

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: P1049306

Luminaire Tested: **GALN-SA7B-927-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049306
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7B-927-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE
90CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (98) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 17799.7 lumens
Efficiency: N/A
Efficacy: 71.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

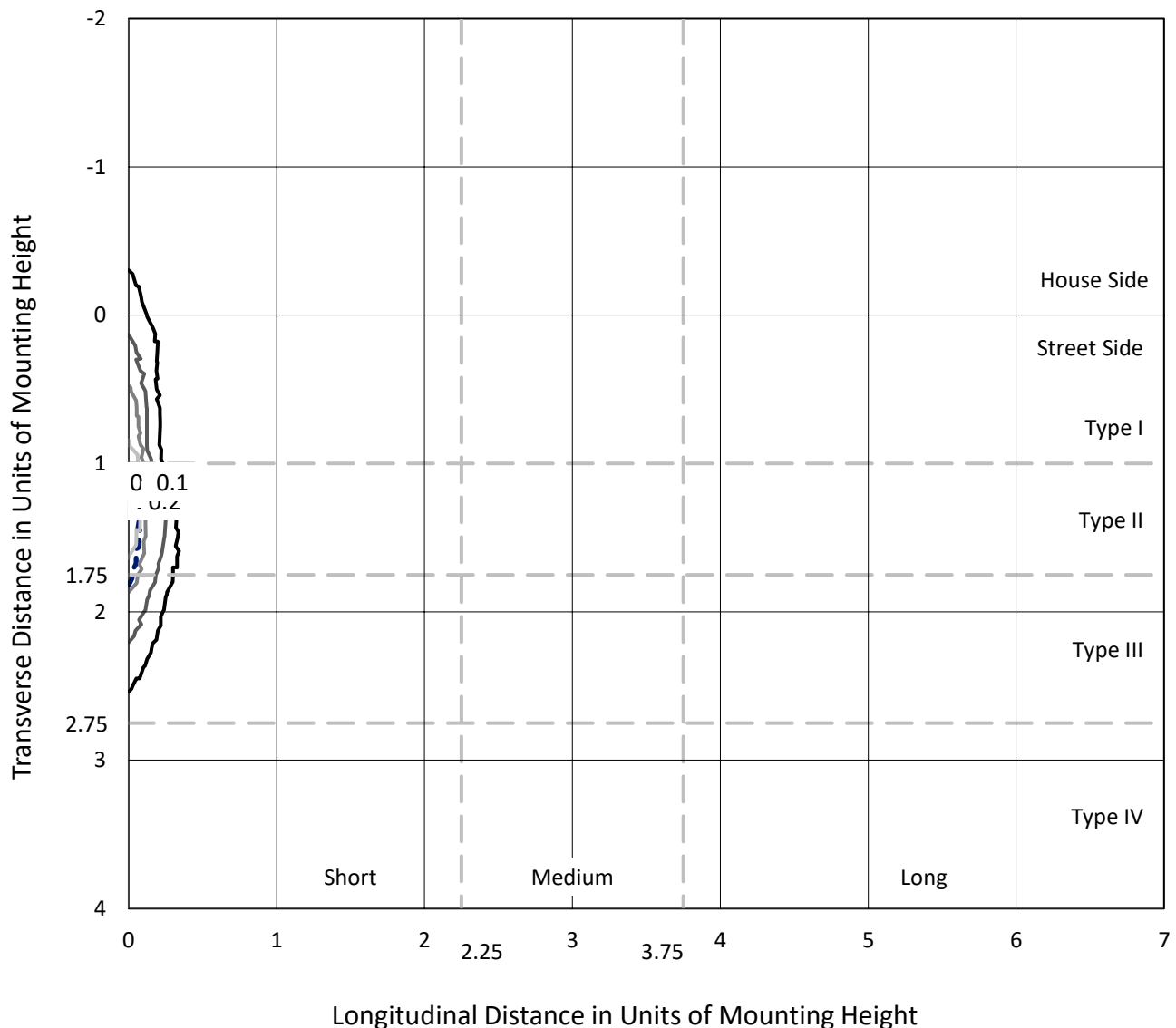
Input Watts (W): 249.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

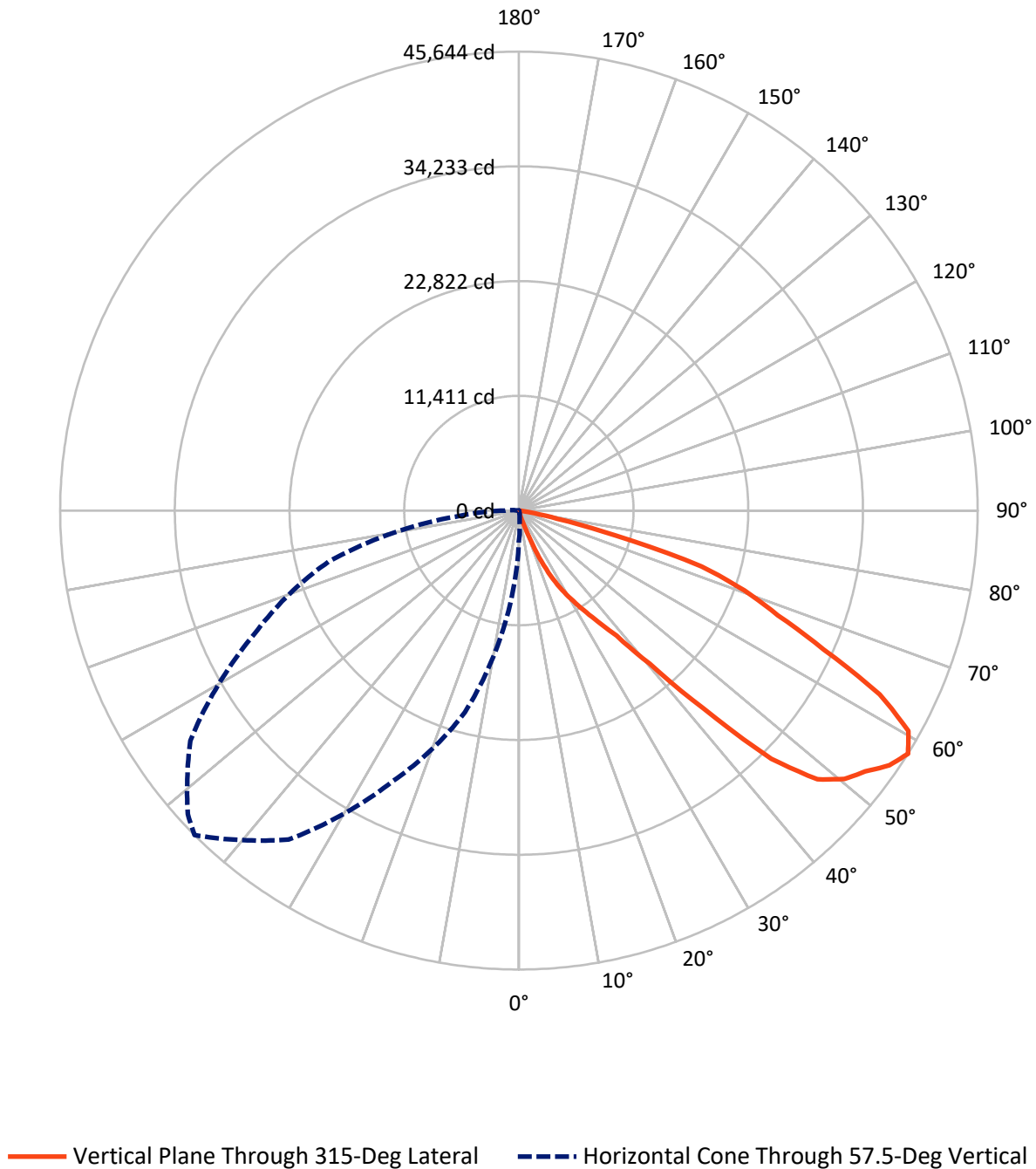
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.6 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	89.1	0.0	89.1
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	17710.5	0.0	17710.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	17799.7	0.0	17799.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.0	0.0
10°-20°	39.1	0.2
20°-30°	421.8	2.4
30°-40°	1247.4	7.0
40°-50°	3717.6	20.9
50°-60°	5894.8	33.1
60°-70°	4920.8	27.6
70°-80°	1517.4	8.5
80°-90°	33.7	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°	17799.7	100.0
0°-180°	17799.7	100.0

Coefficient of Utilization



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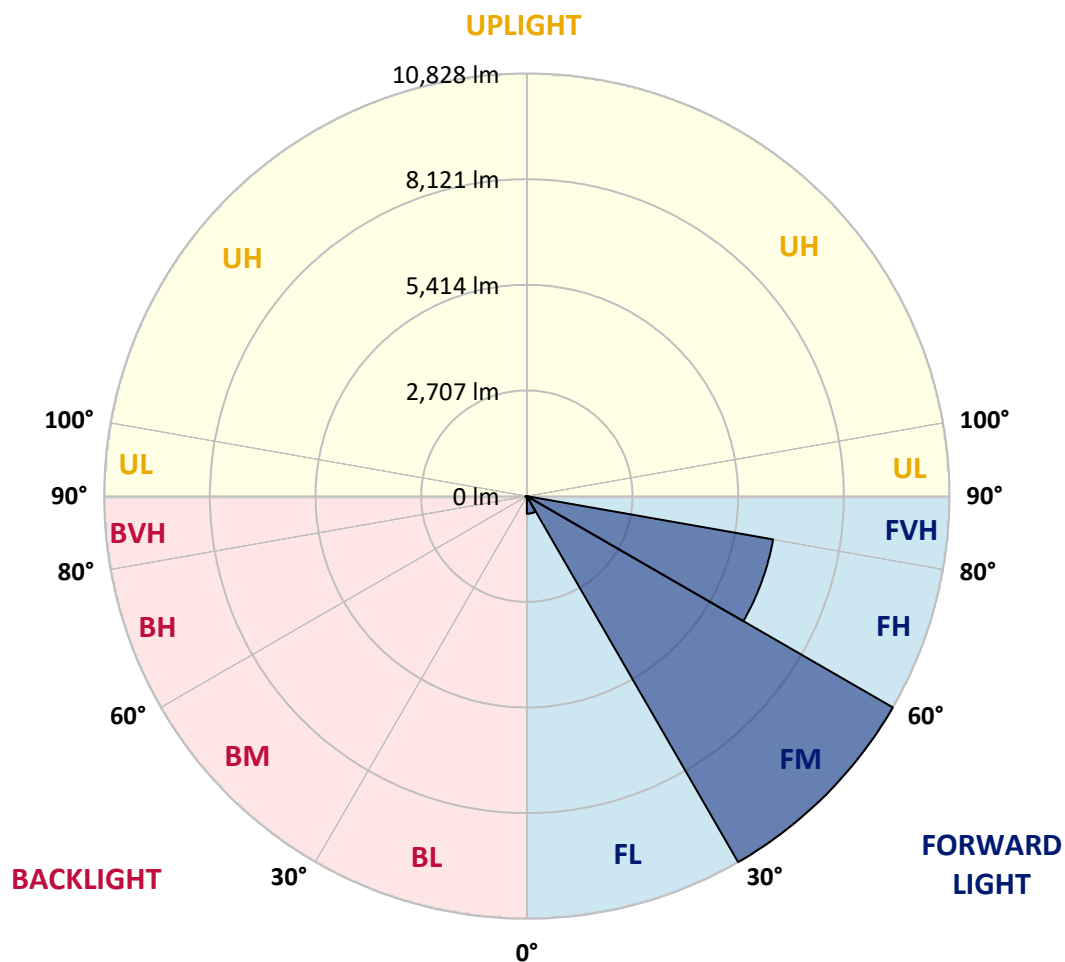
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	451.5	2.5			
FM	(30°-60°)	10828.0	60.8			
FH	(60°-80°)	6404.9	36.0			G3/7500
FVH	(80°-90°)	26.1	0.1			G1/100
BL	(0°-30°)	16.4	0.1	B0/110		
BM	(30°-60°)	31.9	0.2	B0/220		
BH	(60°-80°)	33.2	0.2	B0/110		G0/110
BVH	(80°-90°)	7.7	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
2.5°	71.3	71.3	71.3	71.3	69.9	69.9	68.6	68.6	67.3	67.3
5°	75.3	75.3	74.0	72.6	72.6	71.3	69.9	68.6	68.6	67.3
7.5°	82.1	80.7	79.4	78.0	75.3	74.0	71.3	69.9	68.6	65.9
10°	90.1	87.4	84.7	82.1	79.4	76.7	74.0	72.6	69.9	68.6
12.5°	100.9	96.8	91.5	87.4	84.7	80.7	78.0	75.3	71.3	68.6
15°	110.3	104.9	98.2	92.8	88.8	83.4	79.4	75.3	72.6	68.6
17.5°	123.7	114.3	103.6	96.8	91.5	84.7	78.0	74.0	69.9	64.6
20°	146.6	127.8	107.6	99.5	91.5	83.4	75.3	69.9	65.9	60.5
22.5°	182.9	150.7	118.4	106.3	95.5	83.4	72.6	67.3	61.9	56.5
25°	252.9	195.0	137.2	121.1	104.9	88.8	72.6	65.9	60.5	53.8
27.5°	336.3	250.2	162.8	139.9	118.4	95.5	72.6	64.6	57.8	49.8
30°	421.0	306.7	191.0	161.4	131.8	102.2	72.6	63.2	55.1	45.7
32.5°	501.7	359.1	215.2	180.2	145.3	109.0	74.0	63.2	52.5	41.7
35°	583.8	402.2	219.3	182.9	146.6	109.0	72.6	60.5	49.8	37.7
37.5°	688.7	450.6	211.2	174.9	139.9	103.6	68.6	57.8	47.1	35.0
40°	847.4	531.3	215.2	177.6	139.9	102.2	64.6	53.8	44.4	33.6
42.5°	1140.6	687.3	232.7	189.7	146.6	102.2	59.2	49.8	41.7	32.3
45°	1971.9	1142.0	312.1	247.5	182.9	118.4	53.8	45.7	39.0	30.9
47.5°	3261.9	1911.4	560.9	433.1	306.7	178.9	52.5	45.7	39.0	30.9
50°	4163.1	2434.6	706.2	543.4	380.7	217.9	55.1	47.1	40.4	32.3
52.5°	4156.4	2472.3	786.9	604.0	422.4	239.4	57.8	49.8	43.0	35.0
55°	3695.0	2249.0	801.7	616.1	431.8	246.2	61.9	53.8	45.7	37.7
57.5°	3088.4	1910.1	731.7	566.3	402.2	236.7	71.3	61.9	53.8	44.4
60°	2442.7	1506.5	570.3	450.6	332.2	212.5	94.2	82.1	71.3	59.2
62.5°	1686.8	1092.2	497.7	399.5	302.6	204.5	107.6	95.5	84.7	72.6
65°	1193.1	821.9	449.3	365.9	283.8	200.4	117.0	103.6	91.5	78.0
67.5°	891.8	653.7	414.3	343.0	271.7	200.4	129.1	113.0	98.2	82.1
70°	683.3	536.7	388.7	330.9	274.4	216.6	158.7	135.9	114.3	91.5
72.5°	556.9	458.7	359.1	317.4	275.7	234.0	192.4	162.8	133.2	102.2
75°	461.4	392.8	324.2	289.2	255.6	220.6	185.6	158.7	133.2	106.3
77.5°	306.7	279.8	251.5	231.4	211.2	189.7	169.5	146.6	125.1	102.2
80°	107.6	103.6	99.5	107.6	115.7	123.7	131.8	115.7	100.9	84.7
82.5°	16.1	14.8	13.5	14.8	16.1	17.5	18.8	20.2	21.5	22.9
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°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	65.9	65.9	64.6	64.6	64.6	63.2	63.2	61.9	61.9	61.9
0.0	5°	64.6	64.6	63.2	61.9	60.5	60.5	59.2	57.8	57.8	56.5
0.0	7.5°	63.2	61.9	60.5	59.2	57.8	56.5	55.1	53.8	53.8	52.5
0.0	10°	64.6	61.9	60.5	57.8	56.5	55.1	52.5	51.1	49.8	49.8
0.0	12.5°	61.9	60.5	57.8	55.1	53.8	51.1	49.8	47.1	45.7	45.7
0.0	15°	61.9	59.2	55.1	52.5	49.8	48.4	45.7	43.0	41.7	40.4
0.0	17.5°	57.8	55.1	51.1	48.4	45.7	43.0	40.4	37.7	36.3	35.0
0.0	20°	52.5	49.8	45.7	41.7	39.0	36.3	33.6	30.9	29.6	28.2
0.0	22.5°	47.1	44.4	40.4	36.3	33.6	30.9	26.9	24.2	22.9	20.2
0.0	25°	44.4	40.4	36.3	32.3	28.2	25.6	21.5	17.5	14.8	12.1
0.0	27.5°	37.7	33.6	29.6	25.6	21.5	17.5	13.5	9.4	6.7	5.4
0.0	30°	32.3	28.2	24.2	20.2	14.8	10.8	6.7	1.3	1.3	1.3
0.0	32.5°	26.9	22.9	17.5	13.5	10.8	6.7	4.0	0.0	0.0	0.0
0.0	35°	21.5	17.5	12.1	8.1	6.7	4.0	2.7	0.0	0.0	0.0
0.0	37.5°	18.8	14.8	9.4	4.0	2.7	2.7	1.3	0.0	0.0	0.0
0.0	40°	17.5	12.1	6.7	1.3	1.3	1.3	0.0	0.0	0.0	0.0
0.0	42.5°	17.5	12.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	17.5	12.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	17.5	12.1	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	18.8	13.5	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	21.5	16.1	10.8	5.4	4.0	2.7	1.3	0.0	0.0	0.0
0.0	55°	26.9	24.2	20.2	17.5	13.5	9.4	4.0	0.0	0.0	0.0
0.0	57.5°	35.0	35.0	33.6	32.3	24.2	16.1	8.1	0.0	0.0	0.0
0.0	60°	47.1	47.1	47.1	47.1	35.0	24.2	12.1	0.0	0.0	0.0
0.0	62.5°	57.8	55.1	51.1	48.4	36.3	24.2	12.1	0.0	0.0	0.0
0.0	65°	57.8	52.5	45.7	39.0	29.6	20.2	9.4	0.0	0.0	0.0
0.0	67.5°	53.8	43.0	30.9	20.2	14.8	10.8	5.4	0.0	0.0	0.0
	70°	53.8	37.7	21.5	5.4	4.0	2.7	1.3	0.0	0.0	0.0
	72.5°	53.8	36.3	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	59.2	40.4	20.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	59.2	40.4	20.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	52.5	35.0	17.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	17.5	12.1	5.4	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):

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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°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	60.5	60.5	60.5	59.2	59.2	59.2	59.2	57.8	57.8	57.8
0.0	5°	55.1	55.1	53.8	53.8	52.5	52.5	51.1	51.1	49.8	49.8
0.0	7.5°	51.1	49.8	49.8	48.4	47.1	47.1	45.7	45.7	44.4	43.0
0.0	10°	47.1	45.7	45.7	44.4	43.0	41.7	41.7	40.4	39.0	37.7
0.0	12.5°	43.0	41.7	40.4	39.0	37.7	36.3	36.3	35.0	33.6	32.3
0.0	15°	37.7	36.3	35.0	33.6	32.3	30.9	30.9	29.6	28.2	26.9
0.0	17.5°	32.3	30.9	30.9	29.6	28.2	26.9	25.6	22.9	21.5	20.2
0.0	20°	24.2	22.9	21.5	20.2	18.8	16.1	14.8	12.1	9.4	8.1
0.0	22.5°	16.1	13.5	12.1	9.4	6.7	5.4	4.0	1.3	0.0	0.0
0.0	25°	5.4	4.0	2.7	1.3	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



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CATALOG NUMBER: GALN-SA7B-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049306

CATALOG NUMBER: GALN-SA7B-927-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	56.5	56.5	56.5	55.1	55.1	55.1	55.1	55.1	55.1	55.1
0.0	5°	48.4	48.4	48.4	47.1	47.1	45.7	45.7	45.7	44.4	44.4
0.0	7.5°	41.7	40.4	40.4	39.0	39.0	37.7	37.7	37.7	36.3	36.3
0.0	10°	35.0	33.6	33.6	32.3	32.3	30.9	30.9	29.6	29.6	28.2
0.0	12.5°	30.9	29.6	28.2	26.9	26.9	25.6	24.2	24.2	22.9	21.5
0.0	15°	24.2	22.9	21.5	20.2	18.8	17.5	16.1	16.1	14.8	13.5
0.0	17.5°	16.1	13.5	12.1	10.8	10.8	9.4	8.1	6.7	5.4	4.0
0.0	20°	4.0	2.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA7B-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049306

CATALOG NUMBER: GALN-SA7B-927-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°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	55.1	53.8	53.8	53.8	55.1	55.1	55.1	55.1	55.1	55.1
0.0	5°	44.4	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
0.0	7.5°	36.3	35.0	35.0	35.0	35.0	33.6	33.6	33.6	33.6	33.6
0.0	10°	28.2	26.9	26.9	26.9	26.9	25.6	25.6	25.6	25.6	25.6
0.0	12.5°	20.2	20.2	18.8	18.8	18.8	17.5	17.5	17.5	17.5	16.1
0.0	15°	12.1	10.8	9.4	9.4	9.4	8.1	8.1	8.1	8.1	6.7
0.0	17.5°	2.7	2.7	1.3	1.3	1.3	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



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049306

CATALOG NUMBER: GALN-SA7B-927-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	56.5	56.5	57.8	57.8	59.2	61.9	63.2	64.6	67.3	69.9
0.0	5°	44.4	45.7	45.7	47.1	48.4	49.8	51.1	52.5	55.1	57.8
0.0	7.5°	35.0	35.0	36.3	36.3	37.7	40.4	41.7	43.0	45.7	49.8
0.0	10°	26.9	26.9	28.2	28.2	29.6	32.3	33.6	35.0	37.7	41.7
0.0	12.5°	17.5	18.8	18.8	20.2	21.5	24.2	25.6	26.9	29.6	32.3
0.0	15°	8.1	9.4	9.4	10.8	12.1	14.8	16.1	17.5	20.2	24.2
0.0	17.5°	1.3	1.3	2.7	2.7	4.0	5.4	6.7	8.1	12.1	14.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	5.4
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
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



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CANDELA DISTRIBUTION (continued):

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CATALOG NUMBER: GALN-SA7B-927-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°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	74.0	76.7	79.4	82.1	84.7	87.4	88.8	91.5	92.8	94.2
0.0	5°	63.2	65.9	69.9	72.6	75.3	78.0	80.7	82.1	83.4	84.7
0.0	7.5°	55.1	57.8	61.9	64.6	67.3	69.9	72.6	75.3	76.7	78.0
0.0	10°	47.1	51.1	53.8	57.8	60.5	63.2	65.9	68.6	71.3	72.6
0.0	12.5°	37.7	41.7	45.7	48.4	52.5	56.5	59.2	61.9	64.6	67.3
0.0	15°	29.6	33.6	37.7	40.4	44.4	48.4	52.5	55.1	57.8	60.5
0.0	17.5°	21.5	25.6	29.6	32.3	36.3	40.4	43.0	47.1	49.8	52.5
0.0	20°	10.8	14.8	18.8	22.9	26.9	30.9	33.6	37.7	40.4	43.0
0.0	22.5°	1.3	5.4	9.4	12.1	16.1	20.2	22.9	26.9	29.6	32.3
0.0	25°	0.0	1.3	4.0	5.4	6.7	9.4	12.1	14.8	17.5	20.2
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.3	2.7	5.4	8.1	10.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.3	2.7
	85°	0.0	0.0	0.0	0.0	0.0	2.7	4.0	6.7	8.1	9.4
	87.5°	0.0	1.3	2.7	4.0	5.4	8.1	10.8	13.5	14.8	16.1
	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: P1049306

CATALOG NUMBER: GALN-SA7B-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
78.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.3											
5.4											
12.1											
17.5											
0.0											
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REPORT NUMBER: P1049306

CATALOG NUMBER: GALN-SA7B-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	95.5	95.5	95.5	95.5	94.2	94.2	94.2	92.8	92.8	91.5
0.0	5°	87.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	87.4	87.4
0.0	7.5°	80.7	82.1	83.4	83.4	84.7	84.7	84.7	83.4	83.4	82.1
0.0	10°	76.7	78.0	78.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4
0.0	12.5°	71.3	72.6	74.0	74.0	75.3	75.3	75.3	75.3	74.0	74.0
0.0	15°	64.6	67.3	68.6	69.9	69.9	71.3	71.3	71.3	71.3	71.3
0.0	17.5°	59.2	61.9	63.2	64.6	64.6	65.9	65.9	67.3	67.3	67.3
0.0	20°	48.4	51.1	52.5	55.1	56.5	57.8	59.2	60.5	60.5	61.9
0.0	22.5°	37.7	40.4	41.7	44.4	45.7	47.1	48.4	49.8	51.1	52.5
0.0	25°	26.9	29.6	30.9	33.6	35.0	36.3	37.7	39.0	39.0	40.4
0.0	27.5°	14.8	17.5	20.2	21.5	24.2	25.6	26.9	28.2	29.6	30.9
0.0	30°	6.7	8.1	9.4	12.1	13.5	14.8	16.1	18.8	20.2	21.5
0.0	32.5°	0.0	0.0	1.3	4.0	5.4	6.7	8.1	9.4	9.4	10.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.7	4.0	5.4
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	2.7	2.7	2.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0
	82.5°	6.7	8.1	9.4	9.4	10.8	10.8	10.8	10.8	9.4	9.4
	85°	13.5	14.8	16.1	16.1	17.5	17.5	17.5	17.5	17.5	17.5
	87.5°	18.8	20.2	21.5	21.5	22.9	22.9	22.9	22.9	22.9	22.9
	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: P1049306

CATALOG NUMBER: GALN-SA7B-927-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
78.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
4.0											
9.4											
17.5											
22.9											
0.0											
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REPORT NUMBER: P1049306

CATALOG NUMBER: GALN-SA7B-927-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°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	90.1	90.1	88.8	88.8	88.8	88.8	88.8	90.1	91.5	91.5
0.0	5°	86.1	86.1	84.7	84.7	84.7	86.1	86.1	87.4	88.8	90.1
0.0	7.5°	82.1	80.7	80.7	82.1	82.1	83.4	83.4	84.7	86.1	87.4
0.0	10°	79.4	78.0	78.0	78.0	79.4	79.4	80.7	82.1	83.4	84.7
0.0	12.5°	74.0	74.0	74.0	74.0	75.3	75.3	76.7	78.0	80.7	82.1
0.0	15°	71.3	69.9	69.9	69.9	69.9	71.3	71.3	74.0	76.7	78.0
0.0	17.5°	65.9	65.9	64.6	64.6	65.9	65.9	67.3	69.9	72.6	74.0
0.0	20°	60.5	59.2	57.8	57.8	59.2	59.2	60.5	63.2	65.9	67.3
0.0	22.5°	52.5	51.1	51.1	51.1	51.1	52.5	52.5	55.1	59.2	61.9
0.0	25°	41.7	43.0	43.0	44.4	44.4	45.7	47.1	49.8	53.8	56.5
0.0	27.5°	32.3	33.6	33.6	36.3	37.7	39.0	40.4	44.4	48.4	51.1
0.0	30°	24.2	25.6	26.9	28.2	30.9	33.6	36.3	40.4	44.4	47.1
0.0	32.5°	14.8	17.5	18.8	21.5	24.2	26.9	29.6	33.6	39.0	43.0
0.0	35°	10.8	12.1	14.8	16.1	18.8	21.5	24.2	29.6	33.6	39.0
0.0	37.5°	5.4	8.1	10.8	13.5	16.1	18.8	21.5	26.9	32.3	36.3
0.0	40°	4.0	6.7	8.1	10.8	14.8	17.5	20.2	25.6	30.9	36.3
0.0	42.5°	2.7	4.0	5.4	9.4	12.1	16.1	20.2	25.6	30.9	36.3
0.0	45°	2.7	2.7	4.0	8.1	12.1	17.5	21.5	26.9	30.9	36.3
0.0	47.5°	2.7	4.0	5.4	10.8	13.5	17.5	21.5	25.6	30.9	35.0
0.0	50°	4.0	5.4	6.7	12.1	14.8	18.8	21.5	26.9	30.9	36.3
0.0	52.5°	2.7	4.0	5.4	10.8	14.8	20.2	24.2	29.6	35.0	39.0
0.0	55°	1.3	1.3	1.3	8.1	16.1	22.9	30.9	35.0	40.4	44.4
0.0	57.5°	0.0	0.0	0.0	5.4	16.1	25.6	35.0	40.4	45.7	49.8
0.0	60°	0.0	0.0	0.0	5.4	16.1	25.6	35.0	41.7	48.4	55.1
0.0	62.5°	0.0	0.0	0.0	5.4	13.5	21.5	29.6	40.4	52.5	63.2
0.0	65°	0.0	0.0	0.0	4.0	10.8	17.5	24.2	40.4	56.5	71.3
0.0	67.5°	0.0	0.0	0.0	4.0	10.8	16.1	22.9	40.4	56.5	74.0
	70°	0.0	0.0	0.0	4.0	10.8	17.5	24.2	40.4	56.5	72.6
	72.5°	0.0	0.0	0.0	4.0	12.1	18.8	26.9	40.4	53.8	67.3
	75°	0.0	0.0	0.0	5.4	12.1	20.2	28.2	40.4	52.5	63.2
	77.5°	0.0	0.0	0.0	4.0	12.1	18.8	26.9	39.0	51.1	61.9
	80°	4.0	2.7	2.7	6.7	12.1	17.5	22.9	35.0	48.4	60.5
	82.5°	8.1	8.1	6.7	9.4	12.1	16.1	20.2	30.9	43.0	53.8
	85°	16.1	16.1	14.8	16.1	16.1	17.5	18.8	24.2	29.6	35.0
	87.5°	21.5	21.5	20.2	20.2	20.2	18.8	18.8	18.8	18.8	17.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049306

CATALOG NUMBER: GALN-SA7B-927-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
78.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.8											
80.7											
75.3											
74.0											
72.6											
64.6											
40.4											
17.5											
0.0											
0.0											
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REPORT NUMBER: P1049306

CATALOG NUMBER: GALN-SA7B-927-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	94.2	95.5	95.5	96.8	98.2	99.5	99.5	100.9	100.9	100.9
0.0	5°	92.8	95.5	96.8	98.2	99.5	100.9	102.2	103.6	104.9	104.9
0.0	7.5°	91.5	92.8	95.5	96.8	99.5	100.9	103.6	104.9	106.3	107.6
0.0	10°	88.8	91.5	94.2	96.8	99.5	102.2	104.9	107.6	110.3	111.6
0.0	12.5°	86.1	90.1	92.8	95.5	99.5	103.6	106.3	110.3	113.0	115.7
0.0	15°	84.7	87.4	91.5	94.2	99.5	104.9	109.0	114.3	119.7	123.7
0.0	17.5°	80.7	86.1	90.1	94.2	99.5	106.3	111.6	117.0	125.1	133.2
0.0	20°	75.3	79.4	84.7	88.8	96.8	103.6	111.6	118.4	130.5	142.6
0.0	22.5°	69.9	75.3	79.4	84.7	94.2	102.2	111.6	119.7	139.9	158.7
0.0	25°	64.6	71.3	76.7	82.1	92.8	103.6	114.3	125.1	158.7	192.4
0.0	27.5°	61.9	67.3	74.0	79.4	92.8	107.6	121.1	134.5	188.3	240.8
0.0	30°	57.8	64.6	69.9	76.7	94.2	111.6	129.1	146.6	228.7	310.7
0.0	32.5°	53.8	60.5	67.3	74.0	96.8	119.7	141.2	164.1	271.7	378.0
0.0	35°	49.8	57.8	64.6	71.3	100.9	131.8	161.4	191.0	310.7	429.1
0.0	37.5°	48.4	56.5	63.2	69.9	102.2	133.2	165.4	196.4	314.8	433.1
0.0	40°	49.8	56.5	64.6	71.3	98.2	125.1	150.7	177.6	301.3	423.7
0.0	42.5°	49.8	57.8	65.9	74.0	95.5	117.0	138.5	160.1	297.3	434.5
0.0	45°	48.4	56.5	64.6	72.6	92.8	111.6	131.8	150.7	321.5	491.0
0.0	47.5°	47.1	55.1	63.2	71.3	91.5	111.6	131.8	152.0	415.6	677.9
0.0	50°	47.1	55.1	61.9	68.6	92.8	118.4	142.6	166.8	605.3	1042.5
0.0	52.5°	49.8	56.5	61.9	67.3	95.5	125.1	153.3	181.6	769.4	1355.9
0.0	55°	53.8	57.8	63.2	67.3	102.2	135.9	170.8	204.5	819.2	1433.9
0.0	57.5°	59.2	63.2	67.3	71.3	114.3	157.4	199.1	242.1	823.2	1402.9
0.0	60°	65.9	71.3	75.3	79.4	125.1	172.2	217.9	263.6	745.2	1225.4
0.0	62.5°	80.7	87.4	92.8	99.5	143.9	187.0	231.4	274.4	618.7	963.1
0.0	65°	92.8	98.2	103.6	109.0	152.0	196.4	239.4	282.5	524.6	766.7
0.0	67.5°	95.5	100.9	104.9	110.3	154.7	199.1	242.1	286.5	449.3	610.7
	70°	96.8	103.6	111.6	118.4	164.1	209.8	254.2	300.0	398.2	496.3
	72.5°	92.8	106.3	118.4	130.5	173.5	215.2	258.3	300.0	369.9	439.8
	75°	92.8	111.6	129.1	146.6	178.9	209.8	242.1	273.1	326.9	380.7
	77.5°	98.2	122.4	146.6	170.8	189.7	207.1	226.0	243.5	278.4	313.4
	80°	98.2	123.7	148.0	173.5	181.6	191.0	199.1	207.1	211.2	215.2
	82.5°	84.7	104.9	125.1	145.3	135.9	126.4	117.0	107.6	100.9	92.8
	85°	43.0	47.1	49.8	52.5	48.4	44.4	40.4	36.3	33.6	29.6
	87.5°	17.5	17.5	16.1	16.1	16.1	16.1	14.8	14.8	14.8	14.8
	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: P1049306

CATALOG NUMBER: GALN-SA7B-927-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
78.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
211.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
286.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
398.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
539.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
673.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
765.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
834.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
902.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1037.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1306.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3049.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3838.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3926.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3543.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3029.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2367.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1789.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1320.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
934.8											
695.4											
505.8											
380.7											
213.9											
96.8											
28.2											
13.5											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049306

CATALOG NUMBER: GALN-SA7B-927-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°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	100.9	99.5	99.5	98.2	96.8	95.5	94.2	92.8	91.5	90.1
0.0	5°	104.9	104.9	104.9	103.6	103.6	102.2	102.2	100.9	99.5	98.2
0.0	7.5°	109.0	110.3	110.3	111.6	111.6	111.6	111.6	110.3	110.3	110.3
0.0	10°	115.7	117.0	118.4	119.7	121.1	122.4	122.4	123.7	123.7	123.7
0.0	12.5°	123.7	127.8	130.5	134.5	137.2	141.2	143.9	148.0	150.7	153.3
0.0	15°	135.9	142.6	150.7	157.4	164.1	173.5	184.3	193.7	203.1	217.9
0.0	17.5°	153.3	174.9	196.4	216.6	238.1	285.2	332.2	378.0	425.1	493.7
0.0	20°	187.0	251.5	314.8	379.3	442.5	608.0	772.1	937.5	1101.6	1277.9
0.0	22.5°	262.3	421.0	579.7	738.5	897.2	1242.9	1587.2	1932.9	2277.3	2682.1
0.0	25°	380.7	672.6	964.4	1255.0	1546.9	2087.6	2629.7	3170.4	3711.1	4237.1
0.0	27.5°	554.2	1000.8	1447.3	1892.6	2339.1	3072.2	3806.6	4539.7	5272.8	5867.4
0.0	30°	768.1	1373.4	1978.7	2583.9	3189.2	4023.2	4857.2	5689.8	6523.8	7173.4
0.0	32.5°	969.8	1711.0	2452.1	3191.9	3933.1	4882.7	5833.7	6783.4	7733.0	8443.2
0.0	35°	1101.6	1997.5	2894.7	3790.5	4686.3	5714.0	6741.7	7768.0	8795.6	9606.7
0.0	37.5°	1233.5	2267.8	3300.9	4335.3	5368.3	6496.9	7625.4	8753.9	9882.5	10884.6
0.0	40°	1381.4	2594.7	3806.6	5019.9	6231.9	7568.9	8904.6	10241.6	11577.3	12991.0
0.0	42.5°	1638.3	3136.8	4636.6	6135.0	7633.5	9402.3	11171.1	12938.6	14707.4	16725.0
0.0	45°	2121.2	4233.0	6346.2	8458.0	10569.8	12913.0	15257.5	17600.7	19943.9	22628.7
0.0	47.5°	3303.6	6209.0	9113.1	12018.5	14922.6	17452.7	19981.5	22511.7	25040.5	27714.6
0.0	50°	5054.9	8436.5	11818.1	15198.4	18579.9	20869.3	23157.3	25446.7	27734.7	30278.3
0.0	52.5°	6322.0	9844.8	13369.0	16891.8	20414.7	22480.8	24548.2	26614.3	28680.3	31057.1
0.0	55°	6417.5	9920.2	13424.2	16926.8	20429.5	22505.0	24580.5	26656.0	28731.5	31250.8
0.0	57.5°	5681.7	9156.1	12629.2	16103.6	19576.7	21940.0	24302.0	26665.4	29027.4	31751.2
0.0	60°	4833.0	8308.7	11783.1	15258.9	18733.3	21455.8	24179.6	26902.1	29624.6	32176.3
0.0	62.5°	3770.3	7345.6	10922.3	14497.6	18072.8	20837.0	23601.2	26364.1	29128.3	31042.4
0.0	65°	2809.9	6281.6	9753.4	13223.7	16695.5	18909.5	21123.5	23336.2	25550.3	26735.3
0.0	67.5°	2031.1	5025.3	8018.2	11012.4	14005.2	15589.8	17174.3	18757.5	20342.0	21248.6
	70°	1373.4	3447.5	5520.3	7594.5	9667.3	10969.3	12272.7	13574.8	14876.9	16100.9
	72.5°	951.0	2115.9	3282.1	4446.9	5611.8	6921.9	8230.7	9540.8	10849.6	12145.0
	75°	630.9	1160.8	1692.1	2222.1	2752.1	3721.9	4693.1	5662.9	6632.7	7404.8
	77.5°	447.9	606.6	766.7	925.4	1084.2	1265.7	1448.7	1630.3	1811.9	2087.6
	80°	212.5	232.7	252.9	271.7	291.9	357.8	423.7	489.6	555.5	625.5
	82.5°	100.9	109.0	117.0	123.7	131.8	138.5	145.3	152.0	158.7	152.0
	85°	26.9	26.9	28.2	28.2	28.2	28.2	28.2	28.2	28.2	26.9
	87.5°	12.1	12.1	12.1	12.1	12.1	12.1	12.1	10.8	10.8	9.4
	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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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
78.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
234.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
560.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1455.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3087.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4763.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6461.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7824.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9154.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10417.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11888.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14404.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18742.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25313.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30388.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32821.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33433.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33771.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34475.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34726.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32957.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27921.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22156.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17323.6											
13440.3											
8176.9											
2363.4											
695.4											
143.9											
25.6											
9.4											
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°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	2.5°	87.4	86.1	84.7	83.4	82.1	79.4	79.4	78.0	78.0
0.0	5°	95.5	94.2	92.8	91.5	91.5	90.1	88.8	88.8	87.4
0.0	7.5°	109.0	107.6	106.3	104.9	104.9	103.6	103.6	102.2	102.2
0.0	10°	125.1	125.1	125.1	125.1	125.1	123.7	123.7	123.7	122.4
0.0	12.5°	157.4	158.7	161.4	164.1	168.1	168.1	168.1	166.8	166.8
0.0	15°	248.8	263.6	274.4	285.2	294.6	316.1	313.4	309.4	306.7
0.0	17.5°	629.5	696.8	733.1	768.1	804.4	903.9	887.8	871.6	856.8
0.0	20°	1631.6	1807.8	1924.8	2041.9	2160.2	2347.2	2301.5	2255.7	2210.0
0.0	22.5°	3490.5	3895.4	4071.6	4247.8	4422.7	4648.7	4502.1	4355.5	4210.2
0.0	25°	5287.6	5813.5	6110.8	6408.1	6704.0	6833.1	6642.1	6449.8	6258.8
0.0	27.5°	7056.4	7651.0	7913.3	8174.2	8436.5	8706.9	8470.1	8232.0	7995.3
0.0	30°	8474.2	9123.9	9407.7	9690.1	9974.0	10162.3	9917.5	9671.3	9426.5
0.0	32.5°	9865.0	10575.2	10885.9	11196.7	11506.0	11776.4	11475.1	11172.4	10871.1
0.0	35°	11227.6	12038.7	12466.4	12894.2	13321.9	13573.5	13215.7	12856.5	12498.7
0.0	37.5°	12890.1	13892.3	14371.1	14850.0	15328.8	15787.5	15393.4	14997.9	14603.8
0.0	40°	15818.4	17232.2	17966.6	18702.4	19436.8	20028.6	19530.9	19033.2	18535.6
0.0	42.5°	20760.4	22778.0	23833.9	24888.5	25944.4	26868.5	26345.2	25822.0	25298.7
0.0	45°	27998.4	30683.2	31970.5	33256.4	34543.7	35218.9	34465.6	33711.0	32957.8
0.0	47.5°	33061.4	35735.4	36881.5	38027.5	39173.5	39944.3	39022.9	38101.5	37181.4
0.0	50°	35364.2	37907.8	39057.8	40206.6	41356.6	41968.6	40904.7	39839.3	38775.4
0.0	52.5°	35809.4	38186.2	39558.2	40931.6	42303.6	43121.4	41865.1	40607.4	39351.1
0.0	55°	36291.0	38810.3	40401.6	41994.2	43585.5	44718.0	43297.6	41875.8	40455.4
0.0	57.5°	37197.6	39921.4	41508.6	43094.5	44681.7	45643.5	44219.0	42793.2	41368.7
0.0	60°	37278.3	39828.6	41192.5	42557.8	43921.7	44527.0	43164.4	41800.5	40437.9
0.0	62.5°	34871.9	36786.0	37732.9	38679.9	39626.8	40284.6	38862.8	37439.7	36017.9
0.0	65°	29106.7	30291.8	31046.4	31801.0	32555.6	33339.8	32037.7	30735.7	29433.6
0.0	67.5°	23063.2	23969.8	24963.8	25957.9	26951.9	27789.9	26747.4	25703.6	24661.2
	70°	18547.7	19770.4	20888.1	22005.9	23123.7	23809.7	22763.2	21715.4	20668.9
	72.5°	14735.6	16031.0	16964.5	17896.6	18830.1	18998.3	18228.9	17459.5	16691.4
	75°	8947.6	9719.7	9738.6	9756.1	9774.9	9935.0	9297.4	8659.8	8023.6
	77.5°	2639.1	2914.8	3142.2	3368.1	3595.5	3869.9	3635.8	3400.4	3166.4
	80°	764.0	834.0	893.2	951.0	1010.2	975.2	920.1	864.9	809.8
	82.5°	137.2	129.1	127.8	126.4	126.4	119.7	109.0	98.2	87.4
	85°	24.2	22.9	21.5	20.2	18.8	17.5	14.8	13.5	10.8
	87.5°	8.1	6.7	5.4	4.0	4.0	1.3	1.3	1.3	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-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049306

CATALOG NUMBER: GALN-SA7B-927-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°	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
0.0	0.0	2.5°	76.7	75.3	75.3	75.3	75.3	74.0	74.0	74.0	74.0
0.0	0.0	5°	84.7	84.7	83.4	83.4	82.1	82.1	80.7	80.7	79.4
0.0	0.0	7.5°	99.5	98.2	96.8	95.5	94.2	91.5	90.1	88.8	88.8
0.0	0.0	10°	119.7	117.0	115.7	113.0	111.6	109.0	106.3	103.6	100.9
0.0	0.0	12.5°	157.4	152.0	148.0	142.6	137.2	133.2	127.8	123.7	118.4
0.0	0.0	15°	273.1	259.6	244.8	227.3	208.5	191.0	172.2	161.4	149.3
0.0	0.0	17.5°	698.1	628.2	556.9	499.0	441.2	384.7	326.9	285.2	243.5
0.0	0.0	20°	1776.9	1583.2	1389.5	1198.5	1006.1	815.1	622.8	525.9	429.1
0.0	0.0	22.5°	3343.9	2984.8	2624.3	2275.9	1926.2	1577.8	1229.4	1010.2	792.3
0.0	0.0	25°	5161.2	4709.2	4257.3	3684.2	3109.9	2536.9	1963.9	1607.4	1250.9
0.0	0.0	27.5°	6716.1	6195.6	5675.0	4978.2	4281.5	3584.7	2887.9	2356.6	1826.7
0.0	0.0	30°	8062.6	7503.0	6943.4	6132.3	5321.2	4510.1	3699.0	3034.6	2370.1
0.0	0.0	32.5°	9230.1	8560.3	7890.4	7053.7	6217.1	5380.4	4543.8	3728.6	2913.5
0.0	0.0	35°	10576.6	9795.1	9012.2	8084.1	7154.6	6226.5	5298.4	4378.3	3456.9
0.0	0.0	37.5°	12287.5	11328.5	10368.1	9333.7	8299.3	7266.3	6231.9	5180.0	4128.1
0.0	0.0	40°	15562.9	14325.4	13087.9	11773.7	10458.2	9144.0	7829.9	6538.6	5247.3
0.0	0.0	42.5°	21431.6	19759.6	18087.6	16339.0	14589.0	12840.4	11090.4	9269.1	7446.5
0.0	0.0	45°	28054.9	25980.7	23905.2	21942.7	19978.9	18016.3	16053.8	13554.6	11055.4
0.0	0.0	47.5°	31779.5	29539.9	27300.3	25442.7	23585.1	21727.5	19869.9	17175.7	14481.4
0.0	0.0	50°	33150.1	30870.2	28590.2	26880.6	25169.6	23460.0	21749.0	19050.7	16351.1
0.0	0.0	52.5°	33442.0	31116.3	28790.6	27070.3	25349.9	23630.8	21910.4	19229.6	16548.8
0.0	0.0	55°	34041.9	31546.8	29050.2	27089.1	25127.9	23166.8	21205.6	18481.8	15757.9
0.0	0.0	57.5°	34826.1	32267.7	29709.4	27475.1	25240.9	23008.0	20773.8	17795.7	14817.7
0.0	0.0	60°	34620.3	32394.2	30166.7	27773.7	25379.5	22986.5	20592.2	17316.9	14040.2
0.0	0.0	62.5°	31047.7	29274.9	27500.7	25532.8	23563.6	21595.7	19627.8	16255.6	12883.4
0.0	0.0	65°	25542.2	24248.2	22954.2	21371.0	19786.5	18203.3	16620.1	13596.3	10573.9
0.0	0.0	67.5°	20701.2	19243.1	17783.6	16521.9	15258.9	13997.2	12734.1	10354.6	7975.1
		70°	16446.6	14860.7	13273.5	12041.4	10807.9	9575.8	8343.7	6761.8	5181.3
		72.5°	13061.0	11631.1	10201.3	8887.1	7571.6	6257.4	4941.9	4007.1	3072.2
		75°	6242.6	5671.0	5099.3	4411.9	3724.6	3037.2	2349.9	1942.3	1536.1
		77.5°	2313.6	2005.6	1696.2	1416.4	1136.6	858.2	578.4	530.0	481.5
		80°	598.6	521.9	443.9	388.7	332.2	277.1	221.9	200.4	180.2
		82.5°	68.6	63.2	59.2	56.5	52.5	49.8	45.7	41.7	37.7
		85°	4.0	2.7	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-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049306

CATALOG NUMBER: GALN-SA7B-927-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	78.0	78.0
0.0	0.0	2.5°	72.6	71.3
0.0	0.0	5°	76.7	75.3
0.0	0.0	7.5°	84.7	82.1
0.0	0.0	10°	92.8	90.1
0.0	0.0	12.5°	104.9	100.9
0.0	0.0	15°	118.4	110.3
0.0	0.0	17.5°	141.2	123.7
0.0	0.0	20°	191.0	146.6
0.0	0.0	22.5°	269.0	182.9
0.0	0.0	25°	395.5	252.9
0.0	0.0	27.5°	550.1	336.3
0.0	0.0	30°	731.7	421.0
0.0	0.0	32.5°	891.8	501.7
0.0	0.0	35°	1100.3	583.8
0.0	0.0	37.5°	1357.2	688.7
0.0	0.0	40°	1755.4	847.4
0.0	0.0	42.5°	2472.3	1140.6
0.0	0.0	45°	4015.1	1971.9
0.0	0.0	47.5°	6178.1	3261.9
0.0	0.0	50°	7558.1	4163.1
0.0	0.0	52.5°	7671.1	4156.4
0.0	0.0	55°	7002.6	3695.0
0.0	0.0	57.5°	5975.0	3088.4
0.0	0.0	60°	4966.1	2442.7
0.0	0.0	62.5°	3912.9	1686.8
0.0	0.0	65°	2859.7	1193.1
0.0	0.0	67.5°	2054.0	891.8
		70°	1350.5	683.3
		72.5°	879.7	556.9
		75°	591.8	461.4
		77.5°	345.7	306.7
		80°	122.4	107.6
		82.5°	22.9	16.1
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049306

CATALOG NUMBER: GALN-SA7B-927-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: SP1-2407-184-13

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-927-U-5WQ

Data in this report applies to families of products including GSS-SB1A-927-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-13
 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-927-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2731
 CIE u' : 0.2605
 CIE v' : 0.5298
 Duv: 0.0021
 CIE x: 0.4610
 CIE y: 0.4166
 CIE z: 0.1224
 Peak Wavelength (nm): 622
 Dominant Wavelength (nm): 583
 Purity: 63.43685
 R_f: 92.6
 R_g: 98

CRI (Ra): 91.8
 R1: 91.4
 R2: 95.1
 R3: 97.6
 R4: 92.3
 R5: 91.1
 R6: 94.7
 R7: 92.3
 R8: 80.0
 R9: 54.7
 R10: 87.7
 R11: 92.9
 R12: 84.0
 R13: 92.2
 R14: 97.8
 R15: 86.8



Test Conditions

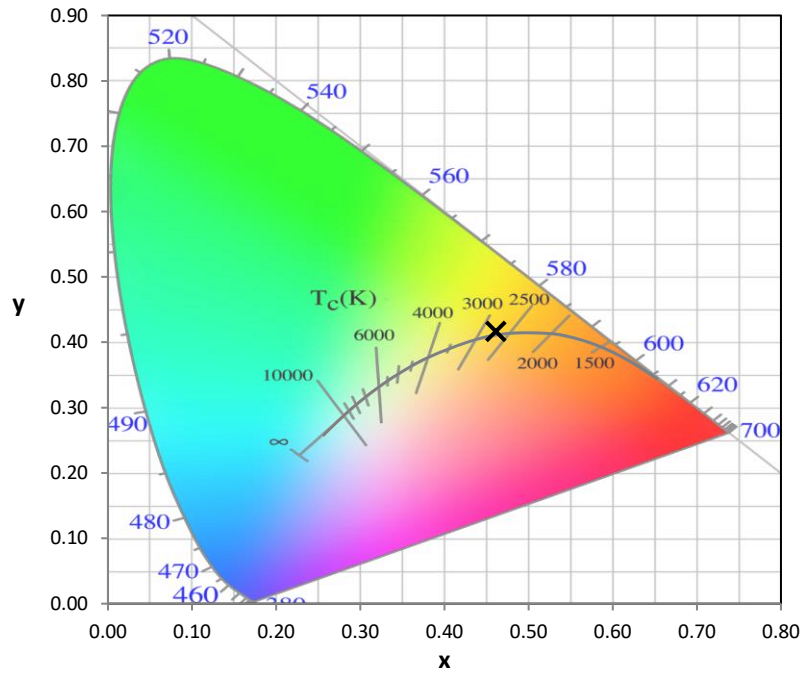
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-13

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: SP1-2407-184-13

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-13

Photopic Flux vs. Wavelength

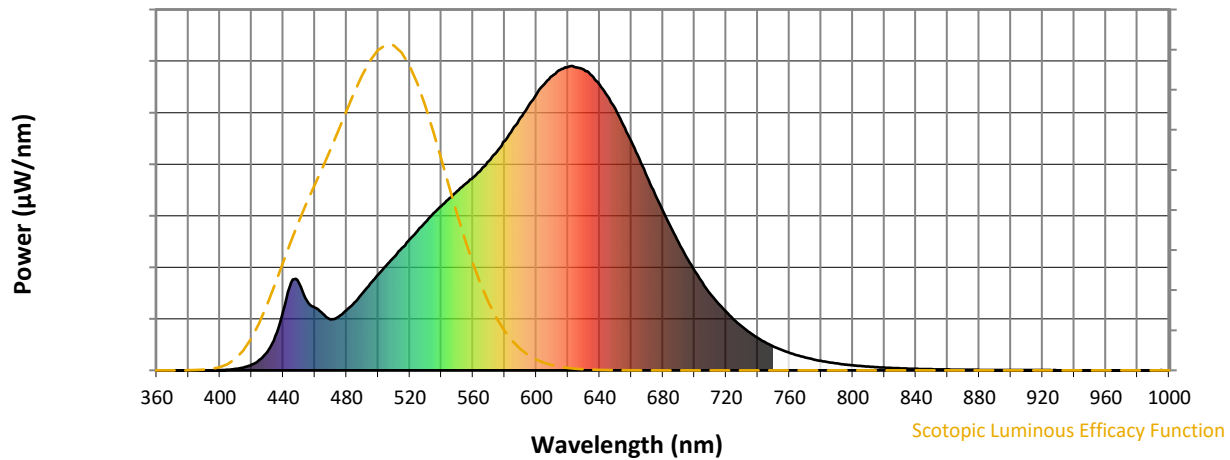


Photopic Lumens: NR

λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-13

Scotopic Flux vs. Wavelength



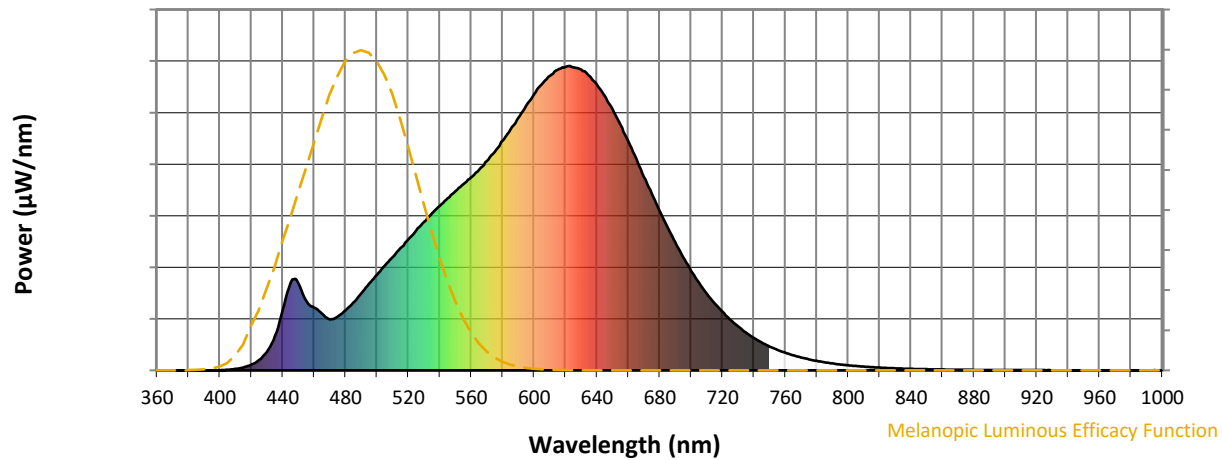
Scotopic Lumens: NR

S/P: 1.27

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-13

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.38

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-13

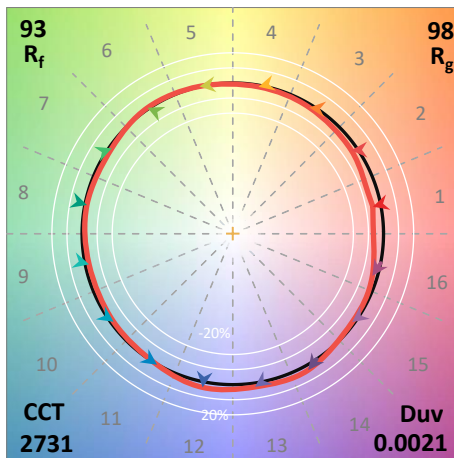
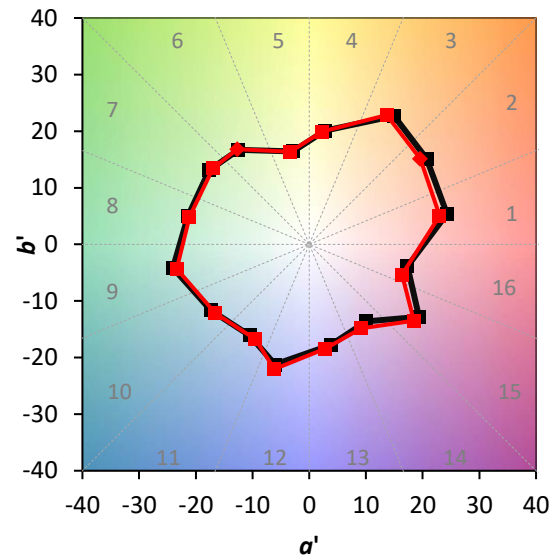
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98$
 $CIE R_a = 91.8$
 $R_9 = 54.7$



Color Vector Graphics



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

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 43	CES33 = 97	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 96	CES59 = 96	CES84 = 96
CES10 = 77	CES35 = 98	CES60 = 96	CES85 = 85
CES11 = 59	CES36 = 90	CES61 = 94	CES86 = 82
CES12 = 66	CES37 = 95	CES62 = 95	CES87 = 93
CES13 = 44	CES38 = 96	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 91	CES91 = 85
CES17 = 50	CES42 = 97	CES67 = 90	CES92 = 82
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 79
CES20 = 68	CES45 = 99	CES70 = 90	CES95 = 87
CES21 = 87	CES46 = 96	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 94	CES72 = 96	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 87	CES98 = 93
CES24 = 91	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 72	CES50 = 98	CES75 = 90	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)