

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: P1048854

Luminaire Tested: **GALN-SA2B-740-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1048854
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2B-740-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
70CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8351.1 lumens
Efficiency: N/A
Efficacy: 114.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 72.8
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

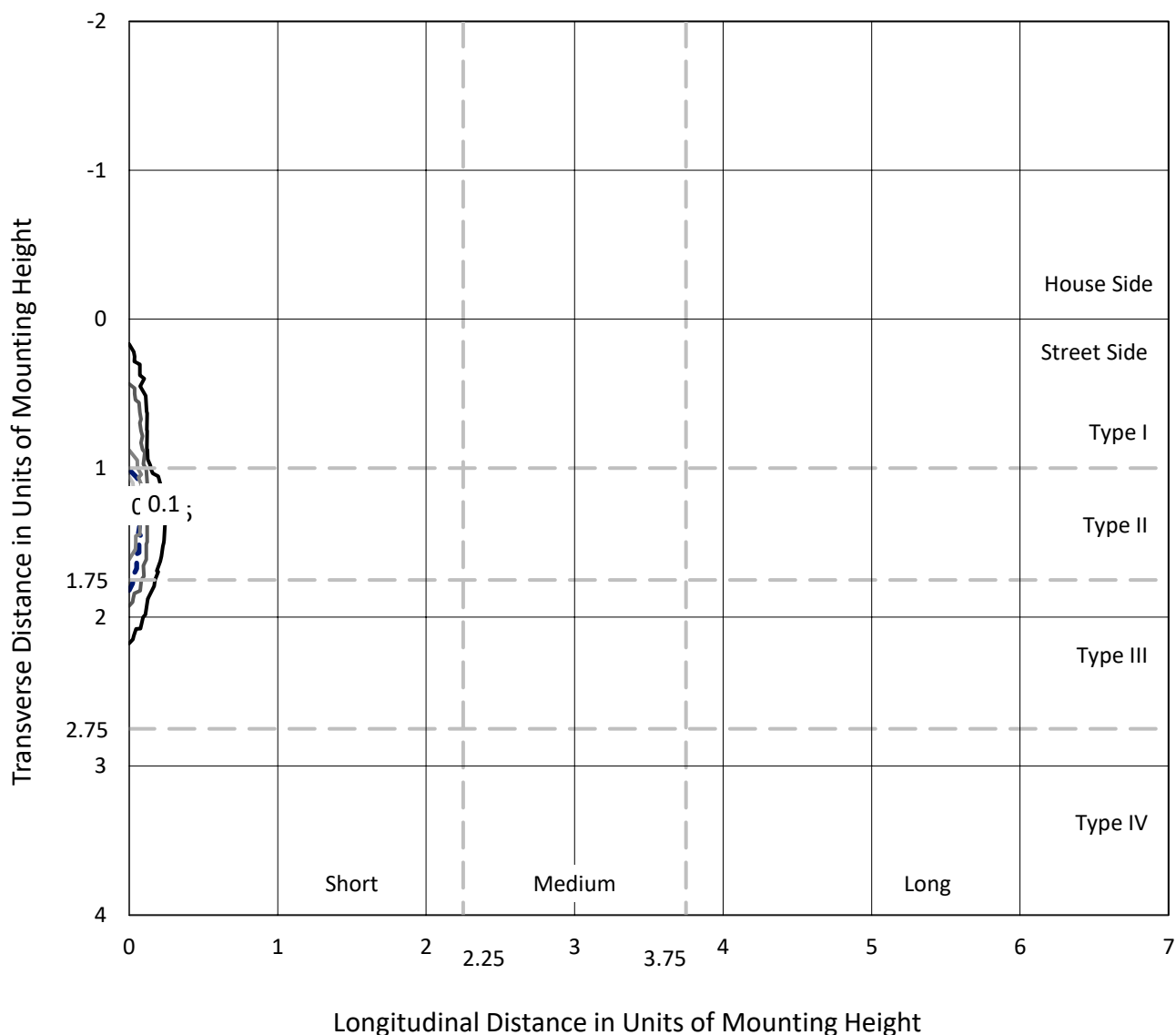
REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



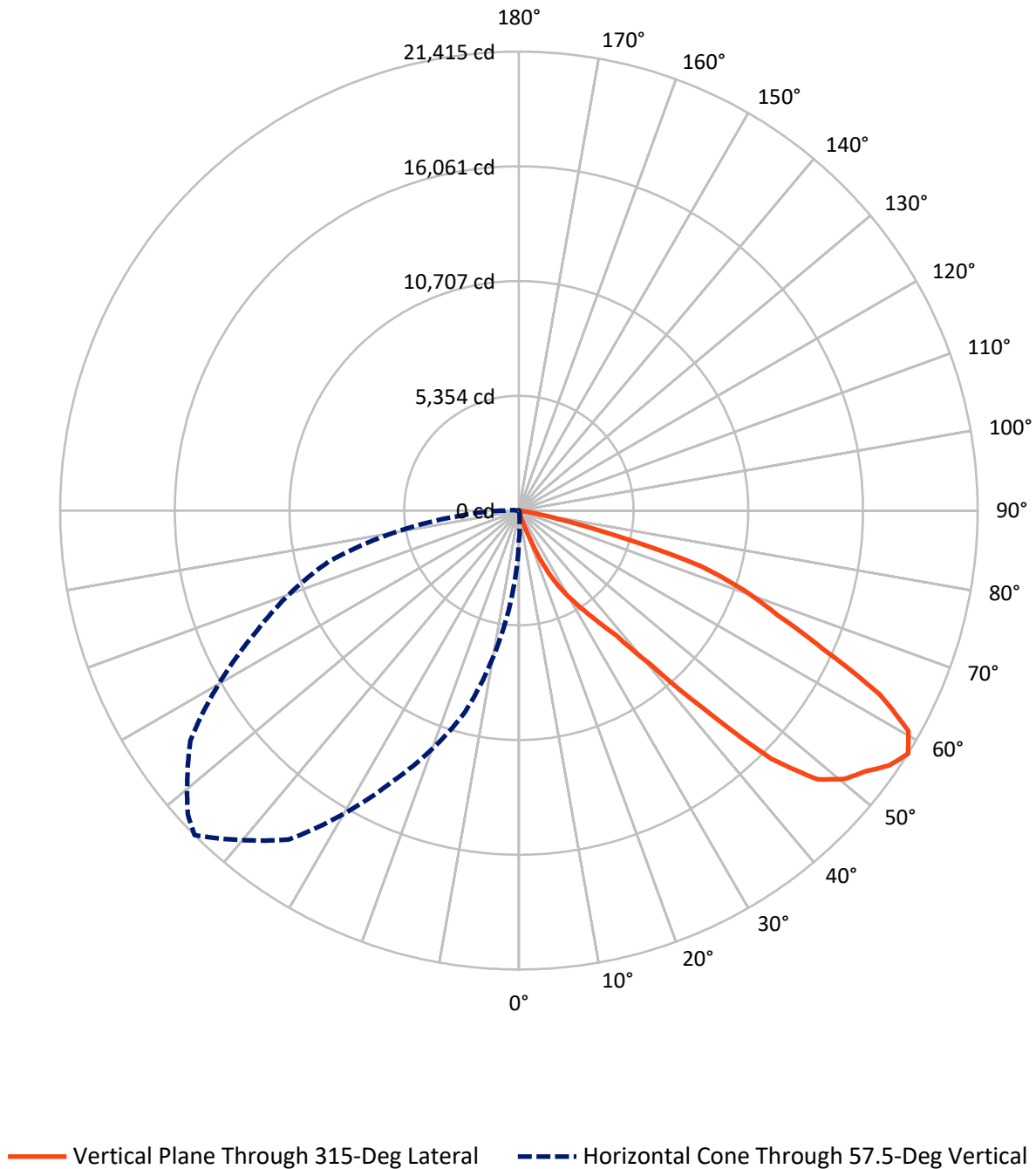
Based on 20 foot mounting height. Maximum calculated value = 1.2 fc

Type III - Short - N/A

REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	41.8	0.0	41.8
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	8309.3	0.0	8309.3
	% Fixture	99.5	0.0	99.5
Total	Lumens	8351.1	0.0	8351.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.3	0.0
10°-20°	18.3	0.2
20°-30°	197.9	2.4
30°-40°	585.3	7.0
40°-50°	1744.2	20.9
50°-60°	2765.7	33.1
60°-70°	2308.7	27.6
70°-80°	711.9	8.5
80°-90°	15.8	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	8351.1	100.0
0°-180°	8351.1	100.0

Coefficient of Utilization



REPORT NUMBER: P1048854

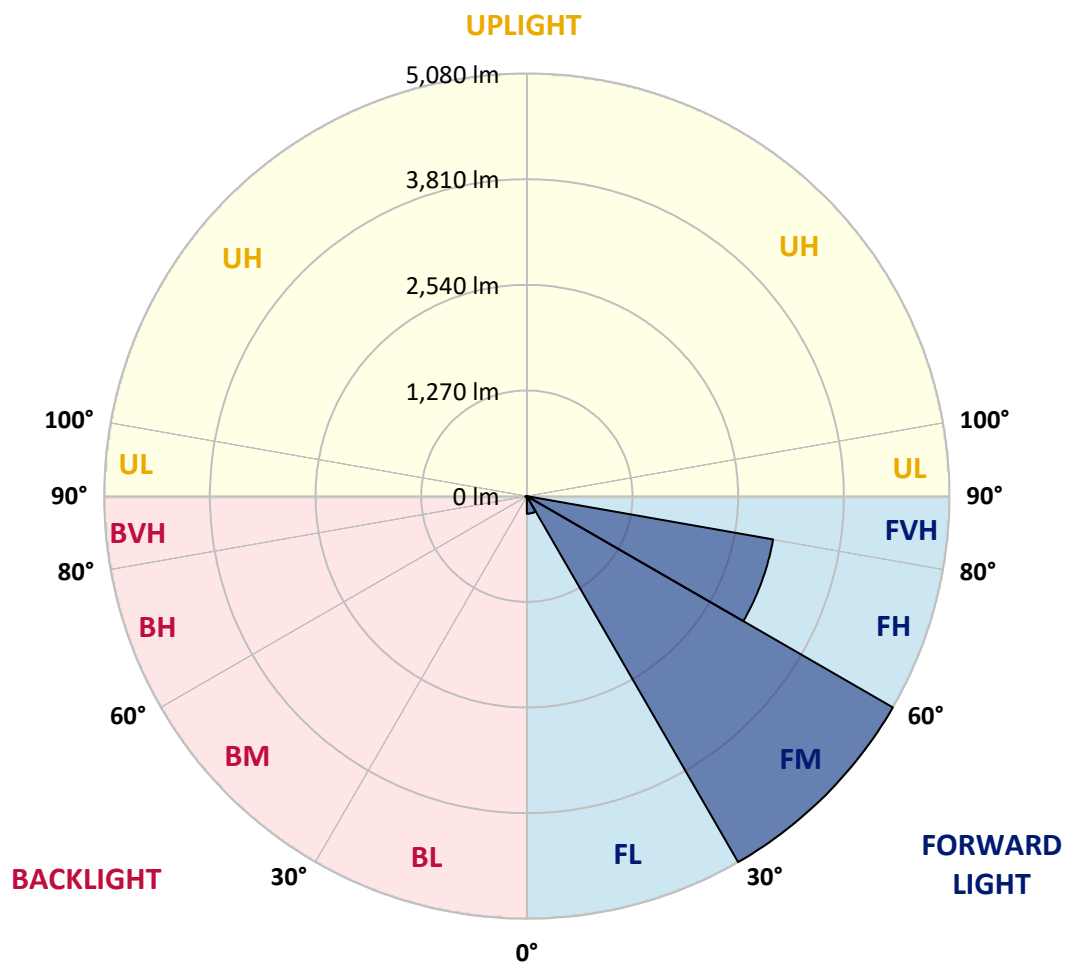
CATALOG NUMBER: GALN-SA2B-740-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	211.8	2.5			
FM	(30°-60°)	5080.2	60.8			
FH	(60°-80°)	3005.0	36.0			G2/5000
FVH	(80°-90°)	12.2	0.1			G1/100
BL	(0°-30°)	7.7	0.1	B0/110		
BM	(30°-60°)	14.9	0.2	B0/220		
BH	(60°-80°)	15.6	0.2	B0/110		G0/110
BVH	(80°-90°)	3.6	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-G2

Type III Short



REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
2.5°	33.4	33.4	33.4	33.4	32.8	32.8	32.2	32.2	31.6	31.6
5°	35.3	35.3	34.7	34.1	34.1	33.4	32.8	32.2	32.2	31.6
7.5°	38.5	37.9	37.2	36.6	35.3	34.7	33.4	32.8	32.2	30.9
10°	42.3	41.0	39.8	38.5	37.2	36.0	34.7	34.1	32.8	32.2
12.5°	47.3	45.4	42.9	41.0	39.8	37.9	36.6	35.3	33.4	32.2
15°	51.7	49.2	46.1	43.5	41.7	39.1	37.2	35.3	34.1	32.2
17.5°	58.1	53.6	48.6	45.4	42.9	39.8	36.6	34.7	32.8	30.3
20°	68.8	60.0	50.5	46.7	42.9	39.1	35.3	32.8	30.9	28.4
22.5°	85.8	70.7	55.5	49.9	44.8	39.1	34.1	31.6	29.0	26.5
25°	118.6	91.5	64.4	56.8	49.2	41.7	34.1	30.9	28.4	25.2
27.5°	157.8	117.4	76.4	65.6	55.5	44.8	34.1	30.3	27.1	23.4
30°	197.5	143.9	89.6	75.7	61.8	48.0	34.1	29.7	25.9	21.5
32.5°	235.4	168.5	101.0	84.6	68.2	51.1	34.7	29.7	24.6	19.6
35°	273.9	188.7	102.9	85.8	68.8	51.1	34.1	28.4	23.4	17.7
37.5°	323.1	211.4	99.1	82.0	65.6	48.6	32.2	27.1	22.1	16.4
40°	397.6	249.3	101.0	83.3	65.6	48.0	30.3	25.2	20.8	15.8
42.5°	535.2	322.5	109.2	89.0	68.8	48.0	27.8	23.4	19.6	15.1
45°	925.2	535.8	146.4	116.1	85.8	55.5	25.2	21.5	18.3	14.5
47.5°	1530.4	896.8	263.2	203.2	143.9	83.9	24.6	21.5	18.3	14.5
50°	1953.2	1142.3	331.3	255.0	178.6	102.2	25.9	22.1	18.9	15.1
52.5°	1950.0	1159.9	369.2	283.4	198.2	112.3	27.1	23.4	20.2	16.4
55°	1733.6	1055.2	376.1	289.0	202.6	115.5	29.0	25.2	21.5	17.7
57.5°	1449.0	896.1	343.3	265.7	188.7	111.1	33.4	29.0	25.2	20.8
60°	1146.0	706.8	267.6	211.4	155.9	99.7	44.2	38.5	33.4	27.8
62.5°	791.4	512.4	233.5	187.4	142.0	95.9	50.5	44.8	39.8	34.1
65°	559.8	385.6	210.8	171.7	133.2	94.0	54.9	48.6	42.9	36.6
67.5°	418.4	306.7	194.4	160.9	127.5	94.0	60.6	53.0	46.1	38.5
70°	320.6	251.8	182.4	155.2	128.7	101.6	74.5	63.7	53.6	42.9
72.5°	261.3	215.2	168.5	148.9	129.4	109.8	90.2	76.4	62.5	48.0
75°	216.5	184.3	152.1	135.7	119.9	103.5	87.1	74.5	62.5	49.9
77.5°	143.9	131.3	118.0	108.5	99.1	89.0	79.5	68.8	58.7	48.0
80°	50.5	48.6	46.7	50.5	54.3	58.1	61.8	54.3	47.3	39.8
82.5°	7.6	6.9	6.3	6.9	7.6	8.2	8.8	9.5	10.1	10.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
0.0	2.5°	30.9	30.9	30.3	30.3	30.3	29.7	29.7	29.0	29.0	29.0
0.0	5°	30.3	30.3	29.7	29.0	28.4	28.4	27.8	27.1	27.1	26.5
0.0	7.5°	29.7	29.0	28.4	27.8	27.1	26.5	25.9	25.2	25.2	24.6
0.0	10°	30.3	29.0	28.4	27.1	26.5	25.9	24.6	24.0	23.4	23.4
0.0	12.5°	29.0	28.4	27.1	25.9	25.2	24.0	23.4	22.1	21.5	21.5
0.0	15°	29.0	27.8	25.9	24.6	23.4	22.7	21.5	20.2	19.6	18.9
0.0	17.5°	27.1	25.9	24.0	22.7	21.5	20.2	18.9	17.7	17.0	16.4
0.0	20°	24.6	23.4	21.5	19.6	18.3	17.0	15.8	14.5	13.9	13.3
0.0	22.5°	22.1	20.8	18.9	17.0	15.8	14.5	12.6	11.4	10.7	9.5
0.0	25°	20.8	18.9	17.0	15.1	13.3	12.0	10.1	8.2	6.9	5.7
0.0	27.5°	17.7	15.8	13.9	12.0	10.1	8.2	6.3	4.4	3.2	2.5
0.0	30°	15.1	13.3	11.4	9.5	6.9	5.0	3.2	0.6	0.6	0.6
0.0	32.5°	12.6	10.7	8.2	6.3	5.0	3.2	1.9	0.0	0.0	0.0
0.0	35°	10.1	8.2	5.7	3.8	3.2	1.9	1.3	0.0	0.0	0.0
0.0	37.5°	8.8	6.9	4.4	1.9	1.3	1.3	0.6	0.0	0.0	0.0
0.0	40°	8.2	5.7	3.2	0.6	0.6	0.6	0.0	0.0	0.0	0.0
0.0	42.5°	8.2	5.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	8.2	5.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	8.2	5.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	8.8	6.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	10.1	7.6	5.0	2.5	1.9	1.3	0.6	0.0	0.0	0.0
0.0	55°	12.6	11.4	9.5	8.2	6.3	4.4	1.9	0.0	0.0	0.0
0.0	57.5°	16.4	16.4	15.8	15.1	11.4	7.6	3.8	0.0	0.0	0.0
0.0	60°	22.1	22.1	22.1	22.1	16.4	11.4	5.7	0.0	0.0	0.0
0.0	62.5°	27.1	25.9	24.0	22.7	17.0	11.4	5.7	0.0	0.0	0.0
0.0	65°	27.1	24.6	21.5	18.3	13.9	9.5	4.4	0.0	0.0	0.0
0.0	67.5°	25.2	20.2	14.5	9.5	6.9	5.0	2.5	0.0	0.0	0.0
	70°	25.2	17.7	10.1	2.5	1.9	1.3	0.6	0.0	0.0	0.0
	72.5°	25.2	17.0	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	27.8	18.9	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	27.8	18.9	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	24.6	16.4	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	8.2	5.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
0.0	2.5°	28.4	28.4	28.4	27.8	27.8	27.8	27.8	27.1	27.1	27.1
0.0	5°	25.9	25.9	25.2	25.2	24.6	24.6	24.0	24.0	23.4	23.4
0.0	7.5°	24.0	23.4	23.4	22.7	22.1	22.1	21.5	21.5	20.8	20.2
0.0	10°	22.1	21.5	21.5	20.8	20.2	19.6	19.6	18.9	18.3	17.7
0.0	12.5°	20.2	19.6	18.9	18.3	17.7	17.0	17.0	16.4	15.8	15.1
0.0	15°	17.7	17.0	16.4	15.8	15.1	14.5	14.5	13.9	13.3	12.6
0.0	17.5°	15.1	14.5	14.5	13.9	13.3	12.6	12.0	10.7	10.1	9.5
0.0	20°	11.4	10.7	10.1	9.5	8.8	7.6	6.9	5.7	4.4	3.8
0.0	22.5°	7.6	6.3	5.7	4.4	3.2	2.5	1.9	0.6	0.0	0.0
0.0	25°	2.5	1.9	1.3	0.6	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-SA2B-740-U-RBC

[illegible]

REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
0.0	2.5°	26.5	26.5	26.5	25.9	25.9	25.9	25.9	25.9	25.9	25.9
0.0	5°	22.7	22.7	22.7	22.1	22.1	21.5	21.5	21.5	20.8	20.8
0.0	7.5°	19.6	18.9	18.9	18.3	18.3	17.7	17.7	17.7	17.0	17.0
0.0	10°	16.4	15.8	15.8	15.1	15.1	14.5	14.5	13.9	13.9	13.3
0.0	12.5°	14.5	13.9	13.3	12.6	12.6	12.0	11.4	11.4	10.7	10.1
0.0	15°	11.4	10.7	10.1	9.5	8.8	8.2	7.6	7.6	6.9	6.3
0.0	17.5°	7.6	6.3	5.7	5.0	5.0	4.4	3.8	3.2	2.5	1.9
0.0	20°	1.9	1.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
0.0	2.5°	25.9	25.2	25.2	25.2	25.9	25.9	25.9	25.9	25.9	25.9
0.0	5°	20.8	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
0.0	7.5°	17.0	16.4	16.4	16.4	16.4	15.8	15.8	15.8	15.8	15.8
0.0	10°	13.3	12.6	12.6	12.6	12.6	12.0	12.0	12.0	12.0	12.0
0.0	12.5°	9.5	9.5	8.8	8.8	8.8	8.2	8.2	8.2	8.2	7.6
0.0	15°	5.7	5.0	4.4	4.4	4.4	3.8	3.8	3.8	3.8	3.2
0.0	17.5°	1.3	1.3	0.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
0.0	2.5°	26.5	26.5	27.1	27.1	27.8	29.0	29.7	30.3	31.6	32.8
0.0	5°	20.8	21.5	21.5	22.1	22.7	23.4	24.0	24.6	25.9	27.1
0.0	7.5°	16.4	16.4	17.0	17.0	17.7	18.9	19.6	20.2	21.5	23.4
0.0	10°	12.6	12.6	13.3	13.3	13.9	15.1	15.8	16.4	17.7	19.6
0.0	12.5°	8.2	8.8	8.8	9.5	10.1	11.4	12.0	12.6	13.9	15.1
0.0	15°	3.8	4.4	4.4	5.0	5.7	6.9	7.6	8.2	9.5	11.4
0.0	17.5°	0.6	0.6	1.3	1.3	1.9	2.5	3.2	3.8	5.7	6.9
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.5
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
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-SA2B-740-U-RBC

[illegible]

REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
0.0	2.5°	34.7	36.0	37.2	38.5	39.8	41.0	41.7	42.9	43.5	44.2
0.0	5°	29.7	30.9	32.8	34.1	35.3	36.6	37.9	38.5	39.1	39.8
0.0	7.5°	25.9	27.1	29.0	30.3	31.6	32.8	34.1	35.3	36.0	36.6
0.0	10°	22.1	24.0	25.2	27.1	28.4	29.7	30.9	32.2	33.4	34.1
0.0	12.5°	17.7	19.6	21.5	22.7	24.6	26.5	27.8	29.0	30.3	31.6
0.0	15°	13.9	15.8	17.7	18.9	20.8	22.7	24.6	25.9	27.1	28.4
0.0	17.5°	10.1	12.0	13.9	15.1	17.0	18.9	20.2	22.1	23.4	24.6
0.0	20°	5.0	6.9	8.8	10.7	12.6	14.5	15.8	17.7	18.9	20.2
0.0	22.5°	0.6	2.5	4.4	5.7	7.6	9.5	10.7	12.6	13.9	15.1
0.0	25°	0.0	0.6	1.9	2.5	3.2	4.4	5.7	6.9	8.2	9.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.6	1.3	2.5	3.8	5.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	1.3
	85°	0.0	0.0	0.0	0.0	0.0	1.3	1.9	3.2	3.8	4.4
	87.5°	0.0	0.6	1.3	1.9	2.5	3.8	5.0	6.3	6.9	7.6
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
36.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	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
0.0											
0.0											
0.0											
0.0											
0.6											
2.5											
5.7											
8.2											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
0.0	2.5°	44.8	44.8	44.8	44.8	44.2	44.2	44.2	43.5	43.5	42.9
0.0	5°	41.0	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.0	41.0
0.0	7.5°	37.9	38.5	39.1	39.1	39.8	39.8	39.8	39.1	39.1	38.5
0.0	10°	36.0	36.6	36.6	37.2	37.2	37.2	37.2	37.2	37.2	37.2
0.0	12.5°	33.4	34.1	34.7	34.7	35.3	35.3	35.3	35.3	34.7	34.7
0.0	15°	30.3	31.6	32.2	32.8	32.8	33.4	33.4	33.4	33.4	33.4
0.0	17.5°	27.8	29.0	29.7	30.3	30.3	30.9	30.9	31.6	31.6	31.6
0.0	20°	22.7	24.0	24.6	25.9	26.5	27.1	27.8	28.4	28.4	29.0
0.0	22.5°	17.7	18.9	19.6	20.8	21.5	22.1	22.7	23.4	24.0	24.6
0.0	25°	12.6	13.9	14.5	15.8	16.4	17.0	17.7	18.3	18.3	18.9
0.0	27.5°	6.9	8.2	9.5	10.1	11.4	12.0	12.6	13.3	13.9	14.5
0.0	30°	3.2	3.8	4.4	5.7	6.3	6.9	7.6	8.8	9.5	10.1
0.0	32.5°	0.0	0.0	0.6	1.9	2.5	3.2	3.8	4.4	4.4	5.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.3	1.9	2.5
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°	1.3	1.3	1.3	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	82.5°	3.2	3.8	4.4	4.4	5.0	5.0	5.0	5.0	4.4	4.4
	85°	6.3	6.9	7.6	7.6	8.2	8.2	8.2	8.2	8.2	8.2
	87.5°	8.8	9.5	10.1	10.1	10.7	10.7	10.7	10.7	10.7	10.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
36.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	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											
1.9											
4.4											
8.2											
10.7											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
0.0	0°	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
0.0	2.5°	42.3	42.3	41.7	41.7	41.7	41.7	41.7	42.3	42.9	42.9
0.0	5°	40.4	40.4	39.8	39.8	39.8	40.4	40.4	41.0	41.7	42.3
0.0	7.5°	38.5	37.9	37.9	38.5	38.5	39.1	39.1	39.8	40.4	41.0
0.0	10°	37.2	36.6	36.6	36.6	37.2	37.2	37.9	38.5	39.1	39.8
0.0	12.5°	34.7	34.7	34.7	34.7	35.3	35.3	36.0	36.6	37.9	38.5
0.0	15°	33.4	32.8	32.8	32.8	32.8	33.4	33.4	34.7	36.0	36.6
0.0	17.5°	30.9	30.9	30.3	30.3	30.9	30.9	31.6	32.8	34.1	34.7
0.0	20°	28.4	27.8	27.1	27.1	27.8	27.8	28.4	29.7	30.9	31.6
0.0	22.5°	24.6	24.0	24.0	24.0	24.0	24.6	24.6	25.9	27.8	29.0
0.0	25°	19.6	20.2	20.2	20.8	20.8	21.5	22.1	23.4	25.2	26.5
0.0	27.5°	15.1	15.8	15.8	17.0	17.7	18.3	18.9	20.8	22.7	24.0
0.0	30°	11.4	12.0	12.6	13.3	14.5	15.8	17.0	18.9	20.8	22.1
0.0	32.5°	6.9	8.2	8.8	10.1	11.4	12.6	13.9	15.8	18.3	20.2
0.0	35°	5.0	5.7	6.9	7.6	8.8	10.1	11.4	13.9	15.8	18.3
0.0	37.5°	2.5	3.8	5.0	6.3	7.6	8.8	10.1	12.6	15.1	17.0
0.0	40°	1.9	3.2	3.8	5.0	6.9	8.2	9.5	12.0	14.5	17.0
0.0	42.5°	1.3	1.9	2.5	4.4	5.7	7.6	9.5	12.0	14.5	17.0
0.0	45°	1.3	1.3	1.9	3.8	5.7	8.2	10.1	12.6	14.5	17.0
0.0	47.5°	1.3	1.9	2.5	5.0	6.3	8.2	10.1	12.0	14.5	16.4
0.0	50°	1.9	2.5	3.2	5.7	6.9	8.8	10.1	12.6	14.5	17.0
0.0	52.5°	1.3	1.9	2.5	5.0	6.9	9.5	11.4	13.9	16.4	18.3
0.0	55°	0.6	0.6	0.6	3.8	7.6	10.7	14.5	16.4	18.9	20.8
0.0	57.5°	0.0	0.0	0.0	2.5	7.6	12.0	16.4	18.9	21.5	23.4
0.0	60°	0.0	0.0	0.0	2.5	7.6	12.0	16.4	19.6	22.7	25.9
0.0	62.5°	0.0	0.0	0.0	2.5	6.3	10.1	13.9	18.9	24.6	29.7
0.0	65°	0.0	0.0	0.0	1.9	5.0	8.2	11.4	18.9	26.5	33.4
0.0	67.5°	0.0	0.0	0.0	1.9	5.0	7.6	10.7	18.9	26.5	34.7
	70°	0.0	0.0	0.0	1.9	5.0	8.2	11.4	18.9	26.5	34.1
	72.5°	0.0	0.0	0.0	1.9	5.7	8.8	12.6	18.9	25.2	31.6
	75°	0.0	0.0	0.0	2.5	5.7	9.5	13.3	18.9	24.6	29.7
	77.5°	0.0	0.0	0.0	1.9	5.7	8.8	12.6	18.3	24.0	29.0
	80°	1.9	1.3	1.3	3.2	5.7	8.2	10.7	16.4	22.7	28.4
	82.5°	3.8	3.8	3.2	4.4	5.7	7.6	9.5	14.5	20.2	25.2
	85°	7.6	7.6	6.9	7.6	7.6	8.2	8.8	11.4	13.9	16.4
	87.5°	10.1	10.1	9.5	9.5	9.5	8.8	8.8	8.8	8.8	8.2
	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

REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
36.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7											
37.9											
35.3											
34.7											
34.1											
30.3											
18.9											
8.2											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
0.0	2.5°	44.2	44.8	44.8	45.4	46.1	46.7	46.7	47.3	47.3	47.3
0.0	5°	43.5	44.8	45.4	46.1	46.7	47.3	48.0	48.6	49.2	49.2
0.0	7.5°	42.9	43.5	44.8	45.4	46.7	47.3	48.6	49.2	49.9	50.5
0.0	10°	41.7	42.9	44.2	45.4	46.7	48.0	49.2	50.5	51.7	52.4
0.0	12.5°	40.4	42.3	43.5	44.8	46.7	48.6	49.9	51.7	53.0	54.3
0.0	15°	39.8	41.0	42.9	44.2	46.7	49.2	51.1	53.6	56.2	58.1
0.0	17.5°	37.9	40.4	42.3	44.2	46.7	49.9	52.4	54.9	58.7	62.5
0.0	20°	35.3	37.2	39.8	41.7	45.4	48.6	52.4	55.5	61.2	66.9
0.0	22.5°	32.8	35.3	37.2	39.8	44.2	48.0	52.4	56.2	65.6	74.5
0.0	25°	30.3	33.4	36.0	38.5	43.5	48.6	53.6	58.7	74.5	90.2
0.0	27.5°	29.0	31.6	34.7	37.2	43.5	50.5	56.8	63.1	88.4	113.0
0.0	30°	27.1	30.3	32.8	36.0	44.2	52.4	60.6	68.8	107.3	145.8
0.0	32.5°	25.2	28.4	31.6	34.7	45.4	56.2	66.3	77.0	127.5	177.3
0.0	35°	23.4	27.1	30.3	33.4	47.3	61.8	75.7	89.6	145.8	201.3
0.0	37.5°	22.7	26.5	29.7	32.8	48.0	62.5	77.6	92.1	147.7	203.2
0.0	40°	23.4	26.5	30.3	33.4	46.1	58.7	70.7	83.3	141.4	198.8
0.0	42.5°	23.4	27.1	30.9	34.7	44.8	54.9	65.0	75.1	139.5	203.8
0.0	45°	22.7	26.5	30.3	34.1	43.5	52.4	61.8	70.7	150.8	230.3
0.0	47.5°	22.1	25.9	29.7	33.4	42.9	52.4	61.8	71.3	195.0	318.1
0.0	50°	22.1	25.9	29.0	32.2	43.5	55.5	66.9	78.3	284.0	489.1
0.0	52.5°	23.4	26.5	29.0	31.6	44.8	58.7	71.9	85.2	361.0	636.1
0.0	55°	25.2	27.1	29.7	31.6	48.0	63.7	80.1	95.9	384.3	672.7
0.0	57.5°	27.8	29.7	31.6	33.4	53.6	73.8	93.4	113.6	386.2	658.2
0.0	60°	30.9	33.4	35.3	37.2	58.7	80.8	102.2	123.7	349.6	574.9
0.0	62.5°	37.9	41.0	43.5	46.7	67.5	87.7	108.5	128.7	290.3	451.9
0.0	65°	43.5	46.1	48.6	51.1	71.3	92.1	112.3	132.5	246.1	359.7
0.0	67.5°	44.8	47.3	49.2	51.7	72.6	93.4	113.6	134.4	210.8	286.5
	70°	45.4	48.6	52.4	55.5	77.0	98.4	119.3	140.7	186.8	232.9
	72.5°	43.5	49.9	55.5	61.2	81.4	101.0	121.2	140.7	173.5	206.4
	75°	43.5	52.4	60.6	68.8	83.9	98.4	113.6	128.1	153.4	178.6
	77.5°	46.1	57.4	68.8	80.1	89.0	97.2	106.0	114.2	130.6	147.0
	80°	46.1	58.1	69.4	81.4	85.2	89.6	93.4	97.2	99.1	101.0
	82.5°	39.8	49.2	58.7	68.2	63.7	59.3	54.9	50.5	47.3	43.5
	85°	20.2	22.1	23.4	24.6	22.7	20.8	18.9	17.0	15.8	13.9
	87.5°	8.2	8.2	7.6	7.6	7.6	7.6	6.9	6.9	6.9	6.9
	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: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
36.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
186.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
253.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
316.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
359.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
391.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
423.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
486.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
612.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
934.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1430.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1801.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1842.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1662.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1421.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1110.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
839.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
619.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
438.6											
326.3											
237.3											
178.6											
100.3											
45.4											
13.3											
6.3											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
0.0	2.5°	47.3	46.7	46.7	46.1	45.4	44.8	44.2	43.5	42.9	42.3
0.0	5°	49.2	49.2	49.2	48.6	48.6	48.0	48.0	47.3	46.7	46.1
0.0	7.5°	51.1	51.7	51.7	52.4	52.4	52.4	52.4	51.7	51.7	51.7
0.0	10°	54.3	54.9	55.5	56.2	56.8	57.4	57.4	58.1	58.1	58.1
0.0	12.5°	58.1	60.0	61.2	63.1	64.4	66.3	67.5	69.4	70.7	71.9
0.0	15°	63.7	66.9	70.7	73.8	77.0	81.4	86.5	90.9	95.3	102.2
0.0	17.5°	71.9	82.0	92.1	101.6	111.7	133.8	155.9	177.3	199.4	231.6
0.0	20°	87.7	118.0	147.7	178.0	207.6	285.2	362.2	439.9	516.9	599.5
0.0	22.5°	123.1	197.5	272.0	346.5	420.9	583.1	744.7	906.9	1068.4	1258.4
0.0	25°	178.6	315.5	452.5	588.8	725.7	979.4	1233.8	1487.5	1741.2	1987.9
0.0	27.5°	260.0	469.5	679.0	887.9	1097.5	1441.4	1786.0	2129.9	2473.8	2752.8
0.0	30°	360.3	644.3	928.3	1212.3	1496.3	1887.6	2278.8	2669.5	3060.8	3365.6
0.0	32.5°	455.0	802.7	1150.5	1497.6	1845.3	2290.8	2737.0	3182.6	3628.1	3961.3
0.0	35°	516.9	937.2	1358.1	1778.4	2198.7	2680.8	3163.0	3644.5	4126.7	4507.2
0.0	37.5°	578.7	1064.0	1548.7	2034.0	2518.7	3048.1	3577.6	4107.1	4636.6	5106.7
0.0	40°	648.1	1217.4	1786.0	2355.2	2923.8	3551.1	4177.8	4805.1	5431.7	6095.0
0.0	42.5°	768.7	1471.7	2175.3	2878.4	3581.4	4411.3	5241.1	6070.4	6900.3	7846.9
0.0	45°	995.2	1986.0	2977.5	3968.3	4959.1	6058.4	7158.4	8257.7	9357.1	10616.7
0.0	47.5°	1549.9	2913.1	4275.6	5638.7	7001.2	8188.3	9374.7	10561.8	11748.3	13002.8
0.0	50°	2371.6	3958.2	5544.7	7130.6	8717.2	9791.3	10864.7	11938.8	13012.3	14205.7
0.0	52.5°	2966.1	4618.9	6272.3	7925.1	9578.0	10547.3	11517.3	12486.6	13456.0	14571.1
0.0	55°	3010.9	4654.2	6298.2	7941.6	9584.9	10558.7	11532.4	12506.2	13479.9	14662.0
0.0	57.5°	2665.7	4295.8	5925.2	7555.3	9184.8	10293.6	11401.8	12510.6	13618.8	14896.7
0.0	60°	2267.5	3898.2	5528.3	7159.0	8789.1	10066.4	11344.4	12621.7	13899.0	15096.2
0.0	62.5°	1768.9	3446.3	5124.4	6801.8	8479.2	9776.1	11073.0	12369.2	13666.1	14564.1
0.0	65°	1318.3	2947.2	4576.0	6204.2	7833.0	8871.8	9910.5	10948.7	11987.4	12543.4
0.0	67.5°	952.9	2357.7	3761.9	5166.7	6570.8	7314.3	8057.7	8800.5	9543.9	9969.2
	70°	644.3	1617.5	2590.0	3563.1	4535.6	5146.5	5758.0	6368.9	6979.8	7554.1
	72.5°	446.2	992.7	1539.8	2086.4	2632.9	3247.6	3861.6	4476.3	5090.3	5698.1
	75°	296.0	544.6	793.9	1042.6	1291.2	1746.2	2201.9	2656.9	3111.9	3474.1
	77.5°	210.2	284.6	359.7	434.2	508.7	593.8	679.7	764.9	850.1	979.4
	80°	99.7	109.2	118.6	127.5	136.9	167.9	198.8	229.7	260.6	293.5
	82.5°	47.3	51.1	54.9	58.1	61.8	65.0	68.2	71.3	74.5	71.3
	85°	12.6	12.6	13.3	13.3	13.3	13.3	13.3	13.3	13.3	12.6
	87.5°	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.0	5.0	4.4
	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: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
36.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
263.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
682.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1448.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2234.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3031.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3671.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4295.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4887.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5577.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6758.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8793.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11876.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14257.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15399.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15686.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15844.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16174.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16292.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15462.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13100.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10395.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8127.7											
6305.8											
3836.4											
1108.8											
326.3											
67.5											
12.0											
4.4											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
0.0	2.5°	41.0	40.4	39.8	39.1	38.5	37.2	37.2	36.6	36.6
0.0	5°	44.8	44.2	43.5	42.9	42.9	42.3	41.7	41.7	41.0
0.0	7.5°	51.1	50.5	49.9	49.2	49.2	48.6	48.6	48.0	48.0
0.0	10°	58.7	58.7	58.7	58.7	58.7	58.1	58.1	58.1	57.4
0.0	12.5°	73.8	74.5	75.7	77.0	78.9	78.9	78.9	78.3	78.3
0.0	15°	116.8	123.7	128.7	133.8	138.2	148.3	147.0	145.1	143.9
0.0	17.5°	295.3	326.9	343.9	360.3	377.4	424.1	416.5	408.9	402.0
0.0	20°	765.5	848.2	903.1	958.0	1013.5	1101.2	1079.8	1058.3	1036.9
0.0	22.5°	1637.7	1827.6	1910.3	1993.0	2075.0	2181.0	2112.2	2043.4	1975.3
0.0	25°	2480.8	2727.5	2867.0	3006.5	3145.3	3205.9	3116.3	3026.0	2936.4
0.0	27.5°	3310.7	3589.6	3712.7	3835.1	3958.2	4085.0	3973.9	3862.2	3751.2
0.0	30°	3975.8	4280.6	4413.8	4546.3	4679.5	4767.8	4653.0	4537.5	4422.6
0.0	32.5°	4628.4	4961.6	5107.4	5253.1	5398.3	5525.1	5383.8	5241.8	5100.4
0.0	35°	5267.7	5648.2	5848.9	6049.6	6250.3	6368.3	6200.4	6031.9	5864.0
0.0	37.5°	6047.7	6517.8	6742.5	6967.2	7191.8	7407.0	7222.1	7036.6	6851.7
0.0	40°	7421.5	8084.8	8429.4	8774.6	9119.2	9396.8	9163.3	8929.8	8696.3
0.0	42.5°	9740.1	10686.8	11182.2	11676.9	12172.3	12605.9	12360.4	12114.9	11869.4
0.0	45°	13136.0	14395.6	14999.6	15602.9	16206.9	16523.7	16170.3	15816.2	15462.8
0.0	47.5°	15511.4	16766.0	17303.7	17841.4	18379.0	18740.7	18308.4	17876.1	17444.4
0.0	50°	16591.8	17785.2	18324.8	18863.7	19403.3	19690.4	19191.3	18691.4	18192.2
0.0	52.5°	16800.7	17915.8	18559.5	19203.9	19847.6	20231.3	19641.8	19051.8	18462.4
0.0	55°	17026.6	18208.7	18955.2	19702.4	20449.0	20980.4	20314.0	19646.9	18980.5
0.0	57.5°	17452.0	18729.9	19474.6	20218.7	20963.3	21414.6	20746.2	20077.3	19409.0
0.0	60°	17489.9	18686.4	19326.3	19966.9	20606.8	20890.8	20251.5	19611.6	18972.3
0.0	62.5°	16360.8	17258.9	17703.2	18147.4	18591.7	18900.3	18233.3	17565.6	16898.5
0.0	65°	13656.0	14212.0	14566.0	14920.1	15274.1	15642.0	15031.2	14420.3	13809.4
0.0	67.5°	10820.6	11245.9	11712.3	12178.7	12645.0	13038.2	12549.1	12059.4	11570.3
	70°	8702.0	9275.7	9800.1	10324.5	10849.0	11170.8	10679.8	10188.2	9697.2
	72.5°	6913.5	7521.3	7959.2	8396.6	8834.5	8913.4	8552.4	8191.5	7831.1
	75°	4198.0	4560.2	4569.0	4577.2	4586.1	4661.2	4362.1	4062.9	3764.4
	77.5°	1238.2	1367.6	1474.2	1580.2	1686.9	1815.6	1705.8	1595.4	1485.6
	80°	358.5	391.3	419.0	446.2	473.9	457.5	431.7	405.8	379.9
	82.5°	64.4	60.6	60.0	59.3	59.3	56.2	51.1	46.1	41.0
	85°	11.4	10.7	10.1	9.5	8.8	8.2	6.9	6.3	5.0
	87.5°	3.8	3.2	2.5	1.9	1.9	0.6	0.6	0.6	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

CATALOG NUMBER: GALN-SA2B-740-U-RBC

[illegible]

REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
0.0	0.0	2.5°	36.0	35.3	35.3	35.3	35.3	34.7	34.7	34.7	34.7
0.0	0.0	5°	39.8	39.8	39.1	39.1	38.5	38.5	37.9	37.9	37.2
0.0	0.0	7.5°	46.7	46.1	45.4	44.8	44.2	42.9	42.3	41.7	41.7
0.0	0.0	10°	56.2	54.9	54.3	53.0	52.4	51.1	49.9	48.6	47.3
0.0	0.0	12.5°	73.8	71.3	69.4	66.9	64.4	62.5	60.0	58.1	55.5
0.0	0.0	15°	128.1	121.8	114.9	106.7	97.8	89.6	80.8	75.7	70.1
0.0	0.0	17.5°	327.5	294.7	261.3	234.1	207.0	180.5	153.4	133.8	114.2
0.0	0.0	20°	833.7	742.8	651.9	562.3	472.1	382.4	292.2	246.8	201.3
0.0	0.0	22.5°	1568.9	1400.4	1231.2	1067.8	903.7	740.3	576.8	473.9	371.7
0.0	0.0	25°	2421.5	2209.4	1997.4	1728.5	1459.1	1190.2	921.4	754.1	586.9
0.0	0.0	27.5°	3151.0	2906.8	2662.5	2335.6	2008.7	1681.8	1354.9	1105.7	857.0
0.0	0.0	30°	3782.7	3520.2	3257.7	2877.1	2496.6	2116.0	1735.5	1423.7	1112.0
0.0	0.0	32.5°	4330.5	4016.2	3701.9	3309.4	2916.9	2524.3	2131.8	1749.4	1366.9
0.0	0.0	35°	4962.2	4595.6	4228.3	3792.8	3356.7	2921.3	2485.8	2054.2	1621.9
0.0	0.0	37.5°	5764.9	5315.0	4864.4	4379.1	3893.8	3409.1	2923.8	2430.3	1936.8
0.0	0.0	40°	7301.6	6721.0	6140.4	5523.9	4906.7	4290.1	3673.5	3067.7	2461.9
0.0	0.0	42.5°	10055.1	9270.6	8486.2	7665.8	6844.7	6024.3	5203.3	4348.8	3493.7
0.0	0.0	45°	13162.5	12189.4	11215.6	10294.9	9373.5	8452.7	7532.0	6359.4	5186.9
0.0	0.0	47.5°	14910.0	13859.2	12808.5	11936.9	11065.4	10193.9	9322.4	8058.3	6794.2
0.0	0.0	50°	15553.1	14483.4	13413.7	12611.6	11808.8	11006.7	10204.0	8938.0	7671.5
0.0	0.0	52.5°	15690.0	14598.9	13507.7	12700.6	11893.4	11086.9	10279.7	9022.0	7764.2
0.0	0.0	55°	15971.5	14800.8	13629.5	12709.4	11789.3	10869.2	9949.0	8671.1	7393.1
0.0	0.0	57.5°	16339.4	15139.1	13938.7	12890.5	11842.3	10794.7	9746.5	8349.2	6952.0
0.0	0.0	60°	16242.8	15198.4	14153.3	13030.6	11907.3	10784.6	9661.3	8124.6	6587.3
0.0	0.0	62.5°	14566.7	13734.9	12902.5	11979.2	11055.3	10132.0	9208.8	7626.6	6044.5
0.0	0.0	65°	11983.6	11376.5	10769.4	10026.7	9283.2	8540.5	7797.7	6379.0	4960.9
0.0	0.0	67.5°	9712.4	9028.3	8343.6	7751.6	7159.0	6567.1	5974.5	4858.1	3741.7
		70°	7716.3	6972.2	6227.5	5649.5	5070.8	4492.7	3914.6	3172.5	2430.9
		72.5°	6127.8	5457.0	4786.1	4169.6	3552.4	2935.8	2318.6	1880.0	1441.4
		75°	2928.9	2660.6	2392.4	2070.0	1747.5	1425.0	1102.5	911.3	720.7
		77.5°	1085.5	940.9	795.8	664.5	533.3	402.6	271.4	248.6	225.9
		80°	280.8	244.9	208.3	182.4	155.9	130.0	104.1	94.0	84.6
		82.5°	32.2	29.7	27.8	26.5	24.6	23.4	21.5	19.6	17.7
		85°	1.9	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048854
CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	36.6	36.6
0.0	0.0	2.5°	34.1	33.4
0.0	0.0	5°	36.0	35.3
0.0	0.0	7.5°	39.8	38.5
0.0	0.0	10°	43.5	42.3
0.0	0.0	12.5°	49.2	47.3
0.0	0.0	15°	55.5	51.7
0.0	0.0	17.5°	66.3	58.1
0.0	0.0	20°	89.6	68.8
0.0	0.0	22.5°	126.2	85.8
0.0	0.0	25°	185.5	118.6
0.0	0.0	27.5°	258.1	157.8
0.0	0.0	30°	343.3	197.5
0.0	0.0	32.5°	418.4	235.4
0.0	0.0	35°	516.2	273.9
0.0	0.0	37.5°	636.8	323.1
0.0	0.0	40°	823.6	397.6
0.0	0.0	42.5°	1159.9	535.2
0.0	0.0	45°	1883.8	925.2
0.0	0.0	47.5°	2898.6	1530.4
0.0	0.0	50°	3546.1	1953.2
0.0	0.0	52.5°	3599.1	1950.0
0.0	0.0	55°	3285.4	1733.6
0.0	0.0	57.5°	2803.3	1449.0
0.0	0.0	60°	2330.0	1146.0
0.0	0.0	62.5°	1835.8	791.4
0.0	0.0	65°	1341.7	559.8
0.0	0.0	67.5°	963.7	418.4
		70°	633.6	320.6
		72.5°	412.7	261.3
		75°	277.7	216.5
		77.5°	162.2	143.9
		80°	57.4	50.5
		82.5°	10.7	7.6
		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: P1048854

CATALOG NUMBER: GALN-SA2B-740-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-1

Test Date: 10/09/2024

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

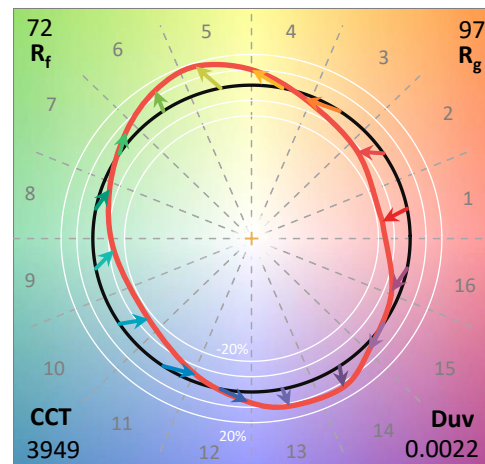
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

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



Test Conditions

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

REPORT NUMBER: SP1-2407-184-1

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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



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



REPORT NUMBER: SP1-2407-184-1

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

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.47

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

REPORT NUMBER: SP1-2407-184-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

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

REPORT NUMBER: SP1-2407-184-1

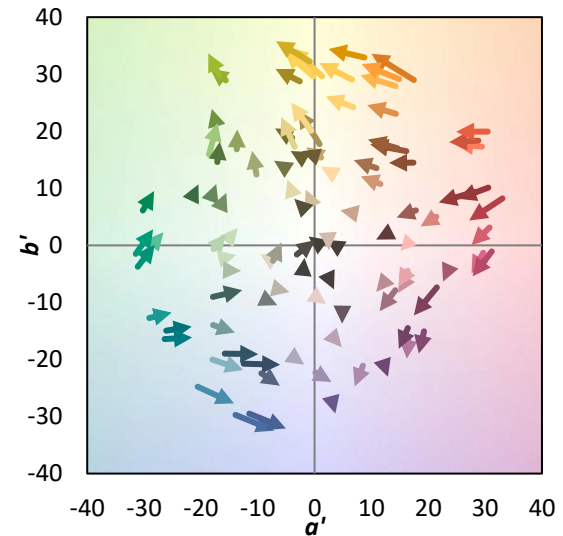
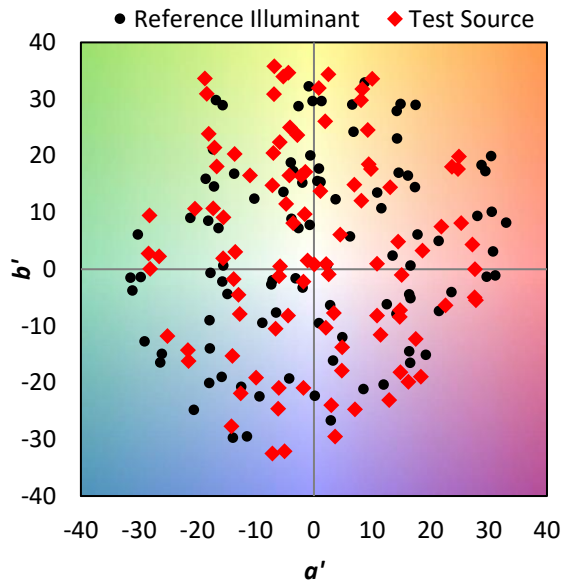
TM-30-18

Summary

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



Color Vector Graphics



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

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



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)