

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: P1048874

Luminaire Tested: **GALN-SA7B-740-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048874
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7B-740-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 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: 28474.9 lumens
Efficiency: N/A
Efficacy: 114.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 249.5
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

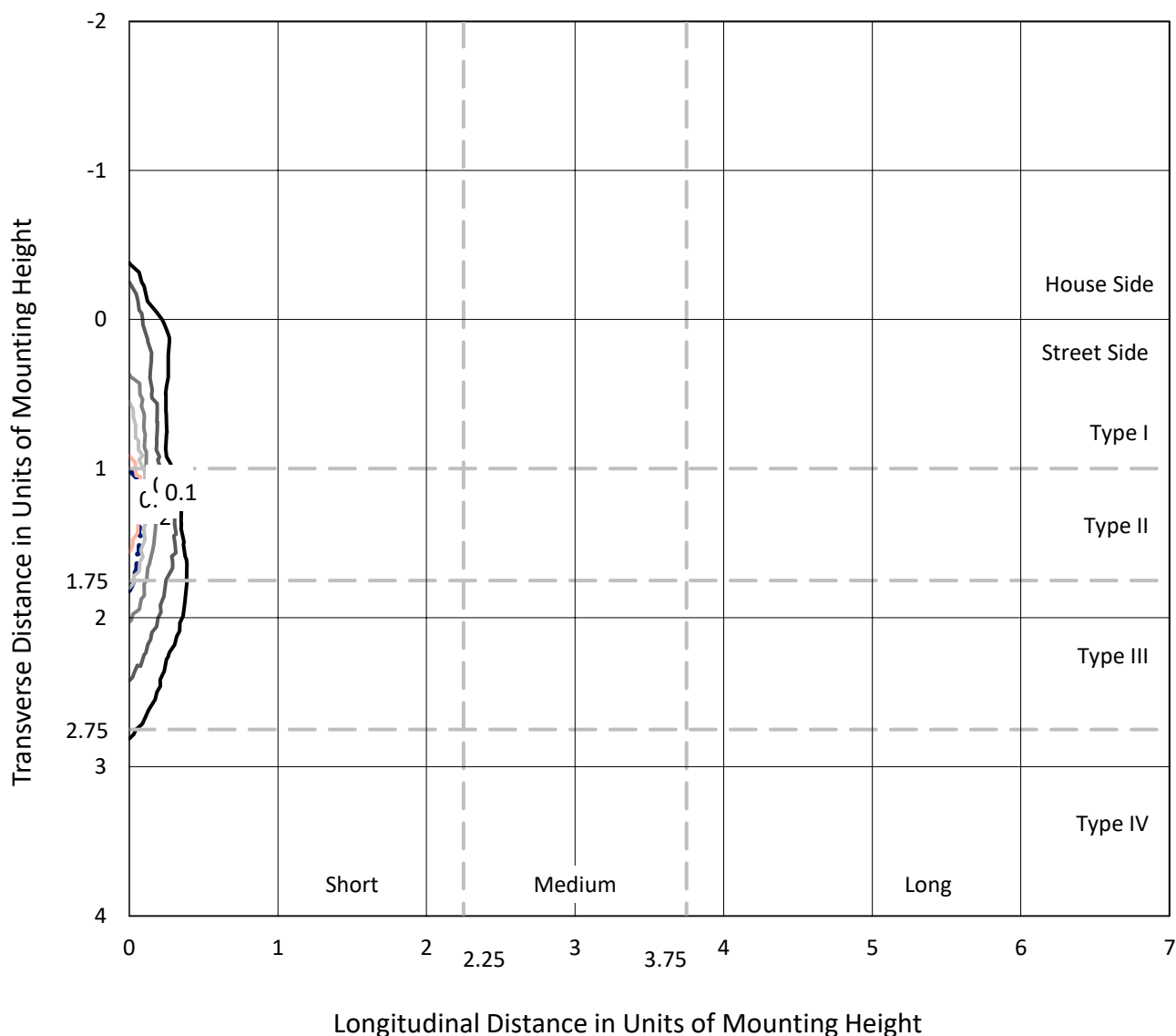
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



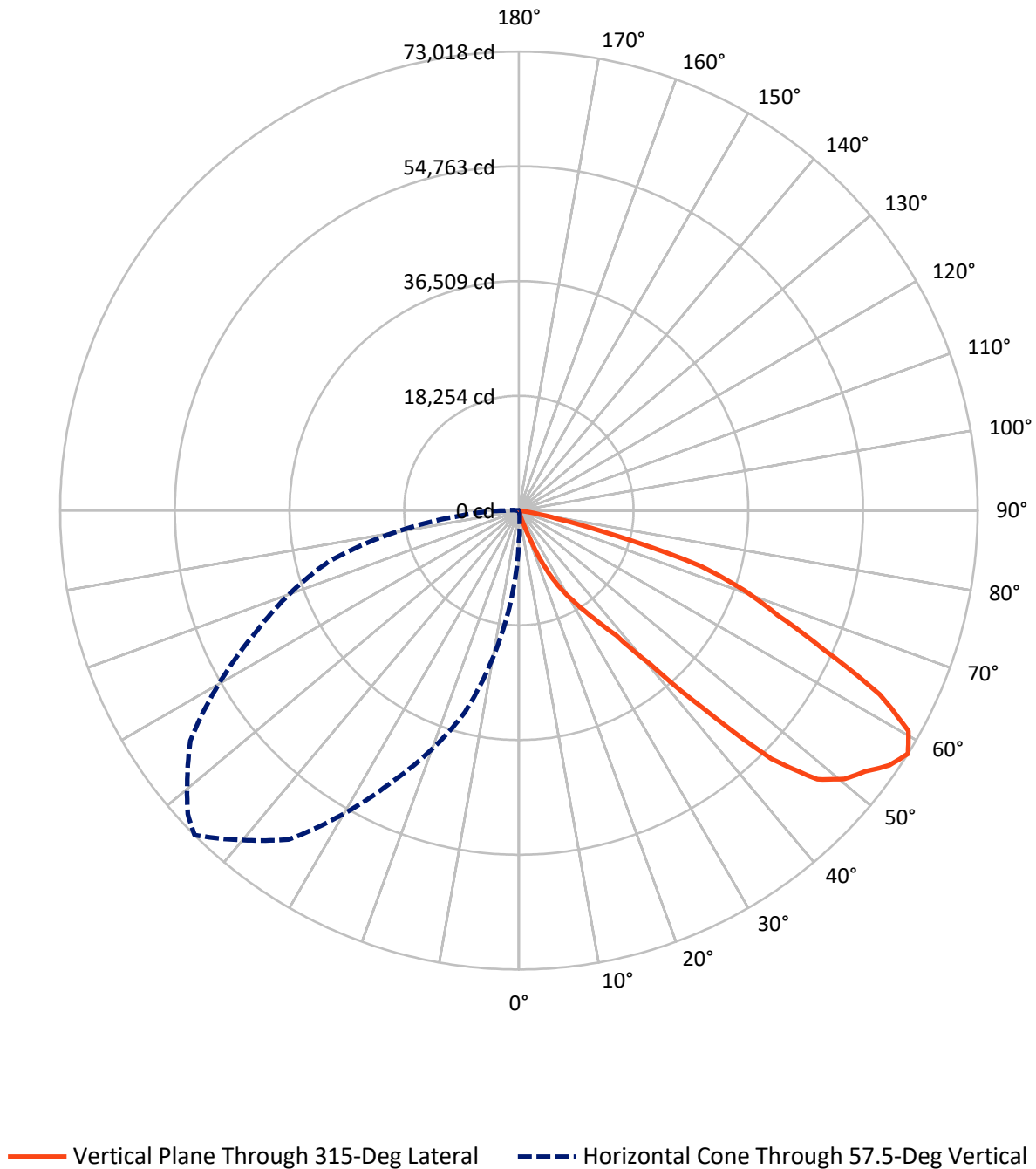
Based on 20 foot mounting height. Maximum calculated value = 4.2 fc

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	142.6	0.0	142.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	28332.3	0.0	28332.3
	% Fixture	99.5	0.0	99.5
Total	Lumens	28474.9	0.0	28474.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.2	0.0
10°-20°	62.6	0.2
20°-30°	674.8	2.4
30°-40°	1995.5	7.0
40°-50°	5947.3	20.9
50°-60°	9430.2	33.1
60°-70°	7872.0	27.6
70°-80°	2427.4	8.5
80°-90°	54.0	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°	28474.9	100.0
0°-180°	28474.9	100.0



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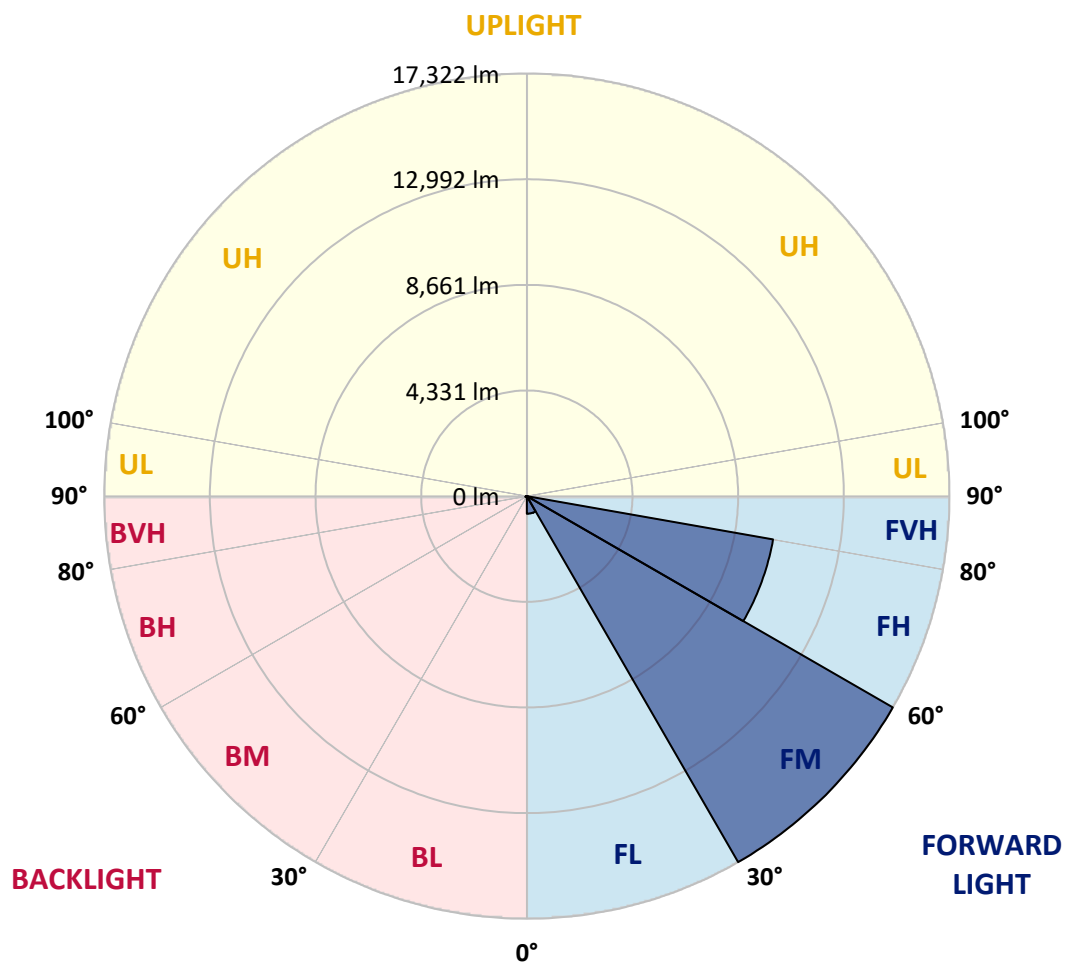
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	722.3	2.5			
FM	(30°-60°)	17322.1	60.8			
FH	(60°-80°)	10246.2	36.0			G4/12000
FVH	(80°-90°)	41.7	0.1			G1/100
BL	(0°-30°)	26.2	0.1	B0/110		
BM	(30°-60°)	51.0	0.2	B0/220		
BH	(60°-80°)	53.2	0.2	B0/110		G0/110
BVH	(80°-90°)	12.2	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-G4

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°	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8
2.5°	114.0	114.0	114.0	114.0	111.9	111.9	109.7	109.7	107.6	107.6
5°	120.5	120.5	118.4	116.2	116.2	114.0	111.9	109.7	109.7	107.6
7.5°	131.3	129.1	127.0	124.8	120.5	118.4	114.0	111.9	109.7	105.4
10°	144.2	139.9	135.6	131.3	127.0	122.7	118.4	116.2	111.9	109.7
12.5°	161.4	154.9	146.3	139.9	135.6	129.1	124.8	120.5	114.0	109.7
15°	176.4	167.8	157.1	148.5	142.0	133.4	127.0	120.5	116.2	109.7
17.5°	198.0	182.9	165.7	154.9	146.3	135.6	124.8	118.4	111.9	103.3
20°	234.5	204.4	172.1	159.2	146.3	133.4	120.5	111.9	105.4	96.8
22.5°	292.6	241.0	189.4	170.0	152.8	133.4	116.2	107.6	99.0	90.4
25°	404.5	312.0	219.5	193.7	167.8	142.0	116.2	105.4	96.8	86.1
27.5°	538.0	400.2	260.4	223.8	189.4	152.8	116.2	103.3	92.5	79.6
30°	673.5	490.6	305.6	258.2	210.9	163.5	116.2	101.1	88.2	73.2
32.5°	802.6	574.5	344.3	288.3	232.4	174.3	118.4	101.1	83.9	66.7
35°	933.9	643.4	350.7	292.6	234.5	174.3	116.2	96.8	79.6	60.3
37.5°	1101.7	720.9	337.8	279.7	223.8	165.7	109.7	92.5	75.3	55.9
40°	1355.6	850.0	344.3	284.0	223.8	163.5	103.3	86.1	71.0	53.8
42.5°	1824.7	1099.6	372.3	303.4	234.5	163.5	94.7	79.6	66.7	51.6
45°	3154.6	1826.9	499.2	395.9	292.6	189.4	86.1	73.2	62.4	49.5
47.5°	5218.2	3057.7	897.3	692.9	490.6	286.2	83.9	73.2	62.4	49.5
50°	6659.9	3894.8	1129.7	869.3	609.0	348.6	88.2	75.3	64.6	51.6
52.5°	6649.1	3955.1	1258.8	966.2	675.7	383.0	92.5	79.6	68.9	55.9
55°	5911.1	3597.9	1282.5	985.5	690.7	393.8	99.0	86.1	73.2	60.3
57.5°	4940.6	3055.6	1170.6	905.9	643.4	378.7	114.0	99.0	86.1	71.0
60°	3907.7	2410.0	912.4	720.9	531.5	340.0	150.6	131.3	114.0	94.7
62.5°	2698.4	1747.3	796.2	639.1	484.2	327.1	172.1	152.8	135.6	116.2
65°	1908.7	1314.8	718.7	585.3	454.0	320.6	187.2	165.7	146.3	124.8
67.5°	1426.7	1045.8	662.8	548.7	434.7	320.6	206.6	180.8	157.1	131.3
70°	1093.1	858.6	621.9	529.3	439.0	346.4	253.9	217.3	182.9	146.3
72.5°	890.9	733.8	574.5	507.8	441.1	374.4	307.7	260.4	213.0	163.5
75°	738.1	628.3	518.6	462.6	408.8	352.9	297.0	253.9	213.0	170.0
77.5°	490.6	447.6	402.4	370.1	337.8	303.4	271.1	234.5	200.1	163.5
80°	172.1	165.7	159.2	172.1	185.1	198.0	210.9	185.1	161.4	135.6
82.5°	25.8	23.7	21.5	23.7	25.8	28.0	30.1	32.3	34.4	36.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[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°	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8
0.0	2.5°	105.4	105.4	103.3	103.3	103.3	101.1	101.1	99.0	99.0	99.0
0.0	5°	103.3	103.3	101.1	99.0	96.8	96.8	94.7	92.5	92.5	90.4
0.0	7.5°	101.1	99.0	96.8	94.7	92.5	90.4	88.2	86.1	86.1	83.9
0.0	10°	103.3	99.0	96.8	92.5	90.4	88.2	83.9	81.8	79.6	79.6
0.0	12.5°	99.0	96.8	92.5	88.2	86.1	81.8	79.6	75.3	73.2	73.2
0.0	15°	99.0	94.7	88.2	83.9	79.6	77.5	73.2	68.9	66.7	64.6
0.0	17.5°	92.5	88.2	81.8	77.5	73.2	68.9	64.6	60.3	58.1	55.9
0.0	20°	83.9	79.6	73.2	66.7	62.4	58.1	53.8	49.5	47.3	45.2
0.0	22.5°	75.3	71.0	64.6	58.1	53.8	49.5	43.0	38.7	36.6	32.3
0.0	25°	71.0	64.6	58.1	51.6	45.2	40.9	34.4	28.0	23.7	19.4
0.0	27.5°	60.3	53.8	47.3	40.9	34.4	28.0	21.5	15.1	10.8	8.6
0.0	30°	51.6	45.2	38.7	32.3	23.7	17.2	10.8	2.2	2.2	2.2
0.0	32.5°	43.0	36.6	28.0	21.5	17.2	10.8	6.5	0.0	0.0	0.0
0.0	35°	34.4	28.0	19.4	12.9	10.8	6.5	4.3	0.0	0.0	0.0
0.0	37.5°	30.1	23.7	15.1	6.5	4.3	4.3	2.2	0.0	0.0	0.0
0.0	40°	28.0	19.4	10.8	2.2	2.2	2.2	0.0	0.0	0.0	0.0
0.0	42.5°	28.0	19.4	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	28.0	19.4	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	28.0	19.4	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	30.1	21.5	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	34.4	25.8	17.2	8.6	6.5	4.3	2.2	0.0	0.0	0.0
0.0	55°	43.0	38.7	32.3	28.0	21.5	15.1	6.5	0.0	0.0	0.0
0.0	57.5°	55.9	55.9	53.8	51.6	38.7	25.8	12.9	0.0	0.0	0.0
0.0	60°	75.3	75.3	75.3	75.3	55.9	38.7	19.4	0.0	0.0	0.0
0.0	62.5°	92.5	88.2	81.8	77.5	58.1	38.7	19.4	0.0	0.0	0.0
0.0	65°	92.5	83.9	73.2	62.4	47.3	32.3	15.1	0.0	0.0	0.0
0.0	67.5°	86.1	68.9	49.5	32.3	23.7	17.2	8.6	0.0	0.0	0.0
	70°	86.1	60.3	34.4	8.6	6.5	4.3	2.2	0.0	0.0	0.0
	72.5°	86.1	58.1	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	94.7	64.6	32.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	94.7	64.6	32.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	83.9	55.9	28.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	28.0	19.4	8.6	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°	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8
0.0	2.5°	96.8	96.8	96.8	94.7	94.7	94.7	94.7	92.5	92.5	92.5
0.0	5°	88.2	88.2	86.1	86.1	83.9	83.9	81.8	81.8	79.6	79.6
0.0	7.5°	81.8	79.6	79.6	77.5	75.3	75.3	73.2	73.2	71.0	68.9
0.0	10°	75.3	73.2	73.2	71.0	68.9	66.7	66.7	64.6	62.4	60.3
0.0	12.5°	68.9	66.7	64.6	62.4	60.3	58.1	58.1	55.9	53.8	51.6
0.0	15°	60.3	58.1	55.9	53.8	51.6	49.5	49.5	47.3	45.2	43.0
0.0	17.5°	51.6	49.5	49.5	47.3	45.2	43.0	40.9	36.6	34.4	32.3
0.0	20°	38.7	36.6	34.4	32.3	30.1	25.8	23.7	19.4	15.1	12.9
0.0	22.5°	25.8	21.5	19.4	15.1	10.8	8.6	6.5	2.2	0.0	0.0
0.0	25°	8.6	6.5	4.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048874

CATALOG NUMBER: GALN-SA7B-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048874

CATALOG NUMBER: GALN-SA7B-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°	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8
0.0	2.5°	90.4	90.4	90.4	88.2	88.2	88.2	88.2	88.2	88.2	88.2
0.0	5°	77.5	77.5	77.5	75.3	75.3	73.2	73.2	73.2	71.0	71.0
0.0	7.5°	66.7	64.6	64.6	62.4	62.4	60.3	60.3	60.3	58.1	58.1
0.0	10°	55.9	53.8	53.8	51.6	51.6	49.5	49.5	47.3	47.3	45.2
0.0	12.5°	49.5	47.3	45.2	43.0	43.0	40.9	38.7	38.7	36.6	34.4
0.0	15°	38.7	36.6	34.4	32.3	30.1	28.0	25.8	25.8	23.7	21.5
0.0	17.5°	25.8	21.5	19.4	17.2	17.2	15.1	12.9	10.8	8.6	6.5
0.0	20°	6.5	4.3	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P1048874

CATALOG NUMBER: GALN-SA7B-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048874

CATALOG NUMBER: GALN-SA7B-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°	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8
0.0	2.5°	88.2	86.1	86.1	86.1	88.2	88.2	88.2	88.2	88.2	88.2
0.0	5°	71.0	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
0.0	7.5°	58.1	55.9	55.9	55.9	55.9	53.8	53.8	53.8	53.8	53.8
0.0	10°	45.2	43.0	43.0	43.0	43.0	40.9	40.9	40.9	40.9	40.9
0.0	12.5°	32.3	32.3	30.1	30.1	30.1	28.0	28.0	28.0	28.0	25.8
0.0	15°	19.4	17.2	15.1	15.1	15.1	12.9	12.9	12.9	12.9	10.8
0.0	17.5°	4.3	4.3	2.2	2.2	2.2	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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-SA7B-740-U-RBC

[illegible]

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CATALOG NUMBER: GALN-SA7B-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°	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8
0.0	2.5°	90.4	90.4	92.5	92.5	94.7	99.0	101.1	103.3	107.6	111.9
0.0	5°	71.0	73.2	73.2	75.3	77.5	79.6	81.8	83.9	88.2	92.5
0.0	7.5°	55.9	55.9	58.1	58.1	60.3	64.6	66.7	68.9	73.2	79.6
0.0	10°	43.0	43.0	45.2	45.2	47.3	51.6	53.8	55.9	60.3	66.7
0.0	12.5°	28.0	30.1	30.1	32.3	34.4	38.7	40.9	43.0	47.3	51.6
0.0	15°	12.9	15.1	15.1	17.2	19.4	23.7	25.8	28.0	32.3	38.7
0.0	17.5°	2.2	2.2	4.3	4.3	6.5	8.6	10.8	12.9	19.4	23.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	8.6
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048874

CATALOG NUMBER: GALN-SA7B-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048874

CATALOG NUMBER: GALN-SA7B-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°	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8
0.0	2.5°	118.4	122.7	127.0	131.3	135.6	139.9	142.0	146.3	148.5	150.6
0.0	5°	101.1	105.4	111.9	116.2	120.5	124.8	129.1	131.3	133.4	135.6
0.0	7.5°	88.2	92.5	99.0	103.3	107.6	111.9	116.2	120.5	122.7	124.8
0.0	10°	75.3	81.8	86.1	92.5	96.8	101.1	105.4	109.7	114.0	116.2
0.0	12.5°	60.3	66.7	73.2	77.5	83.9	90.4	94.7	99.0	103.3	107.6
0.0	15°	47.3	53.8	60.3	64.6	71.0	77.5	83.9	88.2	92.5	96.8
0.0	17.5°	34.4	40.9	47.3	51.6	58.1	64.6	68.9	75.3	79.6	83.9
0.0	20°	17.2	23.7	30.1	36.6	43.0	49.5	53.8	60.3	64.6	68.9
0.0	22.5°	2.2	8.6	15.1	19.4	25.8	32.3	36.6	43.0	47.3	51.6
0.0	25°	0.0	2.2	6.5	8.6	10.8	15.1	19.4	23.7	28.0	32.3
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.2	4.3	8.6	12.9	17.2
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3
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	2.2
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2	4.3
	85°	0.0	0.0	0.0	0.0	0.0	4.3	6.5	10.8	12.9	15.1
	87.5°	0.0	2.2	4.3	6.5	8.6	12.9	17.2	21.5	23.7	25.8
	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: P1048874

CATALOG NUMBER: GALN-SA7B-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
124.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
2.2											
8.6											
19.4											
28.0											
0.0											
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REPORT NUMBER: P1048874

CATALOG NUMBER: GALN-SA7B-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°	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8
0.0	2.5°	152.8	152.8	152.8	152.8	150.6	150.6	150.6	148.5	148.5	146.3
0.0	5°	139.9	142.0	142.0	142.0	142.0	142.0	142.0	142.0	139.9	139.9
0.0	7.5°	129.1	131.3	133.4	133.4	135.6	135.6	135.6	133.4	133.4	131.3
0.0	10°	122.7	124.8	124.8	127.0	127.0	127.0	127.0	127.0	127.0	127.0
0.0	12.5°	114.0	116.2	118.4	118.4	120.5	120.5	120.5	120.5	118.4	118.4
0.0	15°	103.3	107.6	109.7	111.9	111.9	114.0	114.0	114.0	114.0	114.0
0.0	17.5°	94.7	99.0	101.1	103.3	103.3	105.4	105.4	107.6	107.6	107.6
0.0	20°	77.5	81.8	83.9	88.2	90.4	92.5	94.7	96.8	96.8	99.0
0.0	22.5°	60.3	64.6	66.7	71.0	73.2	75.3	77.5	79.6	81.8	83.9
0.0	25°	43.0	47.3	49.5	53.8	55.9	58.1	60.3	62.4	62.4	64.6
0.0	27.5°	23.7	28.0	32.3	34.4	38.7	40.9	43.0	45.2	47.3	49.5
0.0	30°	10.8	12.9	15.1	19.4	21.5	23.7	25.8	30.1	32.3	34.4
0.0	32.5°	0.0	0.0	2.2	6.5	8.6	10.8	12.9	15.1	15.1	17.2
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.2	4.3	6.5	8.6
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°	4.3	4.3	4.3	6.5	6.5	6.5	6.5	6.5	6.5	6.5
	82.5°	10.8	12.9	15.1	15.1	17.2	17.2	17.2	17.2	15.1	15.1
	85°	21.5	23.7	25.8	25.8	28.0	28.0	28.0	28.0	28.0	28.0
	87.5°	30.1	32.3	34.4	34.4	36.6	36.6	36.6	36.6	36.6	36.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048874

CATALOG NUMBER: GALN-SA7B-740-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
124.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
6.5											
15.1											
28.0											
36.6											
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REPORT NUMBER: P1048874

CATALOG NUMBER: GALN-SA7B-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°	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8
0.0	2.5°	144.2	144.2	142.0	142.0	142.0	142.0	142.0	144.2	146.3	146.3
0.0	5°	137.7	137.7	135.6	135.6	135.6	137.7	137.7	139.9	142.0	144.2
0.0	7.5°	131.3	129.1	129.1	131.3	131.3	133.4	133.4	135.6	137.7	139.9
0.0	10°	127.0	124.8	124.8	124.8	127.0	127.0	129.1	131.3	133.4	135.6
0.0	12.5°	118.4	118.4	118.4	118.4	120.5	120.5	122.7	124.8	129.1	131.3
0.0	15°	114.0	111.9	111.9	111.9	111.9	114.0	114.0	118.4	122.7	124.8
0.0	17.5°	105.4	105.4	103.3	103.3	105.4	105.4	107.6	111.9	116.2	118.4
0.0	20°	96.8	94.7	92.5	92.5	94.7	94.7	96.8	101.1	105.4	107.6
0.0	22.5°	83.9	81.8	81.8	81.8	81.8	83.9	83.9	88.2	94.7	99.0
0.0	25°	66.7	68.9	68.9	71.0	71.0	73.2	75.3	79.6	86.1	90.4
0.0	27.5°	51.6	53.8	53.8	58.1	60.3	62.4	64.6	71.0	77.5	81.8
0.0	30°	38.7	40.9	43.0	45.2	49.5	53.8	58.1	64.6	71.0	75.3
0.0	32.5°	23.7	28.0	30.1	34.4	38.7	43.0	47.3	53.8	62.4	68.9
0.0	35°	17.2	19.4	23.7	25.8	30.1	34.4	38.7	47.3	53.8	62.4
0.0	37.5°	8.6	12.9	17.2	21.5	25.8	30.1	34.4	43.0	51.6	58.1
0.0	40°	6.5	10.8	12.9	17.2	23.7	28.0	32.3	40.9	49.5	58.1
0.0	42.5°	4.3	6.5	8.6	15.1	19.4	25.8	32.3	40.9	49.5	58.1
0.0	45°	4.3	4.3	6.5	12.9	19.4	28.0	34.4	43.0	49.5	58.1
0.0	47.5°	4.3	6.5	8.6	17.2	21.5	28.0	34.4	40.9	49.5	55.9
0.0	50°	6.5	8.6	10.8	19.4	23.7	30.1	34.4	43.0	49.5	58.1
0.0	52.5°	4.3	6.5	8.6	17.2	23.7	32.3	38.7	47.3	55.9	62.4
0.0	55°	2.2	2.2	2.2	12.9	25.8	36.6	49.5	55.9	64.6	71.0
0.0	57.5°	0.0	0.0	0.0	8.6	25.8	40.9	55.9	64.6	73.2	79.6
0.0	60°	0.0	0.0	0.0	8.6	25.8	40.9	55.9	66.7	77.5	88.2
0.0	62.5°	0.0	0.0	0.0	8.6	21.5	34.4	47.3	64.6	83.9	101.1
0.0	65°	0.0	0.0	0.0	6.5	17.2	28.0	38.7	64.6	90.4	114.0
0.0	67.5°	0.0	0.0	0.0	6.5	17.2	25.8	36.6	64.6	90.4	118.4
	70°	0.0	0.0	0.0	6.5	17.2	28.0	38.7	64.6	90.4	116.2
	72.5°	0.0	0.0	0.0	6.5	19.4	30.1	43.0	64.6	86.1	107.6
	75°	0.0	0.0	0.0	8.6	19.4	32.3	45.2	64.6	83.9	101.1
	77.5°	0.0	0.0	0.0	6.5	19.4	30.1	43.0	62.4	81.8	99.0
	80°	6.5	4.3	4.3	10.8	19.4	28.0	36.6	55.9	77.5	96.8
	82.5°	12.9	12.9	10.8	15.1	19.4	25.8	32.3	49.5	68.9	86.1
	85°	25.8	25.8	23.7	25.8	25.8	28.0	30.1	38.7	47.3	55.9
	87.5°	34.4	34.4	32.3	32.3	32.3	30.1	30.1	30.1	30.1	28.0
	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-SA7B-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA7B-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°	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8
0.0	2.5°	150.6	152.8	152.8	154.9	157.1	159.2	159.2	161.4	161.4	161.4
0.0	5°	148.5	152.8	154.9	157.1	159.2	161.4	163.5	165.7	167.8	167.8
0.0	7.5°	146.3	148.5	152.8	154.9	159.2	161.4	165.7	167.8	170.0	172.1
0.0	10°	142.0	146.3	150.6	154.9	159.2	163.5	167.8	172.1	176.4	178.6
0.0	12.5°	137.7	144.2	148.5	152.8	159.2	165.7	170.0	176.4	180.8	185.1
0.0	15°	135.6	139.9	146.3	150.6	159.2	167.8	174.3	182.9	191.5	198.0
0.0	17.5°	129.1	137.7	144.2	150.6	159.2	170.0	178.6	187.2	200.1	213.0
0.0	20°	120.5	127.0	135.6	142.0	154.9	165.7	178.6	189.4	208.7	228.1
0.0	22.5°	111.9	120.5	127.0	135.6	150.6	163.5	178.6	191.5	223.8	253.9
0.0	25°	103.3	114.0	122.7	131.3	148.5	165.7	182.9	200.1	253.9	307.7
0.0	27.5°	99.0	107.6	118.4	127.0	148.5	172.1	193.7	215.2	301.3	385.2
0.0	30°	92.5	103.3	111.9	122.7	150.6	178.6	206.6	234.5	365.8	497.1
0.0	32.5°	86.1	96.8	107.6	118.4	154.9	191.5	225.9	262.5	434.7	604.7
0.0	35°	79.6	92.5	103.3	114.0	161.4	210.9	258.2	305.6	497.1	686.4
0.0	37.5°	77.5	90.4	101.1	111.9	163.5	213.0	264.7	314.2	503.5	692.9
0.0	40°	79.6	90.4	103.3	114.0	157.1	200.1	241.0	284.0	482.0	677.8
0.0	42.5°	79.6	92.5	105.4	118.4	152.8	187.2	221.6	256.1	475.6	695.0
0.0	45°	77.5	90.4	103.3	116.2	148.5	178.6	210.9	241.0	514.3	785.4
0.0	47.5°	75.3	88.2	101.1	114.0	146.3	178.6	210.9	243.2	664.9	1084.5
0.0	50°	75.3	88.2	99.0	109.7	148.5	189.4	228.1	266.8	968.3	1667.7
0.0	52.5°	79.6	90.4	99.0	107.6	152.8	200.1	245.3	290.5	1230.8	2169.0
0.0	55°	86.1	92.5	101.1	107.6	163.5	217.3	273.3	327.1	1310.5	2293.8
0.0	57.5°	94.7	101.1	107.6	114.0	182.9	251.8	318.5	387.3	1316.9	2244.4
0.0	60°	105.4	114.0	120.5	127.0	200.1	275.4	348.6	421.8	1192.1	1960.3
0.0	62.5°	129.1	139.9	148.5	159.2	230.2	299.1	370.1	439.0	989.8	1540.7
0.0	65°	148.5	157.1	165.7	174.3	243.2	314.2	383.0	451.9	839.2	1226.5
0.0	67.5°	152.8	161.4	167.8	176.4	247.5	318.5	387.3	458.3	718.7	976.9
	70°	154.9	165.7	178.6	189.4	262.5	335.7	406.7	479.9	636.9	794.0
	72.5°	148.5	170.0	189.4	208.7	277.6	344.3	413.2	479.9	591.8	703.6
	75°	148.5	178.6	206.6	234.5	286.2	335.7	387.3	436.8	522.9	609.0
	77.5°	157.1	195.8	234.5	273.3	303.4	331.4	361.5	389.5	445.4	501.4
	80°	157.1	198.0	236.7	277.6	290.5	305.6	318.5	331.4	337.8	344.3
	82.5°	135.6	167.8	200.1	232.4	217.3	202.3	187.2	172.1	161.4	148.5
	85°	68.9	75.3	79.6	83.9	77.5	71.0	64.6	58.1	53.8	47.3
	87.5°	28.0	28.0	25.8	25.8	25.8	25.8	23.7	23.7	23.7	23.7
	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: P1048874

CATALOG NUMBER: GALN-SA7B-740-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
124.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
264.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
337.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
458.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
636.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
862.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1078.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1224.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1334.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1443.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1659.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2089.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3184.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4878.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6141.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6281.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5667.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4845.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3787.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2861.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2113.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1495.5											
1112.5											
809.1											
609.0											
342.1											
154.9											
45.2											
21.5											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1048874

CATALOG NUMBER: GALN-SA7B-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°	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8
0.0	2.5°	161.4	159.2	159.2	157.1	154.9	152.8	150.6	148.5	146.3	144.2
0.0	5°	167.8	167.8	167.8	165.7	165.7	163.5	163.5	161.4	159.2	157.1
0.0	7.5°	174.3	176.4	176.4	178.6	178.6	178.6	178.6	176.4	176.4	176.4
0.0	10°	185.1	187.2	189.4	191.5	193.7	195.8	195.8	198.0	198.0	198.0
0.0	12.5°	198.0	204.4	208.7	215.2	219.5	225.9	230.2	236.7	241.0	245.3
0.0	15°	217.3	228.1	241.0	251.8	262.5	277.6	294.8	309.9	324.9	348.6
0.0	17.5°	245.3	279.7	314.2	346.4	380.9	456.2	531.5	604.7	680.0	789.7
0.0	20°	299.1	402.4	503.5	606.8	708.0	972.6	1235.1	1499.8	1762.3	2044.2
0.0	22.5°	419.6	673.5	927.4	1181.4	1435.3	1988.3	2539.2	3092.2	3643.0	4290.7
0.0	25°	609.0	1075.9	1542.9	2007.7	2474.6	3339.6	4206.8	5071.9	5936.9	6778.2
0.0	27.5°	886.6	1601.0	2315.4	3027.6	3742.0	4914.8	6089.7	7262.4	8435.2	9386.3
0.0	30°	1228.7	2197.0	3165.3	4133.7	5102.0	6436.1	7770.2	9102.2	10436.4	11475.7
0.0	32.5°	1551.5	2737.1	3922.8	5106.3	6291.9	7811.1	9332.5	10851.7	12370.8	13507.0
0.0	35°	1762.3	3195.5	4630.7	6063.8	7497.0	9141.0	10784.9	12426.8	14070.8	15368.3
0.0	37.5°	1973.2	3628.0	5280.6	6935.3	8587.9	10393.3	12198.7	14004.1	15809.5	17412.6
0.0	40°	2209.9	4150.9	6089.7	8030.6	9969.4	12108.3	14245.1	16384.0	18520.8	20782.3
0.0	42.5°	2620.9	5018.1	7417.3	9814.5	12211.6	15041.3	17870.9	20698.4	23528.1	26755.8
0.0	45°	3393.4	6771.8	10152.3	13530.7	16909.0	20657.5	24408.2	28156.6	31905.1	36200.2
0.0	47.5°	5284.9	9932.8	14578.6	19226.6	23872.3	27919.9	31965.4	36012.9	40058.4	44336.2
0.0	50°	8086.6	13496.2	18905.9	24313.5	29723.2	33385.6	37045.8	40708.2	44368.5	48437.6
0.0	52.5°	10113.6	15749.2	21387.0	27022.6	32658.2	35963.5	39270.8	42576.0	45881.2	49683.5
0.0	55°	10266.4	15869.7	21475.2	27078.6	32681.9	36002.2	39322.4	42642.7	45963.0	49993.3
0.0	57.5°	9089.3	14647.5	20203.5	25761.6	31317.7	35098.4	38877.0	42657.8	46436.4	50793.8
0.0	60°	7731.5	13291.8	18850.0	24410.3	29968.5	34323.8	38681.2	43036.5	47391.8	51473.8
0.0	62.5°	6031.6	11751.1	17472.8	23192.4	28911.9	33333.9	37755.9	42175.8	46597.8	49659.8
0.0	65°	4495.2	10049.0	15602.9	21154.6	26708.5	30250.4	33792.3	37332.0	40873.9	42769.7
0.0	67.5°	3249.3	8039.2	12827.0	17617.0	22404.8	24939.7	27474.5	30007.2	32542.0	33992.4
	70°	2197.0	5515.1	8831.1	12149.2	15465.2	17548.1	19633.3	21716.2	23799.2	25757.3
	72.5°	1521.3	3384.8	5250.5	7113.9	8977.4	11073.3	13167.0	15262.9	17356.6	19428.8
	75°	1009.2	1857.0	2707.0	3554.8	4402.6	5954.1	7507.7	9059.2	10610.6	11845.8
	77.5°	716.6	970.5	1226.5	1480.5	1734.4	2024.9	2317.5	2608.0	2898.5	3339.6
	80°	340.0	372.3	404.5	434.7	466.9	572.4	677.8	783.3	888.7	1000.6
	82.5°	161.4	174.3	187.2	198.0	210.9	221.6	232.4	243.2	253.9	243.2
	85°	43.0	43.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	43.0
	87.5°	19.4	19.4	19.4	19.4	19.4	19.4	19.4	17.2	17.2	15.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048874

CATALOG NUMBER: GALN-SA7B-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
124.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
247.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
374.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
897.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2328.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4938.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7619.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10337.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12517.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14645.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16665.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19017.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23043.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29983.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40495.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48614.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52506.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53485.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54025.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55151.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55553.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52724.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44667.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35444.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27713.4											
21501.0											
13080.9											
3780.8											
1112.5											
230.2											
40.9											
15.1											
0.0											
0.0											
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REPORT NUMBER: P1048874

CATALOG NUMBER: GALN-SA7B-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8
0.0	2.5°	139.9	137.7	135.6	133.4	131.3	127.0	127.0	124.8	124.8
0.0	5°	152.8	150.6	148.5	146.3	146.3	144.2	142.0	142.0	139.9
0.0	7.5°	174.3	172.1	170.0	167.8	167.8	165.7	165.7	163.5	163.5
0.0	10°	200.1	200.1	200.1	200.1	200.1	198.0	198.0	198.0	195.8
0.0	12.5°	251.8	253.9	258.2	262.5	269.0	269.0	269.0	266.8	266.8
0.0	15°	398.1	421.8	439.0	456.2	471.2	505.7	501.4	494.9	490.6
0.0	17.5°	1007.1	1114.6	1172.7	1228.7	1286.8	1446.0	1420.2	1394.4	1370.7
0.0	20°	2610.2	2892.1	3079.3	3266.5	3455.8	3754.9	3681.8	3608.6	3535.4
0.0	22.5°	5584.0	6231.7	6513.6	6795.5	7075.2	7436.7	7202.2	6967.6	6735.2
0.0	25°	8458.8	9300.2	9775.7	10251.3	10724.7	10931.3	10625.7	10318.0	10012.4
0.0	27.5°	11288.5	12239.6	12659.2	13076.6	13496.2	13928.8	13550.0	13169.2	12790.4
0.0	30°	13556.5	14595.8	15049.9	15501.7	15955.8	16257.0	15865.4	15471.6	15080.0
0.0	32.5°	15781.5	16917.6	17414.7	17911.8	18406.7	18839.2	18357.2	17873.1	17391.0
0.0	35°	17961.3	19258.8	19943.1	20627.4	21311.7	21714.1	21141.7	20567.1	19994.8
0.0	37.5°	20620.9	22224.0	22990.1	23756.1	24522.2	25256.0	24625.5	23992.8	23362.4
0.0	40°	25305.5	27567.0	28741.9	29919.0	31093.9	32040.7	31244.5	30448.3	29652.1
0.0	42.5°	33211.3	36439.0	38128.2	39815.2	41504.4	42982.7	42145.6	41308.6	40471.5
0.0	45°	44790.2	49085.3	51144.6	53201.7	55261.0	56341.2	55136.2	53929.0	52724.0
0.0	47.5°	52889.7	57167.5	59000.9	60834.2	62667.6	63900.6	62426.6	60952.6	59480.7
0.0	50°	56573.6	60642.7	62482.5	64320.2	66160.0	67139.1	65437.0	63732.8	62030.7
0.0	52.5°	57285.9	61088.2	63283.0	65480.0	67674.9	68983.2	66973.4	64961.4	62951.6
0.0	55°	58056.2	62086.6	64632.2	67180.0	69725.6	71537.4	69265.1	66990.6	64718.3
0.0	57.5°	59506.6	63864.0	66403.2	68940.2	71479.3	73017.9	70739.1	68458.2	66179.4
0.0	60°	59635.7	63715.5	65897.5	68081.6	70263.5	71231.9	69052.1	66870.1	64690.3
0.0	62.5°	55786.1	58848.1	60363.0	61877.9	63392.8	64445.0	62170.5	59893.9	57619.4
0.0	65°	46563.3	48459.1	49666.3	50873.4	52080.6	53335.1	51252.2	49169.2	47086.2
0.0	67.5°	36895.2	38345.5	39935.7	41525.9	43116.1	44456.7	42789.0	41119.2	39451.6
	70°	29671.5	31627.5	33415.7	35203.9	36992.0	38089.5	36415.3	34739.1	33064.9
	72.5°	23573.2	25645.5	27138.8	28630.0	30123.4	30392.4	29161.5	27930.7	26702.0
	75°	14313.9	15549.1	15579.2	15607.2	15637.3	15893.4	14873.4	13853.4	12835.6
	77.5°	4221.9	4663.0	5026.7	5388.2	5751.8	6190.8	5816.4	5439.8	5065.4
	80°	1222.2	1334.1	1428.8	1521.3	1616.0	1560.1	1471.8	1383.6	1295.4
	82.5°	219.5	206.6	204.4	202.3	202.3	191.5	174.3	157.1	139.9
	85°	38.7	36.6	34.4	32.3	30.1	28.0	23.7	21.5	17.2
	87.5°	12.9	10.8	8.6	6.5	6.5	2.2	2.2	2.2	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

325°	327.5°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
124.8	124.8	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.7	122.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.7	137.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.4	159.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
195.8	193.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
264.7	258.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
484.2	460.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1344.9	1230.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3462.3	3152.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6500.7	5926.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9704.7	8981.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12411.7	11579.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14688.4	13793.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16909.0	15837.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19422.4	18172.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22729.7	21193.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28856.0	26876.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39634.5	36959.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51519.0	48200.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58006.7	54424.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60328.6	56681.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60939.7	57219.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62443.8	58452.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63900.6	59807.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62510.5	58947.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55342.8	52506.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45003.3	42933.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37783.9	35451.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31388.7	28849.5										
25471.2	23183.8										
11815.7	10901.1										
4691.0	4196.1										
1207.2	1082.4										
122.7	116.2										
12.9	10.8										
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										
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										

REPORT NUMBER: P1048874

CATALOG NUMBER: GALN-SA7B-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°	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8	124.8
0.0	0.0	2.5°	122.7	120.5	120.5	120.5	120.5	118.4	118.4	118.4	118.4
0.0	0.0	5°	135.6	135.6	133.4	133.4	131.3	131.3	129.1	129.1	127.0
0.0	0.0	7.5°	159.2	157.1	154.9	152.8	150.6	146.3	144.2	142.0	142.0
0.0	0.0	10°	191.5	187.2	185.1	180.8	178.6	174.3	170.0	165.7	161.4
0.0	0.0	12.5°	251.8	243.2	236.7	228.1	219.5	213.0	204.4	198.0	189.4
0.0	0.0	15°	436.8	415.3	391.6	363.7	333.5	305.6	275.4	258.2	238.9
0.0	0.0	17.5°	1116.8	1004.9	890.9	798.3	705.8	615.4	522.9	456.2	389.5
0.0	0.0	20°	2842.6	2532.7	2222.8	1917.3	1609.6	1304.0	996.3	841.4	686.4
0.0	0.0	22.5°	5349.4	4774.9	4198.2	3640.9	3081.4	2524.1	1966.8	1616.0	1267.4
0.0	0.0	25°	8256.6	7533.5	6810.5	5893.8	4975.0	4058.3	3141.7	2571.4	2001.2
0.0	0.0	27.5°	10744.1	9911.3	9078.5	7963.9	6849.3	5734.6	4620.0	3770.0	2922.2
0.0	0.0	30°	12898.0	12002.9	11107.7	9810.2	8512.6	7215.1	5917.5	4854.5	3791.5
0.0	0.0	32.5°	14765.8	13694.2	12622.6	11284.2	9945.7	8607.3	7268.9	5964.9	4660.9
0.0	0.0	35°	16919.8	15669.6	14417.2	12932.5	11445.6	9960.8	8476.0	7004.2	5530.2
0.0	0.0	37.5°	19656.9	18122.7	16586.3	14931.5	13276.8	11624.2	9969.4	8286.7	6604.0
0.0	0.0	40°	24896.6	22916.9	20937.3	18834.9	16730.4	14628.1	12525.8	10460.0	8394.3
0.0	0.0	42.5°	34285.0	31610.3	28935.6	26138.2	23338.7	20541.3	17741.8	14828.2	11912.5
0.0	0.0	45°	44880.6	41562.5	38242.2	35102.7	31961.1	28821.5	25682.0	21683.9	17685.8
0.0	0.0	47.5°	50839.0	47256.2	43673.4	40701.8	37730.1	34758.4	31786.8	27476.7	23166.5
0.0	0.0	50°	53031.7	49384.4	45737.0	43002.1	40264.9	37530.0	34792.9	30476.3	26157.6
0.0	0.0	52.5°	53498.7	49778.2	46057.7	43305.5	40553.3	37803.3	35051.1	30762.5	26473.9
0.0	0.0	55°	54458.4	50466.8	46473.0	43335.6	40198.2	37060.9	33923.5	29566.1	25208.6
0.0	0.0	57.5°	55712.9	51620.1	47527.4	43953.2	40379.0	36807.0	33232.8	28468.6	23704.5
0.0	0.0	60°	55383.7	51822.4	48259.0	44430.9	40600.6	36772.5	32942.3	27702.6	22460.7
0.0	0.0	62.5°	49668.4	46832.3	43994.1	40845.9	37695.7	34547.6	31399.4	26004.8	20610.2
0.0	0.0	65°	40861.0	38790.9	36720.9	34188.2	31653.3	29120.6	26587.9	21750.6	16915.5
0.0	0.0	67.5°	33116.6	30784.0	28449.3	26430.9	24410.3	22391.9	20371.3	16564.7	12758.2
		70°	26310.4	23773.4	21234.2	19263.1	17289.9	15318.8	13347.8	10817.2	8288.8
		72.5°	20894.2	18606.8	16319.4	14217.1	12112.6	10010.3	7905.8	6410.3	4914.8
		75°	9986.6	9072.1	8157.6	7058.0	5958.4	4858.8	3759.2	3107.2	2457.4
		77.5°	3701.1	3208.4	2713.5	2265.9	1818.3	1372.9	925.3	847.8	770.4
		80°	957.6	834.9	710.1	621.9	531.5	443.3	355.1	320.6	288.3
		82.5°	109.7	101.1	94.7	90.4	83.9	79.6	73.2	66.7	60.3
		85°	6.5	4.3	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



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CATALOG NUMBER: GALN-SA7B-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048874

CATALOG NUMBER: GALN-SA7B-740-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	124.8	124.8
0.0	0.0	2.5°	116.2	114.0
0.0	0.0	5°	122.7	120.5
0.0	0.0	7.5°	135.6	131.3
0.0	0.0	10°	148.5	144.2
0.0	0.0	12.5°	167.8	161.4
0.0	0.0	15°	189.4	176.4
0.0	0.0	17.5°	225.9	198.0
0.0	0.0	20°	305.6	234.5
0.0	0.0	22.5°	430.4	292.6
0.0	0.0	25°	632.6	404.5
0.0	0.0	27.5°	880.1	538.0
0.0	0.0	30°	1170.6	673.5
0.0	0.0	32.5°	1426.7	802.6
0.0	0.0	35°	1760.2	933.9
0.0	0.0	37.5°	2171.2	1101.7
0.0	0.0	40°	2808.1	1355.6
0.0	0.0	42.5°	3955.1	1824.7
0.0	0.0	45°	6423.2	3154.6
0.0	0.0	47.5°	9883.3	5218.2
0.0	0.0	50°	12091.1	6659.9
0.0	0.0	52.5°	12271.9	6649.1
0.0	0.0	55°	11202.4	5911.1
0.0	0.0	57.5°	9558.4	4940.6
0.0	0.0	60°	7944.5	3907.7
0.0	0.0	62.5°	6259.7	2698.4
0.0	0.0	65°	4574.8	1908.7
0.0	0.0	67.5°	3285.8	1426.7
		70°	2160.4	1093.1
		72.5°	1407.3	890.9
		75°	946.8	738.1
		77.5°	553.0	490.6
		80°	195.8	172.1
		82.5°	36.6	25.8
		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: P1048874

CATALOG NUMBER: GALN-SA7B-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

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 ^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

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 [^] /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

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)