

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: P1049285

Luminaire Tested: **GALN-SA2A-927-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049285
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-927-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
90CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4171.2 lumens
Efficiency: N/A
Efficacy: 74.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G1

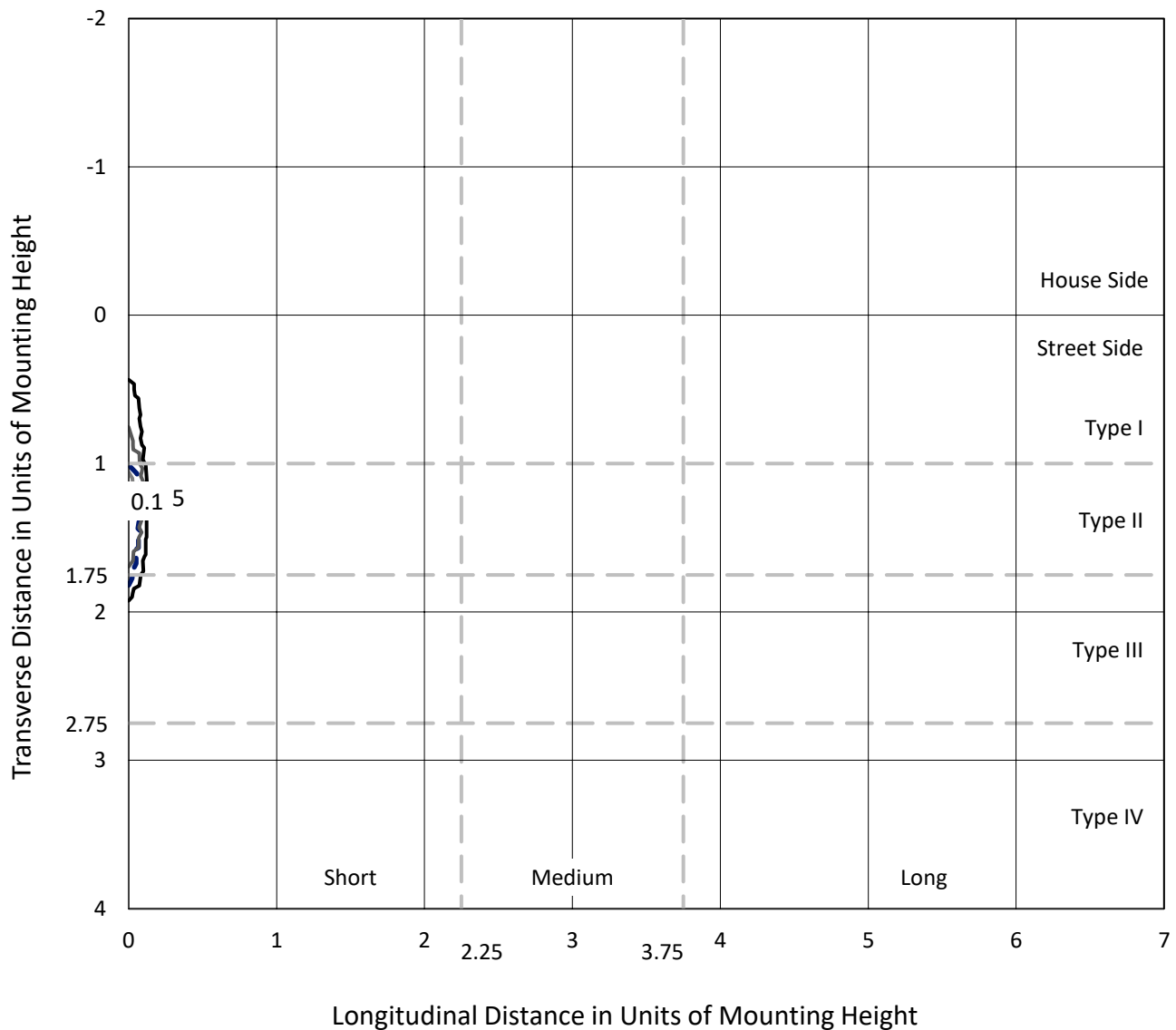
Input Watts (W): 55.8
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

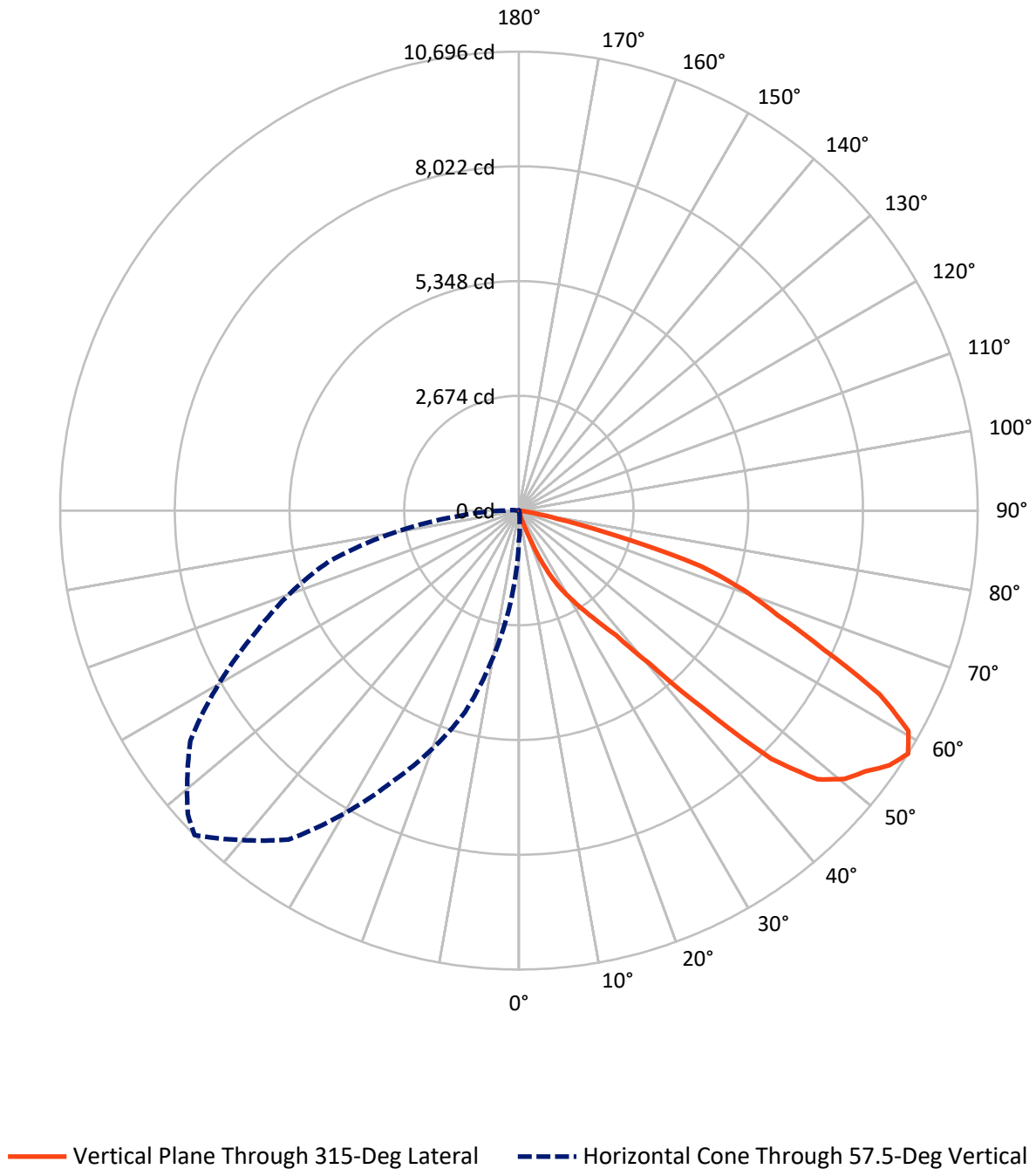
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 0.6 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	20.9	0.0	20.9
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	4150.3	0.0	4150.3
	% Fixture	99.5	0.0	99.5
Total	Lumens	4171.2	0.0	4171.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.6	0.0
10°-20°	9.2	0.2
20°-30°	98.9	2.4
30°-40°	292.3	7.0
40°-50°	871.2	20.9
50°-60°	1381.4	33.1
60°-70°	1153.1	27.6
70°-80°	355.6	8.5
80°-90°	7.9	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°	4171.2	100.0
0°-180°	4171.2	100.0



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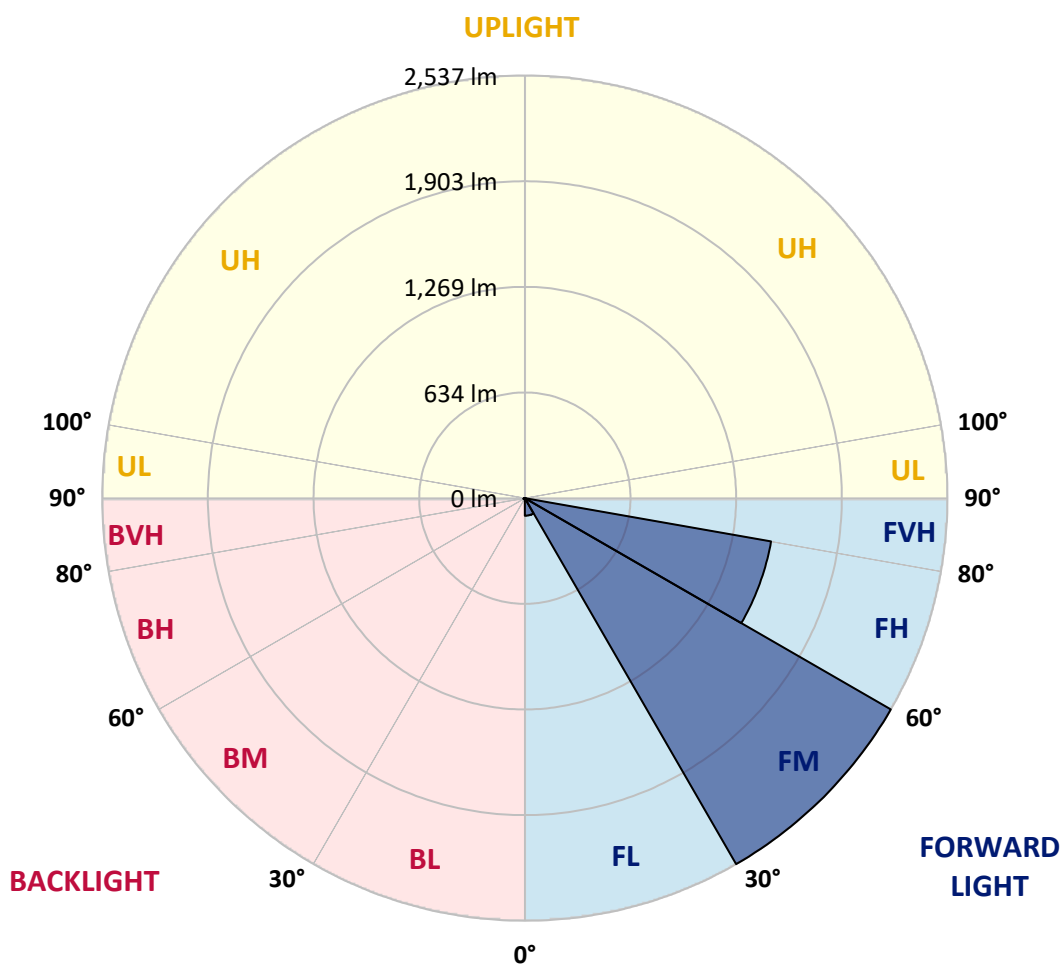
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	105.8	2.5			
FM	(30°-60°)	2537.5	60.8			
FH	(60°-80°)	1500.9	36.0			G1/1800
FVH	(80°-90°)	6.1	0.1			G0/10
BL	(0°-30°)	3.8	0.1	B0/110		
BM	(30°-60°)	7.5	0.2	B0/220		
BH	(60°-80°)	7.8	0.2	B0/110		G0/110
BVH	(80°-90°)	1.8	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-G1

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°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
2.5°	16.7	16.7	16.7	16.7	16.4	16.4	16.1	16.1	15.8	15.8
5°	17.7	17.7	17.3	17.0	17.0	16.7	16.4	16.1	16.1	15.8
7.5°	19.2	18.9	18.6	18.3	17.7	17.3	16.7	16.4	16.1	15.4
10°	21.1	20.5	19.9	19.2	18.6	18.0	17.3	17.0	16.4	16.1
12.5°	23.6	22.7	21.4	20.5	19.9	18.9	18.3	17.7	16.7	16.1
15°	25.8	24.6	23.0	21.7	20.8	19.5	18.6	17.7	17.0	16.1
17.5°	29.0	26.8	24.3	22.7	21.4	19.9	18.3	17.3	16.4	15.1
20°	34.4	29.9	25.2	23.3	21.4	19.5	17.7	16.4	15.4	14.2
22.5°	42.9	35.3	27.7	24.9	22.4	19.5	17.0	15.8	14.5	13.2
25°	59.3	45.7	32.2	28.4	24.6	20.8	17.0	15.4	14.2	12.6
27.5°	78.8	58.6	38.1	32.8	27.7	22.4	17.0	15.1	13.6	11.7
30°	98.7	71.9	44.8	37.8	30.9	24.0	17.0	14.8	12.9	10.7
32.5°	117.6	84.2	50.4	42.2	34.0	25.5	17.3	14.8	12.3	9.8
35°	136.8	94.2	51.4	42.9	34.4	25.5	17.0	14.2	11.7	8.8
37.5°	161.4	105.6	49.5	41.0	32.8	24.3	16.1	13.6	11.0	8.2
40°	198.6	124.5	50.4	41.6	32.8	24.0	15.1	12.6	10.4	7.9
42.5°	267.3	161.1	54.5	44.4	34.4	24.0	13.9	11.7	9.8	7.6
45°	462.1	267.6	73.1	58.0	42.9	27.7	12.6	10.7	9.1	7.2
47.5°	764.4	447.9	131.4	101.5	71.9	41.9	12.3	10.7	9.1	7.2
50°	975.6	570.5	165.5	127.3	89.2	51.1	12.9	11.0	9.5	7.6
52.5°	974.0	579.4	184.4	141.5	99.0	56.1	13.6	11.7	10.1	8.2
55°	865.9	527.0	187.9	144.4	101.2	57.7	14.5	12.6	10.7	8.8
57.5°	723.7	447.6	171.5	132.7	94.2	55.5	16.7	14.5	12.6	10.4
60°	572.4	353.0	133.7	105.6	77.9	49.8	22.1	19.2	16.7	13.9
62.5°	395.3	256.0	116.6	93.6	70.9	47.9	25.2	22.4	19.9	17.0
65°	279.6	192.6	105.3	85.7	66.5	47.0	27.4	24.3	21.4	18.3
67.5°	209.0	153.2	97.1	80.4	63.7	47.0	30.3	26.5	23.0	19.2
70°	160.1	125.8	91.1	77.5	64.3	50.7	37.2	31.8	26.8	21.4
72.5°	130.5	107.5	84.2	74.4	64.6	54.8	45.1	38.1	31.2	24.0
75°	108.1	92.0	76.0	67.8	59.9	51.7	43.5	37.2	31.2	24.9
77.5°	71.9	65.6	58.9	54.2	49.5	44.4	39.7	34.4	29.3	24.0
80°	25.2	24.3	23.3	25.2	27.1	29.0	30.9	27.1	23.6	19.9
82.5°	3.8	3.5	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.4
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°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
0.0	2.5°	15.4	15.4	15.1	15.1	15.1	14.8	14.8	14.5	14.5	14.5
0.0	5°	15.1	15.1	14.8	14.5	14.2	14.2	13.9	13.6	13.6	13.2
0.0	7.5°	14.8	14.5	14.2	13.9	13.6	13.2	12.9	12.6	12.6	12.3
0.0	10°	15.1	14.5	14.2	13.6	13.2	12.9	12.3	12.0	11.7	11.7
0.0	12.5°	14.5	14.2	13.6	12.9	12.6	12.0	11.7	11.0	10.7	10.7
0.0	15°	14.5	13.9	12.9	12.3	11.7	11.3	10.7	10.1	9.8	9.5
0.0	17.5°	13.6	12.9	12.0	11.3	10.7	10.1	9.5	8.8	8.5	8.2
0.0	20°	12.3	11.7	10.7	9.8	9.1	8.5	7.9	7.2	6.9	6.6
0.0	22.5°	11.0	10.4	9.5	8.5	7.9	7.2	6.3	5.7	5.4	4.7
0.0	25°	10.4	9.5	8.5	7.6	6.6	6.0	5.0	4.1	3.5	2.8
0.0	27.5°	8.8	7.9	6.9	6.0	5.0	4.1	3.2	2.2	1.6	1.3
0.0	30°	7.6	6.6	5.7	4.7	3.5	2.5	1.6	0.3	0.3	0.3
0.0	32.5°	6.3	5.4	4.1	3.2	2.5	1.6	0.9	0.0	0.0	0.0
0.0	35°	5.0	4.1	2.8	1.9	1.6	0.9	0.6	0.0	0.0	0.0
0.0	37.5°	4.4	3.5	2.2	0.9	0.6	0.6	0.3	0.0	0.0	0.0
0.0	40°	4.1	2.8	1.6	0.3	0.3	0.3	0.0	0.0	0.0	0.0
0.0	42.5°	4.1	2.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	4.1	2.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	4.1	2.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	4.4	3.2	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	5.0	3.8	2.5	1.3	0.9	0.6	0.3	0.0	0.0	0.0
0.0	55°	6.3	5.7	4.7	4.1	3.2	2.2	0.9	0.0	0.0	0.0
0.0	57.5°	8.2	8.2	7.9	7.6	5.7	3.8	1.9	0.0	0.0	0.0
0.0	60°	11.0	11.0	11.0	11.0	8.2	5.7	2.8	0.0	0.0	0.0
0.0	62.5°	13.6	12.9	12.0	11.3	8.5	5.7	2.8	0.0	0.0	0.0
0.0	65°	13.6	12.3	10.7	9.1	6.9	4.7	2.2	0.0	0.0	0.0
0.0	67.5°	12.6	10.1	7.2	4.7	3.5	2.5	1.3	0.0	0.0	0.0
	70°	12.6	8.8	5.0	1.3	0.9	0.6	0.3	0.0	0.0	0.0
	72.5°	12.6	8.5	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	13.9	9.5	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	13.9	9.5	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	12.3	8.2	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	4.1	2.8	1.3	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°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
0.0	2.5°	14.2	14.2	14.2	13.9	13.9	13.9	13.9	13.6	13.6	13.6
0.0	5°	12.9	12.9	12.6	12.6	12.3	12.3	12.0	12.0	11.7	11.7
0.0	7.5°	12.0	11.7	11.7	11.3	11.0	11.0	10.7	10.7	10.4	10.1
0.0	10°	11.0	10.7	10.7	10.4	10.1	9.8	9.8	9.5	9.1	8.8
0.0	12.5°	10.1	9.8	9.5	9.1	8.8	8.5	8.5	8.2	7.9	7.6
0.0	15°	8.8	8.5	8.2	7.9	7.6	7.2	7.2	6.9	6.6	6.3
0.0	17.5°	7.6	7.2	7.2	6.9	6.6	6.3	6.0	5.4	5.0	4.7
0.0	20°	5.7	5.4	5.0	4.7	4.4	3.8	3.5	2.8	2.2	1.9
0.0	22.5°	3.8	3.2	2.8	2.2	1.6	1.3	0.9	0.3	0.0	0.0
0.0	25°	1.3	0.9	0.6	0.3	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

CATALOG NUMBER: GALN-SA2A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049285

CATALOG NUMBER: GALN-SA2A-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°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
0.0	2.5°	13.2	13.2	13.2	12.9	12.9	12.9	12.9	12.9	12.9	12.9
0.0	5°	11.3	11.3	11.3	11.0	11.0	10.7	10.7	10.7	10.4	10.4
0.0	7.5°	9.8	9.5	9.5	9.1	9.1	8.8	8.8	8.8	8.5	8.5
0.0	10°	8.2	7.9	7.9	7.6	7.6	7.2	7.2	6.9	6.9	6.6
0.0	12.5°	7.2	6.9	6.6	6.3	6.3	6.0	5.7	5.7	5.4	5.0
0.0	15°	5.7	5.4	5.0	4.7	4.4	4.1	3.8	3.8	3.5	3.2
0.0	17.5°	3.8	3.2	2.8	2.5	2.5	2.2	1.9	1.6	1.3	0.9
0.0	20°	0.9	0.6	0.3	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
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: P1049285

CATALOG NUMBER: GALN-SA2A-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049285

CATALOG NUMBER: GALN-SA2A-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°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
0.0	2.5°	12.9	12.6	12.6	12.6	12.9	12.9	12.9	12.9	12.9	12.9
0.0	5°	10.4	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
0.0	7.5°	8.5	8.2	8.2	8.2	8.2	7.9	7.9	7.9	7.9	7.9
0.0	10°	6.6	6.3	6.3	6.3	6.3	6.0	6.0	6.0	6.0	6.0
0.0	12.5°	4.7	4.7	4.4	4.4	4.4	4.1	4.1	4.1	4.1	3.8
0.0	15°	2.8	2.5	2.2	2.2	2.2	1.9	1.9	1.9	1.9	1.6
0.0	17.5°	0.6	0.6	0.3	0.3	0.3	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):

[illegible]

REPORT NUMBER: P1049285

CATALOG NUMBER: GALN-SA2A-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°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
0.0	2.5°	13.2	13.2	13.6	13.6	13.9	14.5	14.8	15.1	15.8	16.4
0.0	5°	10.4	10.7	10.7	11.0	11.3	11.7	12.0	12.3	12.9	13.6
0.0	7.5°	8.2	8.2	8.5	8.5	8.8	9.5	9.8	10.1	10.7	11.7
0.0	10°	6.3	6.3	6.6	6.6	6.9	7.6	7.9	8.2	8.8	9.8
0.0	12.5°	4.1	4.4	4.4	4.7	5.0	5.7	6.0	6.3	6.9	7.6
0.0	15°	1.9	2.2	2.2	2.5	2.8	3.5	3.8	4.1	4.7	5.7
0.0	17.5°	0.3	0.3	0.6	0.6	0.9	1.3	1.6	1.9	2.8	3.5
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.3
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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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REPORT NUMBER: P1049285

CATALOG NUMBER: GALN-SA2A-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°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
0.0	2.5°	17.3	18.0	18.6	19.2	19.9	20.5	20.8	21.4	21.7	22.1
0.0	5°	14.8	15.4	16.4	17.0	17.7	18.3	18.9	19.2	19.5	19.9
0.0	7.5°	12.9	13.6	14.5	15.1	15.8	16.4	17.0	17.7	18.0	18.3
0.0	10°	11.0	12.0	12.6	13.6	14.2	14.8	15.4	16.1	16.7	17.0
0.0	12.5°	8.8	9.8	10.7	11.3	12.3	13.2	13.9	14.5	15.1	15.8
0.0	15°	6.9	7.9	8.8	9.5	10.4	11.3	12.3	12.9	13.6	14.2
0.0	17.5°	5.0	6.0	6.9	7.6	8.5	9.5	10.1	11.0	11.7	12.3
0.0	20°	2.5	3.5	4.4	5.4	6.3	7.2	7.9	8.8	9.5	10.1
0.0	22.5°	0.3	1.3	2.2	2.8	3.8	4.7	5.4	6.3	6.9	7.6
0.0	25°	0.0	0.3	0.9	1.3	1.6	2.2	2.8	3.5	4.1	4.7
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.3	0.6	1.3	1.9	2.5
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
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	0.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6
	85°	0.0	0.0	0.0	0.0	0.0	0.6	0.9	1.6	1.9	2.2
	87.5°	0.0	0.3	0.6	0.9	1.3	1.9	2.5	3.2	3.5	3.8
	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: P1049285

CATALOG NUMBER: GALN-SA2A-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
18.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.9	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
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0.0											
0.0											
0.0											
0.3											
1.3											
2.8											
4.1											
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REPORT NUMBER: P1049285

CATALOG NUMBER: GALN-SA2A-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°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
0.0	2.5°	22.4	22.4	22.4	22.4	22.1	22.1	22.1	21.7	21.7	21.4
0.0	5°	20.5	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.5	20.5
0.0	7.5°	18.9	19.2	19.5	19.5	19.9	19.9	19.9	19.5	19.5	19.2
0.0	10°	18.0	18.3	18.3	18.6	18.6	18.6	18.6	18.6	18.6	18.6
0.0	12.5°	16.7	17.0	17.3	17.3	17.7	17.7	17.7	17.7	17.3	17.3
0.0	15°	15.1	15.8	16.1	16.4	16.4	16.7	16.7	16.7	16.7	16.7
0.0	17.5°	13.9	14.5	14.8	15.1	15.1	15.4	15.4	15.8	15.8	15.8
0.0	20°	11.3	12.0	12.3	12.9	13.2	13.6	13.9	14.2	14.2	14.5
0.0	22.5°	8.8	9.5	9.8	10.4	10.7	11.0	11.3	11.7	12.0	12.3
0.0	25°	6.3	6.9	7.2	7.9	8.2	8.5	8.8	9.1	9.1	9.5
0.0	27.5°	3.5	4.1	4.7	5.0	5.7	6.0	6.3	6.6	6.9	7.2
0.0	30°	1.6	1.9	2.2	2.8	3.2	3.5	3.8	4.4	4.7	5.0
0.0	32.5°	0.0	0.0	0.3	0.9	1.3	1.6	1.9	2.2	2.2	2.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.9	1.3
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°	0.6	0.6	0.6	0.9	0.9	0.9	0.9	0.9	0.9	0.9
	82.5°	1.6	1.9	2.2	2.2	2.5	2.5	2.5	2.5	2.2	2.2
	85°	3.2	3.5	3.8	3.8	4.1	4.1	4.1	4.1	4.1	4.1
	87.5°	4.4	4.7	5.0	5.0	5.4	5.4	5.4	5.4	5.4	5.4
	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

REPORT NUMBER: P1049285

CATALOG NUMBER: GALN-SA2A-927-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
18.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.3	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
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0.0											
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REPORT NUMBER: P1049285

CATALOG NUMBER: GALN-SA2A-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°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
0.0	2.5°	21.1	21.1	20.8	20.8	20.8	20.8	20.8	21.1	21.4	21.4
0.0	5°	20.2	20.2	19.9	19.9	19.9	20.2	20.2	20.5	20.8	21.1
0.0	7.5°	19.2	18.9	18.9	19.2	19.2	19.5	19.5	19.9	20.2	20.5
0.0	10°	18.6	18.3	18.3	18.3	18.6	18.6	18.9	19.2	19.5	19.9
0.0	12.5°	17.3	17.3	17.3	17.3	17.7	17.7	18.0	18.3	18.9	19.2
0.0	15°	16.7	16.4	16.4	16.4	16.4	16.7	16.7	17.3	18.0	18.3
0.0	17.5°	15.4	15.4	15.1	15.1	15.4	15.4	15.8	16.4	17.0	17.3
0.0	20°	14.2	13.9	13.6	13.6	13.9	13.9	14.2	14.8	15.4	15.8
0.0	22.5°	12.3	12.0	12.0	12.0	12.0	12.3	12.3	12.9	13.9	14.5
0.0	25°	9.8	10.1	10.1	10.4	10.4	10.7	11.0	11.7	12.6	13.2
0.0	27.5°	7.6	7.9	7.9	8.5	8.8	9.1	9.5	10.4	11.3	12.0
0.0	30°	5.7	6.0	6.3	6.6	7.2	7.9	8.5	9.5	10.4	11.0
0.0	32.5°	3.5	4.1	4.4	5.0	5.7	6.3	6.9	7.9	9.1	10.1
0.0	35°	2.5	2.8	3.5	3.8	4.4	5.0	5.7	6.9	7.9	9.1
0.0	37.5°	1.3	1.9	2.5	3.2	3.8	4.4	5.0	6.3	7.6	8.5
0.0	40°	0.9	1.6	1.9	2.5	3.5	4.1	4.7	6.0	7.2	8.5
0.0	42.5°	0.6	0.9	1.3	2.2	2.8	3.8	4.7	6.0	7.2	8.5
0.0	45°	0.6	0.6	0.9	1.9	2.8	4.1	5.0	6.3	7.2	8.5
0.0	47.5°	0.6	0.9	1.3	2.5	3.2	4.1	5.0	6.0	7.2	8.2
0.0	50°	0.9	1.3	1.6	2.8	3.5	4.4	5.0	6.3	7.2	8.5
0.0	52.5°	0.6	0.9	1.3	2.5	3.5	4.7	5.7	6.9	8.2	9.1
0.0	55°	0.3	0.3	0.3	1.9	3.8	5.4	7.2	8.2	9.5	10.4
0.0	57.5°	0.0	0.0	0.0	1.3	3.8	6.0	8.2	9.5	10.7	11.7
0.0	60°	0.0	0.0	0.0	1.3	3.8	6.0	8.2	9.8	11.3	12.9
0.0	62.5°	0.0	0.0	0.0	1.3	3.2	5.0	6.9	9.5	12.3	14.8
0.0	65°	0.0	0.0	0.0	0.9	2.5	4.1	5.7	9.5	13.2	16.7
0.0	67.5°	0.0	0.0	0.0	0.9	2.5	3.8	5.4	9.5	13.2	17.3
	70°	0.0	0.0	0.0	0.9	2.5	4.1	5.7	9.5	13.2	17.0
	72.5°	0.0	0.0	0.0	0.9	2.8	4.4	6.3	9.5	12.6	15.8
	75°	0.0	0.0	0.0	1.3	2.8	4.7	6.6	9.5	12.3	14.8
	77.5°	0.0	0.0	0.0	0.9	2.8	4.4	6.3	9.1	12.0	14.5
	80°	0.9	0.6	0.6	1.6	2.8	4.1	5.4	8.2	11.3	14.2
	82.5°	1.9	1.9	1.6	2.2	2.8	3.8	4.7	7.2	10.1	12.6
	85°	3.8	3.8	3.5	3.8	3.8	4.1	4.4	5.7	6.9	8.2
	87.5°	5.0	5.0	4.7	4.7	4.7	4.4	4.4	4.4	4.4	4.1
	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

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
18.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8											
18.9											
17.7											
17.3											
17.0											
15.1											
9.5											
4.1											
0.0											
0.0											
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REPORT NUMBER: P1049285

CATALOG NUMBER: GALN-SA2A-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°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
0.0	2.5°	22.1	22.4	22.4	22.7	23.0	23.3	23.3	23.6	23.6	23.6
0.0	5°	21.7	22.4	22.7	23.0	23.3	23.6	24.0	24.3	24.6	24.6
0.0	7.5°	21.4	21.7	22.4	22.7	23.3	23.6	24.3	24.6	24.9	25.2
0.0	10°	20.8	21.4	22.1	22.7	23.3	24.0	24.6	25.2	25.8	26.2
0.0	12.5°	20.2	21.1	21.7	22.4	23.3	24.3	24.9	25.8	26.5	27.1
0.0	15°	19.9	20.5	21.4	22.1	23.3	24.6	25.5	26.8	28.1	29.0
0.0	17.5°	18.9	20.2	21.1	22.1	23.3	24.9	26.2	27.4	29.3	31.2
0.0	20°	17.7	18.6	19.9	20.8	22.7	24.3	26.2	27.7	30.6	33.4
0.0	22.5°	16.4	17.7	18.6	19.9	22.1	24.0	26.2	28.1	32.8	37.2
0.0	25°	15.1	16.7	18.0	19.2	21.7	24.3	26.8	29.3	37.2	45.1
0.0	27.5°	14.5	15.8	17.3	18.6	21.7	25.2	28.4	31.5	44.1	56.4
0.0	30°	13.6	15.1	16.4	18.0	22.1	26.2	30.3	34.4	53.6	72.8
0.0	32.5°	12.6	14.2	15.8	17.3	22.7	28.1	33.1	38.5	63.7	88.6
0.0	35°	11.7	13.6	15.1	16.7	23.6	30.9	37.8	44.8	72.8	100.6
0.0	37.5°	11.3	13.2	14.8	16.4	24.0	31.2	38.8	46.0	73.8	101.5
0.0	40°	11.7	13.2	15.1	16.7	23.0	29.3	35.3	41.6	70.6	99.3
0.0	42.5°	11.7	13.6	15.4	17.3	22.4	27.4	32.5	37.5	69.7	101.8
0.0	45°	11.3	13.2	15.1	17.0	21.7	26.2	30.9	35.3	75.3	115.1
0.0	47.5°	11.0	12.9	14.8	16.7	21.4	26.2	30.9	35.6	97.4	158.9
0.0	50°	11.0	12.9	14.5	16.1	21.7	27.7	33.4	39.1	141.8	244.3
0.0	52.5°	11.7	13.2	14.5	15.8	22.4	29.3	35.9	42.6	180.3	317.7
0.0	55°	12.6	13.6	14.8	15.8	24.0	31.8	40.0	47.9	192.0	336.0
0.0	57.5°	13.9	14.8	15.8	16.7	26.8	36.9	46.7	56.7	192.9	328.8
0.0	60°	15.4	16.7	17.7	18.6	29.3	40.3	51.1	61.8	174.6	287.2
0.0	62.5°	18.9	20.5	21.7	23.3	33.7	43.8	54.2	64.3	145.0	225.7
0.0	65°	21.7	23.0	24.3	25.5	35.6	46.0	56.1	66.2	122.9	179.7
0.0	67.5°	22.4	23.6	24.6	25.8	36.2	46.7	56.7	67.1	105.3	143.1
	70°	22.7	24.3	26.2	27.7	38.5	49.2	59.6	70.3	93.3	116.3
	72.5°	21.7	24.9	27.7	30.6	40.7	50.4	60.5	70.3	86.7	103.1
	75°	21.7	26.2	30.3	34.4	41.9	49.2	56.7	64.0	76.6	89.2
	77.5°	23.0	28.7	34.4	40.0	44.4	48.5	53.0	57.1	65.2	73.4
	80°	23.0	29.0	34.7	40.7	42.6	44.8	46.7	48.5	49.5	50.4
	82.5°	19.9	24.6	29.3	34.0	31.8	29.6	27.4	25.2	23.6	21.7
	85°	10.1	11.0	11.7	12.3	11.3	10.4	9.5	8.5	7.9	6.9
	87.5°	4.1	4.1	3.8	3.8	3.8	3.8	3.5	3.5	3.5	3.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA2A-927-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
18.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
195.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
211.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
243.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
306.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
466.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
714.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
899.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
920.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
830.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
709.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
554.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
419.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
309.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
219.1											
163.0											
118.5											
89.2											
50.1											
22.7											
6.6											
3.2											
0.0											
0.0											
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REPORT NUMBER: P1049285

CATALOG NUMBER: GALN-SA2A-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°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
0.0	2.5°	23.6	23.3	23.3	23.0	22.7	22.4	22.1	21.7	21.4	21.1
0.0	5°	24.6	24.6	24.6	24.3	24.3	24.0	24.0	23.6	23.3	23.0
0.0	7.5°	25.5	25.8	25.8	26.2	26.2	26.2	26.2	25.8	25.8	25.8
0.0	10°	27.1	27.4	27.7	28.1	28.4	28.7	28.7	29.0	29.0	29.0
0.0	12.5°	29.0	29.9	30.6	31.5	32.2	33.1	33.7	34.7	35.3	35.9
0.0	15°	31.8	33.4	35.3	36.9	38.5	40.7	43.2	45.4	47.6	51.1
0.0	17.5°	35.9	41.0	46.0	50.7	55.8	66.8	77.9	88.6	99.6	115.7
0.0	20°	43.8	58.9	73.8	88.9	103.7	142.5	180.9	219.7	258.2	299.5
0.0	22.5°	61.5	98.7	135.9	173.1	210.2	291.3	372.0	453.0	533.7	628.5
0.0	25°	89.2	157.6	226.0	294.1	362.5	489.2	616.2	743.0	869.7	992.9
0.0	27.5°	129.9	234.5	339.2	443.5	548.2	719.9	892.1	1063.8	1235.6	1375.0
0.0	30°	180.0	321.8	463.7	605.5	747.4	942.8	1138.2	1333.4	1528.8	1681.0
0.0	32.5°	227.3	401.0	574.6	748.0	921.7	1144.2	1367.1	1589.6	1812.2	1978.6
0.0	35°	258.2	468.1	678.3	888.3	1098.2	1339.0	1579.9	1820.4	2061.2	2251.3
0.0	37.5°	289.1	531.5	773.5	1015.9	1258.0	1522.5	1786.9	2051.4	2315.9	2550.7
0.0	40°	323.7	608.0	892.1	1176.4	1460.4	1773.7	2086.7	2400.0	2713.0	3044.3
0.0	42.5°	383.9	735.1	1086.5	1437.7	1788.8	2203.3	2617.9	3032.0	3446.6	3919.4
0.0	45°	497.1	992.0	1487.2	1982.1	2477.0	3026.1	3575.5	4124.6	4673.7	5302.8
0.0	47.5°	774.2	1455.0	2135.6	2816.4	3497.0	4089.9	4682.5	5275.4	5868.0	6494.7
0.0	50°	1184.6	1977.0	2769.5	3561.6	4354.1	4890.5	5426.7	5963.2	6499.4	7095.5
0.0	52.5°	1481.5	2307.1	3132.9	3958.5	4784.0	5268.2	5752.7	6236.8	6721.0	7278.0
0.0	55°	1503.9	2324.7	3145.8	3966.7	4787.5	5273.8	5760.2	6246.6	6733.0	7323.4
0.0	57.5°	1331.5	2145.7	2959.5	3773.7	4587.6	5141.5	5695.0	6248.8	6802.3	7440.6
0.0	60°	1132.6	1947.1	2761.3	3575.8	4390.0	5028.0	5666.3	6304.3	6942.3	7540.2
0.0	62.5°	883.5	1721.4	2559.5	3397.4	4235.2	4883.0	5530.7	6178.2	6826.0	7274.5
0.0	65°	658.5	1472.1	2285.6	3098.9	3912.4	4431.3	4950.1	5468.7	5987.5	6265.2
0.0	67.5°	476.0	1177.6	1879.0	2580.7	3282.0	3653.3	4024.7	4395.7	4767.0	4979.4
	70°	321.8	807.9	1293.6	1779.7	2265.4	2570.6	2876.0	3181.1	3486.3	3773.1
	72.5°	222.9	495.8	769.1	1042.1	1315.1	1622.1	1928.8	2235.8	2542.5	2846.1
	75°	147.8	272.0	396.5	520.7	644.9	872.2	1099.8	1327.1	1554.3	1735.3
	77.5°	105.0	142.2	179.7	216.9	254.1	296.6	339.5	382.0	424.6	489.2
	80°	49.8	54.5	59.3	63.7	68.4	83.8	99.3	114.7	130.2	146.6
	82.5°	23.6	25.5	27.4	29.0	30.9	32.5	34.0	35.6	37.2	35.6
	85°	6.3	6.3	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.3
	87.5°	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.5	2.5	2.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
18.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
341.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
723.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1116.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1514.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1833.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2145.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2441.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2785.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3375.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4392.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5932.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7121.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7691.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7835.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7914.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8078.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8137.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7723.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6543.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5192.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4059.6											
3149.6											
1916.2											
553.8											
163.0											
33.7											
6.0											
2.2											
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°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
0.0	2.5°	20.5	20.2	19.9	19.5	19.2	18.6	18.6	18.3	18.3
0.0	5°	22.4	22.1	21.7	21.4	21.4	21.1	20.8	20.8	20.5
0.0	7.5°	25.5	25.2	24.9	24.6	24.6	24.3	24.3	24.0	24.0
0.0	10°	29.3	29.3	29.3	29.3	29.3	29.0	29.0	29.0	28.7
0.0	12.5°	36.9	37.2	37.8	38.5	39.4	39.4	39.4	39.1	39.1
0.0	15°	58.3	61.8	64.3	66.8	69.0	74.1	73.4	72.5	71.9
0.0	17.5°	147.5	163.3	171.8	180.0	188.5	211.8	208.0	204.3	200.8
0.0	20°	382.4	423.6	451.1	478.5	506.2	550.0	539.3	528.6	517.9
0.0	22.5°	818.0	912.9	954.2	995.4	1036.4	1089.4	1055.0	1020.7	986.6
0.0	25°	1239.1	1362.4	1432.0	1501.7	1571.0	1601.3	1556.5	1511.5	1466.7
0.0	27.5°	1653.6	1792.9	1854.4	1915.6	1977.0	2040.4	1984.9	1929.1	1873.6
0.0	30°	1985.8	2138.1	2204.6	2270.8	2337.3	2381.4	2324.1	2266.4	2209.0
0.0	32.5°	2311.8	2478.2	2551.0	2623.8	2696.3	2759.7	2689.1	2618.2	2547.6
0.0	35°	2631.1	2821.2	2921.4	3021.6	3121.9	3180.8	3097.0	3012.8	2929.0
0.0	37.5°	3020.7	3255.5	3367.7	3480.0	3592.2	3699.7	3607.3	3514.6	3422.3
0.0	40°	3706.9	4038.2	4210.3	4382.7	4554.8	4693.5	4576.9	4460.3	4343.7
0.0	42.5°	4865.0	5337.8	5585.3	5832.4	6079.9	6296.4	6173.8	6051.2	5928.5
0.0	45°	6561.2	7190.4	7492.0	7793.4	8095.0	8253.3	8076.7	7899.9	7723.4
0.0	47.5°	7747.7	8374.3	8642.9	8911.4	9180.0	9360.6	9144.7	8928.8	8713.2
0.0	50°	8287.3	8883.4	9152.9	9422.1	9691.6	9835.0	9585.7	9336.0	9086.7
0.0	52.5°	8391.6	8948.6	9270.1	9592.0	9913.5	10105.1	9810.7	9516.0	9221.6
0.0	55°	8504.5	9094.9	9467.8	9841.0	10213.9	10479.3	10146.4	9813.2	9480.4
0.0	57.5°	8716.9	9355.2	9727.2	10098.8	10470.8	10696.2	10362.4	10028.2	9694.4
0.0	60°	8735.8	9333.5	9653.1	9973.1	10292.7	10434.5	10115.2	9795.6	9476.3
0.0	62.5°	8171.9	8620.5	8842.4	9064.3	9286.2	9440.4	9107.2	8773.7	8440.5
0.0	65°	6820.9	7098.6	7275.5	7452.3	7629.1	7812.9	7507.8	7202.6	6897.5
0.0	67.5°	5404.7	5617.1	5850.1	6083.0	6315.9	6512.3	6268.0	6023.4	5779.1
	70°	4346.5	4633.0	4895.0	5156.9	5418.8	5579.6	5334.4	5088.8	4843.6
	72.5°	3453.2	3756.7	3975.5	4193.9	4412.7	4452.1	4271.8	4091.5	3911.5
	75°	2096.8	2277.7	2282.2	2286.2	2290.7	2328.2	2178.8	2029.3	1880.3
	77.5°	618.5	683.1	736.3	789.3	842.6	906.9	852.0	796.9	742.0
	80°	179.0	195.4	209.3	222.9	236.7	228.5	215.6	202.7	189.8
	82.5°	32.2	30.3	29.9	29.6	29.6	28.1	25.5	23.0	20.5
	85°	5.7	5.4	5.0	4.7	4.4	4.1	3.5	3.2	2.5
	87.5°	1.9	1.6	1.3	0.9	0.9	0.3	0.3	0.3	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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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049285

CATALOG NUMBER: GALN-SA2A-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°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
0.0	0.0	2.5°	18.0	17.7	17.7	17.7	17.7	17.3	17.3	17.3	17.3
0.0	0.0	5°	19.9	19.9	19.5	19.5	19.2	19.2	18.9	18.9	18.6
0.0	0.0	7.5°	23.3	23.0	22.7	22.4	22.1	21.4	21.1	20.8	20.8
0.0	0.0	10°	28.1	27.4	27.1	26.5	26.2	25.5	24.9	24.3	23.6
0.0	0.0	12.5°	36.9	35.6	34.7	33.4	32.2	31.2	29.9	29.0	27.7
0.0	0.0	15°	64.0	60.8	57.4	53.3	48.9	44.8	40.3	37.8	35.0
0.0	0.0	17.5°	163.6	147.2	130.5	116.9	103.4	90.2	76.6	66.8	57.1
0.0	0.0	20°	416.4	371.0	325.6	280.9	235.8	191.0	145.9	123.2	100.6
0.0	0.0	22.5°	783.6	699.5	615.0	533.3	451.4	369.7	288.1	236.7	185.7
0.0	0.0	25°	1209.5	1103.6	997.7	863.4	728.8	594.5	460.2	376.7	293.1
0.0	0.0	27.5°	1573.9	1451.9	1329.9	1166.6	1003.3	840.0	676.8	552.3	428.1
0.0	0.0	30°	1889.4	1758.3	1627.1	1437.1	1247.0	1056.9	866.8	711.1	555.4
0.0	0.0	32.5°	2163.0	2006.0	1849.0	1653.0	1456.9	1260.9	1064.8	873.8	682.8
0.0	0.0	35°	2478.5	2295.4	2111.9	1894.4	1676.6	1459.1	1241.6	1026.0	810.1
0.0	0.0	37.5°	2879.5	2654.7	2429.7	2187.3	1944.9	1702.8	1460.4	1213.9	967.4
0.0	0.0	40°	3647.0	3357.0	3067.0	2759.1	2450.8	2142.8	1834.9	1532.3	1229.7
0.0	0.0	42.5°	5022.3	4630.5	4238.7	3828.9	3418.8	3009.0	2598.9	2172.1	1745.0
0.0	0.0	45°	6574.4	6088.4	5602.0	5142.1	4681.9	4222.0	3762.1	3176.4	2590.7
0.0	0.0	47.5°	7447.3	6922.4	6397.6	5962.3	5527.0	5091.7	4656.3	4025.0	3393.6
0.0	0.0	50°	7768.5	7234.2	6699.9	6299.2	5898.3	5497.7	5096.7	4464.4	3831.7
0.0	0.0	52.5°	7836.9	7291.9	6746.8	6343.7	5940.5	5537.7	5134.5	4506.3	3878.1
0.0	0.0	55°	7977.4	7392.7	6807.7	6348.1	5888.5	5428.9	4969.4	4331.0	3692.7
0.0	0.0	57.5°	8161.2	7561.7	6962.1	6438.6	5915.0	5391.7	4868.2	4170.3	3472.4
0.0	0.0	60°	8113.0	7591.3	7069.3	6508.5	5947.5	5386.7	4825.6	4058.1	3290.2
0.0	0.0	62.5°	7275.8	6860.3	6444.6	5983.4	5521.9	5060.8	4599.6	3809.4	3019.1
0.0	0.0	65°	5985.6	5682.4	5379.1	5008.1	4636.8	4265.8	3894.8	3186.2	2477.9
0.0	0.0	67.5°	4851.1	4509.5	4167.4	3871.8	3575.8	3280.1	2984.1	2426.5	1868.9
		70°	3854.1	3482.5	3110.5	2821.8	2532.7	2244.0	1955.3	1584.6	1214.2
		72.5°	3060.7	2725.7	2390.6	2082.6	1774.3	1466.4	1158.1	939.0	719.9
		75°	1462.9	1328.9	1195.0	1033.9	872.8	711.8	550.7	455.2	360.0
		77.5°	542.2	470.0	397.5	331.9	266.4	201.1	135.5	124.2	112.8
		80°	140.3	122.3	104.0	91.1	77.9	64.9	52.0	47.0	42.2
		82.5°	16.1	14.8	13.9	13.2	12.3	11.7	10.7	9.8	8.8
		85°	0.9	0.6	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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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049285

CATALOG NUMBER: GALN-SA2A-927-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	18.3	18.3
0.0	0.0	2.5°	17.0	16.7
0.0	0.0	5°	18.0	17.7
0.0	0.0	7.5°	19.9	19.2
0.0	0.0	10°	21.7	21.1
0.0	0.0	12.5°	24.6	23.6
0.0	0.0	15°	27.7	25.8
0.0	0.0	17.5°	33.1	29.0
0.0	0.0	20°	44.8	34.4
0.0	0.0	22.5°	63.0	42.9
0.0	0.0	25°	92.7	59.3
0.0	0.0	27.5°	128.9	78.8
0.0	0.0	30°	171.5	98.7
0.0	0.0	32.5°	209.0	117.6
0.0	0.0	35°	257.8	136.8
0.0	0.0	37.5°	318.1	161.4
0.0	0.0	40°	411.4	198.6
0.0	0.0	42.5°	579.4	267.3
0.0	0.0	45°	940.9	462.1
0.0	0.0	47.5°	1447.8	764.4
0.0	0.0	50°	1771.2	975.6
0.0	0.0	52.5°	1797.7	974.0
0.0	0.0	55°	1641.0	865.9
0.0	0.0	57.5°	1400.2	723.7
0.0	0.0	60°	1163.8	572.4
0.0	0.0	62.5°	917.0	395.3
0.0	0.0	65°	670.1	279.6
0.0	0.0	67.5°	481.3	209.0
		70°	316.5	160.1
		72.5°	206.2	130.5
		75°	138.7	108.1
		77.5°	81.0	71.9
		80°	28.7	25.2
		82.5°	5.4	3.8
		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: P1049285

CATALOG NUMBER: GALN-SA2A-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

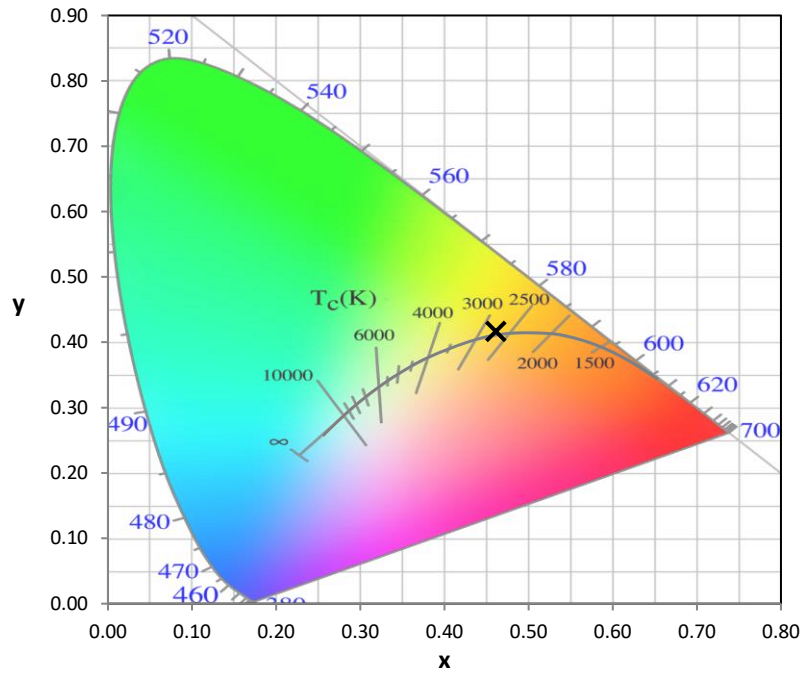
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

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

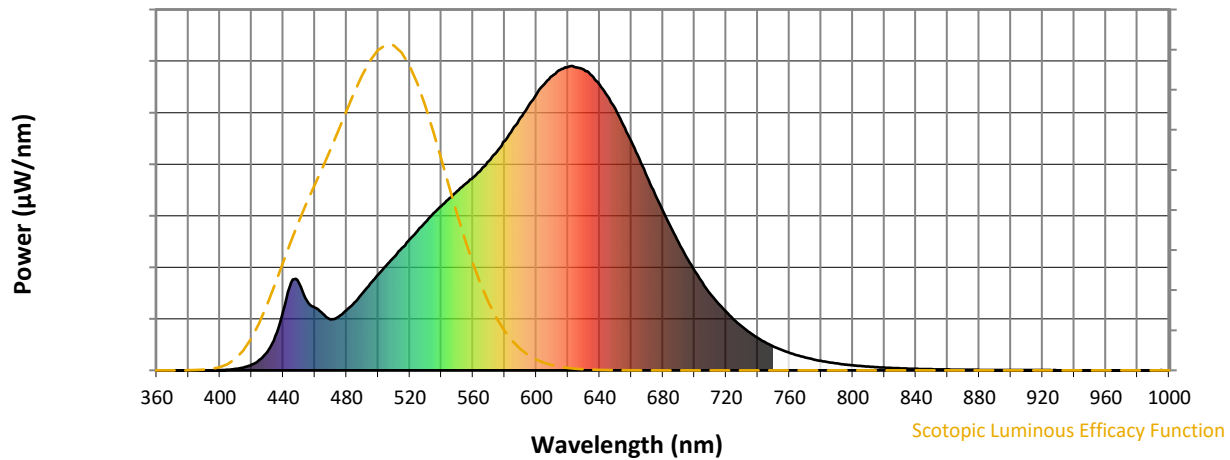


Photopic Lumens: NR

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



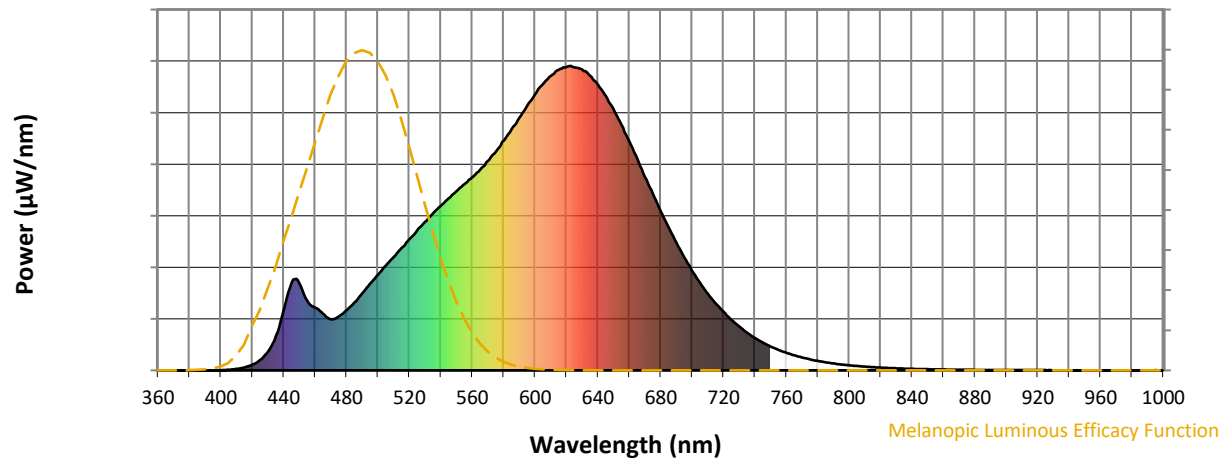
Scotopic Lumens: NR

S/P: 1.27

λ (nm)	Power 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	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 $\text{W}^{\wedge}/\text{nm}$	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

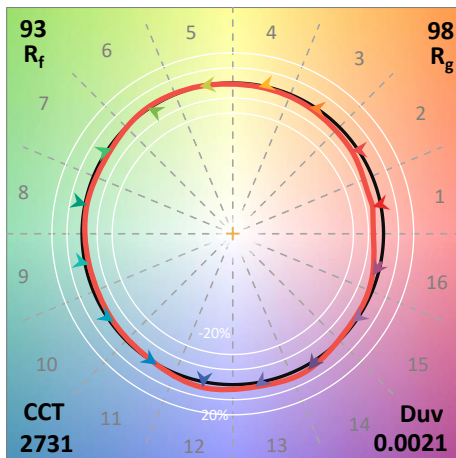
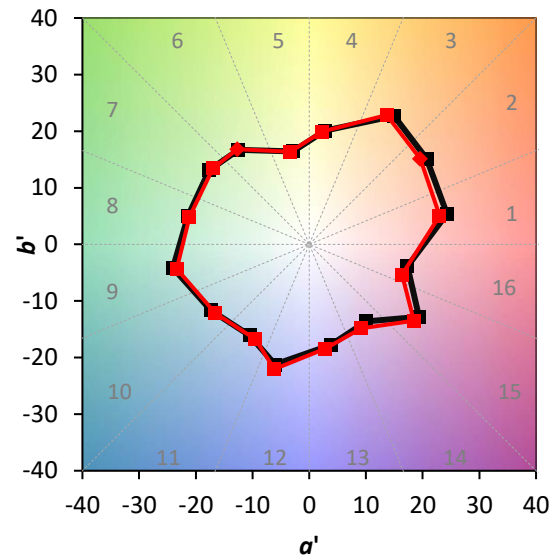
TM-30-18

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)