9	12875.1	13177.6	12840.5	12501.8	12164.7
0.0	35°	12563.5	13471.2	13949.8	14428.4	14907.1	15188.5	14788.2	14386.3	13985.9
0.0	37.5°	14423.9	15545.3	16081.1	16616.9	17152.8	17666.0	17225.0	16782.5	16341.5
0.0	40°	17700.6	19282.6	20104.4	20927.7	21749.5	22411.8	21854.9	21298.0	20741.1
0.0	42.5°	23230.6	25488.3	26669.9	27849.9	29031.5	30065.5	29480.0	28894.5	28309.0
0.0	45°	31329.8	34334.1	35774.6	37213.5	38653.9	39409.5	38566.6	37722.2	36879.4
0.0	47.5°	36995.3	39987.5	41269.9	42552.3	43834.7	44697.1	43666.1	42635.1	41605.5
0.0	50°	39572.1	42418.3	43705.2	44990.6	46277.6	46962.4	45771.8	44579.7	43389.2
0.0	52.5°	40070.3	42729.9	44265.2	45801.9	47337.2	48252.3	46846.5	45439.2	44033.4
0.0	55°	40609.1	43428.3	45208.9	46991.0	48771.6	50038.9	48449.5	46858.5	45269.1
0.0	57.5°	41623.6	44671.6	46447.6	48222.2	49998.3	51074.5	49480.5	47885.1	46291.1
0.0	60°	41713.9	44567.7	46093.9	47621.7	49147.9	49825.2	48300.5	46774.3	45249.5
0.0	62.5°	39021.2	41163.0	42222.7	43282.3	44341.9	45077.9	43487.0	41894.5	40303.6
0.0	65°	32570.1	33896.1	34740.5	35584.9	36429.3	37306.8	35849.8	34392.8	32935.8
0.0	67.5°	25807.4	26821.9	27934.2	29046.5	30158.8	31096.5	29930.0	28762.0	27595.5
	70°	20754.6	22122.8	23373.6	24624.4	25875.2	26642.8	25471.8	24299.3	23128.2
	72.5°	16489.0	17938.5	18983.0	20026.1	21070.7	21258.8	20397.9	19536.9	18677.5
	75°	10012.3	10876.3	10897.3	10916.9	10938.0	11117.1	10403.6	9690.2	8978.3
	77.5°	2953.1	3261.7	3516.0	3768.9	4023.3	4330.3	4068.4	3805.0	3543.1
	80°	854.9	933.2	999.4	1064.1	1130.4	1091.2	1029.5	967.8	906.1
	82.5°	153.5	144.5	143.0	141.5	141.5	134.0	121.9	109.9	97.8
	85°	27.1	25.6	24.1	22.6	21.1	19.6	16.6	15.1	12.0
	87.5°	9.0	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°	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
0.0	0.0	2.5°	85.8	84.3	84.3	84.3	84.3	82.8	82.8	82.8	82.8
0.0	0.0	5°	94.8	94.8	93.3	93.3	91.8	91.8	90.3	90.3	88.8
0.0	0.0	7.5°	111.4	109.9	108.4	106.9	105.4	102.4	100.8	99.3	99.3
0.0	0.0	10°	134.0	130.9	129.4	126.4	124.9	121.9	118.9	115.9	112.9
0.0	0.0	12.5°	176.1	170.1	165.6	159.5	153.5	149.0	143.0	138.5	132.5
0.0	0.0	15°	305.5	290.5	273.9	254.4	233.3	213.7	192.7	180.6	167.1
0.0	0.0	17.5°	781.2	702.9	623.1	558.4	493.7	430.5	365.8	319.1	272.4
0.0	0.0	20°	1988.3	1771.6	1554.8	1341.1	1125.9	912.1	696.9	588.5	480.1
0.0	0.0	22.5°	3741.8	3339.9	2936.6	2546.7	2155.4	1765.5	1375.7	1130.4	886.5
0.0	0.0	25°	5775.3	5269.6	4763.8	4122.6	3479.9	2838.7	2197.5	1798.7	1399.8
0.0	0.0	27.5°	7515.2	6932.8	6350.3	5570.6	4790.9	4011.2	3231.6	2637.0	2044.0
0.0	0.0	30°	9021.9	8395.8	7769.6	6862.0	5954.4	5046.8	4139.2	3395.6	2652.1
0.0	0.0	32.5°	10328.4	9578.8	8829.3	7893.0	6956.8	6020.6	5084.4	4172.3	3260.2
0.0	0.0	35°	11835.0	10960.6	10084.6	9046.0	8005.9	6967.4	5928.8	4899.3	3868.3
0.0	0.0	37.5°	13749.6	12676.4	11601.7	10444.3	9286.8	8130.9	6973.4	5796.4	4619.3
0.0	0.0	40°	17414.7	16029.9	14645.2	13174.6	11702.6	10232.1	8761.5	7316.6	5871.6
0.0	0.0	42.5°	23981.7	22110.8	20239.8	18283.1	16324.9	14368.2	12410.0	10372.0	8332.5
0.0	0.0	45°	31393.1	29072.1	26749.6	24553.6	22356.1	20160.1	17964.0	15167.5	12370.9
0.0	0.0	47.5°	35560.8	33054.8	30548.7	28470.0	26391.4	24312.8	22234.2	19219.3	16204.5
0.0	0.0	50°	37094.6	34543.4	31992.1	30079.1	28164.5	26251.4	24336.9	21317.5	18296.7
0.0	0.0	52.5°	37421.2	34818.8	32216.4	30291.3	28366.2	26442.6	24517.5	21517.7	18517.9
0.0	0.0	55°	38092.5	35300.4	32506.9	30312.4	28117.8	25923.3	23728.8	20680.9	17632.9
0.0	0.0	57.5°	38970.0	36107.2	33244.4	30744.3	28244.3	25745.7	23245.6	19913.2	16580.8
0.0	0.0	60°	38739.7	36248.7	33756.2	31078.5	28399.3	25721.6	23042.4	19377.4	15710.8
0.0	0.0	62.5°	34742.0	32758.2	30772.9	28570.9	26367.3	24165.3	21963.2	18189.8	14416.4
0.0	0.0	65°	28581.4	27133.5	25685.5	23913.9	22140.9	20369.3	18597.7	15214.1	11832.0
0.0	0.0	67.5°	23164.4	21532.8	19899.7	18487.8	17074.5	15662.7	14249.3	11586.7	8924.1
		70°	18403.6	16629.0	14852.9	13474.2	12093.9	10715.2	9336.5	7566.4	5797.9
		72.5°	14615.1	13015.1	11415.1	9944.6	8472.5	7002.0	5529.9	4483.9	3437.8
		75°	6985.4	6345.7	5706.0	4936.9	4167.8	3398.6	2629.5	2173.4	1718.9
		77.5°	2588.9	2244.2	1898.0	1584.9	1271.9	960.3	647.2	593.0	538.8
		80°	669.8	584.0	496.7	435.0	371.8	310.1	248.4	224.3	201.7
		82.5°	76.8	70.7	66.2	63.2	58.7	55.7	51.2	46.7	42.1
		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: P1048971

CATALOG NUMBER: GALN-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048971

CATALOG NUMBER: GALN-SA4C-730-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	87.3	87.3
0.0	0.0	2.5°	81.3	79.8
0.0	0.0	5°	85.8	84.3
0.0	0.0	7.5°	94.8	91.8
0.0	0.0	10°	103.9	100.8
0.0	0.0	12.5°	117.4	112.9
0.0	0.0	15°	132.5	123.4
0.0	0.0	17.5°	158.0	138.5
0.0	0.0	20°	213.7	164.1
0.0	0.0	22.5°	301.0	204.7
0.0	0.0	25°	442.5	283.0
0.0	0.0	27.5°	615.6	376.3
0.0	0.0	30°	818.8	471.1
0.0	0.0	32.5°	997.9	561.4
0.0	0.0	35°	1231.2	653.2
0.0	0.0	37.5°	1518.7	770.6
0.0	0.0	40°	1964.2	948.2
0.0	0.0	42.5°	2766.5	1276.4
0.0	0.0	45°	4492.9	2206.6
0.0	0.0	47.5°	6913.2	3650.0
0.0	0.0	50°	8457.5	4658.5
0.0	0.0	52.5°	8583.9	4650.9
0.0	0.0	55°	7835.8	4134.7
0.0	0.0	57.5°	6685.9	3455.8
0.0	0.0	60°	5557.0	2733.4
0.0	0.0	62.5°	4378.5	1887.5
0.0	0.0	65°	3200.0	1335.1
0.0	0.0	67.5°	2298.4	997.9
		70°	1511.2	764.6
		72.5°	984.4	623.1
		75°	662.3	516.3
		77.5°	386.8	343.2
		80°	137.0	120.4
		82.5°	25.6	18.1
		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: P1048971

CATALOG NUMBER: GALN-SA4C-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

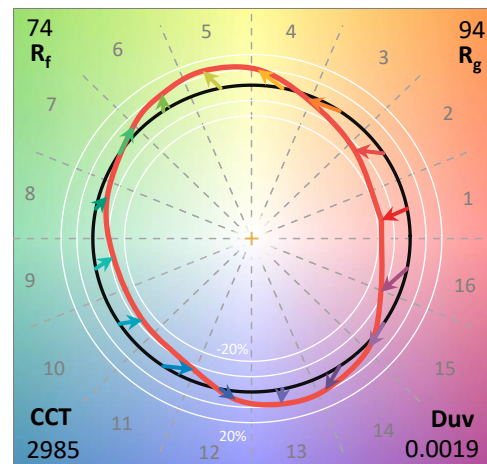
Test Information

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

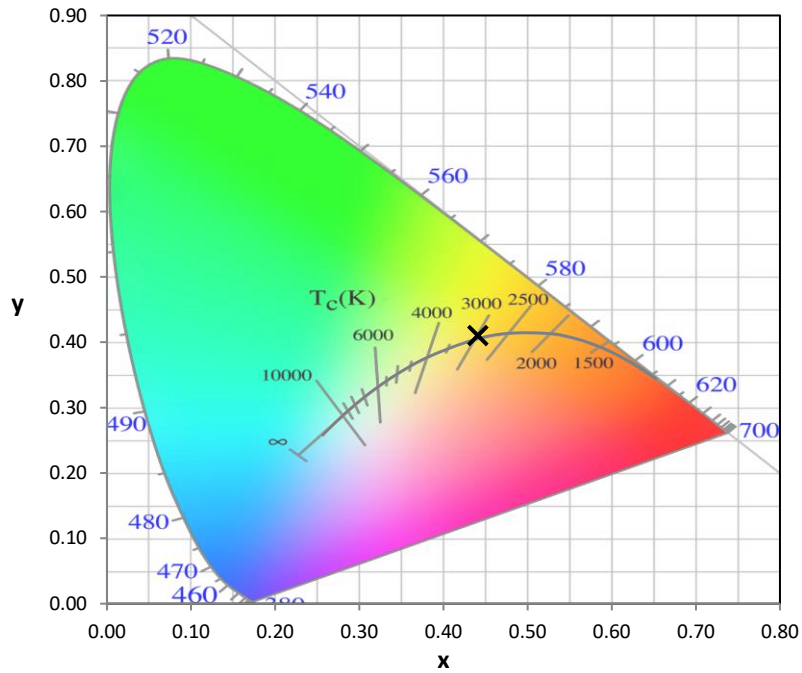
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

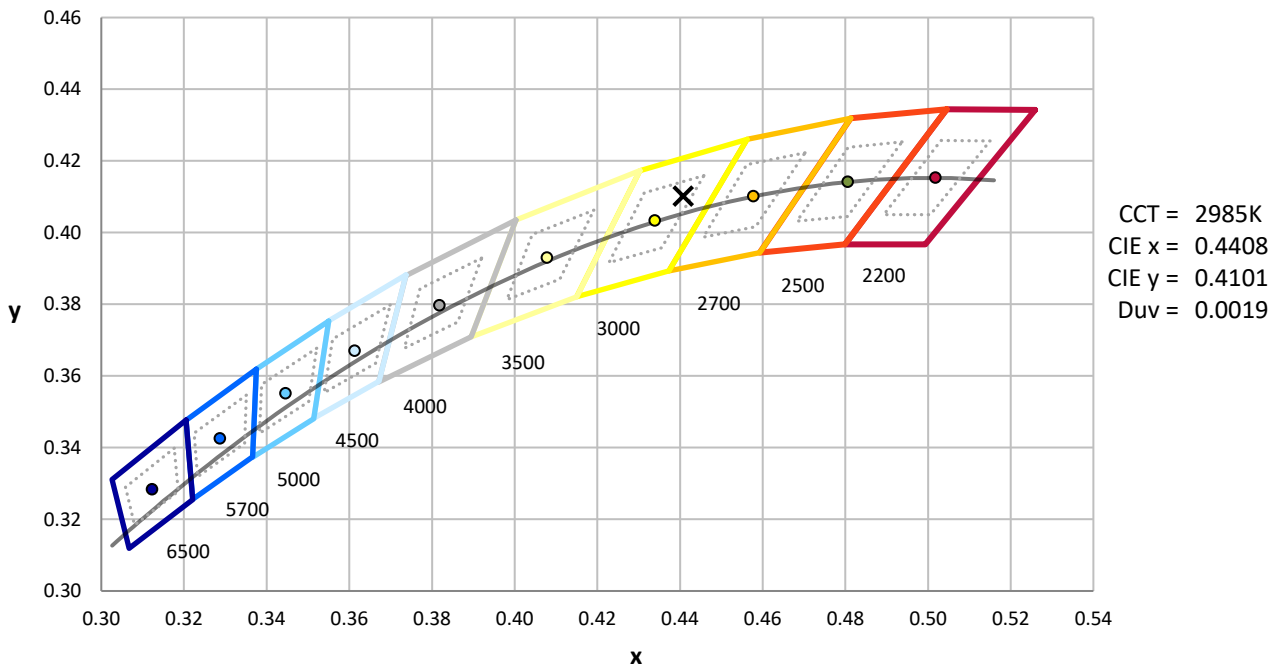
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



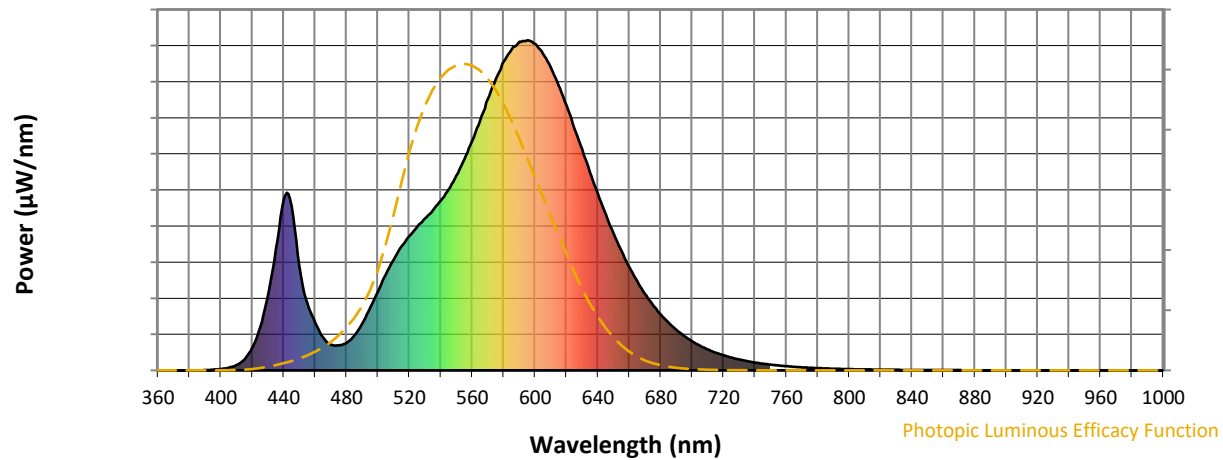
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

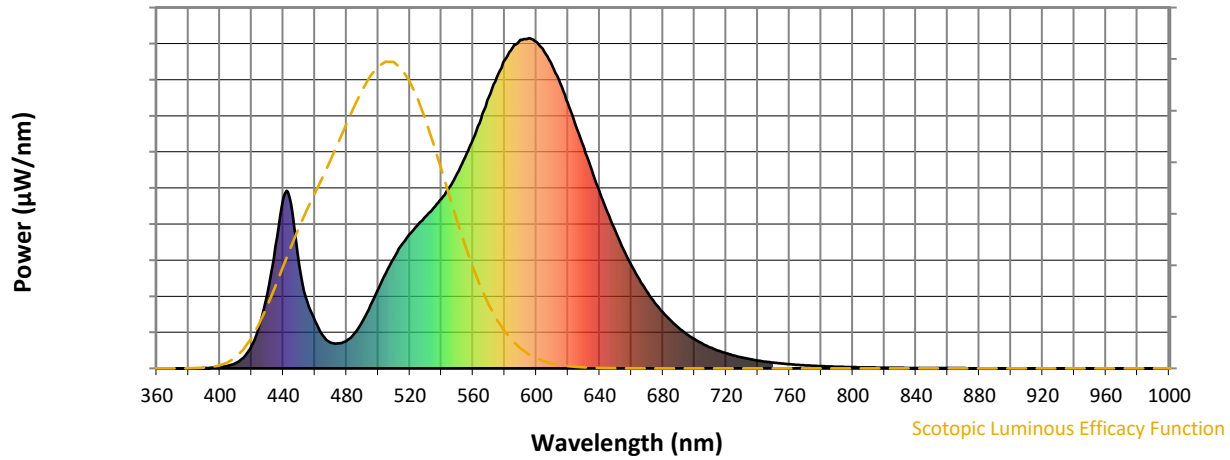


Photopic Lumens: NR

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



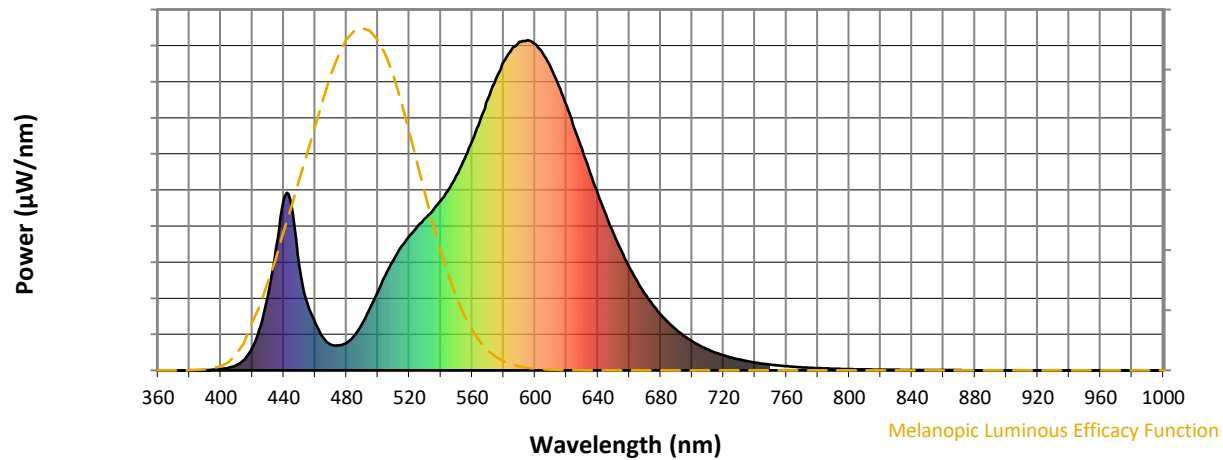
Scotopic Lumens: NR

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

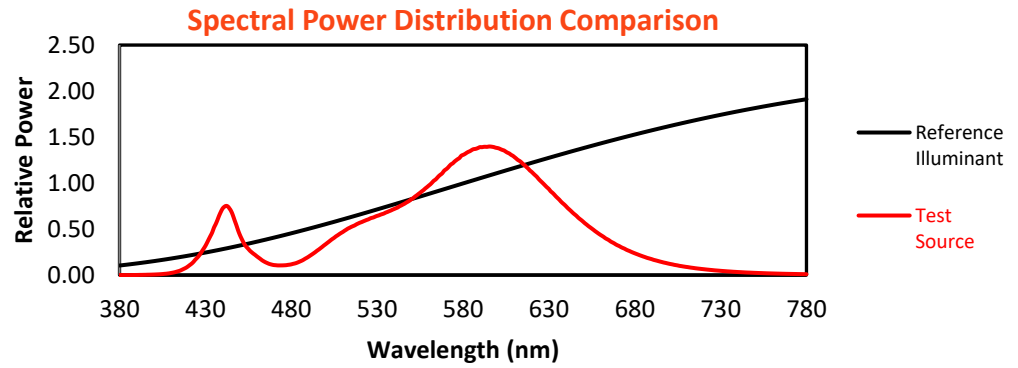
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	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

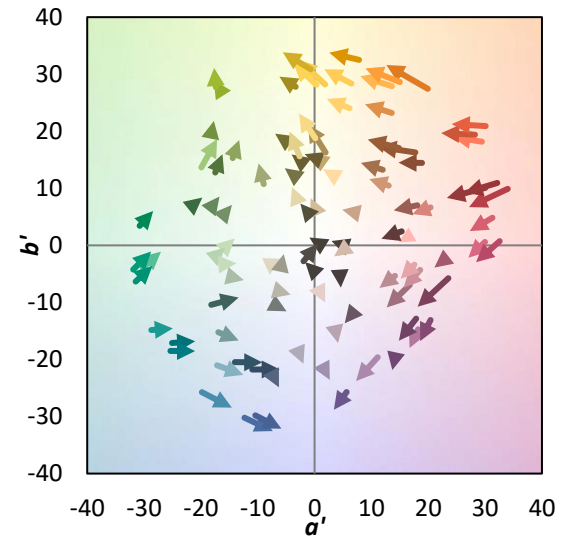
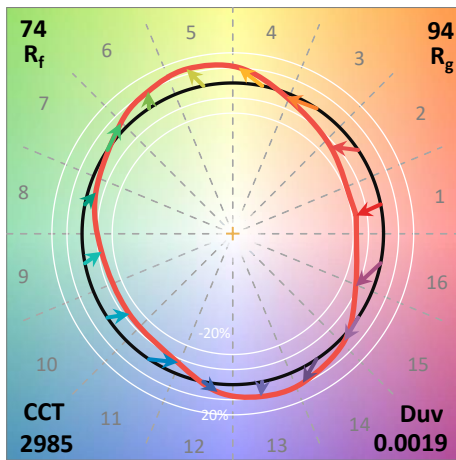
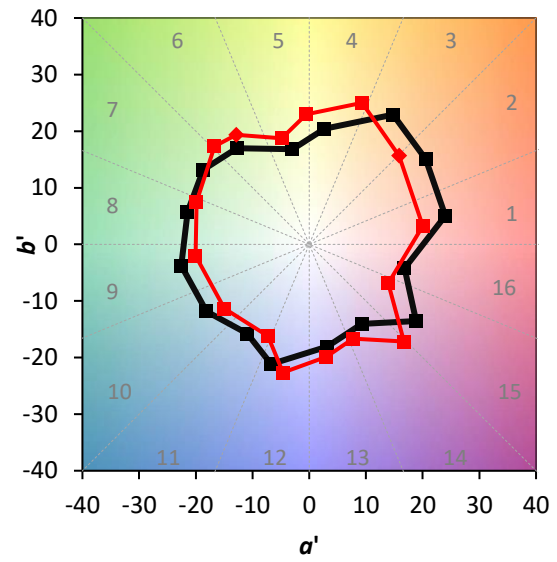
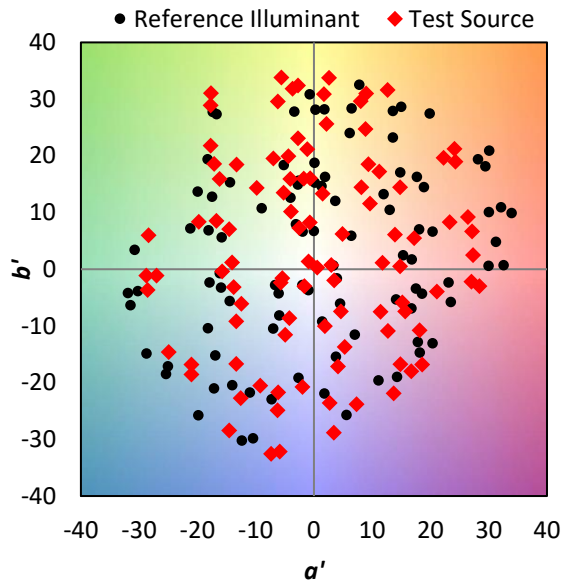
TM-30-18

Summary

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

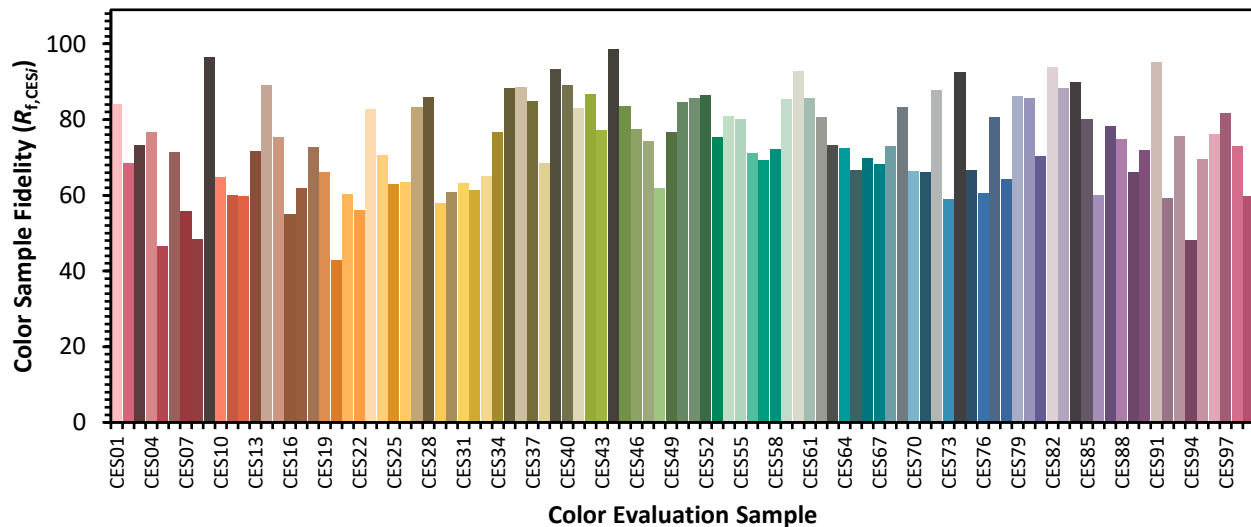


Color Vector Graphics

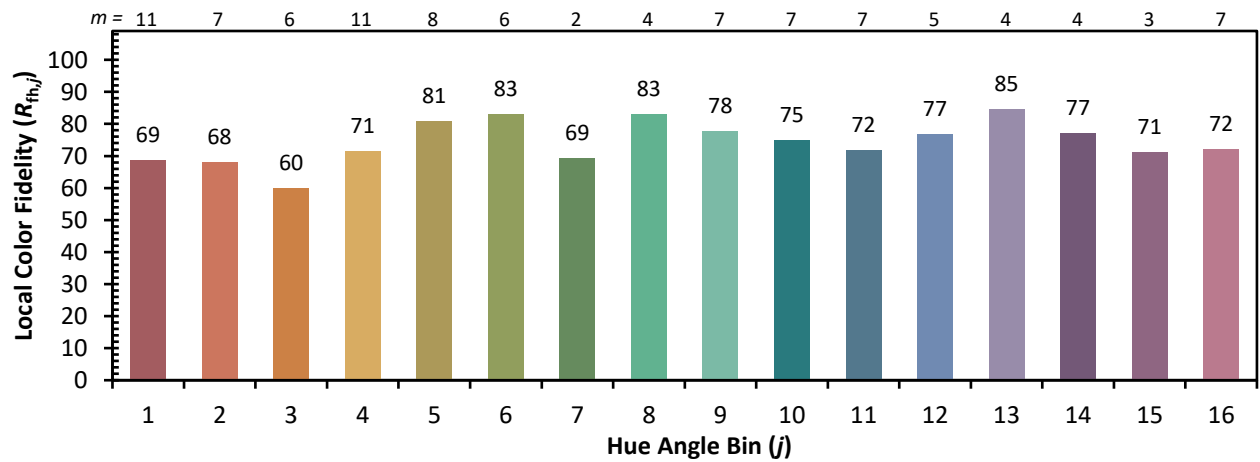
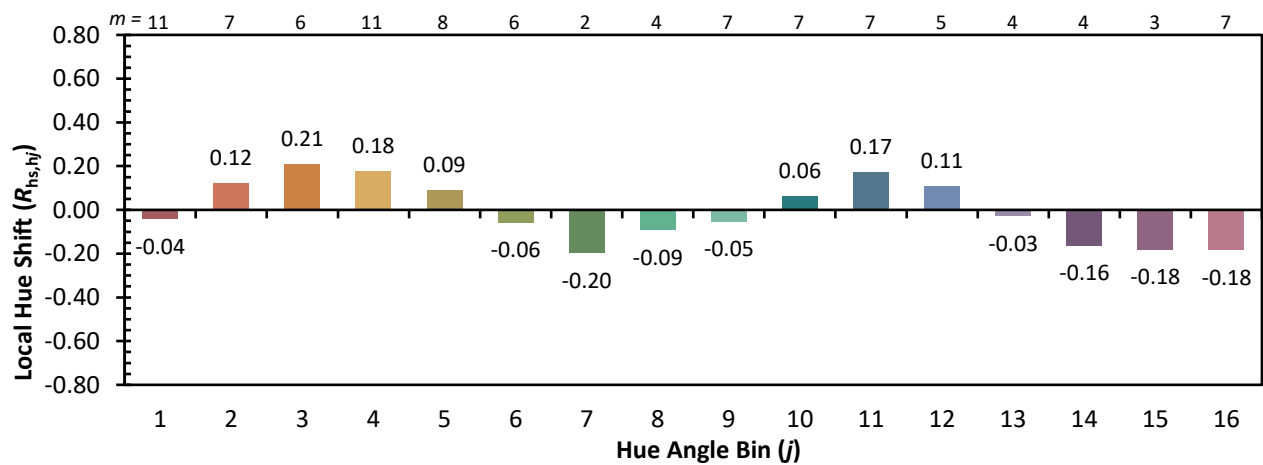
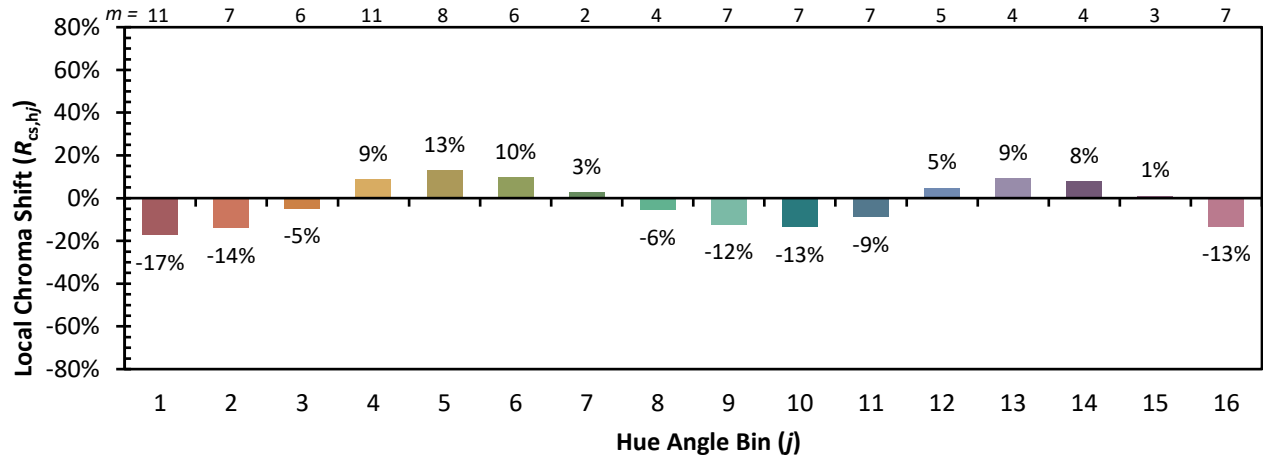


Individual Sample Fidelity Index ($R_{f,i}$)

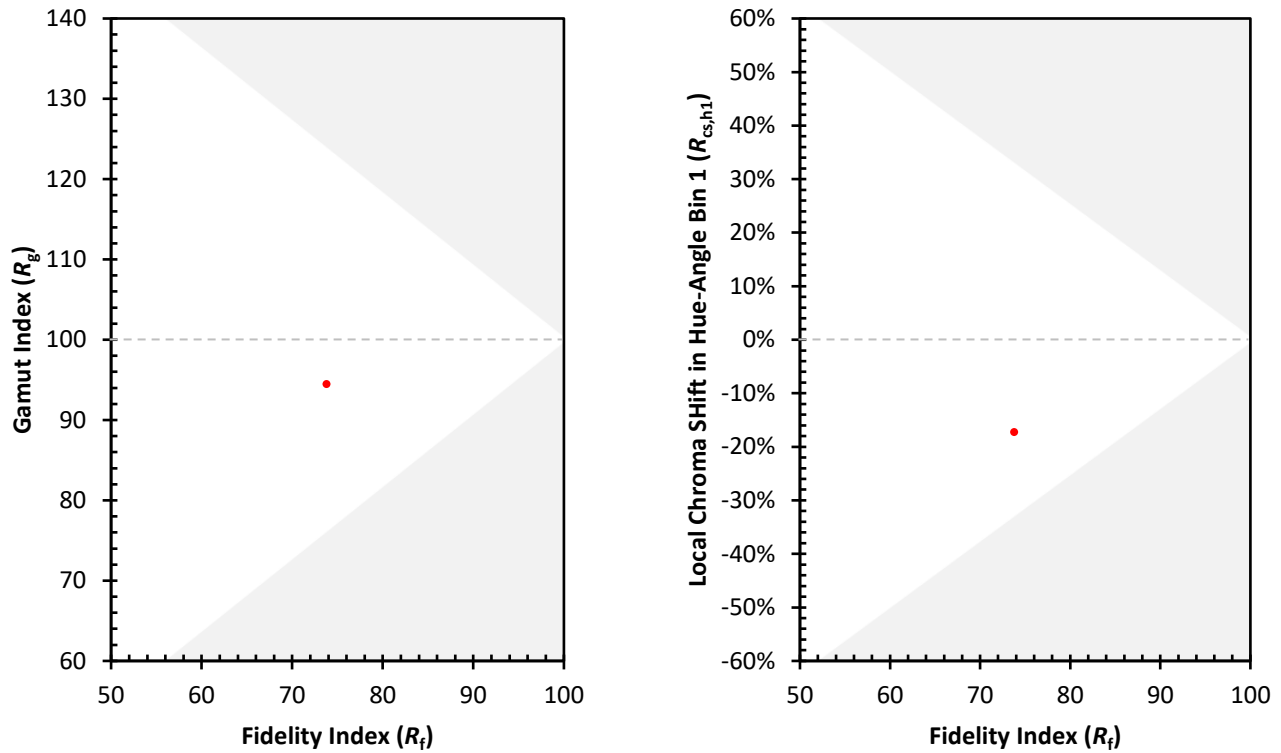
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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)