

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: P1048883

Luminaire Tested: **GALN-SA9C-740-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048883
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9C-740-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE
70CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (126) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 44976.1 lumens
Efficiency: N/A
Efficacy: 107.8 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

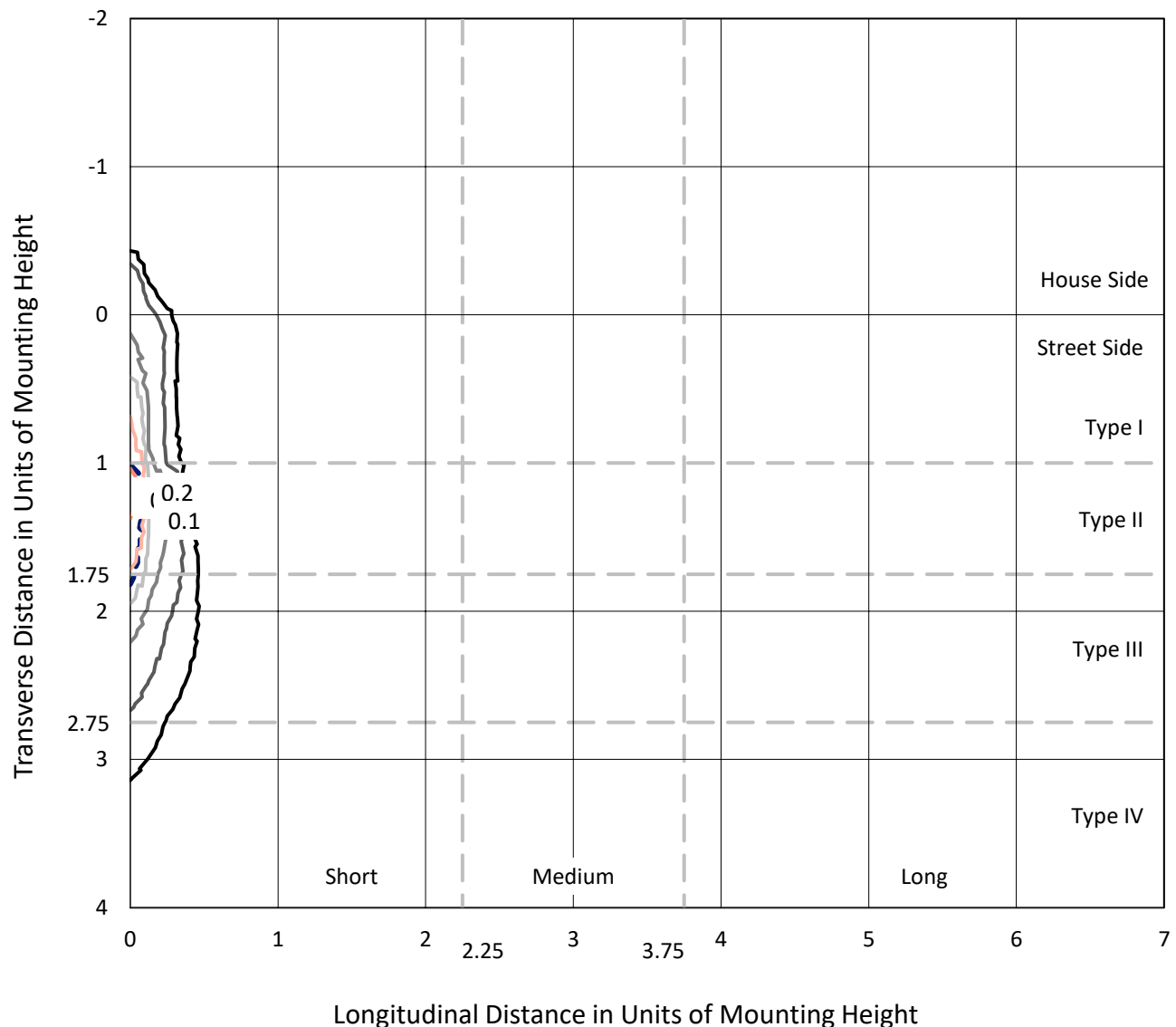
Input Watts (W): 417.1
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

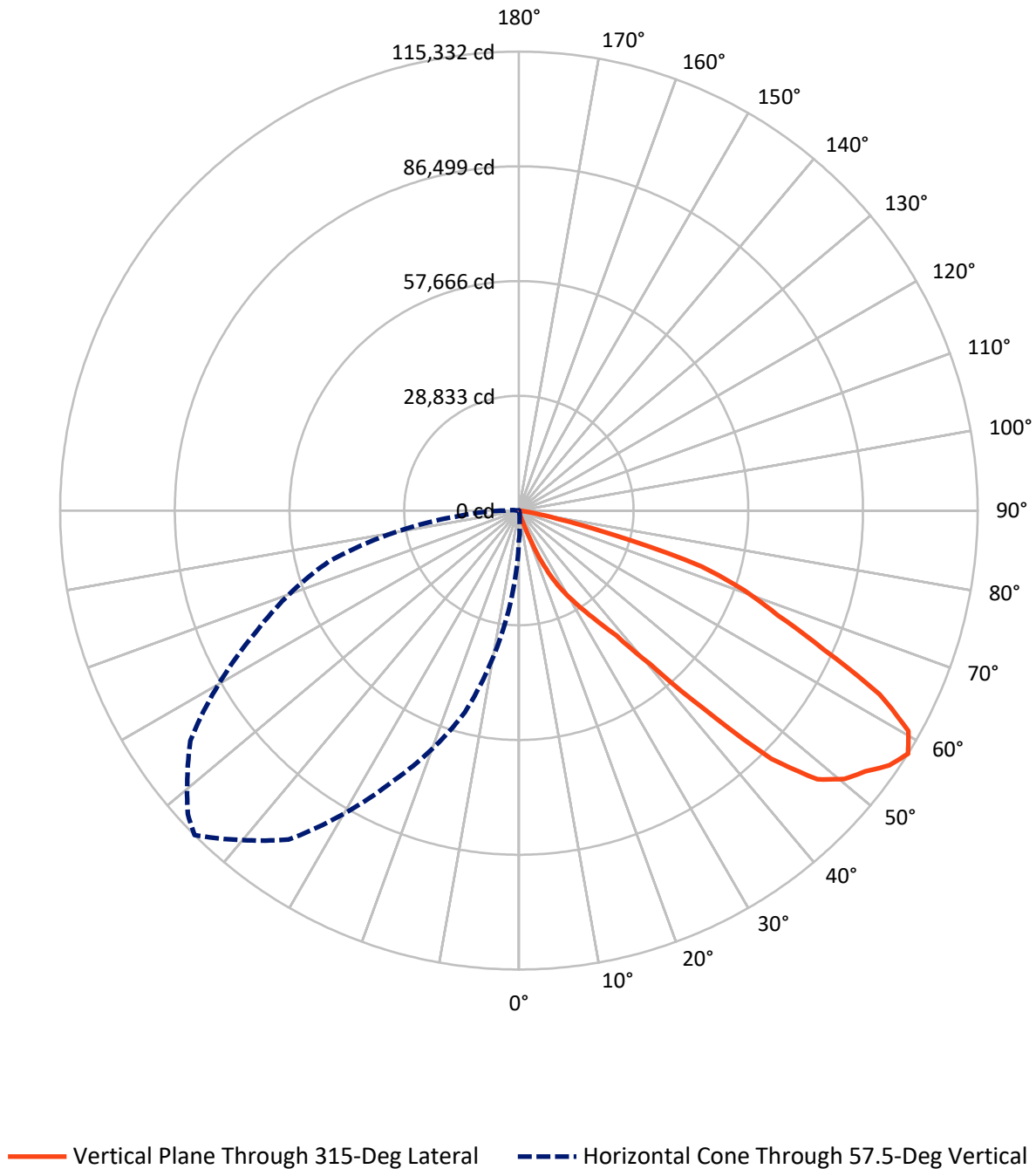
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 6.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	225.2	0.0	225.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	44750.9	0.0	44750.9
	% Fixture	99.5	0.0	99.5
Total	Lumens	44976.1	0.0	44976.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.6	0.0
10°-20°	98.8	0.2
20°-30°	1065.9	2.4
30°-40°	3152.0	7.0
40°-50°	9393.7	20.9
50°-60°	14895.0	33.1
60°-70°	12433.7	27.6
70°-80°	3834.1	8.5
80°-90°	85.3	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°	44976.1	100.0
0°-180°	44976.1	100.0



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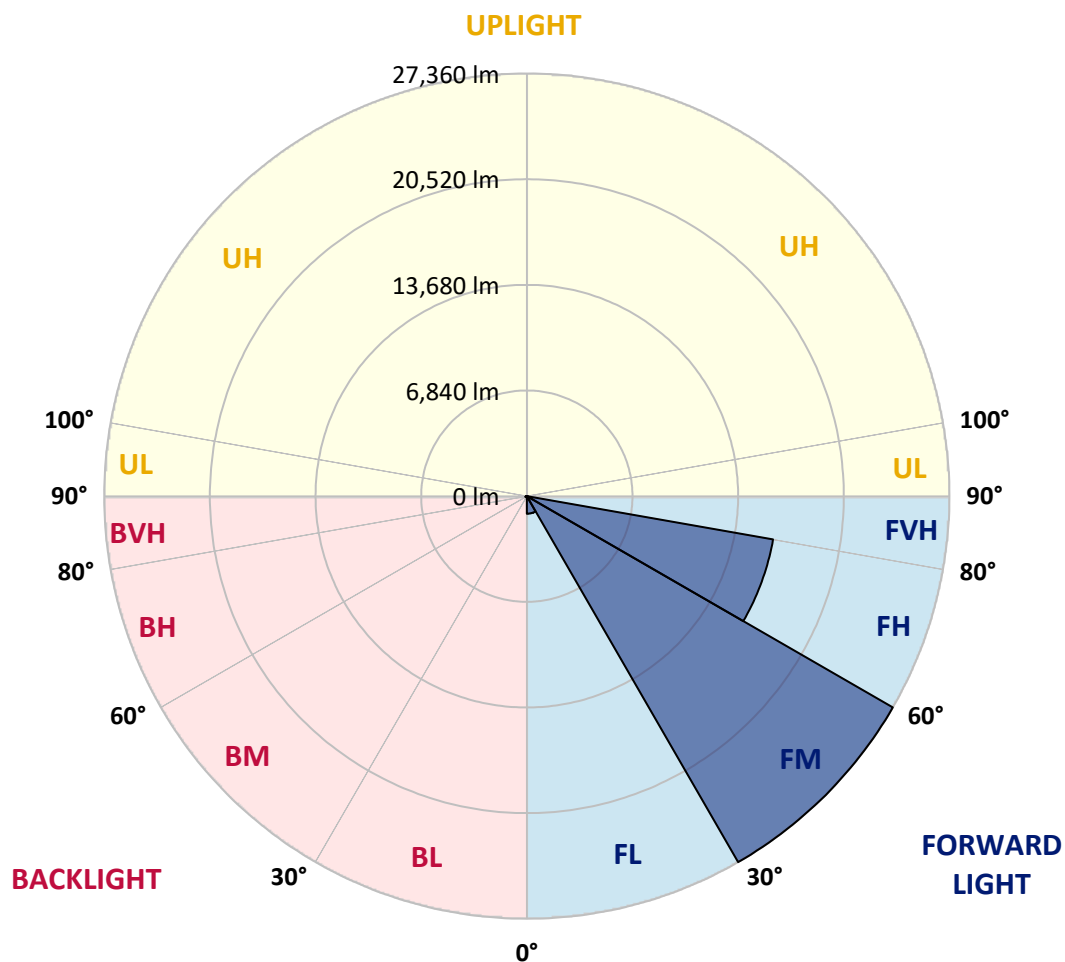
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1141.0	2.5			
FM	(30°-60°)	27360.2	60.8			
FH	(60°-80°)	16183.8	36.0			G5
FVH	(80°-90°)	65.9	0.1			G1/100
BL	(0°-30°)	41.4	0.1	B0/110		
BM	(30°-60°)	80.5	0.2	B0/220		
BH	(60°-80°)	84.0	0.2	B0/110		G0/110
BVH	(80°-90°)	19.3	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°	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1
2.5°	180.1	180.1	180.1	180.1	176.7	176.7	173.3	173.3	169.9	169.9
5°	190.3	190.3	186.9	183.5	183.5	180.1	176.7	173.3	173.3	169.9
7.5°	207.3	203.9	200.5	197.1	190.3	186.9	180.1	176.7	173.3	166.5
10°	227.7	220.9	214.1	207.3	200.5	193.7	186.9	183.5	176.7	173.3
12.5°	254.9	244.7	231.1	220.9	214.1	203.9	197.1	190.3	180.1	173.3
15°	278.7	265.1	248.1	234.5	224.3	210.7	200.5	190.3	183.5	173.3
17.5°	312.7	288.9	261.7	244.7	231.1	214.1	197.1	186.9	176.7	163.1
20°	370.5	322.9	271.9	251.5	231.1	210.7	190.3	176.7	166.5	152.9
22.5°	462.2	380.7	299.1	268.5	241.3	210.7	183.5	169.9	156.3	142.7
25°	639.0	492.8	346.7	305.9	265.1	224.3	183.5	166.5	152.9	136.0
27.5°	849.7	632.2	411.3	353.5	299.1	241.3	183.5	163.1	146.1	125.8
30°	1063.8	774.9	482.6	407.9	333.1	258.3	183.5	159.7	139.4	115.6
32.5°	1267.8	907.5	543.8	455.4	367.1	275.3	186.9	159.7	132.6	105.4
35°	1475.1	1016.2	554.0	462.2	370.5	275.3	183.5	152.9	125.8	95.2
37.5°	1740.2	1138.6	533.6	441.8	353.5	261.7	173.3	146.1	119.0	88.4
40°	2141.2	1342.5	543.8	448.6	353.5	258.3	163.1	136.0	112.2	85.0
42.5°	2882.2	1736.8	588.0	479.2	370.5	258.3	149.5	125.8	105.4	81.6
45°	4982.6	2885.6	788.5	625.4	462.2	299.1	136.0	115.6	98.6	78.2
47.5°	8242.1	4829.7	1417.3	1094.4	774.9	452.0	132.6	115.6	98.6	78.2
50°	10519.3	6151.8	1784.4	1373.1	961.9	550.6	139.4	119.0	102.0	81.6
52.5°	10502.3	6247.0	1988.3	1526.1	1067.2	605.0	146.1	125.8	108.8	88.4
55°	9336.5	5682.8	2025.7	1556.7	1091.0	622.0	156.3	136.0	115.6	95.2
57.5°	7803.7	4826.3	1849.0	1430.9	1016.2	598.2	180.1	156.3	136.0	112.2
60°	6172.2	3806.7	1441.1	1138.6	839.5	537.0	237.9	207.3	180.1	149.5
62.5°	4262.1	2759.8	1257.6	1009.4	764.7	516.6	271.9	241.3	214.1	183.5
65°	3014.7	2076.7	1135.2	924.5	717.1	506.4	295.7	261.7	231.1	197.1
67.5°	2253.4	1651.8	1046.8	866.7	686.6	506.4	326.3	285.5	248.1	207.3
70°	1726.6	1356.1	982.3	836.1	693.4	547.2	401.1	343.3	288.9	231.1
72.5°	1407.1	1159.0	907.5	802.1	696.8	591.4	486.0	411.3	336.5	258.3
75°	1165.8	992.5	819.1	730.7	645.8	557.4	469.0	401.1	336.5	268.5
77.5°	774.9	707.0	635.6	584.6	533.6	479.2	428.2	370.5	316.1	258.3
80°	271.9	261.7	251.5	271.9	292.3	312.7	333.1	292.3	254.9	214.1
82.5°	40.8	37.4	34.0	37.4	40.8	44.2	47.6	51.0	54.4	57.8
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°	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1
0.0	2.5°	166.5	166.5	163.1	163.1	163.1	159.7	159.7	156.3	156.3	156.3
0.0	5°	163.1	163.1	159.7	156.3	152.9	152.9	149.5	146.1	146.1	142.7
0.0	7.5°	159.7	156.3	152.9	149.5	146.1	142.7	139.4	136.0	136.0	132.6
0.0	10°	163.1	156.3	152.9	146.1	142.7	139.4	132.6	129.2	125.8	125.8
0.0	12.5°	156.3	152.9	146.1	139.4	136.0	129.2	125.8	119.0	115.6	115.6
0.0	15°	156.3	149.5	139.4	132.6	125.8	122.4	115.6	108.8	105.4	102.0
0.0	17.5°	146.1	139.4	129.2	122.4	115.6	108.8	102.0	95.2	91.8	88.4
0.0	20°	132.6	125.8	115.6	105.4	98.6	91.8	85.0	78.2	74.8	71.4
0.0	22.5°	119.0	112.2	102.0	91.8	85.0	78.2	68.0	61.2	57.8	51.0
0.0	25°	112.2	102.0	91.8	81.6	71.4	64.6	54.4	44.2	37.4	30.6
0.0	27.5°	95.2	85.0	74.8	64.6	54.4	44.2	34.0	23.8	17.0	13.6
0.0	30°	81.6	71.4	61.2	51.0	37.4	27.2	17.0	3.4	3.4	3.4
0.0	32.5°	68.0	57.8	44.2	34.0	27.2	17.0	10.2	0.0	0.0	0.0
0.0	35°	54.4	44.2	30.6	20.4	17.0	10.2	6.8	0.0	0.0	0.0
0.0	37.5°	47.6	37.4	23.8	10.2	6.8	6.8	3.4	0.0	0.0	0.0
0.0	40°	44.2	30.6	17.0	3.4	3.4	3.4	0.0	0.0	0.0	0.0
0.0	42.5°	44.2	30.6	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	44.2	30.6	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	44.2	30.6	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	47.6	34.0	17.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	54.4	40.8	27.2	13.6	10.2	6.8	3.4	0.0	0.0	0.0
0.0	55°	68.0	61.2	51.0	44.2	34.0	23.8	10.2	0.0	0.0	0.0
0.0	57.5°	88.4	88.4	85.0	81.6	61.2	40.8	20.4	0.0	0.0	0.0
0.0	60°	119.0	119.0	119.0	119.0	88.4	61.2	30.6	0.0	0.0	0.0
0.0	62.5°	146.1	139.4	129.2	122.4	91.8	61.2	30.6	0.0	0.0	0.0
0.0	65°	146.1	132.6	115.6	98.6	74.8	51.0	23.8	0.0	0.0	0.0
0.0	67.5°	136.0	108.8	78.2	51.0	37.4	27.2	13.6	0.0	0.0	0.0
	70°	136.0	95.2	54.4	13.6	10.2	6.8	3.4	0.0	0.0	0.0
	72.5°	136.0	91.8	44.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	149.5	102.0	51.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	149.5	102.0	51.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	132.6	88.4	44.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	44.2	30.6	13.6	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°	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1
0.0	2.5°	152.9	152.9	152.9	149.5	149.5	149.5	149.5	146.1	146.1	146.1
0.0	5°	139.4	139.4	136.0	136.0	132.6	132.6	129.2	129.2	125.8	125.8
0.0	7.5°	129.2	125.8	125.8	122.4	119.0	119.0	115.6	115.6	112.2	108.8
0.0	10°	119.0	115.6	115.6	112.2	108.8	105.4	105.4	102.0	98.6	95.2
0.0	12.5°	108.8	105.4	102.0	98.6	95.2	91.8	91.8	88.4	85.0	81.6
0.0	15°	95.2	91.8	88.4	85.0	81.6	78.2	78.2	74.8	71.4	68.0
0.0	17.5°	81.6	78.2	78.2	74.8	71.4	68.0	64.6	57.8	54.4	51.0
0.0	20°	61.2	57.8	54.4	51.0	47.6	40.8	37.4	30.6	23.8	20.4
0.0	22.5°	40.8	34.0	30.6	23.8	17.0	13.6	10.2	3.4	0.0	0.0
0.0	25°	13.6	10.2	6.8	3.4	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: P1048883

CATALOG NUMBER: GALN-SA9C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048883

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CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1
0.0	2.5°	142.7	142.7	142.7	139.4	139.4	139.4	139.4	139.4	139.4	139.4
0.0	5°	122.4	122.4	122.4	119.0	119.0	115.6	115.6	115.6	112.2	112.2
0.0	7.5°	105.4	102.0	102.0	98.6	98.6	95.2	95.2	95.2	91.8	91.8
0.0	10°	88.4	85.0	85.0	81.6	81.6	78.2	78.2	74.8	74.8	71.4
0.0	12.5°	78.2	74.8	71.4	68.0	68.0	64.6	61.2	61.2	57.8	54.4
0.0	15°	61.2	57.8	54.4	51.0	47.6	44.2	40.8	40.8	37.4	34.0
0.0	17.5°	40.8	34.0	30.6	27.2	27.2	23.8	20.4	17.0	13.6	10.2
0.0	20°	10.2	6.8	3.4	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

CATALOG NUMBER: GALN-SA9C-740-U-RBC

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CATALOG NUMBER: GALN-SA9C-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°	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1
0.0	2.5°	139.4	136.0	136.0	136.0	139.4	139.4	139.4	139.4	139.4	139.4
0.0	5°	112.2	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8	108.8
0.0	7.5°	91.8	88.4	88.4	88.4	88.4	85.0	85.0	85.0	85.0	85.0
0.0	10°	71.4	68.0	68.0	68.0	68.0	64.6	64.6	64.6	64.6	64.6
0.0	12.5°	51.0	51.0	47.6	47.6	47.6	44.2	44.2	44.2	44.2	40.8
0.0	15°	30.6	27.2	23.8	23.8	23.8	20.4	20.4	20.4	20.4	17.0
0.0	17.5°	6.8	6.8	3.4	3.4	3.4	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

CATALOG NUMBER: GALN-SA9C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA9C-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°	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1
0.0	2.5°	142.7	142.7	146.1	146.1	149.5	156.3	159.7	163.1	169.9	176.7
0.0	5°	112.2	115.6	115.6	119.0	122.4	125.8	129.2	132.6	139.4	146.1
0.0	7.5°	88.4	88.4	91.8	91.8	95.2	102.0	105.4	108.8	115.6	125.8
0.0	10°	68.0	68.0	71.4	71.4	74.8	81.6	85.0	88.4	95.2	105.4
0.0	12.5°	44.2	47.6	47.6	51.0	54.4	61.2	64.6	68.0	74.8	81.6
0.0	15°	20.4	23.8	23.8	27.2	30.6	37.4	40.8	44.2	51.0	61.2
0.0	17.5°	3.4	3.4	6.8	6.8	10.2	13.6	17.0	20.4	30.6	37.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8	13.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
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

CATALOG NUMBER: GALN-SA9C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA9C-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°	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1
0.0	2.5°	186.9	193.7	200.5	207.3	214.1	220.9	224.3	231.1	234.5	237.9
0.0	5°	159.7	166.5	176.7	183.5	190.3	197.1	203.9	207.3	210.7	214.1
0.0	7.5°	139.4	146.1	156.3	163.1	169.9	176.7	183.5	190.3	193.7	197.1
0.0	10°	119.0	129.2	136.0	146.1	152.9	159.7	166.5	173.3	180.1	183.5
0.0	12.5°	95.2	105.4	115.6	122.4	132.6	142.7	149.5	156.3	163.1	169.9
0.0	15°	74.8	85.0	95.2	102.0	112.2	122.4	132.6	139.4	146.1	152.9
0.0	17.5°	54.4	64.6	74.8	81.6	91.8	102.0	108.8	119.0	125.8	132.6
0.0	20°	27.2	37.4	47.6	57.8	68.0	78.2	85.0	95.2	102.0	108.8
0.0	22.5°	3.4	13.6	23.8	30.6	40.8	51.0	57.8	68.0	74.8	81.6
0.0	25°	0.0	3.4	10.2	13.6	17.0	23.8	30.6	37.4	44.2	51.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	3.4	6.8	13.6	20.4	27.2
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8
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	3.4
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	3.4	6.8
	85°	0.0	0.0	0.0	0.0	0.0	6.8	10.2	17.0	20.4	23.8
	87.5°	0.0	3.4	6.8	10.2	13.6	20.4	27.2	34.0	37.4	40.8
	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: P1048883

CATALOG NUMBER: GALN-SA9C-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
197.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
237.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
217.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.2	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											
3.4											
13.6											
30.6											
44.2											
0.0											
0.0											
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REPORT NUMBER: P1048883

CATALOG NUMBER: GALN-SA9C-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°	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1
0.0	2.5°	241.3	241.3	241.3	241.3	237.9	237.9	237.9	234.5	234.5	231.1
0.0	5°	220.9	224.3	224.3	224.3	224.3	224.3	224.3	224.3	220.9	220.9
0.0	7.5°	203.9	207.3	210.7	210.7	214.1	214.1	214.1	210.7	210.7	207.3
0.0	10°	193.7	197.1	197.1	200.5	200.5	200.5	200.5	200.5	200.5	200.5
0.0	12.5°	180.1	183.5	186.9	186.9	190.3	190.3	190.3	190.3	186.9	186.9
0.0	15°	163.1	169.9	173.3	176.7	176.7	180.1	180.1	180.1	180.1	180.1
0.0	17.5°	149.5	156.3	159.7	163.1	163.1	166.5	166.5	169.9	169.9	169.9
0.0	20°	122.4	129.2	132.6	139.4	142.7	146.1	149.5	152.9	152.9	156.3
0.0	22.5°	95.2	102.0	105.4	112.2	115.6	119.0	122.4	125.8	129.2	132.6
0.0	25°	68.0	74.8	78.2	85.0	88.4	91.8	95.2	98.6	98.6	102.0
0.0	27.5°	37.4	44.2	51.0	54.4	61.2	64.6	68.0	71.4	74.8	78.2
0.0	30°	17.0	20.4	23.8	30.6	34.0	37.4	40.8	47.6	51.0	54.4
0.0	32.5°	0.0	0.0	3.4	10.2	13.6	17.0	20.4	23.8	23.8	27.2
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	3.4	6.8	10.2	13.6
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°	6.8	6.8	6.8	10.2	10.2	10.2	10.2	10.2	10.2	10.2
	82.5°	17.0	20.4	23.8	23.8	27.2	27.2	27.2	27.2	23.8	23.8
	85°	34.0	37.4	40.8	40.8	44.2	44.2	44.2	44.2	44.2	44.2
	87.5°	47.6	51.0	54.4	54.4	57.8	57.8	57.8	57.8	57.8	57.8
	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: P1048883

CATALOG NUMBER: GALN-SA9C-740-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
197.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
231.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
220.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
186.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	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											
10.2											
23.8											
44.2											
57.8											
0.0											
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REPORT NUMBER: P1048883

CATALOG NUMBER: GALN-SA9C-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°	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1
0.0	2.5°	227.7	227.7	224.3	224.3	224.3	224.3	224.3	227.7	231.1	231.1
0.0	5°	217.5	217.5	214.1	214.1	214.1	217.5	217.5	220.9	224.3	227.7
0.0	7.5°	207.3	203.9	203.9	207.3	207.3	210.7	210.7	214.1	217.5	220.9
0.0	10°	200.5	197.1	197.1	197.1	200.5	200.5	203.9	207.3	210.7	214.1
0.0	12.5°	186.9	186.9	186.9	186.9	190.3	190.3	193.7	197.1	203.9	207.3
0.0	15°	180.1	176.7	176.7	176.7	176.7	180.1	180.1	186.9	193.7	197.1
0.0	17.5°	166.5	166.5	163.1	163.1	166.5	166.5	169.9	176.7	183.5	186.9
0.0	20°	152.9	149.5	146.1	146.1	149.5	149.5	152.9	159.7	166.5	169.9
0.0	22.5°	132.6	129.2	129.2	129.2	129.2	132.6	132.6	139.4	149.5	156.3
0.0	25°	105.4	108.8	108.8	112.2	112.2	115.6	119.0	125.8	136.0	142.7
0.0	27.5°	81.6	85.0	85.0	91.8	95.2	98.6	102.0	112.2	122.4	129.2
0.0	30°	61.2	64.6	68.0	71.4	78.2	85.0	91.8	102.0	112.2	119.0
0.0	32.5°	37.4	44.2	47.6	54.4	61.2	68.0	74.8	85.0	98.6	108.8
0.0	35°	27.2	30.6	37.4	40.8	47.6	54.4	61.2	74.8	85.0	98.6
0.0	37.5°	13.6	20.4	27.2	34.0	40.8	47.6	54.4	68.0	81.6	91.8
0.0	40°	10.2	17.0	20.4	27.2	37.4	44.2	51.0	64.6	78.2	91.8
0.0	42.5°	6.8	10.2	13.6	23.8	30.6	40.8	51.0	64.6	78.2	91.8
0.0	45°	6.8	6.8	10.2	20.4	30.6	44.2	54.4	68.0	78.2	91.8
0.0	47.5°	6.8	10.2	13.6	27.2	34.0	44.2	54.4	64.6	78.2	88.4
0.0	50°	10.2	13.6	17.0	30.6	37.4	47.6	54.4	68.0	78.2	91.8
0.0	52.5°	6.8	10.2	13.6	27.2	37.4	51.0	61.2	74.8	88.4	98.6
0.0	55°	3.4	3.4	3.4	20.4	40.8	57.8	78.2	88.4	102.0	112.2
0.0	57.5°	0.0	0.0	0.0	13.6	40.8	64.6	88.4	102.0	115.6	125.8
0.0	60°	0.0	0.0	0.0	13.6	40.8	64.6	88.4	105.4	122.4	139.4
0.0	62.5°	0.0	0.0	0.0	13.6	34.0	54.4	74.8	102.0	132.6	159.7
0.0	65°	0.0	0.0	0.0	10.2	27.2	44.2	61.2	102.0	142.7	180.1
0.0	67.5°	0.0	0.0	0.0	10.2	27.2	40.8	57.8	102.0	142.7	186.9
	70°	0.0	0.0	0.0	10.2	27.2	44.2	61.2	102.0	142.7	183.5
	72.5°	0.0	0.0	0.0	10.2	30.6	47.6	68.0	102.0	136.0	169.9
	75°	0.0	0.0	0.0	13.6	30.6	51.0	71.4	102.0	132.6	159.7
	77.5°	0.0	0.0	0.0	10.2	30.6	47.6	68.0	98.6	129.2	156.3
	80°	10.2	6.8	6.8	17.0	30.6	44.2	57.8	88.4	122.4	152.9
	82.5°	20.4	20.4	17.0	23.8	30.6	40.8	51.0	78.2	108.8	136.0
	85°	40.8	40.8	37.4	40.8	40.8	44.2	47.6	61.2	74.8	88.4
	87.5°	54.4	54.4	51.0	51.0	51.0	47.6	47.6	47.6	47.6	44.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
197.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
234.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
231.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
224.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
217.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
203.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
186.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
220.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
227.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
224.3											
203.9											
190.3											
186.9											
183.5											
163.1											
102.0											
44.2											
0.0											
0.0											
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REPORT NUMBER: P1048883

CATALOG NUMBER: GALN-SA9C-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°	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1
0.0	2.5°	237.9	241.3	241.3	244.7	248.1	251.5	251.5	254.9	254.9	254.9
0.0	5°	234.5	241.3	244.7	248.1	251.5	254.9	258.3	261.7	265.1	265.1
0.0	7.5°	231.1	234.5	241.3	244.7	251.5	254.9	261.7	265.1	268.5	271.9
0.0	10°	224.3	231.1	237.9	244.7	251.5	258.3	265.1	271.9	278.7	282.1
0.0	12.5°	217.5	227.7	234.5	241.3	251.5	261.7	268.5	278.7	285.5	292.3
0.0	15°	214.1	220.9	231.1	237.9	251.5	265.1	275.3	288.9	302.5	312.7
0.0	17.5°	203.9	217.5	227.7	237.9	251.5	268.5	282.1	295.7	316.1	336.5
0.0	20°	190.3	200.5	214.1	224.3	244.7	261.7	282.1	299.1	329.7	360.3
0.0	22.5°	176.7	190.3	200.5	214.1	237.9	258.3	282.1	302.5	353.5	401.1
0.0	25°	163.1	180.1	193.7	207.3	234.5	261.7	288.9	316.1	401.1	486.0
0.0	27.5°	156.3	169.9	186.9	200.5	234.5	271.9	305.9	339.9	475.8	608.4
0.0	30°	146.1	163.1	176.7	193.7	237.9	282.1	326.3	370.5	577.8	785.1
0.0	32.5°	136.0	152.9	169.9	186.9	244.7	302.5	356.9	414.7	686.6	955.1
0.0	35°	125.8	146.1	163.1	180.1	254.9	333.1	407.9	482.6	785.1	1084.2
0.0	37.5°	122.4	142.7	159.7	176.7	258.3	336.5	418.1	496.2	795.3	1094.4
0.0	40°	125.8	142.7	163.1	180.1	248.1	316.1	380.7	448.6	761.3	1070.6
0.0	42.5°	125.8	146.1	166.5	186.9	241.3	295.7	350.1	404.5	751.1	1097.8
0.0	45°	122.4	142.7	163.1	183.5	234.5	282.1	333.1	380.7	812.3	1240.6
0.0	47.5°	119.0	139.4	159.7	180.1	231.1	282.1	333.1	384.1	1050.2	1713.0
0.0	50°	119.0	139.4	156.3	173.3	234.5	299.1	360.3	421.5	1529.5	2634.1
0.0	52.5°	125.8	142.7	156.3	169.9	241.3	316.1	387.5	458.8	1944.1	3426.0
0.0	55°	136.0	146.1	159.7	169.9	258.3	343.3	431.6	516.6	2069.9	3623.1
0.0	57.5°	149.5	159.7	169.9	180.1	288.9	397.7	503.0	611.8	2080.1	3545.0
0.0	60°	166.5	180.1	190.3	200.5	316.1	435.0	550.6	666.2	1882.9	3096.3
0.0	62.5°	203.9	220.9	234.5	251.5	363.7	472.4	584.6	693.4	1563.5	2433.5
0.0	65°	234.5	248.1	261.7	275.3	384.1	496.2	605.0	713.7	1325.5	1937.3
0.0	67.5°	241.3	254.9	265.1	278.7	390.9	503.0	611.8	723.9	1135.2	1543.1
	70°	244.7	261.7	282.1	299.1	414.7	530.2	642.4	757.9	1006.0	1254.2
	72.5°	234.5	268.5	299.1	329.7	438.4	543.8	652.6	757.9	934.7	1111.4
	75°	234.5	282.1	326.3	370.5	452.0	530.2	611.8	690.0	825.9	961.9
	77.5°	248.1	309.3	370.5	431.6	479.2	523.4	571.0	615.2	703.6	791.9
	80°	248.1	312.7	373.9	438.4	458.8	482.6	503.0	523.4	533.6	543.8
	82.5°	214.1	265.1	316.1	367.1	343.3	319.5	295.7	271.9	254.9	234.5
	85°	108.8	119.0	125.8	132.6	122.4	112.2	102.0	91.8	85.0	74.8
	87.5°	44.2	44.2	40.8	40.8	40.8	40.8	37.4	37.4	37.4	37.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA9C-740-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
197.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
254.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
265.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
275.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
288.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
302.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
329.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
363.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
418.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
533.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
723.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1006.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1362.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1702.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1933.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2107.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2280.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2620.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3300.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5030.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7705.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9700.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9921.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8952.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7654.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5981.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4520.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3337.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2362.2											
1757.2											
1278.0											
961.9											
540.4											
244.7											
71.4											
34.0											
0.0											
0.0											
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REPORT NUMBER: P1048883

CATALOG NUMBER: GALN-SA9C-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°	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1
0.0	2.5°	254.9	251.5	251.5	248.1	244.7	241.3	237.9	234.5	231.1	227.7
0.0	5°	265.1	265.1	265.1	261.7	261.7	258.3	258.3	254.9	251.5	248.1
0.0	7.5°	275.3	278.7	278.7	282.1	282.1	282.1	282.1	278.7	278.7	278.7
0.0	10°	292.3	295.7	299.1	302.5	305.9	309.3	309.3	312.7	312.7	312.7
0.0	12.5°	312.7	322.9	329.7	339.9	346.7	356.9	363.7	373.9	380.7	387.5
0.0	15°	343.3	360.3	380.7	397.7	414.7	438.4	465.6	489.4	513.2	550.6
0.0	17.5°	387.5	441.8	496.2	547.2	601.6	720.5	839.5	955.1	1074.0	1247.4
0.0	20°	472.4	635.6	795.3	958.5	1118.2	1536.3	1950.9	2369.0	2783.6	3228.9
0.0	22.5°	662.8	1063.8	1464.9	1865.9	2267.0	3140.5	4010.6	4884.1	5754.2	6777.2
0.0	25°	961.9	1699.4	2436.9	3171.1	3908.6	5274.9	6644.7	8011.0	9377.3	10706.2
0.0	27.5°	1400.3	2528.7	3657.1	4782.1	5910.5	7762.9	9618.6	11471.0	13323.3	14825.6
0.0	30°	1940.7	3470.2	4999.6	6529.1	8058.6	10165.8	12273.1	14376.9	16484.2	18125.8
0.0	32.5°	2450.5	4323.3	6196.0	8065.4	9938.1	12337.7	14740.6	17140.2	19539.7	21334.3
0.0	35°	2783.6	5047.2	7314.2	9577.8	11841.4	14438.1	17034.8	19628.1	22224.8	24274.3
0.0	37.5°	3116.7	5730.4	8340.7	10954.3	13564.6	16416.2	19267.8	22119.4	24971.0	27503.1
0.0	40°	3490.6	6556.3	9618.6	12684.3	15746.7	19125.1	22500.1	25878.5	29253.5	32825.7
0.0	42.5°	4139.7	7926.0	11715.7	15502.0	19288.2	23757.6	28227.1	32693.1	37162.5	42260.7
0.0	45°	5359.9	10696.0	16035.6	21371.7	26707.8	32628.5	38552.6	44473.4	50394.1	57178.1
0.0	47.5°	8347.5	15688.9	23026.9	30368.3	37706.3	44099.5	50489.3	56882.4	63272.2	70029.0
0.0	50°	12772.7	21317.3	29861.9	38403.1	46947.7	52732.5	58513.8	64298.6	70080.0	76507.1
0.0	52.5°	15974.4	24875.9	33780.7	42682.2	51583.7	56804.2	62028.2	67248.8	72469.3	78475.0
0.0	55°	16215.7	25066.2	33920.1	42770.6	51621.1	56865.4	62109.8	67354.1	72598.5	78964.4
0.0	57.5°	14356.6	23135.7	31911.4	40690.5	49466.2	55437.9	61406.2	67377.9	73346.2	80228.8
0.0	60°	12211.9	20994.4	29773.5	38556.0	47335.2	54214.3	61096.9	67976.1	74855.3	81302.8
0.0	62.5°	9526.9	18560.9	27598.3	36632.3	45666.3	52650.9	59635.4	66616.6	73601.1	78437.6
0.0	65°	7100.1	15872.4	24644.7	33413.7	42186.0	47780.4	53374.8	58965.9	64560.3	67554.7
0.0	67.5°	5132.2	12697.9	20260.3	27826.0	35388.4	39392.2	43395.9	47396.3	51400.1	53690.9
	70°	3470.2	8711.1	13948.7	19189.7	24427.2	27717.3	31010.7	34300.7	37590.8	40683.7
	72.5°	2403.0	5346.3	8293.1	11236.5	14179.8	17490.3	20797.3	24107.7	27414.8	30687.8
	75°	1594.0	2933.2	4275.7	5614.8	6954.0	9404.5	11858.4	14309.0	16759.5	18710.4
	77.5°	1131.8	1532.9	1937.3	2338.4	2739.4	3198.3	3660.5	4119.4	4578.2	5274.9
	80°	537.0	588.0	639.0	686.6	737.5	904.1	1070.6	1237.2	1403.7	1580.4
	82.5°	254.9	275.3	295.7	312.7	333.1	350.1	367.1	384.1	401.1	384.1
	85°	68.0	68.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	68.0
	87.5°	30.6	30.6	30.6	30.6	30.6	30.6	30.6	27.2	27.2	23.8
	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°
197.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
224.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
244.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
275.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
316.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
390.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
591.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1417.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3677.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7800.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12035.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16327.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19770.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23132.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26323.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30038.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36397.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47359.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63962.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76785.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82934.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84480.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85333.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87111.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87747.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83277.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70552.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55985.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43773.2											
33960.9											
20661.3											
5971.7											
1757.2											
363.7											
64.6											
23.8											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1
0.0	2.5°	220.9	217.5	214.1	210.7	207.3	200.5	200.5	197.1	197.1
0.0	5°	241.3	237.9	234.5	231.1	231.1	227.7	224.3	224.3	220.9
0.0	7.5°	275.3	271.9	268.5	265.1	265.1	261.7	261.7	258.3	258.3
0.0	10°	316.1	316.1	316.1	316.1	316.1	312.7	312.7	312.7	309.3
0.0	12.5°	397.7	401.1	407.9	414.7	424.9	424.9	424.9	421.5	421.5
0.0	15°	628.8	666.2	693.4	720.5	744.3	798.7	791.9	781.7	774.9
0.0	17.5°	1590.6	1760.6	1852.3	1940.7	2032.5	2284.0	2243.2	2202.4	2165.0
0.0	20°	4122.8	4568.0	4863.7	5159.4	5458.5	5930.9	5815.4	5699.8	5584.2
0.0	22.5°	8819.9	9842.9	10288.2	10733.4	11175.3	11746.3	11375.8	11005.3	10638.3
0.0	25°	13360.7	14689.6	15440.8	16191.9	16939.6	17265.9	16783.3	16297.3	15814.6
0.0	27.5°	17830.1	19332.4	19995.2	20654.5	21317.3	22000.5	21402.3	20800.7	20202.5
0.0	30°	21412.5	23054.1	23771.2	24485.0	25202.1	25678.0	25059.4	24437.4	23818.8
0.0	32.5°	24926.8	26721.4	27506.5	28291.7	29073.4	29756.5	28995.2	28230.5	27469.1
0.0	35°	28369.8	30419.3	31500.1	32580.9	33661.8	34297.3	33393.3	32485.8	31581.7
0.0	37.5°	32570.8	35102.9	36312.8	37522.8	38732.8	39891.8	38895.9	37896.7	36900.8
0.0	40°	39969.9	43542.1	45397.8	47257.0	49112.7	50608.2	49350.7	48093.1	46835.5
0.0	42.5°	52457.2	57555.4	60223.4	62888.1	65556.2	67891.1	66569.0	65246.9	63924.7
0.0	45°	70746.1	77530.1	80782.8	84032.1	87284.7	88990.9	87087.6	85180.9	83277.5
0.0	47.5°	83539.2	90296.1	93191.8	96087.6	98983.4	100930.9	98602.7	96274.6	93949.8
0.0	50°	89358.0	95785.1	98691.1	101593.7	104499.7	106046.1	103357.7	100665.8	97977.4
0.0	52.5°	90483.0	96488.7	99955.5	103425.6	106892.4	108958.9	105784.4	102606.5	99432.0
0.0	55°	91699.8	98065.7	102086.5	106110.7	110131.5	112993.3	109404.1	105811.6	102222.5
0.0	57.5°	93990.6	100873.1	104883.7	108890.9	112901.5	115331.7	111732.3	108129.6	104530.3
0.0	60°	94194.5	100638.6	104085.0	107534.8	110981.2	112510.7	109067.7	105621.3	102178.3
0.0	62.5°	88114.0	92950.5	95343.3	97736.0	100128.8	101790.8	98198.3	94602.3	91009.8
0.0	65°	73546.7	76541.1	78447.8	80354.6	82261.3	84242.8	80952.7	77662.7	74372.7
0.0	67.5°	58275.9	60566.7	63078.4	65590.1	68101.9	70219.3	67585.2	64947.8	62313.7
	70°	46866.1	49955.6	52780.0	55604.5	58428.9	60162.3	57518.0	54870.3	52226.0
	72.5°	37233.9	40507.0	42865.7	45221.1	47579.9	48004.7	46060.6	44116.5	42175.8
	75°	22608.9	24559.8	24607.4	24651.5	24699.1	25103.6	23492.5	21881.5	20273.9
	77.5°	6668.5	7365.2	7939.6	8510.6	9085.0	9778.4	9187.0	8592.2	8000.8
	80°	1930.5	2107.3	2256.8	2403.0	2552.5	2464.1	2324.8	2185.4	2046.1
	82.5°	346.7	326.3	322.9	319.5	319.5	302.5	275.3	248.1	220.9
	85°	61.2	57.8	54.4	51.0	47.6	44.2	37.4	34.0	27.2
	87.5°	20.4	17.0	13.6	10.2	10.2	3.4	3.4	3.4	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-SA9C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048883

CATALOG NUMBER: GALN-SA9C-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°	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1	197.1
0.0	0.0	2.5°	193.7	190.3	190.3	190.3	190.3	186.9	186.9	186.9	186.9
0.0	0.0	5°	214.1	214.1	210.7	210.7	207.3	207.3	203.9	203.9	200.5
0.0	0.0	7.5°	251.5	248.1	244.7	241.3	237.9	231.1	227.7	224.3	224.3
0.0	0.0	10°	302.5	295.7	292.3	285.5	282.1	275.3	268.5	261.7	254.9
0.0	0.0	12.5°	397.7	384.1	373.9	360.3	346.7	336.5	322.9	312.7	299.1
0.0	0.0	15°	690.0	656.0	618.6	574.4	526.8	482.6	435.0	407.9	377.3
0.0	0.0	17.5°	1764.0	1587.2	1407.1	1261.0	1114.8	972.1	825.9	720.5	615.2
0.0	0.0	20°	4489.8	4000.4	3511.0	3028.3	2542.3	2059.7	1573.6	1328.9	1084.2
0.0	0.0	22.5°	8449.4	7541.9	6631.1	5750.8	4867.1	3986.8	3106.5	2552.5	2001.9
0.0	0.0	25°	13041.2	11899.2	10757.2	9309.3	7858.0	6410.1	4962.3	4061.6	3160.9
0.0	0.0	27.5°	16970.2	15654.9	14339.6	12579.0	10818.4	9057.8	7297.2	5954.7	4615.6
0.0	0.0	30°	20372.4	18958.5	17544.6	15495.2	13445.7	11396.2	9346.7	7667.7	5988.7
0.0	0.0	32.5°	23322.6	21630.0	19937.4	17823.3	15709.3	13595.2	11481.2	9421.5	7361.8
0.0	0.0	35°	26724.8	24750.1	22772.0	20426.8	18078.2	15733.1	13387.9	11063.1	8734.9
0.0	0.0	37.5°	31048.1	28624.7	26198.0	23584.3	20970.6	18360.3	15746.7	13088.8	10430.9
0.0	0.0	40°	39324.2	36197.3	33070.4	29749.7	26425.7	23105.1	19784.4	16521.6	13258.7
0.0	0.0	42.5°	54153.2	49928.4	45703.7	41285.3	36863.4	32445.0	28023.1	23421.2	18815.8
0.0	0.0	45°	70888.9	65647.9	60403.6	55444.7	50482.5	45523.6	40564.7	34249.8	27934.8
0.0	0.0	47.5°	80300.2	74641.2	68982.2	64288.4	59594.7	54900.9	50207.2	43399.3	36591.5
0.0	0.0	50°	83763.6	78002.6	72241.6	67921.7	63598.4	59278.6	54955.3	48137.3	41315.9
0.0	0.0	52.5°	84501.1	78624.6	72748.0	68401.0	64053.9	59710.2	55363.1	48589.3	41815.5
0.0	0.0	55°	86017.0	79712.2	73404.0	68448.5	63493.1	58537.6	53582.2	46699.6	39817.0
0.0	0.0	57.5°	87998.5	81533.9	75069.4	69424.0	63778.6	58136.6	52491.1	44966.2	37441.2
0.0	0.0	60°	87478.4	81853.4	76225.0	70178.5	64128.7	58082.2	52032.3	43756.2	35476.7
0.0	0.0	62.5°	78451.2	73971.6	69488.6	64516.1	59540.3	54567.8	49595.4	41074.6	32553.8
0.0	0.0	65°	64539.9	61270.3	58000.6	54000.2	49996.4	45996.0	41995.6	34355.1	26718.0
0.0	0.0	67.5°	52307.6	48623.3	44935.6	41747.5	38556.0	35368.0	32176.5	26164.0	20151.5
		70°	41557.2	37550.0	33539.4	30426.1	27309.4	24196.1	21082.8	17085.8	13092.2
		72.5°	33002.4	29389.5	25776.5	22455.9	19131.9	15811.2	12487.2	10125.0	7762.9
		75°	15773.9	14329.4	12884.9	11148.1	9411.3	7674.5	5937.7	4907.9	3881.4
		77.5°	5845.9	5067.6	4285.9	3578.9	2872.0	2168.4	1461.5	1339.1	1216.8
		80°	1512.5	1318.7	1121.6	982.3	839.5	700.2	560.8	506.4	455.4
		82.5°	173.3	159.7	149.5	142.7	132.6	125.8	115.6	105.4	95.2
		85°	10.2	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA9C-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048883

CATALOG NUMBER: GALN-SA9C-740-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	197.1	197.1
0.0	0.0	2.5°	183.5	180.1
0.0	0.0	5°	193.7	190.3
0.0	0.0	7.5°	214.1	207.3
0.0	0.0	10°	234.5	227.7
0.0	0.0	12.5°	265.1	254.9
0.0	0.0	15°	299.1	278.7
0.0	0.0	17.5°	356.9	312.7
0.0	0.0	20°	482.6	370.5
0.0	0.0	22.5°	679.8	462.2
0.0	0.0	25°	999.2	639.0
0.0	0.0	27.5°	1390.1	849.7
0.0	0.0	30°	1849.0	1063.8
0.0	0.0	32.5°	2253.4	1267.8
0.0	0.0	35°	2780.2	1475.1
0.0	0.0	37.5°	3429.4	1740.2
0.0	0.0	40°	4435.4	2141.2
0.0	0.0	42.5°	6247.0	2882.2
0.0	0.0	45°	10145.4	4982.6
0.0	0.0	47.5°	15610.7	8242.1
0.0	0.0	50°	19097.9	10519.3
0.0	0.0	52.5°	19383.4	10502.3
0.0	0.0	55°	17694.2	9336.5
0.0	0.0	57.5°	15097.5	7803.7
0.0	0.0	60°	12548.4	6172.2
0.0	0.0	62.5°	9887.1	4262.1
0.0	0.0	65°	7225.9	3014.7
0.0	0.0	67.5°	5190.0	2253.4
		70°	3412.4	1726.6
		72.5°	2222.8	1407.1
		75°	1495.5	1165.8
		77.5°	873.5	774.9
		80°	309.3	271.9
		82.5°	57.8	40.8
		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: P1048883

CATALOG NUMBER: GALN-SA9C-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			

REPORT NUMBER: SP1-2407-184-1

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			

REPORT NUMBER: SP1-2407-184-1

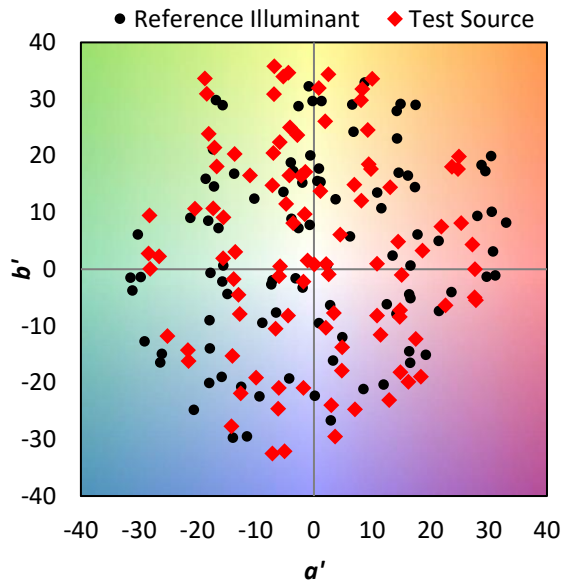
TM-30-18

Summary

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



Color Vector Graphics



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

CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)