

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: P1048875

Luminaire Tested: **GALN-SA7C-740-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1048875
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7C-740-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE
70CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (98) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35255.7 lumens
Efficiency: N/A
Efficacy: 106.8 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

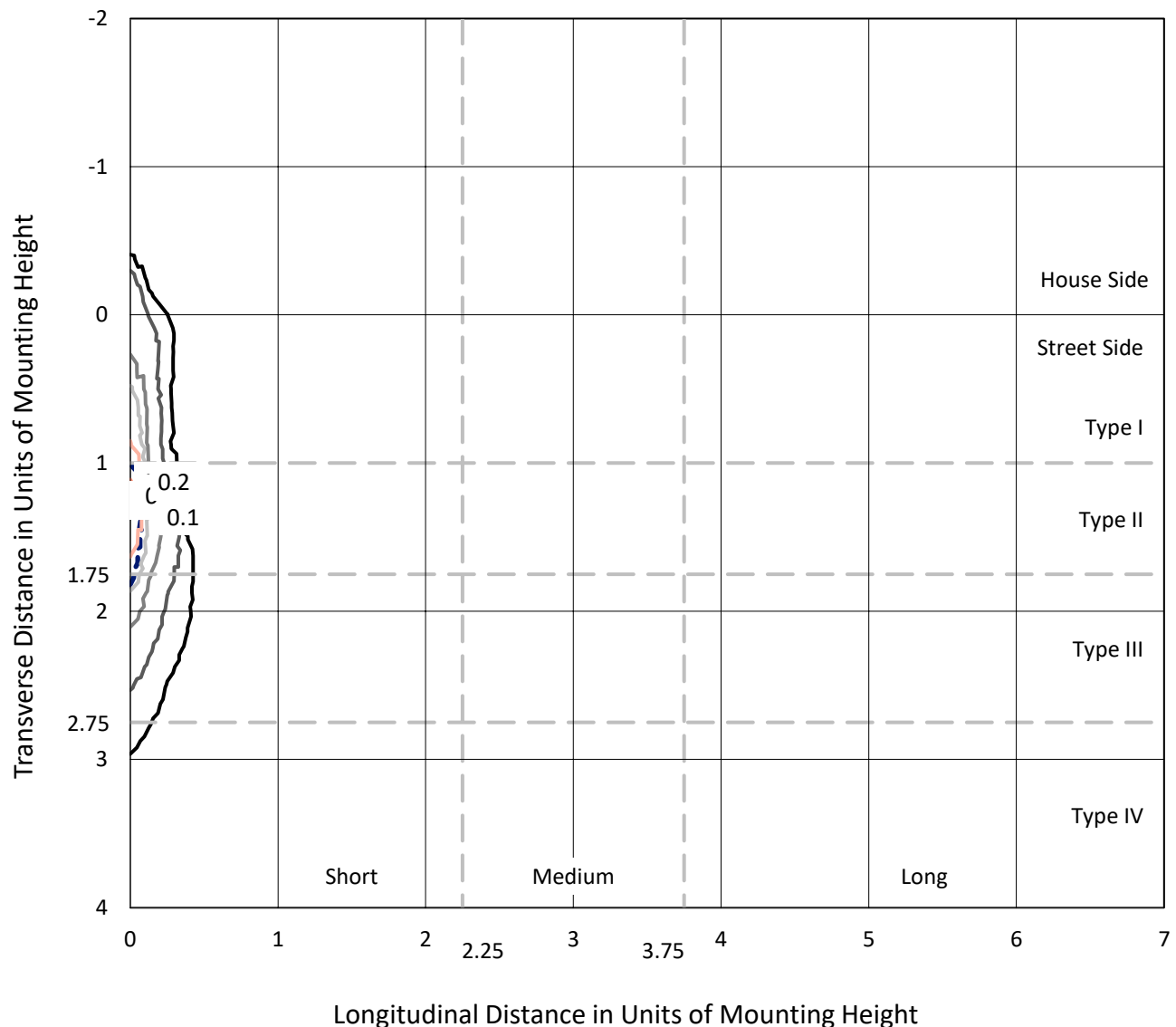
Input Watts (W): 330
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

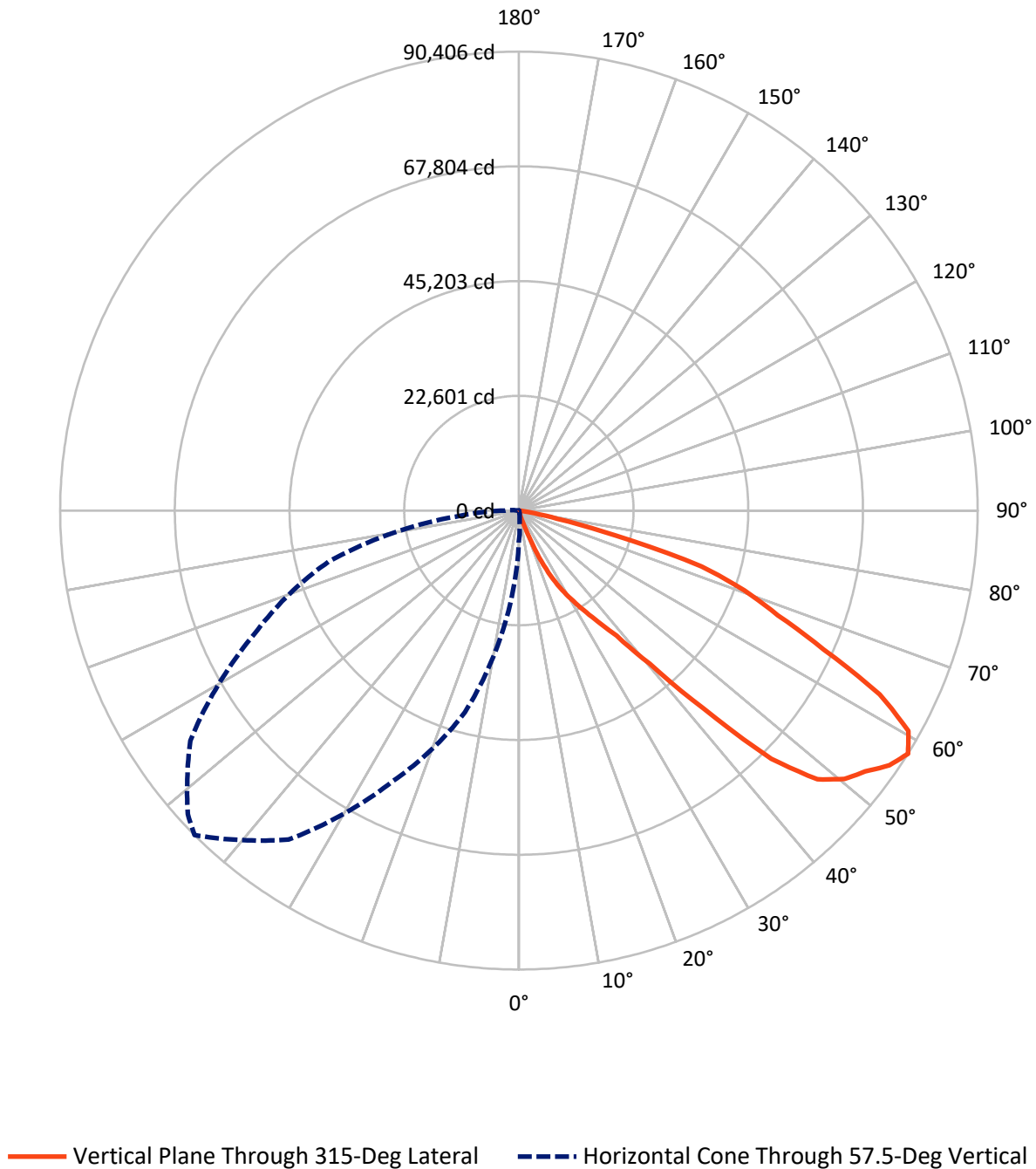
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5.2 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	176.5	0.0	176.5
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	35079.1	0.0	35079.1
	% Fixture	99.5	0.0	99.5
Total	Lumens	35255.7	0.0	35255.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.8	0.0
10°-20°	77.5	0.2
20°-30°	835.5	2.4
30°-40°	2470.7	7.0
40°-50°	7363.5	20.9
50°-60°	11675.8	33.1
60°-70°	9746.5	27.6
70°-80°	3005.5	8.5
80°-90°	66.8	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°	35255.7	100.0
0°-180°	35255.7	100.0



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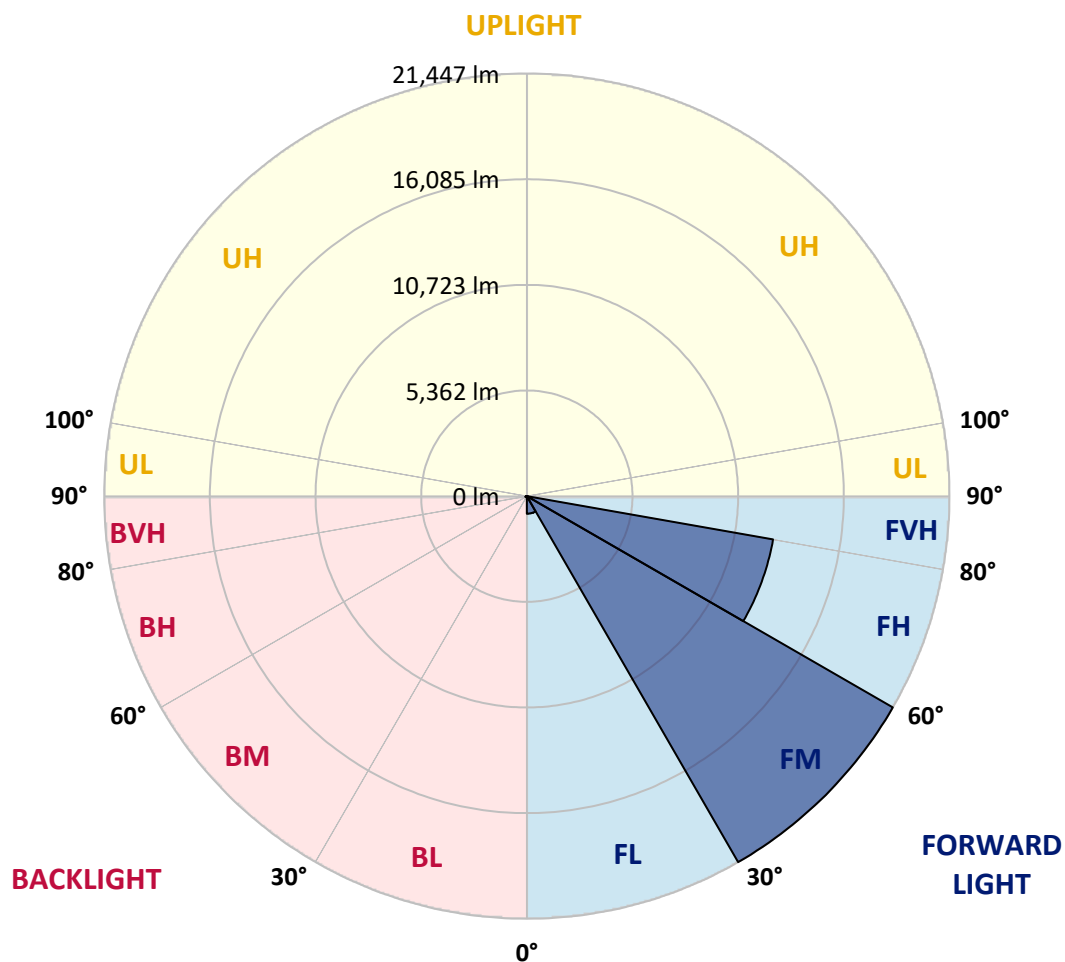
CATALOG NUMBER: GALN-SA7C-740-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	894.4	2.5			
FM	(30°-60°)	21447.0	60.8			
FH	(60°-80°)	12686.1	36.0			G5
FVH	(80°-90°)	51.7	0.1			G1/100
BL	(0°-30°)	32.4	0.1	B0/110		
BM	(30°-60°)	63.1	0.2	B0/220		
BH	(60°-80°)	65.9	0.2	B0/110		G0/110
BVH	(80°-90°)	15.2	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G5

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5
2.5°	141.2	141.2	141.2	141.2	138.5	138.5	135.9	135.9	133.2	133.2
5°	149.2	149.2	146.5	143.9	143.9	141.2	138.5	135.9	135.9	133.2
7.5°	162.5	159.9	157.2	154.5	149.2	146.5	141.2	138.5	135.9	130.5
10°	178.5	173.2	167.8	162.5	157.2	151.9	146.5	143.9	138.5	135.9
12.5°	199.8	191.8	181.2	173.2	167.8	159.9	154.5	149.2	141.2	135.9
15°	218.5	207.8	194.5	183.8	175.8	165.2	157.2	149.2	143.9	135.9
17.5°	245.1	226.5	205.1	191.8	181.2	167.8	154.5	146.5	138.5	127.9
20°	290.4	253.1	213.1	197.2	181.2	165.2	149.2	138.5	130.5	119.9
22.5°	362.3	298.4	234.5	210.5	189.2	165.2	143.9	133.2	122.6	111.9
25°	500.9	386.3	271.8	239.8	207.8	175.8	143.9	130.5	119.9	106.6
27.5°	666.1	495.5	322.4	277.1	234.5	189.2	143.9	127.9	114.6	98.6
30°	833.9	607.4	378.3	319.7	261.1	202.5	143.9	125.2	109.2	90.6
32.5°	993.8	711.4	426.3	357.0	287.7	215.8	146.5	125.2	103.9	82.6
35°	1156.3	796.6	434.3	362.3	290.4	215.8	143.9	119.9	98.6	74.6
37.5°	1364.1	892.5	418.3	346.4	277.1	205.1	135.9	114.6	93.2	69.3
40°	1678.5	1052.4	426.3	351.7	277.1	202.5	127.9	106.6	87.9	66.6
42.5°	2259.3	1361.4	460.9	375.7	290.4	202.5	117.2	98.6	82.6	63.9
45°	3905.8	2261.9	618.1	490.2	362.3	234.5	106.6	90.6	77.3	61.3
47.5°	6460.8	3785.9	1111.0	857.9	607.4	354.3	103.9	90.6	77.3	61.3
50°	8245.8	4822.3	1398.7	1076.4	754.0	431.6	109.2	93.2	79.9	63.9
52.5°	8232.5	4896.9	1558.6	1196.2	836.6	474.2	114.6	98.6	85.3	69.3
55°	7318.7	4454.6	1587.9	1220.2	855.2	487.6	122.6	106.6	90.6	74.6
57.5°	6117.1	3783.2	1449.3	1121.6	796.6	468.9	141.2	122.6	106.6	87.9
60°	4838.3	2983.9	1129.6	892.5	658.1	420.9	186.5	162.5	141.2	117.2
62.5°	3341.0	2163.4	985.8	791.3	599.5	405.0	213.1	189.2	167.8	143.9
65°	2363.2	1627.9	889.9	724.7	562.2	397.0	231.8	205.1	181.2	154.5
67.5°	1766.4	1294.8	820.6	679.4	538.2	397.0	255.8	223.8	194.5	162.5
70°	1353.4	1063.0	770.0	655.4	543.5	428.9	314.4	269.1	226.5	181.2
72.5°	1103.0	908.5	711.4	628.8	546.2	463.6	381.0	322.4	263.8	202.5
75°	913.8	778.0	642.1	572.8	506.2	436.9	367.7	314.4	263.8	210.5
77.5°	607.4	554.2	498.2	458.2	418.3	375.7	335.7	290.4	247.8	202.5
80°	213.1	205.1	197.2	213.1	229.1	245.1	261.1	229.1	199.8	167.8
82.5°	32.0	29.3	26.6	29.3	32.0	34.6	37.3	40.0	42.6	45.3
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[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°	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5
0.0	2.5°	130.5	130.5	127.9	127.9	127.9	125.2	125.2	122.6	122.6	122.6
0.0	5°	127.9	127.9	125.2	122.6	119.9	119.9	117.2	114.6	114.6	111.9
0.0	7.5°	125.2	122.6	119.9	117.2	114.6	111.9	109.2	106.6	106.6	103.9
0.0	10°	127.9	122.6	119.9	114.6	111.9	109.2	103.9	101.2	98.6	98.6
0.0	12.5°	122.6	119.9	114.6	109.2	106.6	101.2	98.6	93.2	90.6	90.6
0.0	15°	122.6	117.2	109.2	103.9	98.6	95.9	90.6	85.3	82.6	79.9
0.0	17.5°	114.6	109.2	101.2	95.9	90.6	85.3	79.9	74.6	71.9	69.3
0.0	20°	103.9	98.6	90.6	82.6	77.3	71.9	66.6	61.3	58.6	55.9
0.0	22.5°	93.2	87.9	79.9	71.9	66.6	61.3	53.3	48.0	45.3	40.0
0.0	25°	87.9	79.9	71.9	63.9	55.9	50.6	42.6	34.6	29.3	24.0
0.0	27.5°	74.6	66.6	58.6	50.6	42.6	34.6	26.6	18.6	13.3	10.7
0.0	30°	63.9	55.9	48.0	40.0	29.3	21.3	13.3	2.7	2.7	2.7
0.0	32.5°	53.3	45.3	34.6	26.6	21.3	13.3	8.0	0.0	0.0	0.0
0.0	35°	42.6	34.6	24.0	16.0	13.3	8.0	5.3	0.0	0.0	0.0
0.0	37.5°	37.3	29.3	18.6	8.0	5.3	5.3	2.7	0.0	0.0	0.0
0.0	40°	34.6	24.0	13.3	2.7	2.7	2.7	0.0	0.0	0.0	0.0
0.0	42.5°	34.6	24.0	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	34.6	24.0	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	34.6	24.0	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	37.3	26.6	13.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	42.6	32.0	21.3	10.7	8.0	5.3	2.7	0.0	0.0	0.0
0.0	55°	53.3	48.0	40.0	34.6	26.6	18.6	8.0	0.0	0.0	0.0
0.0	57.5°	69.3	69.3	66.6	63.9	48.0	32.0	16.0	0.0	0.0	0.0
0.0	60°	93.2	93.2	93.2	93.2	69.3	48.0	24.0	0.0	0.0	0.0
0.0	62.5°	114.6	109.2	101.2	95.9	71.9	48.0	24.0	0.0	0.0	0.0
0.0	65°	114.6	103.9	90.6	77.3	58.6	40.0	18.6	0.0	0.0	0.0
0.0	67.5°	106.6	85.3	61.3	40.0	29.3	21.3	10.7	0.0	0.0	0.0
	70°	106.6	74.6	42.6	10.7	8.0	5.3	2.7	0.0	0.0	0.0
	72.5°	106.6	71.9	34.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	117.2	79.9	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	117.2	79.9	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	103.9	69.3	34.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	34.6	24.0	10.7	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°	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5
0.0	2.5°	119.9	119.9	119.9	117.2	117.2	117.2	117.2	114.6	114.6	114.6
0.0	5°	109.2	109.2	106.6	106.6	103.9	103.9	101.2	101.2	98.6	98.6
0.0	7.5°	101.2	98.6	98.6	95.9	93.2	93.2	90.6	90.6	87.9	85.3
0.0	10°	93.2	90.6	90.6	87.9	85.3	82.6	82.6	79.9	77.3	74.6
0.0	12.5°	85.3	82.6	79.9	77.3	74.6	71.9	71.9	69.3	66.6	63.9
0.0	15°	74.6	71.9	69.3	66.6	63.9	61.3	61.3	58.6	55.9	53.3
0.0	17.5°	63.9	61.3	61.3	58.6	55.9	53.3	50.6	45.3	42.6	40.0
0.0	20°	48.0	45.3	42.6	40.0	37.3	32.0	29.3	24.0	18.6	16.0
0.0	22.5°	32.0	26.6	24.0	18.6	13.3	10.7	8.0	2.7	0.0	0.0
0.0	25°	10.7	8.0	5.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA7C-740-U-RBC

[illegible]

REPORT NUMBER: P1048875

CATALOG NUMBER: GALN-SA7C-740-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5
0.0	2.5°	111.9	111.9	111.9	109.2	109.2	109.2	109.2	109.2	109.2	109.2
0.0	5°	95.9	95.9	95.9	93.2	93.2	90.6	90.6	90.6	87.9	87.9
0.0	7.5°	82.6	79.9	79.9	77.3	77.3	74.6	74.6	74.6	71.9	71.9
0.0	10°	69.3	66.6	66.6	63.9	63.9	61.3	61.3	58.6	58.6	55.9
0.0	12.5°	61.3	58.6	55.9	53.3	53.3	50.6	48.0	48.0	45.3	42.6
0.0	15°	48.0	45.3	42.6	40.0	37.3	34.6	32.0	32.0	29.3	26.6
0.0	17.5°	32.0	26.6	24.0	21.3	21.3	18.6	16.0	13.3	10.7	8.0
0.0	20°	8.0	5.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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: P1048875

CATALOG NUMBER: GALN-SA7C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048875

CATALOG NUMBER: GALN-SA7C-740-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°	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5
0.0	2.5°	109.2	106.6	106.6	106.6	109.2	109.2	109.2	109.2	109.2	109.2
0.0	5°	87.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
0.0	7.5°	71.9	69.3	69.3	69.3	69.3	66.6	66.6	66.6	66.6	66.6
0.0	10°	55.9	53.3	53.3	53.3	53.3	50.6	50.6	50.6	50.6	50.6
0.0	12.5°	40.0	40.0	37.3	37.3	37.3	34.6	34.6	34.6	34.6	32.0
0.0	15°	24.0	21.3	18.6	18.6	18.6	16.0	16.0	16.0	16.0	13.3
0.0	17.5°	5.3	5.3	2.7	2.7	2.7	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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: P1048875

CATALOG NUMBER: GALN-SA7C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1048875

CATALOG NUMBER: GALN-SA7C-740-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5
0.0	2.5°	111.9	111.9	114.6	114.6	117.2	122.6	125.2	127.9	133.2	138.5
0.0	5°	87.9	90.6	90.6	93.2	95.9	98.6	101.2	103.9	109.2	114.6
0.0	7.5°	69.3	69.3	71.9	71.9	74.6	79.9	82.6	85.3	90.6	98.6
0.0	10°	53.3	53.3	55.9	55.9	58.6	63.9	66.6	69.3	74.6	82.6
0.0	12.5°	34.6	37.3	37.3	40.0	42.6	48.0	50.6	53.3	58.6	63.9
0.0	15°	16.0	18.6	18.6	21.3	24.0	29.3	32.0	34.6	40.0	48.0
0.0	17.5°	2.7	2.7	5.3	5.3	8.0	10.7	13.3	16.0	24.0	29.3
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	10.7
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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: P1048875

CATALOG NUMBER: GALN-SA7C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048875

CATALOG NUMBER: GALN-SA7C-740-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°	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5
0.0	2.5°	146.5	151.9	157.2	162.5	167.8	173.2	175.8	181.2	183.8	186.5
0.0	5°	125.2	130.5	138.5	143.9	149.2	154.5	159.9	162.5	165.2	167.8
0.0	7.5°	109.2	114.6	122.6	127.9	133.2	138.5	143.9	149.2	151.9	154.5
0.0	10°	93.2	101.2	106.6	114.6	119.9	125.2	130.5	135.9	141.2	143.9
0.0	12.5°	74.6	82.6	90.6	95.9	103.9	111.9	117.2	122.6	127.9	133.2
0.0	15°	58.6	66.6	74.6	79.9	87.9	95.9	103.9	109.2	114.6	119.9
0.0	17.5°	42.6	50.6	58.6	63.9	71.9	79.9	85.3	93.2	98.6	103.9
0.0	20°	21.3	29.3	37.3	45.3	53.3	61.3	66.6	74.6	79.9	85.3
0.0	22.5°	2.7	10.7	18.6	24.0	32.0	40.0	45.3	53.3	58.6	63.9
0.0	25°	0.0	2.7	8.0	10.7	13.3	18.6	24.0	29.3	34.6	40.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.7	5.3	10.7	16.0	21.3
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	2.7	5.3
	85°	0.0	0.0	0.0	0.0	0.0	5.3	8.0	13.3	16.0	18.6
	87.5°	0.0	2.7	5.3	8.0	10.7	16.0	21.3	26.6	29.3	32.0
	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: P1048875

CATALOG NUMBER: GALN-SA7C-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
154.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
186.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
2.7											
10.7											
24.0											
34.6											
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REPORT NUMBER: P1048875

CATALOG NUMBER: GALN-SA7C-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5
0.0	2.5°	189.2	189.2	189.2	189.2	186.5	186.5	186.5	183.8	183.8	181.2
0.0	5°	173.2	175.8	175.8	175.8	175.8	175.8	175.8	175.8	173.2	173.2
0.0	7.5°	159.9	162.5	165.2	165.2	167.8	167.8	167.8	165.2	165.2	162.5
0.0	10°	151.9	154.5	154.5	157.2	157.2	157.2	157.2	157.2	157.2	157.2
0.0	12.5°	141.2	143.9	146.5	146.5	149.2	149.2	149.2	149.2	146.5	146.5
0.0	15°	127.9	133.2	135.9	138.5	138.5	141.2	141.2	141.2	141.2	141.2
0.0	17.5°	117.2	122.6	125.2	127.9	127.9	130.5	130.5	133.2	133.2	133.2
0.0	20°	95.9	101.2	103.9	109.2	111.9	114.6	117.2	119.9	119.9	122.6
0.0	22.5°	74.6	79.9	82.6	87.9	90.6	93.2	95.9	98.6	101.2	103.9
0.0	25°	53.3	58.6	61.3	66.6	69.3	71.9	74.6	77.3	77.3	79.9
0.0	27.5°	29.3	34.6	40.0	42.6	48.0	50.6	53.3	55.9	58.6	61.3
0.0	30°	13.3	16.0	18.6	24.0	26.6	29.3	32.0	37.3	40.0	42.6
0.0	32.5°	0.0	0.0	2.7	8.0	10.7	13.3	16.0	18.6	18.6	21.3
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.7	5.3	8.0	10.7
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	5.3	5.3	5.3	8.0	8.0	8.0	8.0	8.0	8.0	8.0
	82.5°	13.3	16.0	18.6	18.6	21.3	21.3	21.3	21.3	18.6	18.6
	85°	26.6	29.3	32.0	32.0	34.6	34.6	34.6	34.6	34.6	34.6
	87.5°	37.3	40.0	42.6	42.6	45.3	45.3	45.3	45.3	45.3	45.3
	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: P1048875

CATALOG NUMBER: GALN-SA7C-740-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
154.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
181.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
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0.0											
8.0											
18.6											
34.6											
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REPORT NUMBER: P1048875

CATALOG NUMBER: GALN-SA7C-740-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°	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5
0.0	2.5°	178.5	178.5	175.8	175.8	175.8	175.8	175.8	178.5	181.2	181.2
0.0	5°	170.5	170.5	167.8	167.8	167.8	170.5	170.5	173.2	175.8	178.5
0.0	7.5°	162.5	159.9	159.9	162.5	162.5	165.2	165.2	167.8	170.5	173.2
0.0	10°	157.2	154.5	154.5	154.5	157.2	157.2	159.9	162.5	165.2	167.8
0.0	12.5°	146.5	146.5	146.5	146.5	149.2	149.2	151.9	154.5	159.9	162.5
0.0	15°	141.2	138.5	138.5	138.5	138.5	141.2	141.2	146.5	151.9	154.5
0.0	17.5°	130.5	130.5	127.9	127.9	130.5	130.5	133.2	138.5	143.9	146.5
0.0	20°	119.9	117.2	114.6	114.6	117.2	117.2	119.9	125.2	130.5	133.2
0.0	22.5°	103.9	101.2	101.2	101.2	101.2	103.9	103.9	109.2	117.2	122.6
0.0	25°	82.6	85.3	85.3	87.9	87.9	90.6	93.2	98.6	106.6	111.9
0.0	27.5°	63.9	66.6	66.6	71.9	74.6	77.3	79.9	87.9	95.9	101.2
0.0	30°	48.0	50.6	53.3	55.9	61.3	66.6	71.9	79.9	87.9	93.2
0.0	32.5°	29.3	34.6	37.3	42.6	48.0	53.3	58.6	66.6	77.3	85.3
0.0	35°	21.3	24.0	29.3	32.0	37.3	42.6	48.0	58.6	66.6	77.3
0.0	37.5°	10.7	16.0	21.3	26.6	32.0	37.3	42.6	53.3	63.9	71.9
0.0	40°	8.0	13.3	16.0	21.3	29.3	34.6	40.0	50.6	61.3	71.9
0.0	42.5°	5.3	8.0	10.7	18.6	24.0	32.0	40.0	50.6	61.3	71.9
0.0	45°	5.3	5.3	8.0	16.0	24.0	34.6	42.6	53.3	61.3	71.9
0.0	47.5°	5.3	8.0	10.7	21.3	26.6	34.6	42.6	50.6	61.3	69.3
0.0	50°	8.0	10.7	13.3	24.0	29.3	37.3	42.6	53.3	61.3	71.9
0.0	52.5°	5.3	8.0	10.7	21.3	29.3	40.0	48.0	58.6	69.3	77.3
0.0	55°	2.7	2.7	2.7	16.0	32.0	45.3	61.3	69.3	79.9	87.9
0.0	57.5°	0.0	0.0	0.0	10.7	32.0	50.6	69.3	79.9	90.6	98.6
0.0	60°	0.0	0.0	0.0	10.7	32.0	50.6	69.3	82.6	95.9	109.2
0.0	62.5°	0.0	0.0	0.0	10.7	26.6	42.6	58.6	79.9	103.9	125.2
0.0	65°	0.0	0.0	0.0	8.0	21.3	34.6	48.0	79.9	111.9	141.2
0.0	67.5°	0.0	0.0	0.0	8.0	21.3	32.0	45.3	79.9	111.9	146.5
	70°	0.0	0.0	0.0	8.0	21.3	34.6	48.0	79.9	111.9	143.9
	72.5°	0.0	0.0	0.0	8.0	24.0	37.3	53.3	79.9	106.6	133.2
	75°	0.0	0.0	0.0	10.7	24.0	40.0	55.9	79.9	103.9	125.2
	77.5°	0.0	0.0	0.0	8.0	24.0	37.3	53.3	77.3	101.2	122.6
	80°	8.0	5.3	5.3	13.3	24.0	34.6	45.3	69.3	95.9	119.9
	82.5°	16.0	16.0	13.3	18.6	24.0	32.0	40.0	61.3	85.3	106.6
	85°	32.0	32.0	29.3	32.0	32.0	34.6	37.3	48.0	58.6	69.3
	87.5°	42.6	42.6	40.0	40.0	40.0	37.3	37.3	37.3	37.3	34.6
	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

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
154.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
181.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.8											
159.9											
149.2											
146.5											
143.9											
127.9											
79.9											
34.6											
0.0											
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REPORT NUMBER: P1048875

CATALOG NUMBER: GALN-SA7C-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5
0.0	2.5°	186.5	189.2	189.2	191.8	194.5	197.2	197.2	199.8	199.8	199.8
0.0	5°	183.8	189.2	191.8	194.5	197.2	199.8	202.5	205.1	207.8	207.8
0.0	7.5°	181.2	183.8	189.2	191.8	197.2	199.8	205.1	207.8	210.5	213.1
0.0	10°	175.8	181.2	186.5	191.8	197.2	202.5	207.8	213.1	218.5	221.1
0.0	12.5°	170.5	178.5	183.8	189.2	197.2	205.1	210.5	218.5	223.8	229.1
0.0	15°	167.8	173.2	181.2	186.5	197.2	207.8	215.8	226.5	237.1	245.1
0.0	17.5°	159.9	170.5	178.5	186.5	197.2	210.5	221.1	231.8	247.8	263.8
0.0	20°	149.2	157.2	167.8	175.8	191.8	205.1	221.1	234.5	258.4	282.4
0.0	22.5°	138.5	149.2	157.2	167.8	186.5	202.5	221.1	237.1	277.1	314.4
0.0	25°	127.9	141.2	151.9	162.5	183.8	205.1	226.5	247.8	314.4	381.0
0.0	27.5°	122.6	133.2	146.5	157.2	183.8	213.1	239.8	266.4	373.0	476.9
0.0	30°	114.6	127.9	138.5	151.9	186.5	221.1	255.8	290.4	452.9	615.4
0.0	32.5°	106.6	119.9	133.2	146.5	191.8	237.1	279.7	325.0	538.2	748.7
0.0	35°	98.6	114.6	127.9	141.2	199.8	261.1	319.7	378.3	615.4	849.9
0.0	37.5°	95.9	111.9	125.2	138.5	202.5	263.8	327.7	389.0	623.4	857.9
0.0	40°	98.6	111.9	127.9	141.2	194.5	247.8	298.4	351.7	596.8	839.2
0.0	42.5°	98.6	114.6	130.5	146.5	189.2	231.8	274.4	317.0	588.8	860.5
0.0	45°	95.9	111.9	127.9	143.9	183.8	221.1	261.1	298.4	636.8	972.4
0.0	47.5°	93.2	109.2	125.2	141.2	181.2	221.1	261.1	301.1	823.2	1342.8
0.0	50°	93.2	109.2	122.6	135.9	183.8	234.5	282.4	330.4	1198.9	2064.8
0.0	52.5°	98.6	111.9	122.6	133.2	189.2	247.8	303.7	359.7	1523.9	2685.6
0.0	55°	106.6	114.6	125.2	133.2	202.5	269.1	338.4	405.0	1622.5	2840.1
0.0	57.5°	117.2	125.2	133.2	141.2	226.5	311.7	394.3	479.6	1630.5	2778.8
0.0	60°	130.5	141.2	149.2	157.2	247.8	341.0	431.6	522.2	1476.0	2427.1
0.0	62.5°	159.9	173.2	183.8	197.2	285.1	370.3	458.2	543.5	1225.6	1907.6
0.0	65°	183.8	194.5	205.1	215.8	301.1	389.0	474.2	559.5	1039.1	1518.6
0.0	67.5°	189.2	199.8	207.8	218.5	306.4	394.3	479.6	567.5	889.9	1209.6
	70°	191.8	205.1	221.1	234.5	325.0	415.6	503.5	594.1	788.6	983.1
	72.5°	183.8	210.5	234.5	258.4	343.7	426.3	511.5	594.1	732.7	871.2
	75°	183.8	221.1	255.8	290.4	354.3	415.6	479.6	540.8	647.4	754.0
	77.5°	194.5	242.4	290.4	338.4	375.7	410.3	447.6	482.2	551.5	620.8
	80°	194.5	245.1	293.1	343.7	359.7	378.3	394.3	410.3	418.3	426.3
	82.5°	167.8	207.8	247.8	287.7	269.1	250.4	231.8	213.1	199.8	183.8
	85°	85.3	93.2	98.6	103.9	95.9	87.9	79.9	71.9	66.6	58.6
	87.5°	34.6	34.6	32.0	32.0	32.0	32.0	29.3	29.3	29.3	29.3
	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: P1048875

CATALOG NUMBER: GALN-SA7C-740-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
154.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
199.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
215.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
226.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
237.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
258.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
285.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
327.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
418.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
567.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
788.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1068.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1334.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1516.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1651.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1787.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2054.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2587.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3943.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6039.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7603.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7776.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7017.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5999.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4689.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3543.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2616.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1851.6											
1377.4											
1001.8											
754.0											
423.6											
191.8											
55.9											
26.6											
0.0											
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REPORT NUMBER: P1048875

CATALOG NUMBER: GALN-SA7C-740-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°	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5
0.0	2.5°	199.8	197.2	197.2	194.5	191.8	189.2	186.5	183.8	181.2	178.5
0.0	5°	207.8	207.8	207.8	205.1	205.1	202.5	202.5	199.8	197.2	194.5
0.0	7.5°	215.8	218.5	218.5	221.1	221.1	221.1	221.1	218.5	218.5	218.5
0.0	10°	229.1	231.8	234.5	237.1	239.8	242.4	242.4	245.1	245.1	245.1
0.0	12.5°	245.1	253.1	258.4	266.4	271.8	279.7	285.1	293.1	298.4	303.7
0.0	15°	269.1	282.4	298.4	311.7	325.0	343.7	365.0	383.7	402.3	431.6
0.0	17.5°	303.7	346.4	389.0	428.9	471.6	564.8	658.1	748.7	841.9	977.8
0.0	20°	370.3	498.2	623.4	751.3	876.5	1204.2	1529.3	1857.0	2182.0	2531.0
0.0	22.5°	519.5	833.9	1148.3	1462.7	1777.0	2461.8	3143.8	3828.5	4510.6	5312.5
0.0	25°	754.0	1332.1	1910.3	2485.7	3063.9	4134.9	5208.6	6279.6	7350.6	8392.4
0.0	27.5°	1097.7	1982.2	2866.7	3748.6	4633.1	6085.1	7539.8	8991.8	10443.8	11621.4
0.0	30°	1521.3	2720.2	3919.1	5118.0	6316.9	7968.7	9620.6	11269.7	12921.6	14208.4
0.0	32.5°	1920.9	3388.9	4856.9	6322.2	7790.2	9671.2	11554.8	13435.8	15316.7	16723.4
0.0	35°	2182.0	3956.4	5733.4	7507.8	9282.2	11317.7	13353.2	15386.0	17421.5	19028.0
0.0	37.5°	2443.1	4491.9	6538.0	8586.8	10633.0	12868.3	15103.6	17338.9	19574.2	21559.0
0.0	40°	2736.2	5139.3	7539.8	9942.9	12343.4	14991.7	17637.3	20285.5	22931.1	25731.2
0.0	42.5°	3245.0	6213.0	9183.6	12151.6	15119.6	18623.0	22126.5	25627.3	29130.8	33127.2
0.0	45°	4201.5	8384.4	12569.9	16752.7	20935.6	25576.7	30220.5	34861.6	39502.7	44820.5
0.0	47.5°	6543.4	12298.1	18050.2	23805.0	29557.1	34568.5	39577.3	44588.7	49597.5	54894.0
0.0	50°	10012.2	16710.1	23408.0	30103.2	36801.1	41335.7	45867.5	50402.1	54934.0	59972.0
0.0	52.5°	12521.9	19499.6	26479.9	33457.5	40435.2	44527.4	48622.4	52714.6	56806.9	61514.6
0.0	55°	12711.1	19648.8	26589.1	33526.8	40464.5	44575.4	48686.3	52797.2	56908.2	61898.3
0.0	57.5°	11253.7	18135.5	25014.5	31896.3	38775.3	43456.4	48134.8	52815.9	57494.3	62889.4
0.0	60°	9572.6	16457.0	23338.7	30223.1	37104.9	42497.3	47892.4	53284.8	58677.2	63731.3
0.0	62.5°	7467.9	14549.4	21633.6	28715.2	35796.7	41271.7	46746.7	52219.1	57694.1	61485.3
0.0	65°	5565.6	12442.0	19318.4	26192.1	33068.5	37453.9	41839.2	46221.9	50607.2	52954.4
0.0	67.5°	4023.0	9953.6	15881.5	21812.1	27740.1	30878.5	34017.0	37152.8	40291.3	42087.0
	70°	2720.2	6828.4	10934.0	15042.3	19147.9	21726.9	24308.5	26887.5	29466.5	31890.9
	72.5°	1883.6	4190.8	6500.7	8808.0	11115.2	13710.2	16302.5	18897.5	21489.8	24055.4
	75°	1249.5	2299.2	3351.6	4401.3	5451.0	7372.0	9295.5	11216.4	13137.4	14666.6
	77.5°	887.2	1201.6	1518.6	1833.0	2147.4	2507.0	2869.4	3229.1	3588.7	4134.9
	80°	420.9	460.9	500.9	538.2	578.1	708.7	839.2	969.8	1100.3	1238.9
	82.5°	199.8	215.8	231.8	245.1	261.1	274.4	287.7	301.1	314.4	301.1
	85°	53.3	53.3	55.9	55.9	55.9	55.9	55.9	55.9	55.9	53.3
	87.5°	24.0	24.0	24.0	24.0	24.0	24.0	24.0	21.3	21.3	18.6
	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

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CATALOG NUMBER: GALN-SA7C-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
154.5	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
215.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
247.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
306.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
463.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1111.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2882.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6114.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9434.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12799.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15497.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18132.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20634.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23546.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28531.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37123.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50138.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60190.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65010.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66222.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66891.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68284.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68782.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65279.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55304.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43885.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34312.7											
26621.1											
16195.9											
4681.1											
1377.4											
285.1											
50.6											
18.6											
0.0											
0.0											
0.0											
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CATALOG NUMBER: GALN-SA7C-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5
0.0	2.5°	173.2	170.5	167.8	165.2	162.5	157.2	157.2	154.5	154.5
0.0	5°	189.2	186.5	183.8	181.2	181.2	178.5	175.8	175.8	173.2
0.0	7.5°	215.8	213.1	210.5	207.8	207.8	205.1	205.1	202.5	202.5
0.0	10°	247.8	247.8	247.8	247.8	247.8	245.1	245.1	245.1	242.4
0.0	12.5°	311.7	314.4	319.7	325.0	333.0	333.0	333.0	330.4	330.4
0.0	15°	492.9	522.2	543.5	564.8	583.5	626.1	620.8	612.8	607.4
0.0	17.5°	1246.9	1380.1	1452.0	1521.3	1593.2	1790.4	1758.4	1726.4	1697.1
0.0	20°	3231.7	3580.7	3812.5	4044.3	4278.8	4649.1	4558.5	4467.9	4377.3
0.0	22.5°	6913.7	7715.6	8064.7	8413.7	8760.0	9207.6	8917.2	8626.8	8339.1
0.0	25°	10473.1	11514.8	12103.6	12692.4	13278.6	13534.3	13156.0	12775.0	12396.7
0.0	27.5°	13976.6	15154.2	15673.7	16190.6	16710.1	17245.6	16776.7	16305.1	15836.2
0.0	30°	16784.7	18071.5	18633.7	19193.2	19755.3	20128.3	19643.4	19155.9	18671.0
0.0	32.5°	19539.5	20946.3	21561.7	22177.1	22789.9	23325.4	22728.6	22129.2	21532.4
0.0	35°	22238.4	23844.9	24692.2	25539.4	26386.6	26884.8	26176.2	25464.8	24756.1
0.0	37.5°	25531.4	27516.3	28464.7	29413.2	30361.7	31270.2	30489.6	29706.3	28925.6
0.0	40°	31331.5	34131.6	35586.2	37043.6	38498.3	39670.5	38684.8	37699.0	36713.2
0.0	42.5°	41119.9	45116.2	47207.7	49296.4	51387.8	53218.2	52181.8	51145.4	50109.0
0.0	45°	55456.1	60774.0	63323.6	65870.7	68420.3	69757.8	68265.8	66771.2	65279.2
0.0	47.5°	65484.3	70780.8	73050.8	75320.7	77590.6	79117.3	77292.2	75467.2	73644.9
0.0	50°	70045.5	75083.6	77361.5	79636.8	81914.7	83126.9	81019.5	78909.4	76802.0
0.0	52.5°	70927.4	75635.1	78352.6	81072.8	83790.3	85410.2	82921.8	80430.7	77942.3
0.0	55°	71881.2	76871.3	80023.1	83177.6	86329.3	88572.6	85759.2	82943.1	80129.7
0.0	57.5°	73676.9	79072.0	82215.8	85356.9	88500.7	90405.6	87584.2	84760.1	81938.7
0.0	60°	73836.7	78888.1	81589.7	84293.9	86995.4	88194.3	85495.4	82793.9	80095.0
0.0	62.5°	69070.4	72861.6	74737.2	76612.9	78488.5	79791.3	76975.2	74156.4	71340.3
0.0	65°	57651.5	59998.7	61493.3	62987.9	64482.6	66035.8	63456.9	60877.9	58298.9
0.0	67.5°	45681.0	47476.7	49445.6	51414.5	53383.4	55043.2	52978.4	50911.0	48846.2
	70°	36737.2	39159.0	41373.0	43587.0	45800.9	47159.7	45086.9	43011.5	40938.7
	72.5°	29186.7	31752.4	33601.4	35447.7	37296.7	37629.7	36105.8	34581.8	33060.5
	75°	17722.5	19251.8	19289.1	19323.7	19361.0	19678.1	18415.2	17152.4	15892.2
	77.5°	5227.2	5773.4	6223.7	6671.3	7121.5	7665.0	7201.4	6735.2	6271.6
	80°	1513.3	1651.8	1769.1	1883.6	2000.8	1931.6	1822.3	1713.1	1603.9
	82.5°	271.8	255.8	253.1	250.4	250.4	237.1	215.8	194.5	173.2
	85°	48.0	45.3	42.6	40.0	37.3	34.6	29.3	26.6	21.3
	87.5°	16.0	13.3	10.7	8.0	8.0	2.7	2.7	2.7	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA7C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048875

CATALOG NUMBER: GALN-SA7C-740-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°	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5	154.5
0.0	0.0	2.5°	151.9	149.2	149.2	149.2	149.2	146.5	146.5	146.5	146.5
0.0	0.0	5°	167.8	167.8	165.2	165.2	162.5	162.5	159.9	159.9	157.2
0.0	0.0	7.5°	197.2	194.5	191.8	189.2	186.5	181.2	178.5	175.8	175.8
0.0	0.0	10°	237.1	231.8	229.1	223.8	221.1	215.8	210.5	205.1	199.8
0.0	0.0	12.5°	311.7	301.1	293.1	282.4	271.8	263.8	253.1	245.1	234.5
0.0	0.0	15°	540.8	514.2	484.9	450.3	413.0	378.3	341.0	319.7	295.7
0.0	0.0	17.5°	1382.7	1244.2	1103.0	988.4	873.9	762.0	647.4	564.8	482.2
0.0	0.0	20°	3519.5	3135.8	2752.2	2373.8	1992.9	1614.5	1233.5	1041.7	849.9
0.0	0.0	22.5°	6623.3	5911.9	5197.9	4507.9	3815.2	3125.2	2435.1	2000.8	1569.2
0.0	0.0	25°	10222.7	9327.5	8432.3	7297.4	6159.7	5024.8	3889.8	3183.8	2477.7
0.0	0.0	27.5°	13302.5	12271.5	11240.4	9860.4	8480.3	7100.2	5720.1	4667.7	3618.0
0.0	0.0	30°	15969.5	14861.1	13752.8	12146.3	10539.7	8933.2	7326.7	6010.5	4694.4
0.0	0.0	32.5°	18282.0	16955.2	15628.4	13971.3	12314.1	10657.0	8999.8	7385.3	5770.7
0.0	0.0	35°	20948.9	19401.0	17850.4	16012.1	14171.1	12332.8	10494.4	8672.1	6847.1
0.0	0.0	37.5°	24337.8	22438.2	20536.0	18487.2	16438.4	14392.2	12343.4	10260.0	8176.6
0.0	0.0	40°	30825.2	28374.1	25923.0	23320.1	20714.5	18111.5	15508.5	12950.9	10393.2
0.0	0.0	42.5°	42449.3	39137.7	35826.0	32362.5	28896.3	25432.8	21966.7	18359.3	14749.2
0.0	0.0	45°	55568.0	51459.8	47348.9	43461.7	39571.9	35684.8	31797.7	26847.5	21897.4
0.0	0.0	47.5°	62945.3	58509.4	54073.4	50394.1	46714.8	43035.5	39356.1	34019.7	28683.2
0.0	0.0	50°	65660.2	61144.3	56628.4	53242.2	49853.2	46467.0	43078.1	37733.6	32386.5
0.0	0.0	52.5°	66238.3	61631.9	57025.4	53617.8	50210.3	46805.4	43397.8	38088.0	32778.1
0.0	0.0	55°	67426.6	62484.4	57539.6	53655.1	49770.7	45886.2	42001.7	36606.6	31211.6
0.0	0.0	57.5°	68979.8	63912.4	58845.1	54419.8	49994.5	45571.8	41146.5	35247.9	29349.3
0.0	0.0	60°	68572.2	64162.9	59750.9	55011.2	50268.9	45529.2	40786.8	34299.4	27809.3
0.0	0.0	62.5°	61496.0	57984.5	54470.4	50572.6	46672.1	42774.4	38876.6	32197.3	25518.1
0.0	0.0	65°	50591.2	48028.2	45465.2	42329.4	39191.0	36055.2	32919.3	26930.1	20943.6
0.0	0.0	67.5°	41002.6	38114.6	35223.9	32724.9	30223.1	27724.1	25222.4	20509.3	15796.3
		70°	32575.7	29434.5	26290.7	23850.3	21407.2	18966.7	16526.3	13393.1	10262.7
		72.5°	25869.8	23037.7	20205.6	17602.6	14997.0	12394.0	9788.4	7936.8	6085.1
		75°	12364.7	11232.4	10100.1	8738.7	7377.3	6015.9	4654.4	3847.2	3042.6
		77.5°	4582.5	3972.4	3359.6	2805.4	2251.3	1699.8	1145.6	1049.7	953.8
		80°	1185.6	1033.7	879.2	770.0	658.1	548.8	439.6	397.0	357.0
		82.5°	135.9	125.2	117.2	111.9	103.9	98.6	90.6	82.6	74.6
		85°	8.0	5.3	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: P1048875

CATALOG NUMBER: GALN-SA7C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048875

CATALOG NUMBER: GALN-SA7C-740-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	154.5	154.5
0.0	0.0	2.5°	143.9	141.2
0.0	0.0	5°	151.9	149.2
0.0	0.0	7.5°	167.8	162.5
0.0	0.0	10°	183.8	178.5
0.0	0.0	12.5°	207.8	199.8
0.0	0.0	15°	234.5	218.5
0.0	0.0	17.5°	279.7	245.1
0.0	0.0	20°	378.3	290.4
0.0	0.0	22.5°	532.8	362.3
0.0	0.0	25°	783.3	500.9
0.0	0.0	27.5°	1089.7	666.1
0.0	0.0	30°	1449.3	833.9
0.0	0.0	32.5°	1766.4	993.8
0.0	0.0	35°	2179.3	1156.3
0.0	0.0	37.5°	2688.2	1364.1
0.0	0.0	40°	3476.8	1678.5
0.0	0.0	42.5°	4896.9	2259.3
0.0	0.0	45°	7952.8	3905.8
0.0	0.0	47.5°	12236.9	6460.8
0.0	0.0	50°	14970.4	8245.8
0.0	0.0	52.5°	15194.2	8232.5
0.0	0.0	55°	13870.0	7318.7
0.0	0.0	57.5°	11834.6	6117.1
0.0	0.0	60°	9836.4	4838.3
0.0	0.0	62.5°	7750.3	3341.0
0.0	0.0	65°	5664.2	2363.2
0.0	0.0	67.5°	4068.3	1766.4
		70°	2674.9	1353.4
		72.5°	1742.4	1103.0
		75°	1172.3	913.8
		77.5°	684.7	607.4
		80°	242.4	213.1
		82.5°	45.3	32.0
		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: P1048875

CATALOG NUMBER: GALN-SA7C-740-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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

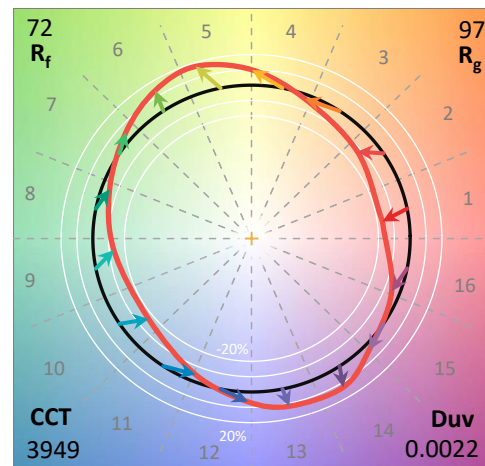
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

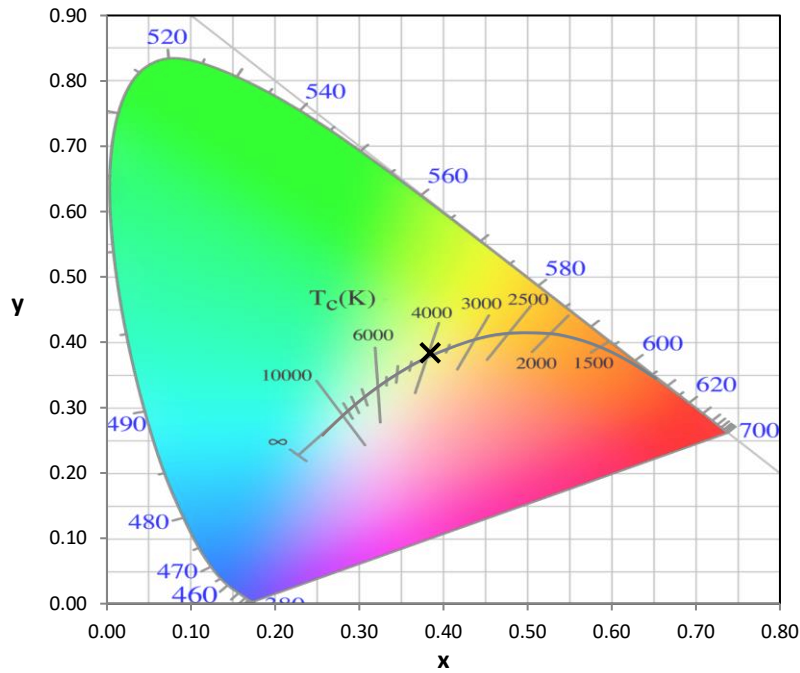
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

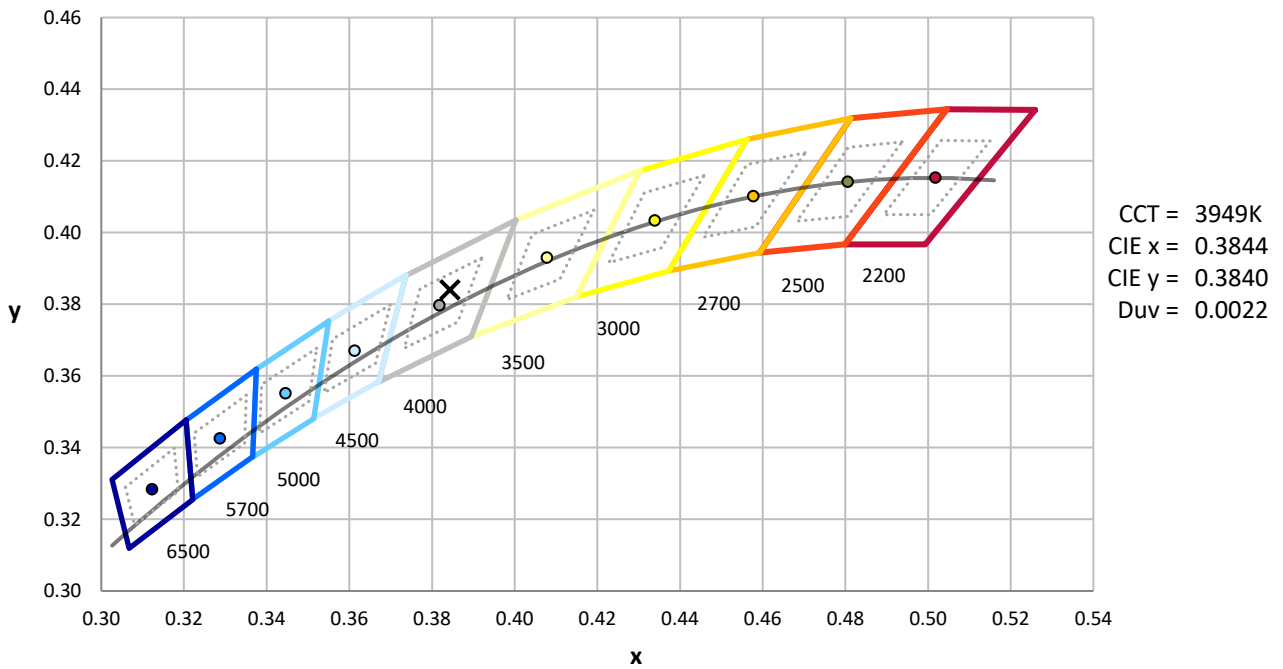
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



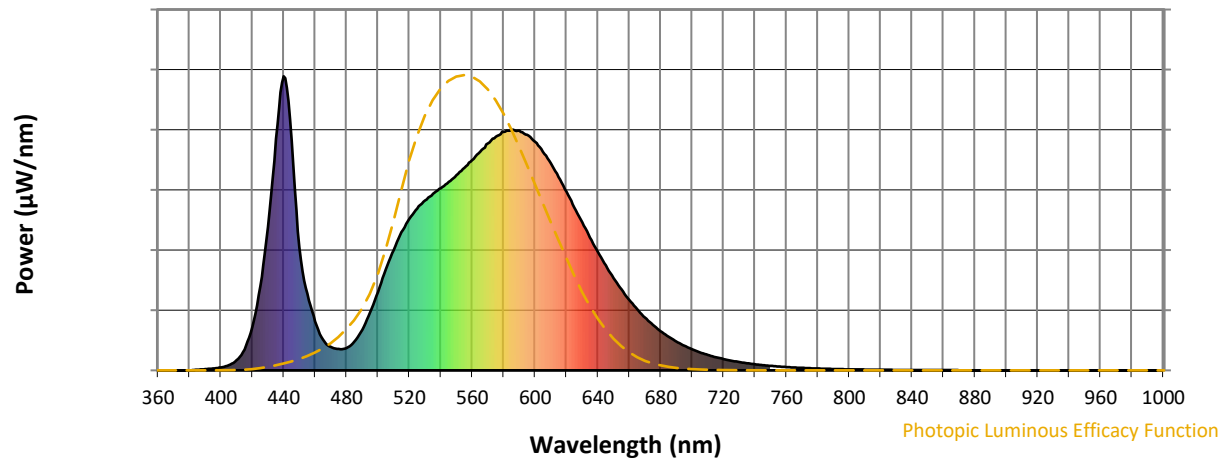
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

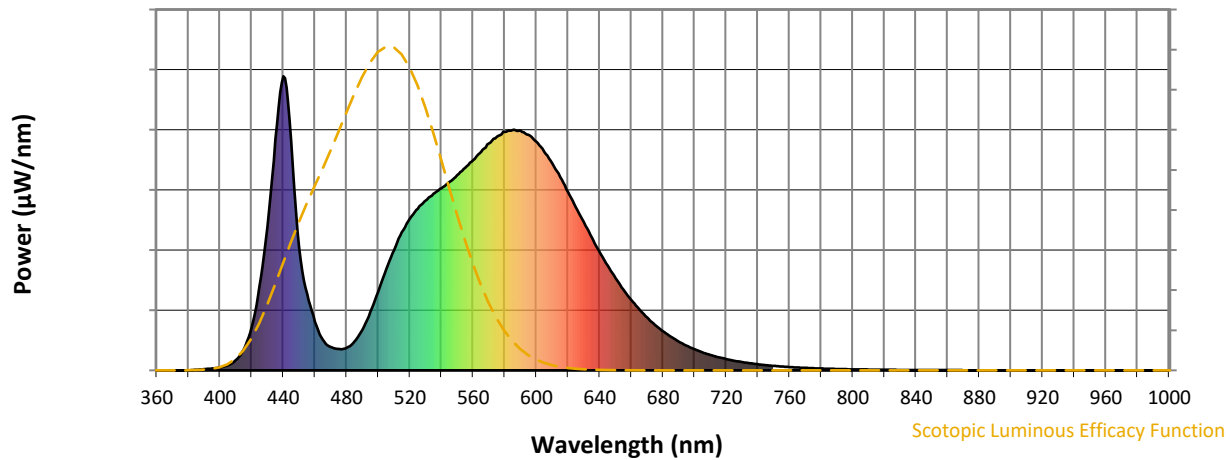


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength



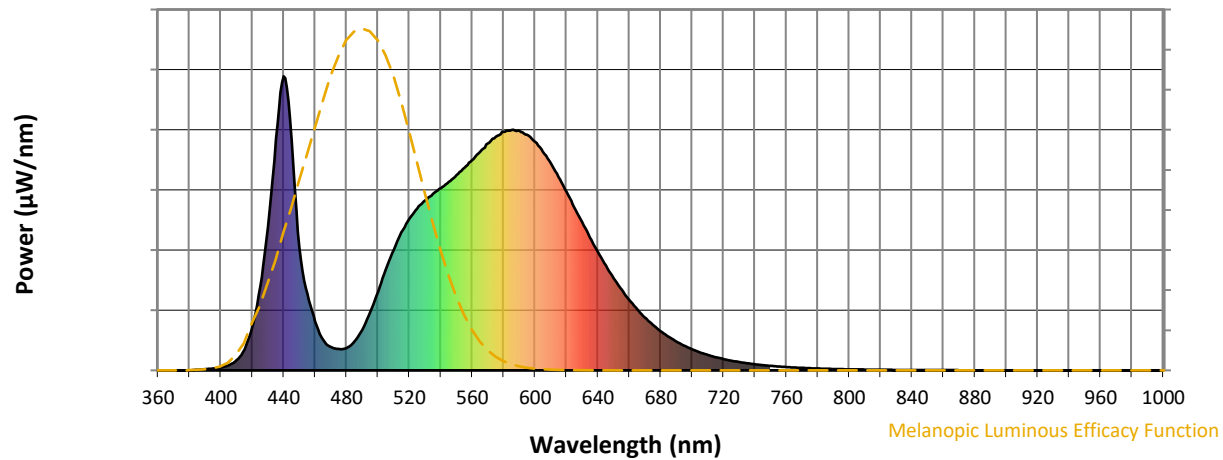
Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

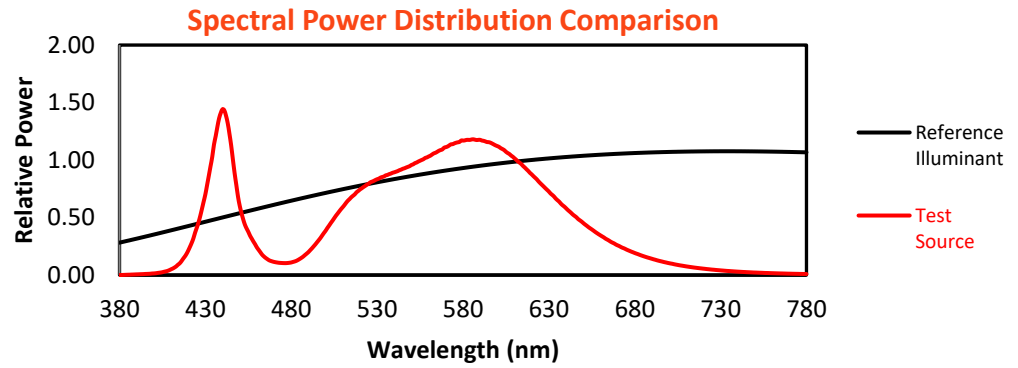
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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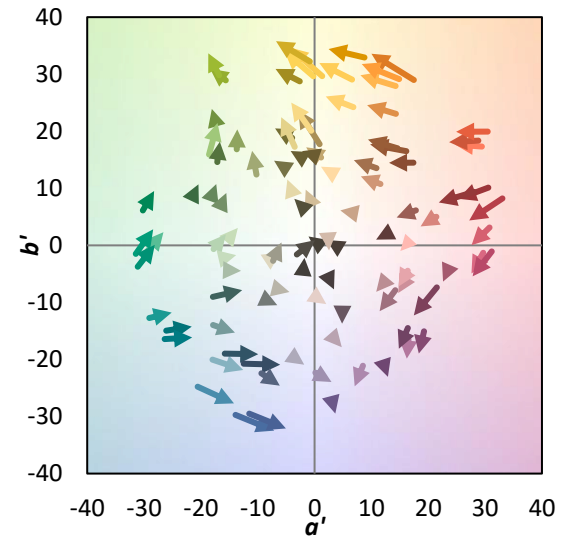
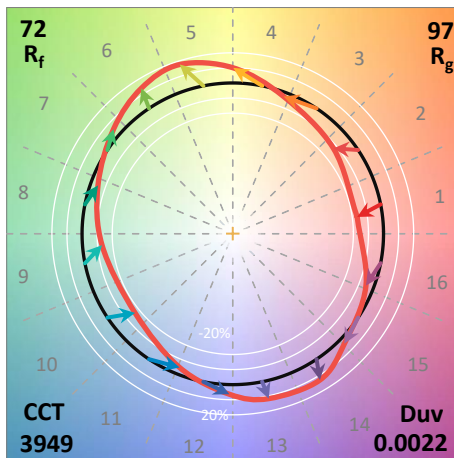
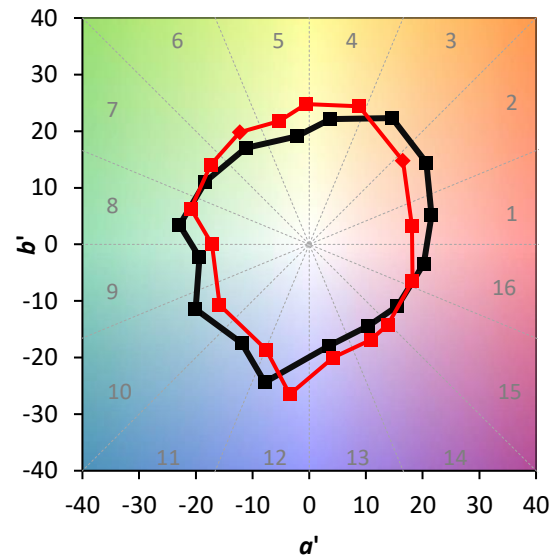
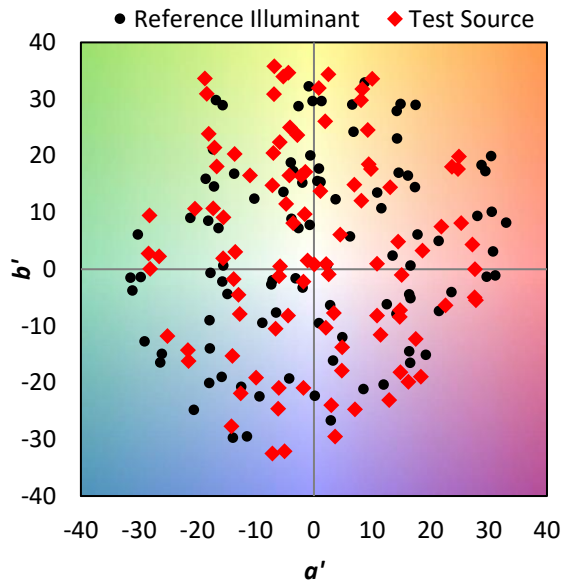
TM-30-18

Summary

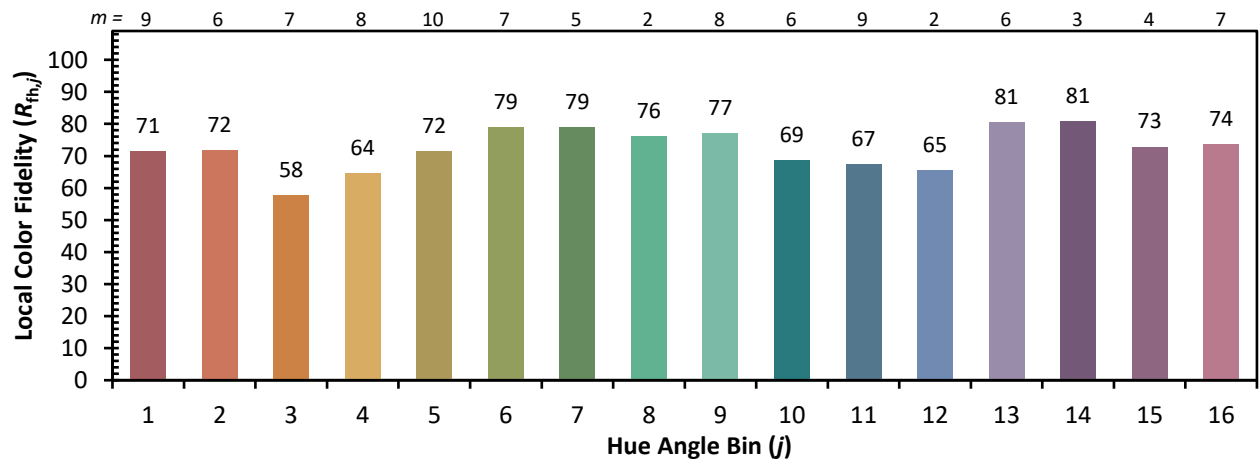
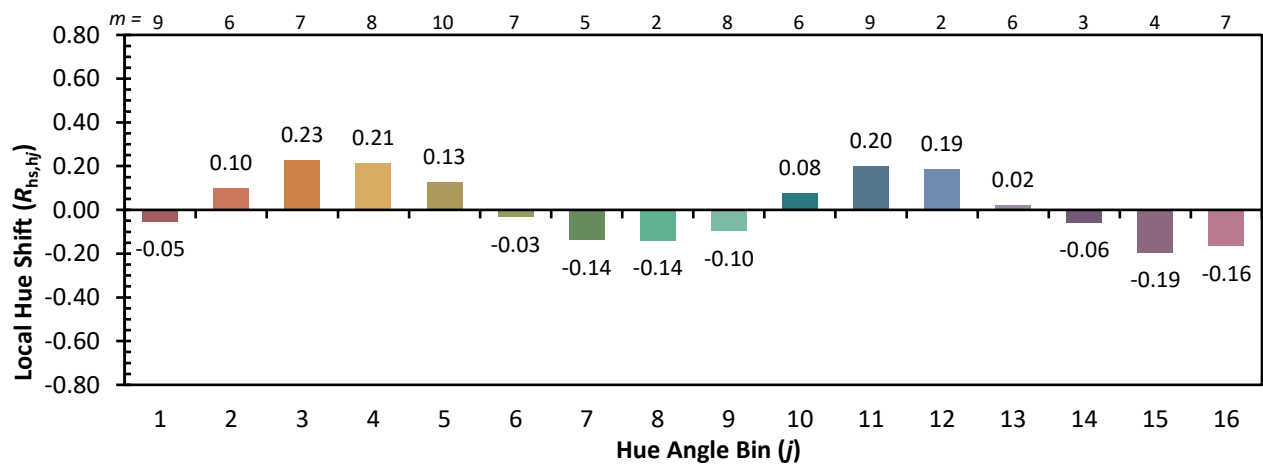
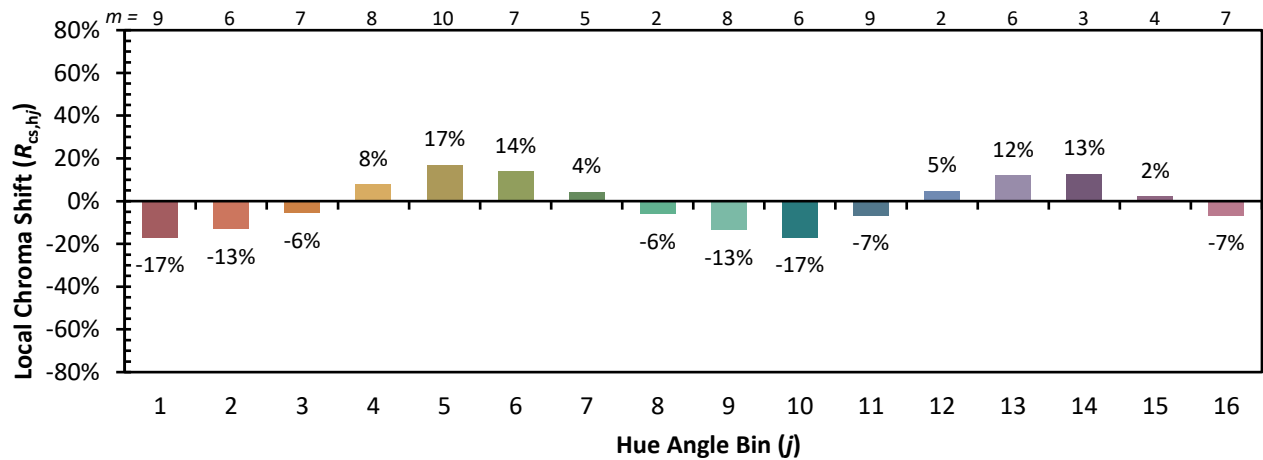
$R_f = 71.8$
 $R_g = 96.5$
 CIE $R_a = 70.7$
 $R_g = -36.7$



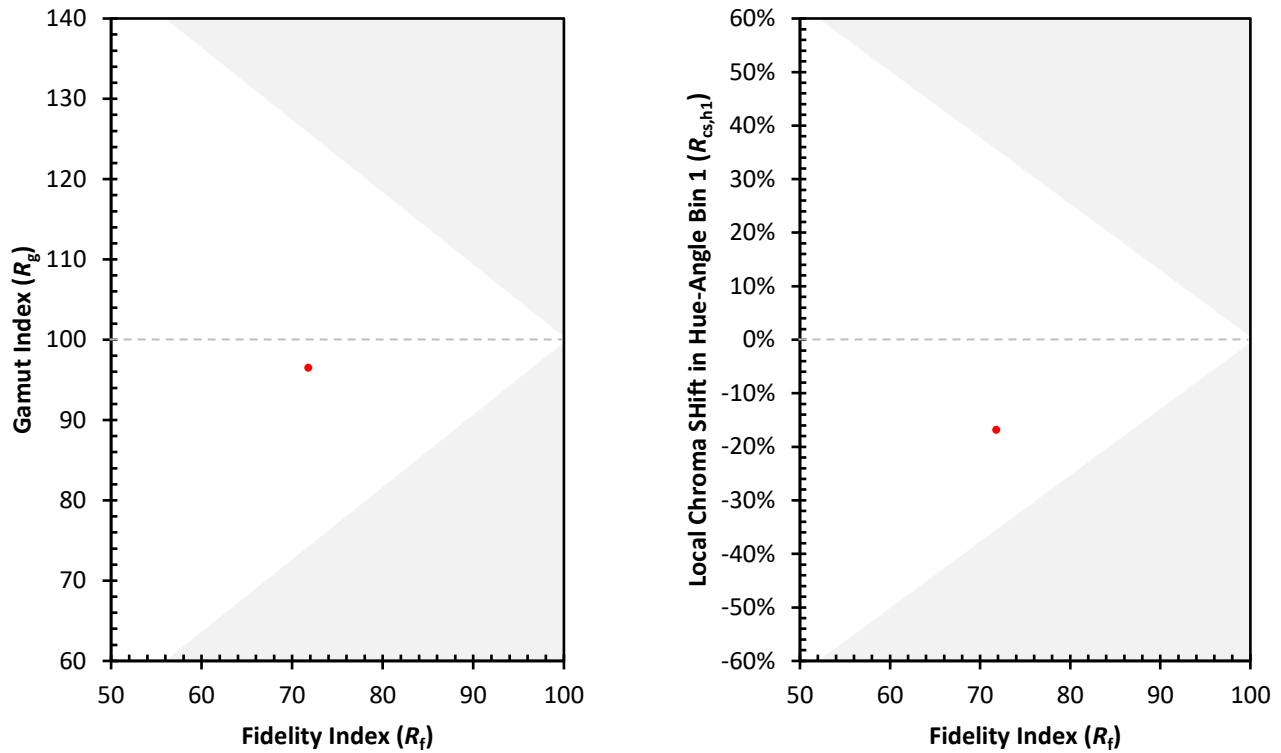
Color Vector Graphics



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)