

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: P1049162

Luminaire Tested: **GALN-SA7B-830-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049162
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7B-830-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 7xLight Square PACKAGE
80CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (98) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25593.3 lumens
Efficiency: N/A
Efficacy: 102.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

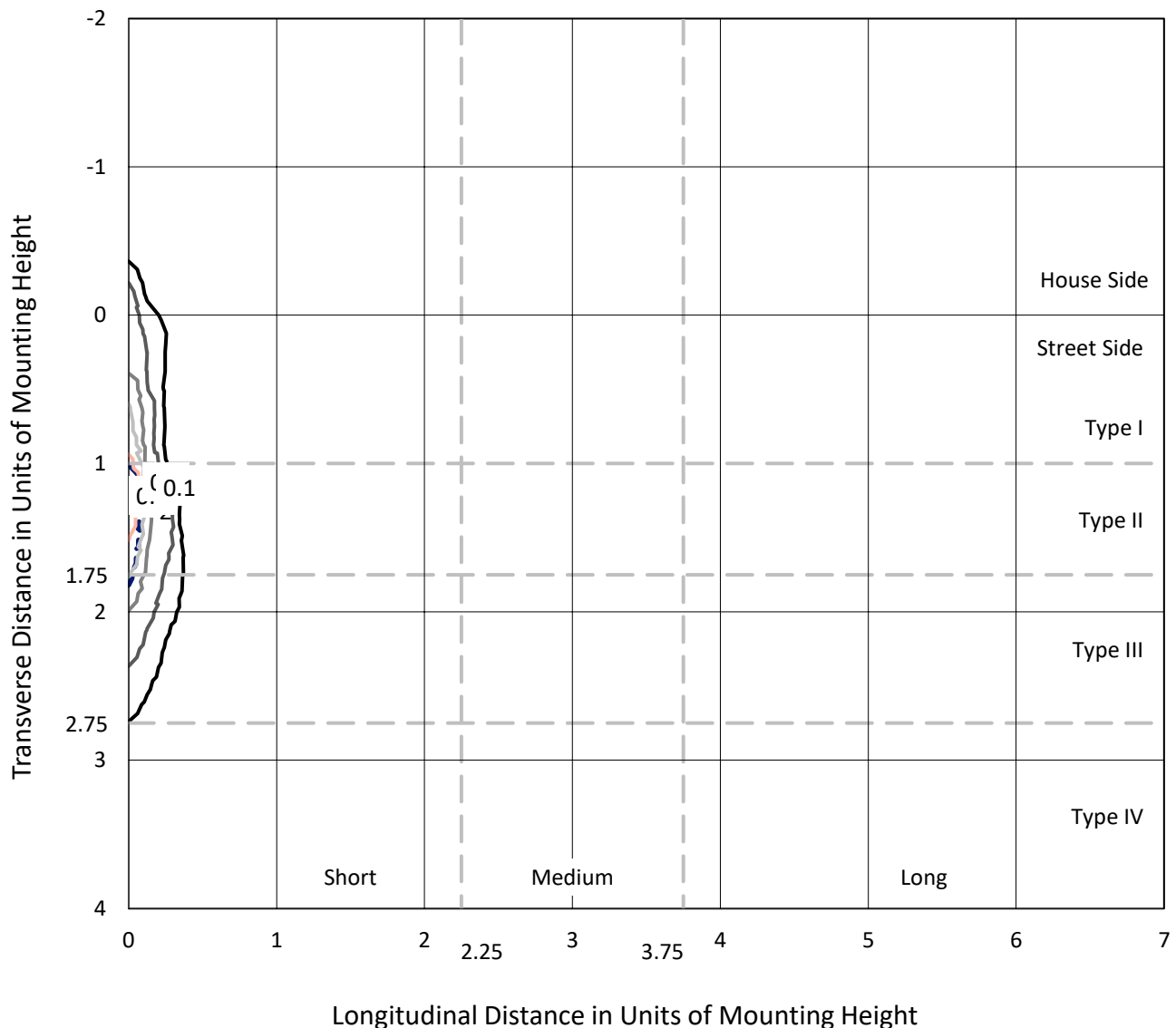
Input Watts (W): 249.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

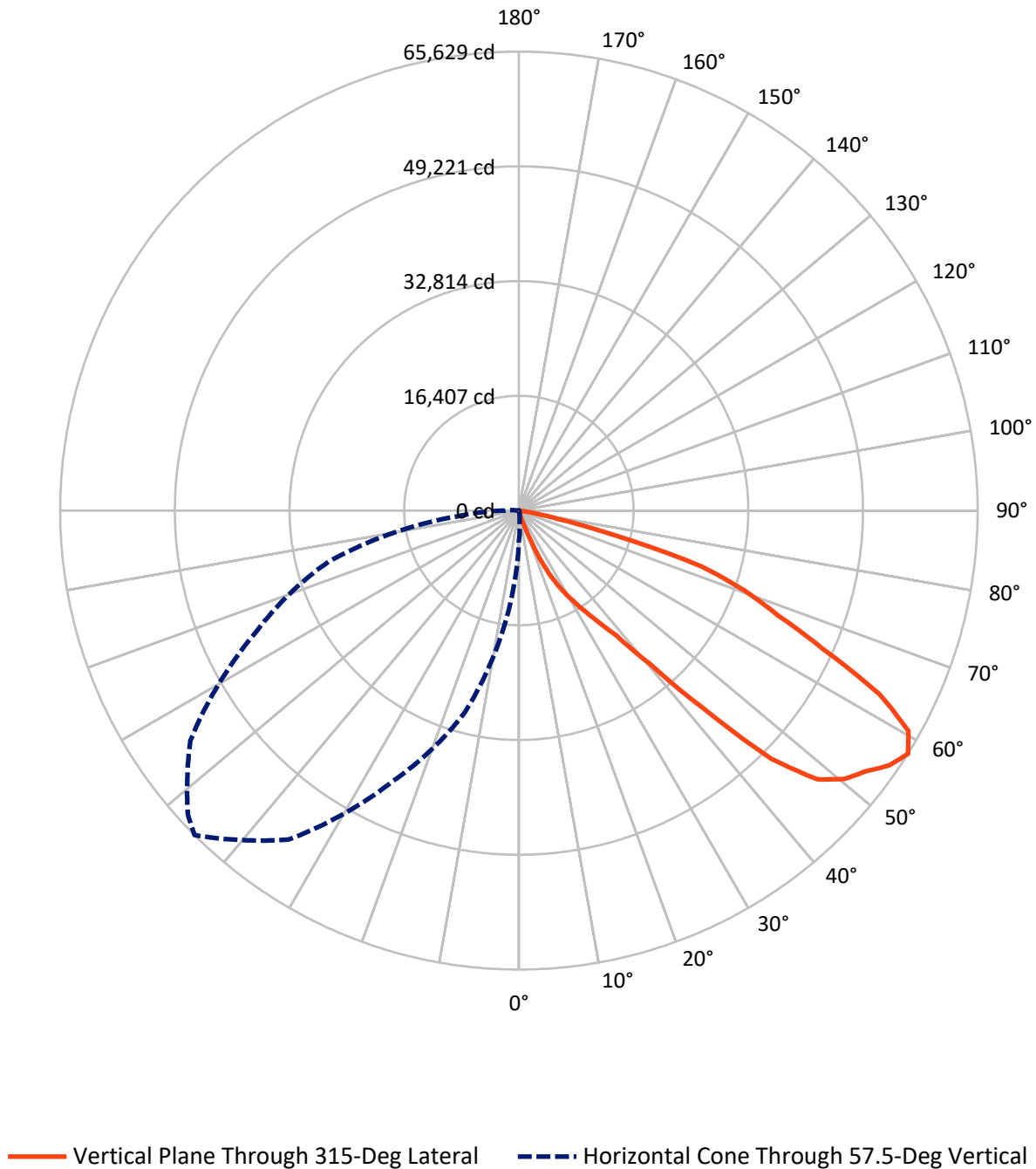
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 3.8 fc
 Type III - Short - N/A

REPORT NUMBER: P1049162
CATALOG NUMBER: GALN-SA7B-830-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	128.2	0.0	128.2
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	25465.1	0.0	25465.1
	% Fixture	99.5	0.0	99.5
Total	Lumens	25593.3	0.0	25593.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.0	0.0
10°-20°	56.2	0.2
20°-30°	606.5	2.4
30°-40°	1793.6	7.0
40°-50°	5345.4	20.9
50°-60°	8475.9	33.1
60°-70°	7075.3	27.6
70°-80°	2181.8	8.5
80°-90°	48.5	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°	25593.3	100.0
0°-180°	25593.3	100.0



REPORT NUMBER: P1049162

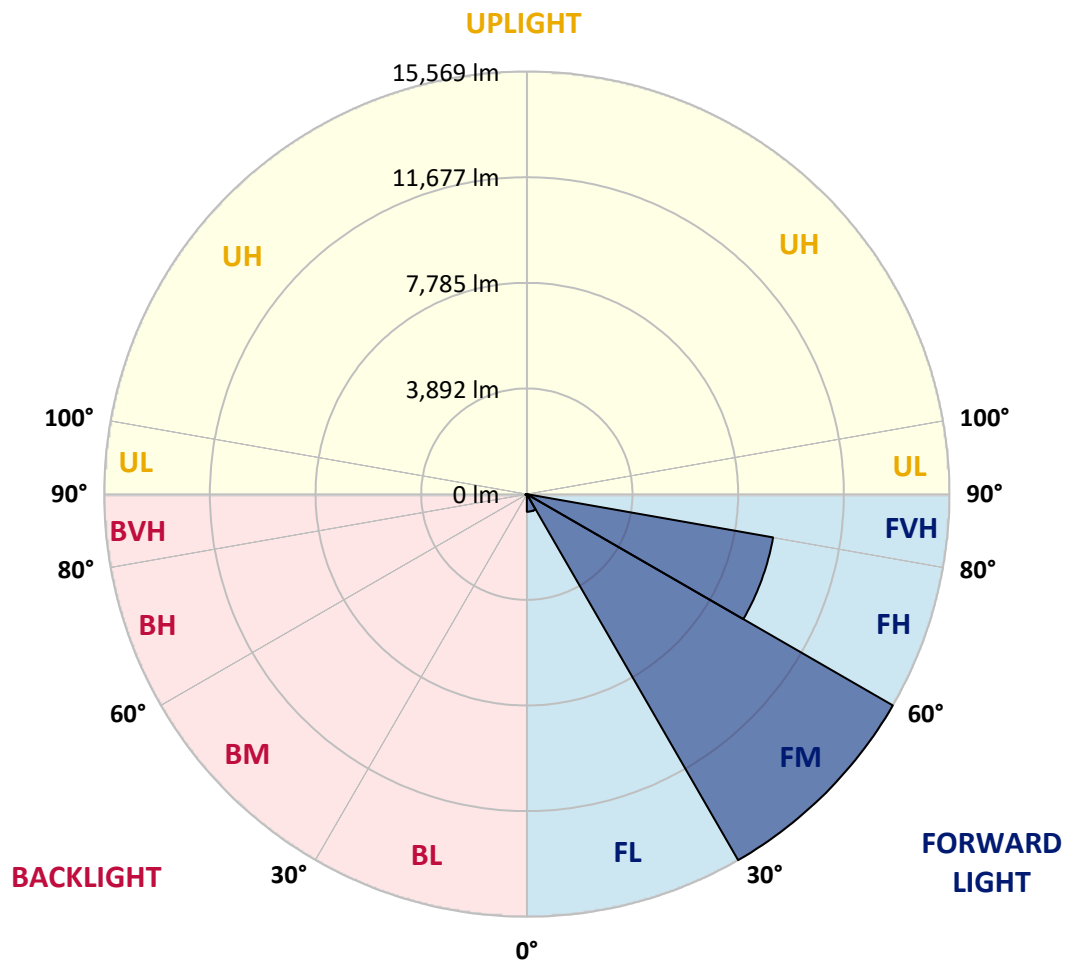
CATALOG NUMBER: GALN-SA7B-830-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	649.2	2.5			
FM	(30°-60°)	15569.1	60.8			
FH	(60°-80°)	9209.3	36.0			G4/12000
FVH	(80°-90°)	37.5	0.1			G1/100
BL	(0°-30°)	23.5	0.1	B0/110		
BM	(30°-60°)	45.8	0.2	B0/220		
BH	(60°-80°)	47.8	0.2	B0/110		G0/110
BVH	(80°-90°)	11.0	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

Type III Short



REPORT NUMBER: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2
2.5°	102.5	102.5	102.5	102.5	100.6	100.6	98.6	98.6	96.7	96.7
5°	108.3	108.3	106.4	104.4	104.4	102.5	100.6	98.6	98.6	96.7
7.5°	118.0	116.0	114.1	112.2	108.3	106.4	102.5	100.6	98.6	94.8
10°	129.6	125.7	121.8	118.0	114.1	110.2	106.4	104.4	100.6	98.6
12.5°	145.1	139.3	131.5	125.7	121.8	116.0	112.2	108.3	102.5	98.6
15°	158.6	150.9	141.2	133.5	127.6	119.9	114.1	108.3	104.4	98.6
17.5°	177.9	164.4	148.9	139.3	131.5	121.8	112.2	106.4	100.6	92.8
20°	210.8	183.7	154.7	143.1	131.5	119.9	108.3	100.6	94.8	87.0
22.5°	263.0	216.6	170.2	152.8	137.3	119.9	104.4	96.7	89.0	81.2
25°	363.6	280.4	197.3	174.1	150.9	127.6	104.4	94.8	87.0	77.4
27.5°	483.5	359.7	234.0	201.1	170.2	137.3	104.4	92.8	83.2	71.6
30°	605.4	441.0	274.6	232.1	189.5	147.0	104.4	90.9	79.3	65.8
32.5°	721.4	516.4	309.4	259.2	208.9	156.7	106.4	90.9	75.4	60.0
35°	839.4	578.3	315.3	263.0	210.8	156.7	104.4	87.0	71.6	54.2
37.5°	990.2	647.9	303.6	251.4	201.1	148.9	98.6	83.2	67.7	50.3
40°	1218.5	764.0	309.4	255.3	201.1	147.0	92.8	77.4	63.8	48.4
42.5°	1640.1	988.3	334.6	272.7	210.8	147.0	85.1	71.6	60.0	46.4
45°	2835.3	1642.0	448.7	355.9	263.0	170.2	77.4	65.8	56.1	44.5
47.5°	4690.1	2748.3	806.5	622.8	441.0	257.2	75.4	65.8	56.1	44.5
50°	5985.9	3500.6	1015.4	781.4	547.3	313.3	79.3	67.7	58.0	46.4
52.5°	5976.2	3554.8	1131.4	868.4	607.3	344.3	83.2	71.6	61.9	50.3
55°	5312.9	3233.7	1152.7	885.8	620.8	353.9	89.0	77.4	65.8	54.2
57.5°	4440.6	2746.4	1052.1	814.2	578.3	340.4	102.5	89.0	77.4	63.8
60°	3512.3	2166.1	820.0	647.9	477.7	305.6	135.4	118.0	102.5	85.1
62.5°	2425.3	1570.5	715.6	574.4	435.2	294.0	154.7	137.3	121.8	104.4
65°	1715.5	1181.7	646.0	526.1	408.1	288.2	168.3	148.9	131.5	112.2
67.5°	1282.3	940.0	595.7	493.2	390.7	288.2	185.7	162.5	141.2	118.0
70°	982.5	771.7	558.9	475.8	394.5	311.4	228.2	195.3	164.4	131.5
72.5°	800.7	659.5	516.4	456.4	396.5	336.5	276.6	234.0	191.5	147.0
75°	663.4	564.7	466.1	415.8	367.5	317.2	266.9	228.2	191.5	152.8
77.5°	441.0	402.3	361.7	332.7	303.6	272.7	243.7	210.8	179.9	147.0
80°	154.7	148.9	143.1	154.7	166.3	177.9	189.5	166.3	145.1	121.8
82.5°	23.2	21.3	19.3	21.3	23.2	25.1	27.1	29.0	30.9	32.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2
0.0	2.5°	94.8	94.8	92.8	92.8	92.8	90.9	90.9	89.0	89.0	89.0
0.0	5°	92.8	92.8	90.9	89.0	87.0	87.0	85.1	83.2	83.2	81.2
0.0	7.5°	90.9	89.0	87.0	85.1	83.2	81.2	79.3	77.4	77.4	75.4
0.0	10°	92.8	89.0	87.0	83.2	81.2	79.3	75.4	73.5	71.6	71.6
0.0	12.5°	89.0	87.0	83.2	79.3	77.4	73.5	71.6	67.7	65.8	65.8
0.0	15°	89.0	85.1	79.3	75.4	71.6	69.6	65.8	61.9	60.0	58.0
0.0	17.5°	83.2	79.3	73.5	69.6	65.8	61.9	58.0	54.2	52.2	50.3
0.0	20°	75.4	71.6	65.8	60.0	56.1	52.2	48.4	44.5	42.5	40.6
0.0	22.5°	67.7	63.8	58.0	52.2	48.4	44.5	38.7	34.8	32.9	29.0
0.0	25°	63.8	58.0	52.2	46.4	40.6	36.7	30.9	25.1	21.3	17.4
0.0	27.5°	54.2	48.4	42.5	36.7	30.9	25.1	19.3	13.5	9.7	7.7
0.0	30°	46.4	40.6	34.8	29.0	21.3	15.5	9.7	1.9	1.9	1.9
0.0	32.5°	38.7	32.9	25.1	19.3	15.5	9.7	5.8	0.0	0.0	0.0
0.0	35°	30.9	25.1	17.4	11.6	9.7	5.8	3.9	0.0	0.0	0.0
0.0	37.5°	27.1	21.3	13.5	5.8	3.9	3.9	1.9	0.0	0.0	0.0
0.0	40°	25.1	17.4	9.7	1.9	1.9	1.9	0.0	0.0	0.0	0.0
0.0	42.5°	25.1	17.4	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	25.1	17.4	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	25.1	17.4	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	27.1	19.3	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	30.9	23.2	15.5	7.7	5.8	3.9	1.9	0.0	0.0	0.0
0.0	55°	38.7	34.8	29.0	25.1	19.3	13.5	5.8	0.0	0.0	0.0
0.0	57.5°	50.3	50.3	48.4	46.4	34.8	23.2	11.6	0.0	0.0	0.0
0.0	60°	67.7	67.7	67.7	67.7	50.3	34.8	17.4	0.0	0.0	0.0
0.0	62.5°	83.2	79.3	73.5	69.6	52.2	34.8	17.4	0.0	0.0	0.0
0.0	65°	83.2	75.4	65.8	56.1	42.5	29.0	13.5	0.0	0.0	0.0
0.0	67.5°	77.4	61.9	44.5	29.0	21.3	15.5	7.7	0.0	0.0	0.0
	70°	77.4	54.2	30.9	7.7	5.8	3.9	1.9	0.0	0.0	0.0
	72.5°	77.4	52.2	25.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	85.1	58.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	85.1	58.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	75.4	50.3	25.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	25.1	17.4	7.7	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: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049162

CATALOG NUMBER: GALN-SA7B-830-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°	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2
0.0	2.5°	87.0	87.0	87.0	85.1	85.1	85.1	85.1	83.2	83.2	83.2
0.0	5°	79.3	79.3	77.4	77.4	75.4	75.4	73.5	73.5	71.6	71.6
0.0	7.5°	73.5	71.6	71.6	69.6	67.7	67.7	65.8	65.8	63.8	61.9
0.0	10°	67.7	65.8	65.8	63.8	61.9	60.0	60.0	58.0	56.1	54.2
0.0	12.5°	61.9	60.0	58.0	56.1	54.2	52.2	52.2	50.3	48.4	46.4
0.0	15°	54.2	52.2	50.3	48.4	46.4	44.5	44.5	42.5	40.6	38.7
0.0	17.5°	46.4	44.5	44.5	42.5	40.6	38.7	36.7	32.9	30.9	29.0
0.0	20°	34.8	32.9	30.9	29.0	27.1	23.2	21.3	17.4	13.5	11.6
0.0	22.5°	23.2	19.3	17.4	13.5	9.7	7.7	5.8	1.9	0.0	0.0
0.0	25°	7.7	5.8	3.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA7B-830-U-RBC

[illegible]

REPORT NUMBER: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2
0.0	2.5°	81.2	81.2	81.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
0.0	5°	69.6	69.6	69.6	67.7	67.7	65.8	65.8	65.8	63.8	63.8
0.0	7.5°	60.0	58.0	58.0	56.1	56.1	54.2	54.2	54.2	52.2	52.2
0.0	10°	50.3	48.4	48.4	46.4	46.4	44.5	44.5	42.5	42.5	40.6
0.0	12.5°	44.5	42.5	40.6	38.7	38.7	36.7	34.8	34.8	32.9	30.9
0.0	15°	34.8	32.9	30.9	29.0	27.1	25.1	23.2	23.2	21.3	19.3
0.0	17.5°	23.2	19.3	17.4	15.5	15.5	13.5	11.6	9.7	7.7	5.8
0.0	20°	5.8	3.9	1.9	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: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049162

CATALOG NUMBER: GALN-SA7B-830-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°	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2
0.0	2.5°	79.3	77.4	77.4	77.4	79.3	79.3	79.3	79.3	79.3	79.3
0.0	5°	63.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
0.0	7.5°	52.2	50.3	50.3	50.3	50.3	48.4	48.4	48.4	48.4	48.4
0.0	10°	40.6	38.7	38.7	38.7	38.7	36.7	36.7	36.7	36.7	36.7
0.0	12.5°	29.0	29.0	27.1	27.1	27.1	25.1	25.1	25.1	25.1	23.2
0.0	15°	17.4	15.5	13.5	13.5	13.5	11.6	11.6	11.6	11.6	9.7
0.0	17.5°	3.9	3.9	1.9	1.9	1.9	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



REPORT NUMBER: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2
0.0	2.5°	81.2	81.2	83.2	83.2	85.1	89.0	90.9	92.8	96.7	100.6
0.0	5°	63.8	65.8	65.8	67.7	69.6	71.6	73.5	75.4	79.3	83.2
0.0	7.5°	50.3	50.3	52.2	52.2	54.2	58.0	60.0	61.9	65.8	71.6
0.0	10°	38.7	38.7	40.6	40.6	42.5	46.4	48.4	50.3	54.2	60.0
0.0	12.5°	25.1	27.1	27.1	29.0	30.9	34.8	36.7	38.7	42.5	46.4
0.0	15°	11.6	13.5	13.5	15.5	17.4	21.3	23.2	25.1	29.0	34.8
0.0	17.5°	1.9	1.9	3.9	3.9	5.8	7.7	9.7	11.6	17.4	21.3
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	7.7
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
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: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049162

CATALOG NUMBER: GALN-SA7B-830-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°	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2
0.0	2.5°	106.4	110.2	114.1	118.0	121.8	125.7	127.6	131.5	133.5	135.4
0.0	5°	90.9	94.8	100.6	104.4	108.3	112.2	116.0	118.0	119.9	121.8
0.0	7.5°	79.3	83.2	89.0	92.8	96.7	100.6	104.4	108.3	110.2	112.2
0.0	10°	67.7	73.5	77.4	83.2	87.0	90.9	94.8	98.6	102.5	104.4
0.0	12.5°	54.2	60.0	65.8	69.6	75.4	81.2	85.1	89.0	92.8	96.7
0.0	15°	42.5	48.4	54.2	58.0	63.8	69.6	75.4	79.3	83.2	87.0
0.0	17.5°	30.9	36.7	42.5	46.4	52.2	58.0	61.9	67.7	71.6	75.4
0.0	20°	15.5	21.3	27.1	32.9	38.7	44.5	48.4	54.2	58.0	61.9
0.0	22.5°	1.9	7.7	13.5	17.4	23.2	29.0	32.9	38.7	42.5	46.4
0.0	25°	0.0	1.9	5.8	7.7	9.7	13.5	17.4	21.3	25.1	29.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.9	3.9	7.7	11.6	15.5
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.9	3.9
	85°	0.0	0.0	0.0	0.0	0.0	3.9	5.8	9.7	11.6	13.5
	87.5°	0.0	1.9	3.9	5.8	7.7	11.6	15.5	19.3	21.3	23.2
	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: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
112.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.9											
7.7											
17.4											
25.1											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2
0.0	2.5°	137.3	137.3	137.3	137.3	135.4	135.4	135.4	133.5	133.5	131.5
0.0	5°	125.7	127.6	127.6	127.6	127.6	127.6	127.6	127.6	125.7	125.7
0.0	7.5°	116.0	118.0	119.9	119.9	121.8	121.8	121.8	119.9	119.9	118.0
0.0	10°	110.2	112.2	112.2	114.1	114.1	114.1	114.1	114.1	114.1	114.1
0.0	12.5°	102.5	104.4	106.4	106.4	108.3	108.3	108.3	108.3	106.4	106.4
0.0	15°	92.8	96.7	98.6	100.6	100.6	102.5	102.5	102.5	102.5	102.5
0.0	17.5°	85.1	89.0	90.9	92.8	92.8	94.8	94.8	96.7	96.7	96.7
0.0	20°	69.6	73.5	75.4	79.3	81.2	83.2	85.1	87.0	87.0	89.0
0.0	22.5°	54.2	58.0	60.0	63.8	65.8	67.7	69.6	71.6	73.5	75.4
0.0	25°	38.7	42.5	44.5	48.4	50.3	52.2	54.2	56.1	56.1	58.0
0.0	27.5°	21.3	25.1	29.0	30.9	34.8	36.7	38.7	40.6	42.5	44.5
0.0	30°	9.7	11.6	13.5	17.4	19.3	21.3	23.2	27.1	29.0	30.9
0.0	32.5°	0.0	0.0	1.9	5.8	7.7	9.7	11.6	13.5	13.5	15.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.9	5.8	7.7
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°	3.9	3.9	3.9	5.8	5.8	5.8	5.8	5.8	5.8	5.8
	82.5°	9.7	11.6	13.5	13.5	15.5	15.5	15.5	15.5	13.5	13.5
	85°	19.3	21.3	23.2	23.2	25.1	25.1	25.1	25.1	25.1	25.1
	87.5°	27.1	29.0	30.9	30.9	32.9	32.9	32.9	32.9	32.9	32.9
	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: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
112.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.9	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											
5.8											
13.5											
25.1											
32.9											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049162

CATALOG NUMBER: GALN-SA7B-830-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°	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2
0.0	2.5°	129.6	129.6	127.6	127.6	127.6	127.6	127.6	129.6	131.5	131.5
0.0	5°	123.8	123.8	121.8	121.8	121.8	123.8	123.8	125.7	127.6	129.6
0.0	7.5°	118.0	116.0	116.0	118.0	118.0	119.9	119.9	121.8	123.8	125.7
0.0	10°	114.1	112.2	112.2	112.2	114.1	114.1	116.0	118.0	119.9	121.8
0.0	12.5°	106.4	106.4	106.4	106.4	108.3	108.3	110.2	112.2	116.0	118.0
0.0	15°	102.5	100.6	100.6	100.6	100.6	102.5	102.5	106.4	110.2	112.2
0.0	17.5°	94.8	94.8	92.8	92.8	94.8	94.8	96.7	100.6	104.4	106.4
0.0	20°	87.0	85.1	83.2	83.2	85.1	85.1	87.0	90.9	94.8	96.7
0.0	22.5°	75.4	73.5	73.5	73.5	73.5	75.4	75.4	79.3	85.1	89.0
0.0	25°	60.0	61.9	61.9	63.8	63.8	65.8	67.7	71.6	77.4	81.2
0.0	27.5°	46.4	48.4	48.4	52.2	54.2	56.1	58.0	63.8	69.6	73.5
0.0	30°	34.8	36.7	38.7	40.6	44.5	48.4	52.2	58.0	63.8	67.7
0.0	32.5°	21.3	25.1	27.1	30.9	34.8	38.7	42.5	48.4	56.1	61.9
0.0	35°	15.5	17.4	21.3	23.2	27.1	30.9	34.8	42.5	48.4	56.1
0.0	37.5°	7.7	11.6	15.5	19.3	23.2	27.1	30.9	38.7	46.4	52.2
0.0	40°	5.8	9.7	11.6	15.5	21.3	25.1	29.0	36.7	44.5	52.2
0.0	42.5°	3.9	5.8	7.7	13.5	17.4	23.2	29.0	36.7	44.5	52.2
0.0	45°	3.9	3.9	5.8	11.6	17.4	25.1	30.9	38.7	44.5	52.2
0.0	47.5°	3.9	5.8	7.7	15.5	19.3	25.1	30.9	36.7	44.5	50.3
0.0	50°	5.8	7.7	9.7	17.4	21.3	27.1	30.9	38.7	44.5	52.2
0.0	52.5°	3.9	5.8	7.7	15.5	21.3	29.0	34.8	42.5	50.3	56.1
0.0	55°	1.9	1.9	1.9	11.6	23.2	32.9	44.5	50.3	58.0	63.8
0.0	57.5°	0.0	0.0	0.0	7.7	23.2	36.7	50.3	58.0	65.8	71.6
0.0	60°	0.0	0.0	0.0	7.7	23.2	36.7	50.3	60.0	69.6	79.3
0.0	62.5°	0.0	0.0	0.0	7.7	19.3	30.9	42.5	58.0	75.4	90.9
0.0	65°	0.0	0.0	0.0	5.8	15.5	25.1	34.8	58.0	81.2	102.5
0.0	67.5°	0.0	0.0	0.0	5.8	15.5	23.2	32.9	58.0	81.2	106.4
	70°	0.0	0.0	0.0	5.8	15.5	25.1	34.8	58.0	81.2	104.4
	72.5°	0.0	0.0	0.0	5.8	17.4	27.1	38.7	58.0	77.4	96.7
	75°	0.0	0.0	0.0	7.7	17.4	29.0	40.6	58.0	75.4	90.9
	77.5°	0.0	0.0	0.0	5.8	17.4	27.1	38.7	56.1	73.5	89.0
	80°	5.8	3.9	3.9	9.7	17.4	25.1	32.9	50.3	69.6	87.0
	82.5°	11.6	11.6	9.7	13.5	17.4	23.2	29.0	44.5	61.9	77.4
	85°	23.2	23.2	21.3	23.2	23.2	25.1	27.1	34.8	42.5	50.3
	87.5°	30.9	30.9	29.0	29.0	29.0	27.1	27.1	27.1	27.1	25.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

CANDELA DISTRIBUTION (continued):

245°	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
112.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.6	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.6										
116.0										
108.3										
106.4										
104.4										
92.8										
58.0										
25.1										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										
0.0										

REPORT NUMBER: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2
0.0	2.5°	135.4	137.3	137.3	139.3	141.2	143.1	143.1	145.1	145.1	145.1
0.0	5°	133.5	137.3	139.3	141.2	143.1	145.1	147.0	148.9	150.9	150.9
0.0	7.5°	131.5	133.5	137.3	139.3	143.1	145.1	148.9	150.9	152.8	154.7
0.0	10°	127.6	131.5	135.4	139.3	143.1	147.0	150.9	154.7	158.6	160.5
0.0	12.5°	123.8	129.6	133.5	137.3	143.1	148.9	152.8	158.6	162.5	166.3
0.0	15°	121.8	125.7	131.5	135.4	143.1	150.9	156.7	164.4	172.1	177.9
0.0	17.5°	116.0	123.8	129.6	135.4	143.1	152.8	160.5	168.3	179.9	191.5
0.0	20°	108.3	114.1	121.8	127.6	139.3	148.9	160.5	170.2	187.6	205.0
0.0	22.5°	100.6	108.3	114.1	121.8	135.4	147.0	160.5	172.1	201.1	228.2
0.0	25°	92.8	102.5	110.2	118.0	133.5	148.9	164.4	179.9	228.2	276.6
0.0	27.5°	89.0	96.7	106.4	114.1	133.5	154.7	174.1	193.4	270.8	346.2
0.0	30°	83.2	92.8	100.6	110.2	135.4	160.5	185.7	210.8	328.8	446.8
0.0	32.5°	77.4	87.0	96.7	106.4	139.3	172.1	203.1	236.0	390.7	543.5
0.0	35°	71.6	83.2	92.8	102.5	145.1	189.5	232.1	274.6	446.8	617.0
0.0	37.5°	69.6	81.2	90.9	100.6	147.0	191.5	237.9	282.4	452.6	622.8
0.0	40°	71.6	81.2	92.8	102.5	141.2	179.9	216.6	255.3	433.2	609.2
0.0	42.5°	71.6	83.2	94.8	106.4	137.3	168.3	199.2	230.2	427.4	624.7
0.0	45°	69.6	81.2	92.8	104.4	133.5	160.5	189.5	216.6	462.2	705.9
0.0	47.5°	67.7	79.3	90.9	102.5	131.5	160.5	189.5	218.5	597.6	974.8
0.0	50°	67.7	79.3	89.0	98.6	133.5	170.2	205.0	239.8	870.3	1498.9
0.0	52.5°	71.6	81.2	89.0	96.7	137.3	179.9	220.5	261.1	1106.3	1949.5
0.0	55°	77.4	83.2	90.9	96.7	147.0	195.3	245.6	294.0	1177.8	2061.7
0.0	57.5°	85.1	90.9	96.7	102.5	164.4	226.3	286.2	348.1	1183.6	2017.2
0.0	60°	94.8	102.5	108.3	114.1	179.9	247.6	313.3	379.1	1071.5	1761.9
0.0	62.5°	116.0	125.7	133.5	143.1	206.9	268.8	332.7	394.5	889.7	1384.8
0.0	65°	133.5	141.2	148.9	156.7	218.5	282.4	344.3	406.2	754.3	1102.4
0.0	67.5°	137.3	145.1	150.9	158.6	222.4	286.2	348.1	412.0	646.0	878.1
	70°	139.3	148.9	160.5	170.2	236.0	301.7	365.5	431.3	572.5	713.7
	72.5°	133.5	152.8	170.2	187.6	249.5	309.4	371.3	431.3	531.9	632.4
	75°	133.5	160.5	185.7	210.8	257.2	301.7	348.1	392.6	470.0	547.3
	77.5°	141.2	176.0	210.8	245.6	272.7	297.8	324.9	350.1	400.4	450.6
	80°	141.2	177.9	212.7	249.5	261.1	274.6	286.2	297.8	303.6	309.4
	82.5°	121.8	150.9	179.9	208.9	195.3	181.8	168.3	154.7	145.1	133.5
	85°	61.9	67.7	71.6	75.4	69.6	63.8	58.0	52.2	48.4	42.5
	87.5°	25.1	25.1	23.2	23.2	23.2	23.2	21.3	21.3	21.3	21.3
	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: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
112.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
187.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
237.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
303.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
412.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
572.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
775.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
969.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1100.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1199.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1297.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1491.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1878.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2862.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4384.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5519.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5645.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5094.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4355.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3403.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2572.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1899.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1344.2											
999.9											
727.2											
547.3											
307.5											
139.3											
40.6											
19.3											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049162

CATALOG NUMBER: GALN-SA7B-830-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°	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2
0.0	2.5°	145.1	143.1	143.1	141.2	139.3	137.3	135.4	133.5	131.5	129.6
0.0	5°	150.9	150.9	150.9	148.9	148.9	147.0	147.0	145.1	143.1	141.2
0.0	7.5°	156.7	158.6	158.6	160.5	160.5	160.5	160.5	158.6	158.6	158.6
0.0	10°	166.3	168.3	170.2	172.1	174.1	176.0	176.0	177.9	177.9	177.9
0.0	12.5°	177.9	183.7	187.6	193.4	197.3	203.1	206.9	212.7	216.6	220.5
0.0	15°	195.3	205.0	216.6	226.3	236.0	249.5	265.0	278.5	292.0	313.3
0.0	17.5°	220.5	251.4	282.4	311.4	342.3	410.0	477.7	543.5	611.2	709.8
0.0	20°	268.8	361.7	452.6	545.4	636.3	874.2	1110.2	1348.0	1584.0	1837.4
0.0	22.5°	377.1	605.4	833.6	1061.8	1290.0	1787.1	2282.2	2779.2	3274.4	3856.5
0.0	25°	547.3	967.0	1386.7	1804.5	2224.2	3001.7	3781.1	4558.6	5336.1	6092.3
0.0	27.5°	796.8	1438.9	2081.0	2721.2	3363.3	4417.4	5473.4	6527.5	7581.5	8436.4
0.0	30°	1104.3	1974.7	2845.0	3715.3	4585.7	5784.8	6983.9	8181.1	9380.2	10314.3
0.0	32.5°	1394.5	2460.1	3525.8	4589.5	5655.2	7020.6	8388.0	9753.5	11118.9	12140.1
0.0	35°	1584.0	2872.1	4162.1	5450.2	6738.3	8215.9	9693.5	11169.2	12646.8	13813.1
0.0	37.5°	1773.5	3260.8	4746.2	6233.5	7718.8	9341.5	10964.2	12586.9	14209.5	15650.4
0.0	40°	1986.3	3730.8	5473.4	7217.9	8960.5	10883.0	12803.5	14725.9	16646.5	18679.2
0.0	42.5°	2355.7	4510.2	6666.7	8821.2	10975.8	13519.1	16062.4	18603.7	21147.0	24048.1
0.0	45°	3050.0	6086.5	9124.9	12161.4	15197.8	18567.0	21938.0	25307.2	28676.3	32536.7
0.0	47.5°	4750.1	8927.6	13103.3	17280.8	21456.5	25094.4	28730.5	32368.4	36004.5	39849.4
0.0	50°	7268.2	12130.4	16992.7	21852.9	26715.2	30006.9	33296.8	36588.6	39878.4	43535.7
0.0	52.5°	9090.1	14155.4	19222.6	24287.9	29353.2	32323.9	35296.6	38267.3	41238.0	44655.5
0.0	55°	9227.4	14263.7	19301.9	24338.2	29374.5	32358.8	35343.0	38327.3	41311.5	44934.0
0.0	57.5°	8169.5	13165.1	18158.9	23154.6	28148.3	31546.5	34942.7	38340.8	41737.0	45653.5
0.0	60°	6949.1	11946.7	16942.4	21940.0	26935.7	30850.2	34766.7	38681.2	42595.7	46264.7
0.0	62.5°	5421.2	10561.9	15704.6	20845.3	25986.0	29960.5	33935.0	37907.6	41882.1	44634.2
0.0	65°	4040.3	9032.1	14023.9	19013.7	24005.6	27189.0	30372.5	33554.0	36737.5	38441.4
0.0	67.5°	2920.4	7225.6	11528.9	15834.2	20137.4	22415.8	24694.1	26970.5	29248.8	30552.4
	70°	1974.7	4957.0	7937.4	10919.7	13900.1	15772.3	17646.4	19518.5	21390.7	23150.7
	72.5°	1367.4	3042.3	4719.1	6394.0	8068.9	9952.7	11834.5	13718.3	15600.1	17462.6
	75°	907.1	1669.1	2433.0	3195.1	3957.1	5351.5	6747.9	8142.4	9536.9	10647.0
	77.5°	644.0	872.3	1102.4	1330.6	1558.9	1820.0	2083.0	2344.1	2605.2	3001.7
	80°	305.6	334.6	363.6	390.7	419.7	514.5	609.2	704.0	798.8	899.3
	82.5°	145.1	156.7	168.3	177.9	189.5	199.2	208.9	218.5	228.2	218.5
	85°	38.7	38.7	40.6	40.6	40.6	40.6	40.6	40.6	40.6	38.7
	87.5°	17.4	17.4	17.4	17.4	17.4	17.4	17.4	15.5	15.5	13.5
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
112.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
222.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
336.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
806.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2092.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4438.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6848.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9291.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11250.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13163.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14979.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17093.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20711.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26949.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36397.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43694.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47193.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48073.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48558.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49570.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49931.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47388.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40147.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31857.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24908.8											
19325.1											
11757.2											
3398.1											
999.9											
206.9											
36.7											
13.5											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2
0.0	2.5°	125.7	123.8	121.8	119.9	118.0	114.1	114.1	112.2	112.2
0.0	5°	137.3	135.4	133.5	131.5	131.5	129.6	127.6	127.6	125.7
0.0	7.5°	156.7	154.7	152.8	150.9	150.9	148.9	148.9	147.0	147.0
0.0	10°	179.9	179.9	179.9	179.9	179.9	177.9	177.9	177.9	176.0
0.0	12.5°	226.3	228.2	232.1	236.0	241.8	241.8	241.8	239.8	239.8
0.0	15°	357.8	379.1	394.5	410.0	423.6	454.5	450.6	444.8	441.0
0.0	17.5°	905.1	1001.8	1054.1	1104.3	1156.6	1299.7	1276.5	1253.3	1232.0
0.0	20°	2346.0	2599.4	2767.6	2935.9	3106.1	3374.9	3309.2	3243.4	3177.7
0.0	22.5°	5018.9	5601.0	5854.4	6107.8	6359.2	6684.1	6473.3	6262.5	6053.6
0.0	25°	7602.8	8359.0	8786.4	9213.9	9639.4	9825.0	9550.4	9273.8	8999.2
0.0	27.5°	10146.1	11000.9	11378.1	11753.3	12130.4	12519.2	12178.8	11836.4	11496.1
0.0	30°	12184.6	13118.7	13526.8	13933.0	14341.1	14611.8	14259.8	13905.9	13553.9
0.0	32.5°	14184.4	15205.6	15652.3	16099.1	16544.0	16932.7	16499.5	16064.3	15631.1
0.0	35°	16143.6	17309.8	17924.9	18539.9	19154.9	19516.6	19002.1	18485.7	17971.3
0.0	37.5°	18534.1	19975.0	20663.5	21352.0	22040.6	22700.1	22133.4	21564.8	20998.1
0.0	40°	22744.5	24777.2	25833.2	26891.2	27947.2	28798.2	28082.6	27367.0	26651.4
0.0	42.5°	29850.3	32751.4	34269.6	35785.9	37304.2	38632.9	37880.5	37128.2	36375.8
0.0	45°	40257.5	44117.8	45968.7	47817.7	49668.6	50639.5	49556.4	48471.4	47388.3
0.0	47.5°	47537.3	51382.2	53030.0	54677.8	56325.6	57433.9	56109.0	54784.2	53461.3
0.0	50°	50848.4	54505.7	56159.3	57811.0	59464.6	60344.6	58814.8	57283.0	55753.2
0.0	52.5°	51488.6	54906.0	56878.8	58853.5	60826.2	62002.1	60195.7	58387.3	56580.9
0.0	55°	52180.9	55803.4	58091.4	60381.4	62669.4	64297.8	62255.5	60211.2	58168.8
0.0	57.5°	53484.5	57401.0	59683.2	61963.4	64245.6	65628.5	63580.3	61530.2	59482.0
0.0	60°	53600.5	57267.5	59228.7	61191.7	63152.9	64023.2	62064.0	60102.9	58143.7
0.0	62.5°	50140.5	52892.7	54254.3	55615.8	56977.4	57923.2	55878.9	53832.6	51788.3
0.0	65°	41851.1	43555.0	44640.0	45725.1	46810.1	47937.6	46065.4	44193.3	42321.1
0.0	67.5°	33161.4	34465.0	35894.2	37323.5	38752.8	39957.7	38458.8	36958.0	35459.1
	70°	26668.8	28426.8	30034.0	31641.2	33248.4	34234.8	32730.1	31223.5	29718.8
	72.5°	21187.6	23050.1	24392.4	25732.7	27074.9	27316.7	26210.4	25104.1	23999.8
	75°	12865.4	13975.5	14002.6	14027.7	14054.8	14285.0	13368.2	12451.5	11536.7
	77.5°	3794.6	4191.1	4518.0	4842.9	5169.7	5564.3	5227.8	4889.3	4552.8
	80°	1098.5	1199.1	1284.2	1367.4	1452.5	1402.2	1322.9	1243.6	1164.3
	82.5°	197.3	185.7	183.7	181.8	181.8	172.1	156.7	141.2	125.7
	85°	34.8	32.9	30.9	29.0	27.1	25.1	21.3	19.3	15.5
	87.5°	11.6	9.7	7.7	5.8	5.8	1.9	1.9	1.9	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: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
112.2	112.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.2	110.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.8	123.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.1	143.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.0	174.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
237.9	232.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
435.2	413.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1208.8	1106.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3111.9	2833.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5842.8	5326.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8722.6	8072.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11155.7	10407.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13201.9	12397.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15197.8	14234.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17456.8	16333.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20429.5	19048.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25935.7	24156.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35623.5	33219.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46305.3	43323.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52136.5	48916.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54223.3	50945.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54772.6	51428.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56124.5	52536.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57433.9	53755.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56184.5	52981.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49742.1	47193.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40448.9	38588.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33960.2	31863.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28212.1	25929.9										
22893.5	20837.6										
10619.9	9797.9										
4216.3	3771.4										
1085.0	972.8										
110.2	104.4										
11.6	9.7										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
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: P1049162

CATALOG NUMBER: GALN-SA7B-830-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°	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2	112.2
0.0	0.0	2.5°	110.2	108.3	108.3	108.3	108.3	106.4	106.4	106.4	106.4
0.0	0.0	5°	121.8	121.8	119.9	119.9	118.0	118.0	116.0	116.0	114.1
0.0	0.0	7.5°	143.1	141.2	139.3	137.3	135.4	131.5	129.6	127.6	127.6
0.0	0.0	10°	172.1	168.3	166.3	162.5	160.5	156.7	152.8	148.9	145.1
0.0	0.0	12.5°	226.3	218.5	212.7	205.0	197.3	191.5	183.7	177.9	170.2
0.0	0.0	15°	392.6	373.3	352.0	326.9	299.8	274.6	247.6	232.1	214.7
0.0	0.0	17.5°	1003.8	903.2	800.7	717.5	634.4	553.1	470.0	410.0	350.1
0.0	0.0	20°	2554.9	2276.4	1997.9	1723.2	1446.7	1172.0	895.5	756.2	617.0
0.0	0.0	22.5°	4808.1	4291.7	3773.4	3272.4	2769.6	2268.7	1767.7	1452.5	1139.2
0.0	0.0	25°	7421.0	6771.1	6121.3	5297.4	4471.5	3647.6	2823.7	2311.2	1798.7
0.0	0.0	27.5°	9656.8	8908.3	8159.8	7158.0	6156.1	5154.3	4152.4	3388.5	2626.5
0.0	0.0	30°	11592.8	10788.2	9983.6	8817.4	7651.1	6484.9	5318.7	4363.2	3407.8
0.0	0.0	32.5°	13271.5	12308.4	11345.2	10142.2	8939.2	7736.2	6533.3	5361.2	4189.2
0.0	0.0	35°	15207.5	14083.8	12958.2	11623.7	10287.3	8952.8	7618.3	6295.4	4970.5
0.0	0.0	37.5°	17667.6	16288.7	14907.7	13420.4	11933.2	10447.8	8960.5	7448.1	5935.6
0.0	0.0	40°	22377.1	20597.7	18818.4	16928.8	15037.3	13147.7	11258.2	9401.5	7544.8
0.0	0.0	42.5°	30815.4	28411.3	26007.3	23493.0	20976.8	18462.5	15946.3	13327.6	10707.0
0.0	0.0	45°	40338.7	37356.4	34372.1	31550.3	28726.6	25904.8	23083.0	19489.5	15896.0
0.0	0.0	47.5°	45694.1	42473.9	39253.7	36582.8	33911.8	31240.9	28569.9	24696.0	20822.1
0.0	0.0	50°	47664.9	44386.7	41108.5	38650.3	36190.1	33731.9	31271.8	27392.1	23510.4
0.0	0.0	52.5°	48084.6	44740.6	41396.6	38923.0	36449.3	33977.6	31503.9	27649.3	23794.7
0.0	0.0	55°	48947.2	45359.5	41769.9	38950.0	36130.2	33310.3	30490.5	26574.0	22657.5
0.0	0.0	57.5°	50074.8	46396.2	42717.6	39505.1	36292.6	33082.1	29869.6	25587.6	21305.6
0.0	0.0	60°	49778.8	46578.0	43375.2	39934.5	36491.8	33051.2	29608.5	24899.1	20187.7
0.0	0.0	62.5°	44642.0	42092.9	39541.9	36712.3	33880.9	31051.3	28221.8	23373.1	18524.4
0.0	0.0	65°	36725.9	34865.3	33004.7	30728.3	28450.0	26173.6	23897.2	19549.5	15203.6
0.0	0.0	67.5°	29765.2	27668.7	25570.2	23756.1	21940.0	20125.8	18309.7	14888.4	11467.0
		70°	23647.8	21367.5	19085.3	17313.7	15540.2	13768.6	11997.0	9722.5	7450.0
		72.5°	18779.7	16723.8	14667.9	12778.3	10886.8	8997.2	7105.7	5761.6	4417.4
		75°	8976.0	8154.0	7332.0	6343.7	5355.4	4367.1	3378.8	2792.8	2208.7
		77.5°	3326.6	2883.7	2438.9	2036.6	1634.3	1233.9	831.6	762.0	692.4
		80°	860.7	750.4	638.2	558.9	477.7	398.4	319.1	288.2	259.2
		82.5°	98.6	90.9	85.1	81.2	75.4	71.6	65.8	60.0	54.2
		85°	5.8	3.9	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: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049162

CATALOG NUMBER: GALN-SA7B-830-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	112.2	112.2
0.0	0.0	2.5°	104.4	102.5
0.0	0.0	5°	110.2	108.3
0.0	0.0	7.5°	121.8	118.0
0.0	0.0	10°	133.5	129.6
0.0	0.0	12.5°	150.9	145.1
0.0	0.0	15°	170.2	158.6
0.0	0.0	17.5°	203.1	177.9
0.0	0.0	20°	274.6	210.8
0.0	0.0	22.5°	386.8	263.0
0.0	0.0	25°	568.6	363.6
0.0	0.0	27.5°	791.0	483.5
0.0	0.0	30°	1052.1	605.4
0.0	0.0	32.5°	1282.3	721.4
0.0	0.0	35°	1582.1	839.4
0.0	0.0	37.5°	1951.5	990.2
0.0	0.0	40°	2523.9	1218.5
0.0	0.0	42.5°	3554.8	1640.1
0.0	0.0	45°	5773.2	2835.3
0.0	0.0	47.5°	8883.1	4690.1
0.0	0.0	50°	10867.5	5985.9
0.0	0.0	52.5°	11029.9	5976.2
0.0	0.0	55°	10068.7	5312.9
0.0	0.0	57.5°	8591.1	4440.6
0.0	0.0	60°	7140.6	3512.3
0.0	0.0	62.5°	5626.2	2425.3
0.0	0.0	65°	4111.8	1715.5
0.0	0.0	67.5°	2953.3	1282.3
		70°	1941.8	982.5
		72.5°	1264.9	800.7
		75°	851.0	663.4
		77.5°	497.1	441.0
		80°	176.0	154.7
		82.5°	32.9	23.2
		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: P1049162

CATALOG NUMBER: GALN-SA7B-830-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

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-9
 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-830-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3055
 CIE u' : 0.2475
 CIE v' : 0.5247
 Duv: 0.0032
 CIE x: 0.4377
 CIE y: 0.4124
 CIE z: 0.1499
 Peak Wavelength (nm): 604
 Dominant Wavelength (nm): 581
 Purity: 55.16339
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 80.9
 R1: 79.5
 R2: 85.6
 R3: 92.1
 R4: 82.4
 R5: 78.9
 R6: 81.7
 R7: 85.1
 R8: 61.9
 R9: 6.8
 R10: 67.1
 R11: 82.5
 R12: 63.4
 R13: 80.2
 R14: 95.1
 R15: 71.7



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-9

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: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.28

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.33

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-9

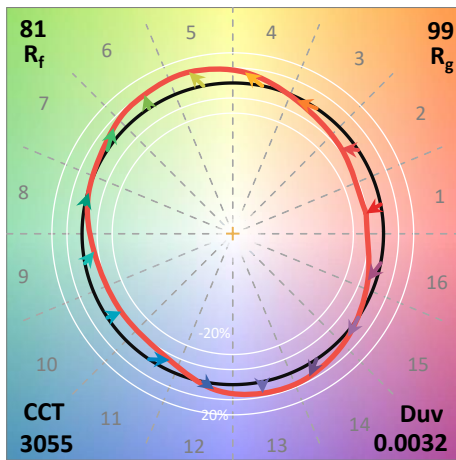
TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 80.9$
 $R_9 = 6.8$

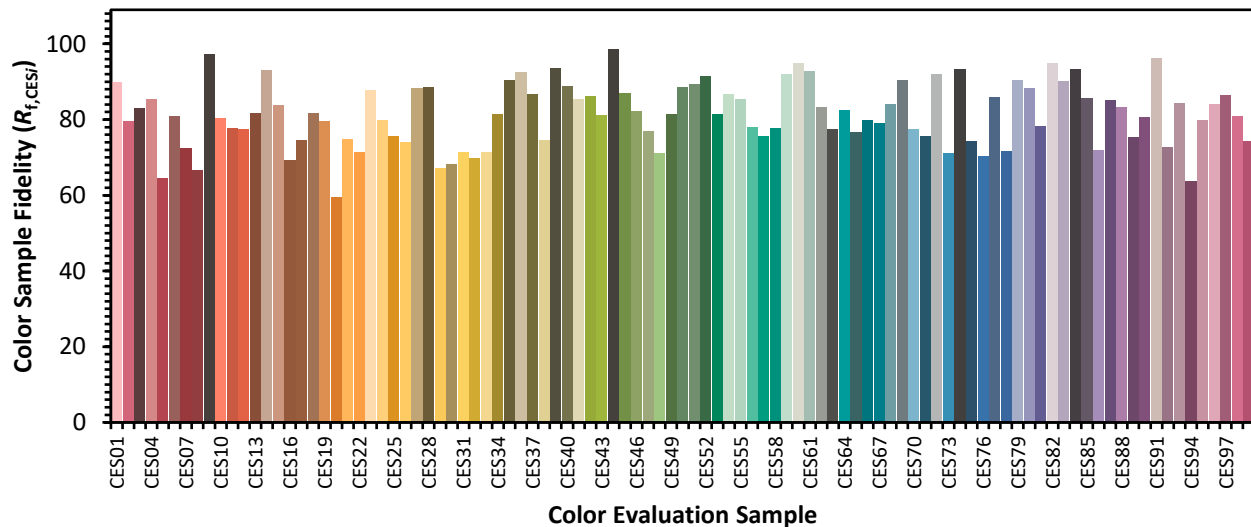


Color Vector Graphics



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

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)