

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: P1049299

Luminaire Tested: **GALN-SA5C-927-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049299
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5C-927-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 5xLight Square PACKAGE
90CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (70) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15782.1 lumens
Efficiency: N/A
Efficacy: 66.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

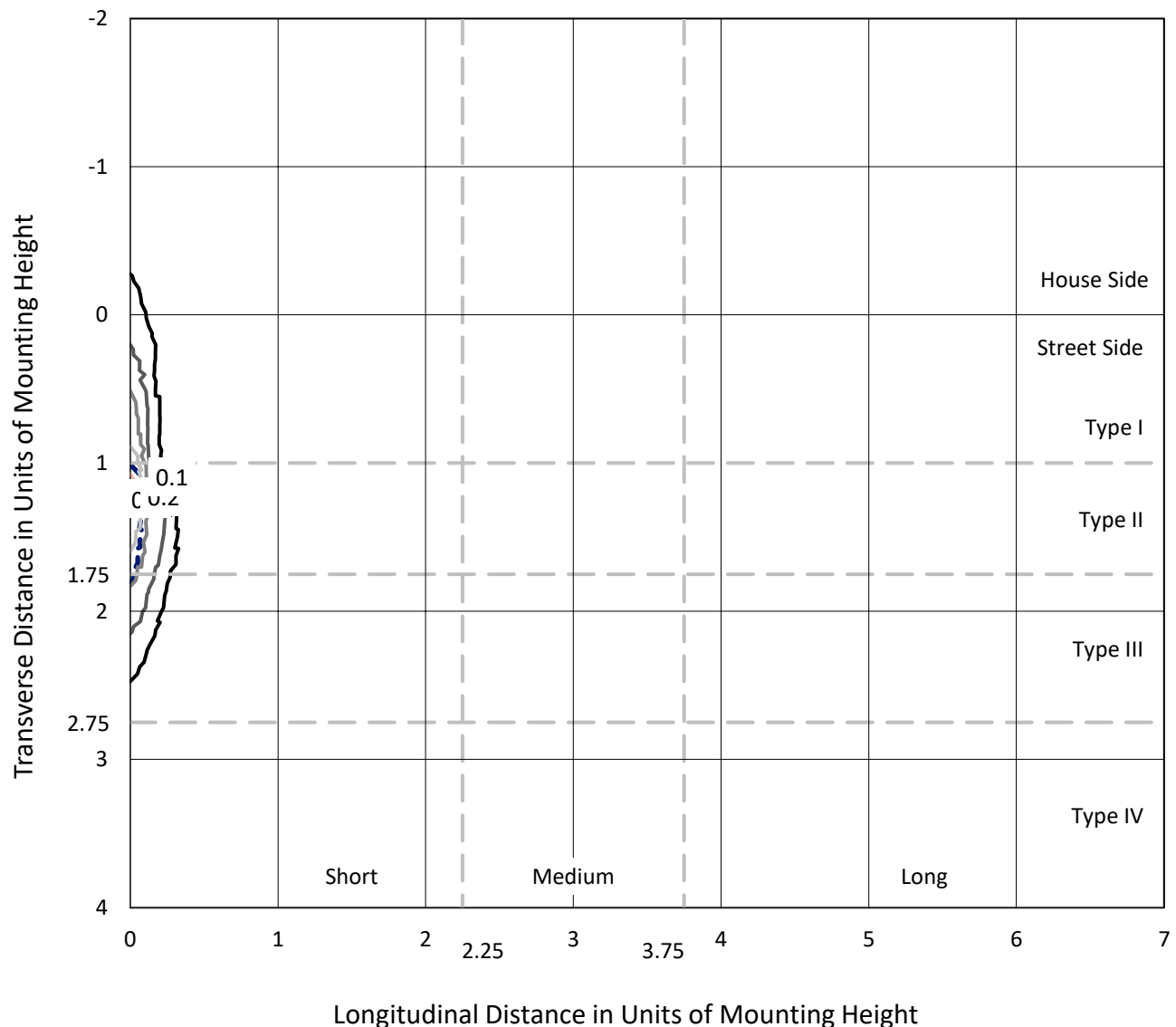
Input Watts (W): 236
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

REPORT NUMBER: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

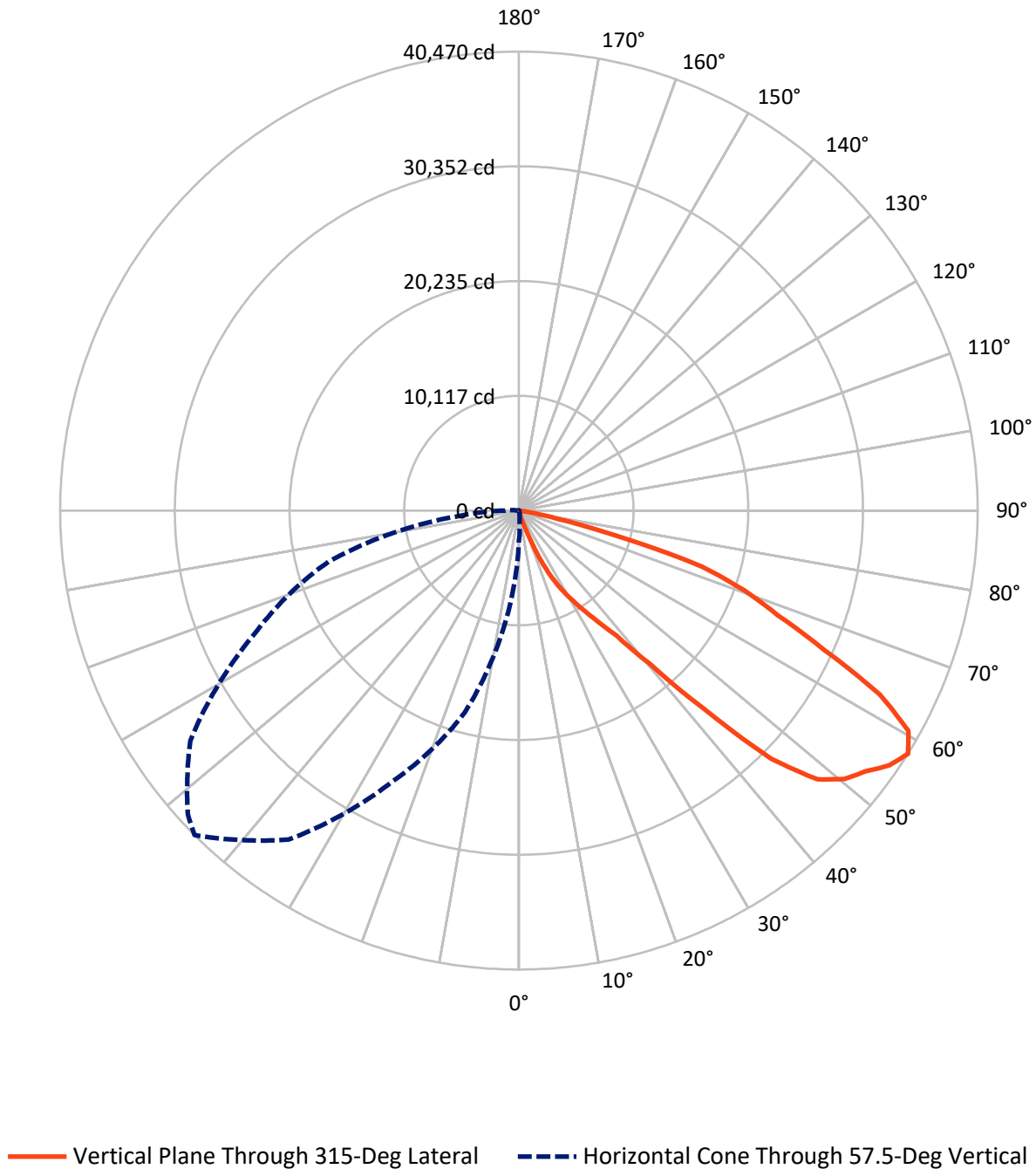
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.3 fc
 Type III - Short - N/A

REPORT NUMBER: P1049299
CATALOG NUMBER: GALN-SA5C-927-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	79.0	0.0	79.0
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	15703.0	0.0	15703.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	15782.1	0.0	15782.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.2	0.0
10°-20°	34.7	0.2
20°-30°	374.0	2.4
30°-40°	1106.0	7.0
40°-50°	3296.2	20.9
50°-60°	5226.6	33.1
60°-70°	4363.0	27.6
70°-80°	1345.4	8.5
80°-90°	29.9	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	15782.1	100.0
0°-180°	15782.1	100.0



REPORT NUMBER: P1049299

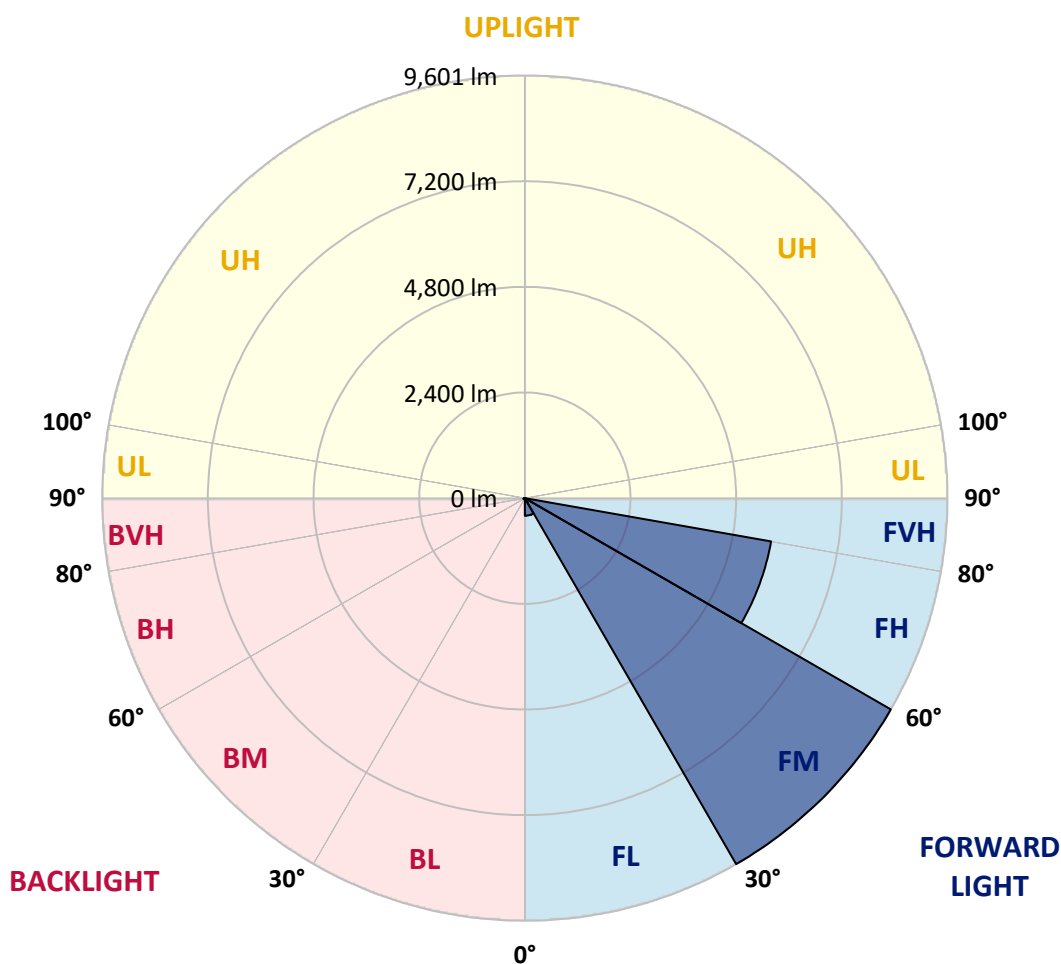
CATALOG NUMBER: GALN-SA5C-927-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	400.4	2.5			
FM	(30°-60°)	9600.7	60.8			
FH	(60°-80°)	5678.9	36.0			G3/7500
FVH	(80°-90°)	23.1	0.1			G1/100
BL	(0°-30°)	14.5	0.1	B0/110		
BM	(30°-60°)	28.3	0.2	B0/220		
BH	(60°-80°)	29.5	0.2	B0/110		G0/110
BVH	(80°-90°)	6.8	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G3

Type III Short



REPORT NUMBER: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
2.5°	63.2	63.2	63.2	63.2	62.0	62.0	60.8	60.8	59.6	59.6
5°	66.8	66.8	65.6	64.4	64.4	63.2	62.0	60.8	60.8	59.6
7.5°	72.8	71.6	70.4	69.2	66.8	65.6	63.2	62.0	60.8	58.4
10°	79.9	77.5	75.1	72.8	70.4	68.0	65.6	64.4	62.0	60.8
12.5°	89.4	85.9	81.1	77.5	75.1	71.6	69.2	66.8	63.2	60.8
15°	97.8	93.0	87.1	82.3	78.7	73.9	70.4	66.8	64.4	60.8
17.5°	109.7	101.4	91.8	85.9	81.1	75.1	69.2	65.6	62.0	57.2
20°	130.0	113.3	95.4	88.3	81.1	73.9	66.8	62.0	58.4	53.7
22.5°	162.2	133.6	105.0	94.2	84.7	73.9	64.4	59.6	54.9	50.1
25°	224.2	172.9	121.6	107.3	93.0	78.7	64.4	58.4	53.7	47.7
27.5°	298.2	221.8	144.3	124.0	105.0	84.7	64.4	57.2	51.3	44.1
30°	373.3	271.9	169.4	143.1	116.9	90.6	64.4	56.1	48.9	40.5
32.5°	444.9	318.4	190.8	159.8	128.8	96.6	65.6	56.1	46.5	37.0
35°	517.6	356.6	194.4	162.2	130.0	96.6	64.4	53.7	44.1	33.4
37.5°	610.6	399.5	187.2	155.0	124.0	91.8	60.8	51.3	41.7	31.0
40°	751.4	471.1	190.8	157.4	124.0	90.6	57.2	47.7	39.4	29.8
42.5°	1011.4	609.4	206.3	168.2	130.0	90.6	52.5	44.1	37.0	28.6
45°	1748.4	1012.5	276.7	219.4	162.2	105.0	47.7	40.5	34.6	27.4
47.5°	2892.1	1694.7	497.3	384.0	271.9	158.6	46.5	40.5	34.6	27.4
50°	3691.2	2158.7	626.1	481.8	337.5	193.2	48.9	41.7	35.8	28.6
52.5°	3685.2	2192.1	697.7	535.5	374.5	212.3	51.3	44.1	38.2	31.0
55°	3276.2	1994.1	710.8	546.2	382.8	218.3	54.9	47.7	40.5	33.4
57.5°	2738.3	1693.5	648.8	502.1	356.6	209.9	63.2	54.9	47.7	39.4
60°	2165.8	1335.8	505.7	399.5	294.6	188.4	83.5	72.8	63.2	52.5
62.5°	1495.6	968.4	441.3	354.2	268.3	181.3	95.4	84.7	75.1	64.4
65°	1057.9	728.7	398.3	324.4	251.6	177.7	103.8	91.8	81.1	69.2
67.5°	790.7	579.6	367.3	304.1	240.9	177.7	114.5	100.2	87.1	72.8
70°	605.9	475.9	344.7	293.4	243.3	192.0	140.7	120.5	101.4	81.1
72.5°	493.8	406.7	318.4	281.5	244.5	207.5	170.5	144.3	118.1	90.6
75°	409.1	348.2	287.4	256.4	226.6	195.6	164.6	140.7	118.1	94.2
77.5°	271.9	248.1	223.0	205.1	187.2	168.2	150.3	130.0	110.9	90.6
80°	95.4	91.8	88.3	95.4	102.6	109.7	116.9	102.6	89.4	75.1
82.5°	14.3	13.1	11.9	13.1	14.3	15.5	16.7	17.9	19.1	20.3
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: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
0.0	2.5°	58.4	58.4	57.2	57.2	57.2	56.1	56.1	54.9	54.9	54.9
0.0	5°	57.2	57.2	56.1	54.9	53.7	53.7	52.5	51.3	51.3	50.1
0.0	7.5°	56.1	54.9	53.7	52.5	51.3	50.1	48.9	47.7	47.7	46.5
0.0	10°	57.2	54.9	53.7	51.3	50.1	48.9	46.5	45.3	44.1	44.1
0.0	12.5°	54.9	53.7	51.3	48.9	47.7	45.3	44.1	41.7	40.5	40.5
0.0	15°	54.9	52.5	48.9	46.5	44.1	42.9	40.5	38.2	37.0	35.8
0.0	17.5°	51.3	48.9	45.3	42.9	40.5	38.2	35.8	33.4	32.2	31.0
0.0	20°	46.5	44.1	40.5	37.0	34.6	32.2	29.8	27.4	26.2	25.0
0.0	22.5°	41.7	39.4	35.8	32.2	29.8	27.4	23.9	21.5	20.3	17.9
0.0	25°	39.4	35.8	32.2	28.6	25.0	22.7	19.1	15.5	13.1	10.7
0.0	27.5°	33.4	29.8	26.2	22.7	19.1	15.5	11.9	8.3	6.0	4.8
0.0	30°	28.6	25.0	21.5	17.9	13.1	9.5	6.0	1.2	1.2	1.2
0.0	32.5°	23.9	20.3	15.5	11.9	9.5	6.0	3.6	0.0	0.0	0.0
0.0	35°	19.1	15.5	10.7	7.2	6.0	3.6	2.4	0.0	0.0	0.0
0.0	37.5°	16.7	13.1	8.3	3.6	2.4	2.4	1.2	0.0	0.0	0.0
0.0	40°	15.5	10.7	6.0	1.2	1.2	1.2	0.0	0.0	0.0	0.0
0.0	42.5°	15.5	10.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	15.5	10.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	15.5	10.7	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	16.7	11.9	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	19.1	14.3	9.5	4.8	3.6	2.4	1.2	0.0	0.0	0.0
0.0	55°	23.9	21.5	17.9	15.5	11.9	8.3	3.6	0.0	0.0	0.0
0.0	57.5°	31.0	31.0	29.8	28.6	21.5	14.3	7.2	0.0	0.0	0.0
0.0	60°	41.7	41.7	41.7	41.7	31.0	21.5	10.7	0.0	0.0	0.0
0.0	62.5°	51.3	48.9	45.3	42.9	32.2	21.5	10.7	0.0	0.0	0.0
0.0	65°	51.3	46.5	40.5	34.6	26.2	17.9	8.3	0.0	0.0	0.0
0.0	67.5°	47.7	38.2	27.4	17.9	13.1	9.5	4.8	0.0	0.0	0.0
	70°	47.7	33.4	19.1	4.8	3.6	2.4	1.2	0.0	0.0	0.0
	72.5°	47.7	32.2	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	52.5	35.8	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	52.5	35.8	17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	46.5	31.0	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	15.5	10.7	4.8	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: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049299

CATALOG NUMBER: GALN-SA5C-927-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°	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
0.0	2.5°	53.7	53.7	53.7	52.5	52.5	52.5	52.5	51.3	51.3	51.3
0.0	5°	48.9	48.9	47.7	47.7	46.5	46.5	45.3	45.3	44.1	44.1
0.0	7.5°	45.3	44.1	44.1	42.9	41.7	41.7	40.5	40.5	39.4	38.2
0.0	10°	41.7	40.5	40.5	39.4	38.2	37.0	37.0	35.8	34.6	33.4
0.0	12.5°	38.2	37.0	35.8	34.6	33.4	32.2	32.2	31.0	29.8	28.6
0.0	15°	33.4	32.2	31.0	29.8	28.6	27.4	27.4	26.2	25.0	23.9
0.0	17.5°	28.6	27.4	27.4	26.2	25.0	23.9	22.7	20.3	19.1	17.9
0.0	20°	21.5	20.3	19.1	17.9	16.7	14.3	13.1	10.7	8.3	7.2
0.0	22.5°	14.3	11.9	10.7	8.3	6.0	4.8	3.6	1.2	0.0	0.0
0.0	25°	4.8	3.6	2.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
0.0	2.5°	50.1	50.1	50.1	48.9	48.9	48.9	48.9	48.9	48.9	48.9
0.0	5°	42.9	42.9	42.9	41.7	41.7	40.5	40.5	40.5	39.4	39.4
0.0	7.5°	37.0	35.8	35.8	34.6	34.6	33.4	33.4	33.4	32.2	32.2
0.0	10°	31.0	29.8	29.8	28.6	28.6	27.4	27.4	26.2	26.2	25.0
0.0	12.5°	27.4	26.2	25.0	23.9	23.9	22.7	21.5	21.5	20.3	19.1
0.0	15°	21.5	20.3	19.1	17.9	16.7	15.5	14.3	14.3	13.1	11.9
0.0	17.5°	14.3	11.9	10.7	9.5	9.5	8.3	7.2	6.0	4.8	3.6
0.0	20°	3.6	2.4	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
0.0	2.5°	48.9	47.7	47.7	47.7	48.9	48.9	48.9	48.9	48.9	48.9
0.0	5°	39.4	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
0.0	7.5°	32.2	31.0	31.0	31.0	31.0	29.8	29.8	29.8	29.8	29.8
0.0	10°	25.0	23.9	23.9	23.9	23.9	22.7	22.7	22.7	22.7	22.7
0.0	12.5°	17.9	17.9	16.7	16.7	16.7	15.5	15.5	15.5	15.5	14.3
0.0	15°	10.7	9.5	8.3	8.3	8.3	7.2	7.2	7.2	7.2	6.0
0.0	17.5°	2.4	2.4	1.2	1.2	1.2	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
0.0	2.5°	50.1	50.1	51.3	51.3	52.5	54.9	56.1	57.2	59.6	62.0
0.0	5°	39.4	40.5	40.5	41.7	42.9	44.1	45.3	46.5	48.9	51.3
0.0	7.5°	31.0	31.0	32.2	32.2	33.4	35.8	37.0	38.2	40.5	44.1
0.0	10°	23.9	23.9	25.0	25.0	26.2	28.6	29.8	31.0	33.4	37.0
0.0	12.5°	15.5	16.7	16.7	17.9	19.1	21.5	22.7	23.9	26.2	28.6
0.0	15°	7.2	8.3	8.3	9.5	10.7	13.1	14.3	15.5	17.9	21.5
0.0	17.5°	1.2	1.2	2.4	2.4	3.6	4.8	6.0	7.2	10.7	13.1
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.8
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
0.0	2.5°	65.6	68.0	70.4	72.8	75.1	77.5	78.7	81.1	82.3	83.5
0.0	5°	56.1	58.4	62.0	64.4	66.8	69.2	71.6	72.8	73.9	75.1
0.0	7.5°	48.9	51.3	54.9	57.2	59.6	62.0	64.4	66.8	68.0	69.2
0.0	10°	41.7	45.3	47.7	51.3	53.7	56.1	58.4	60.8	63.2	64.4
0.0	12.5°	33.4	37.0	40.5	42.9	46.5	50.1	52.5	54.9	57.2	59.6
0.0	15°	26.2	29.8	33.4	35.8	39.4	42.9	46.5	48.9	51.3	53.7
0.0	17.5°	19.1	22.7	26.2	28.6	32.2	35.8	38.2	41.7	44.1	46.5
0.0	20°	9.5	13.1	16.7	20.3	23.9	27.4	29.8	33.4	35.8	38.2
0.0	22.5°	1.2	4.8	8.3	10.7	14.3	17.9	20.3	23.9	26.2	28.6
0.0	25°	0.0	1.2	3.6	4.8	6.0	8.3	10.7	13.1	15.5	17.9
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.2	2.4	4.8	7.2	9.5
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
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	1.2
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.4
	85°	0.0	0.0	0.0	0.0	0.0	2.4	3.6	6.0	7.2	8.3
	87.5°	0.0	1.2	2.4	3.6	4.8	7.2	9.5	11.9	13.1	14.3
	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: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
69.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.6	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											
1.2											
4.8											
10.7											
15.5											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
0.0	2.5°	84.7	84.7	84.7	84.7	83.5	83.5	83.5	82.3	82.3	81.1
0.0	5°	77.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	77.5	77.5
0.0	7.5°	71.6	72.8	73.9	73.9	75.1	75.1	75.1	73.9	73.9	72.8
0.0	10°	68.0	69.2	69.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4
0.0	12.5°	63.2	64.4	65.6	65.6	66.8	66.8	66.8	66.8	65.6	65.6
0.0	15°	57.2	59.6	60.8	62.0	62.0	63.2	63.2	63.2	63.2	63.2
0.0	17.5°	52.5	54.9	56.1	57.2	57.2	58.4	58.4	59.6	59.6	59.6
0.0	20°	42.9	45.3	46.5	48.9	50.1	51.3	52.5	53.7	53.7	54.9
0.0	22.5°	33.4	35.8	37.0	39.4	40.5	41.7	42.9	44.1	45.3	46.5
0.0	25°	23.9	26.2	27.4	29.8	31.0	32.2	33.4	34.6	34.6	35.8
0.0	27.5°	13.1	15.5	17.9	19.1	21.5	22.7	23.9	25.0	26.2	27.4
0.0	30°	6.0	7.2	8.3	10.7	11.9	13.1	14.3	16.7	17.9	19.1
0.0	32.5°	0.0	0.0	1.2	3.6	4.8	6.0	7.2	8.3	8.3	9.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.4	3.6	4.8
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	2.4	2.4	2.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6
	82.5°	6.0	7.2	8.3	8.3	9.5	9.5	9.5	9.5	8.3	8.3
	85°	11.9	13.1	14.3	14.3	15.5	15.5	15.5	15.5	15.5	15.5
	87.5°	16.7	17.9	19.1	19.1	20.3	20.3	20.3	20.3	20.3	20.3
	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: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
69.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
3.6											
8.3											
15.5											
20.3											
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: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
0.0	0°	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
0.0	2.5°	79.9	79.9	78.7	78.7	78.7	78.7	78.7	79.9	81.1	81.1
0.0	5°	76.3	76.3	75.1	75.1	75.1	76.3	76.3	77.5	78.7	79.9
0.0	7.5°	72.8	71.6	71.6	72.8	72.8	73.9	73.9	75.1	76.3	77.5
0.0	10°	70.4	69.2	69.2	69.2	70.4	70.4	71.6	72.8	73.9	75.1
0.0	12.5°	65.6	65.6	65.6	65.6	66.8	66.8	68.0	69.2	71.6	72.8
0.0	15°	63.2	62.0	62.0	62.0	62.0	63.2	63.2	65.6	68.0	69.2
0.0	17.5°	58.4	58.4	57.2	57.2	58.4	58.4	59.6	62.0	64.4	65.6
0.0	20°	53.7	52.5	51.3	51.3	52.5	52.5	53.7	56.1	58.4	59.6
0.0	22.5°	46.5	45.3	45.3	45.3	45.3	46.5	46.5	48.9	52.5	54.9
0.0	25°	37.0	38.2	38.2	39.4	39.4	40.5	41.7	44.1	47.7	50.1
0.0	27.5°	28.6	29.8	29.8	32.2	33.4	34.6	35.8	39.4	42.9	45.3
0.0	30°	21.5	22.7	23.9	25.0	27.4	29.8	32.2	35.8	39.4	41.7
0.0	32.5°	13.1	15.5	16.7	19.1	21.5	23.9	26.2	29.8	34.6	38.2
0.0	35°	9.5	10.7	13.1	14.3	16.7	19.1	21.5	26.2	29.8	34.6
0.0	37.5°	4.8	7.2	9.5	11.9	14.3	16.7	19.1	23.9	28.6	32.2
0.0	40°	3.6	6.0	7.2	9.5	13.1	15.5	17.9	22.7	27.4	32.2
0.0	42.5°	2.4	3.6	4.8	8.3	10.7	14.3	17.9	22.7	27.4	32.2
0.0	45°	2.4	2.4	3.6	7.2	10.7	15.5	19.1	23.9	27.4	32.2
0.0	47.5°	2.4	3.6	4.8	9.5	11.9	15.5	19.1	22.7	27.4	31.0
0.0	50°	3.6	4.8	6.0	10.7	13.1	16.7	19.1	23.9	27.4	32.2
0.0	52.5°	2.4	3.6	4.8	9.5	13.1	17.9	21.5	26.2	31.0	34.6
0.0	55°	1.2	1.2	1.2	7.2	14.3	20.3	27.4	31.0	35.8	39.4
0.0	57.5°	0.0	0.0	0.0	4.8	14.3	22.7	31.0	35.8	40.5	44.1
0.0	60°	0.0	0.0	0.0	4.8	14.3	22.7	31.0	37.0	42.9	48.9
0.0	62.5°	0.0	0.0	0.0	4.8	11.9	19.1	26.2	35.8	46.5	56.1
0.0	65°	0.0	0.0	0.0	3.6	9.5	15.5	21.5	35.8	50.1	63.2
0.0	67.5°	0.0	0.0	0.0	3.6	9.5	14.3	20.3	35.8	50.1	65.6
	70°	0.0	0.0	0.0	3.6	9.5	15.5	21.5	35.8	50.1	64.4
	72.5°	0.0	0.0	0.0	3.6	10.7	16.7	23.9	35.8	47.7	59.6
	75°	0.0	0.0	0.0	4.8	10.7	17.9	25.0	35.8	46.5	56.1
	77.5°	0.0	0.0	0.0	3.6	10.7	16.7	23.9	34.6	45.3	54.9
	80°	3.6	2.4	2.4	6.0	10.7	15.5	20.3	31.0	42.9	53.7
	82.5°	7.2	7.2	6.0	8.3	10.7	14.3	17.9	27.4	38.2	47.7
	85°	14.3	14.3	13.1	14.3	14.3	15.5	16.7	21.5	26.2	31.0
	87.5°	19.1	19.1	17.9	17.9	17.9	16.7	16.7	16.7	16.7	15.5
	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: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
69.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.7											
71.6											
66.8											
65.6											
64.4											
57.2											
35.8											
15.5											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
0.0	2.5°	83.5	84.7	84.7	85.9	87.1	88.3	88.3	89.4	89.4	89.4
0.0	5°	82.3	84.7	85.9	87.1	88.3	89.4	90.6	91.8	93.0	93.0
0.0	7.5°	81.1	82.3	84.7	85.9	88.3	89.4	91.8	93.0	94.2	95.4
0.0	10°	78.7	81.1	83.5	85.9	88.3	90.6	93.0	95.4	97.8	99.0
0.0	12.5°	76.3	79.9	82.3	84.7	88.3	91.8	94.2	97.8	100.2	102.6
0.0	15°	75.1	77.5	81.1	83.5	88.3	93.0	96.6	101.4	106.1	109.7
0.0	17.5°	71.6	76.3	79.9	83.5	88.3	94.2	99.0	103.8	110.9	118.1
0.0	20°	66.8	70.4	75.1	78.7	85.9	91.8	99.0	105.0	115.7	126.4
0.0	22.5°	62.0	66.8	70.4	75.1	83.5	90.6	99.0	106.1	124.0	140.7
0.0	25°	57.2	63.2	68.0	72.8	82.3	91.8	101.4	110.9	140.7	170.5
0.0	27.5°	54.9	59.6	65.6	70.4	82.3	95.4	107.3	119.3	167.0	213.5
0.0	30°	51.3	57.2	62.0	68.0	83.5	99.0	114.5	130.0	202.7	275.5
0.0	32.5°	47.7	53.7	59.6	65.6	85.9	106.1	125.2	145.5	240.9	335.1
0.0	35°	44.1	51.3	57.2	63.2	89.4	116.9	143.1	169.4	275.5	380.5
0.0	37.5°	42.9	50.1	56.1	62.0	90.6	118.1	146.7	174.1	279.1	384.0
0.0	40°	44.1	50.1	57.2	63.2	87.1	110.9	133.6	157.4	267.2	375.7
0.0	42.5°	44.1	51.3	58.4	65.6	84.7	103.8	122.8	141.9	263.6	385.2
0.0	45°	42.9	50.1	57.2	64.4	82.3	99.0	116.9	133.6	285.0	435.3
0.0	47.5°	41.7	48.9	56.1	63.2	81.1	99.0	116.9	134.8	368.5	601.1
0.0	50°	41.7	48.9	54.9	60.8	82.3	105.0	126.4	147.9	536.7	924.3
0.0	52.5°	44.1	50.1	54.9	59.6	84.7	110.9	136.0	161.0	682.2	1202.2
0.0	55°	47.7	51.3	56.1	59.6	90.6	120.5	151.5	181.3	726.3	1271.3
0.0	57.5°	52.5	56.1	59.6	63.2	101.4	139.5	176.5	214.7	729.9	1243.9
0.0	60°	58.4	63.2	66.8	70.4	110.9	152.7	193.2	233.8	660.7	1086.5
0.0	62.5°	71.6	77.5	82.3	88.3	127.6	165.8	205.1	243.3	548.6	853.9
0.0	65°	82.3	87.1	91.8	96.6	134.8	174.1	212.3	250.5	465.1	679.8
0.0	67.5°	84.7	89.4	93.0	97.8	137.2	176.5	214.7	254.0	398.3	541.5
	70°	85.9	91.8	99.0	105.0	145.5	186.1	225.4	266.0	353.0	440.1
	72.5°	82.3	94.2	105.0	115.7	153.9	190.8	229.0	266.0	328.0	390.0
	75°	82.3	99.0	114.5	130.0	158.6	186.1	214.7	242.1	289.8	337.5
	77.5°	87.1	108.5	130.0	151.5	168.2	183.7	200.4	215.9	246.9	277.9
	80°	87.1	109.7	131.2	153.9	161.0	169.4	176.5	183.7	187.2	190.8
	82.5°	75.1	93.0	110.9	128.8	120.5	112.1	103.8	95.4	89.4	82.3
	85°	38.2	41.7	44.1	46.5	42.9	39.4	35.8	32.2	29.8	26.2
	87.5°	15.5	15.5	14.3	14.3	14.3	14.3	13.1	13.1	13.1	13.1
	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: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
69.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
187.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
254.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
353.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
478.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
597.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
678.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
739.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
800.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
919.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1158.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1765.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2703.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3403.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3481.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3141.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2685.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2099.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1586.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1171.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
828.9											
616.6											
448.4											
337.5											
189.6											
85.9											
25.0											
11.9											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											



REPORT NUMBER: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
0.0	2.5°	89.4	88.3	88.3	87.1	85.9	84.7	83.5	82.3	81.1	79.9
0.0	5°	93.0	93.0	93.0	91.8	91.8	90.6	90.6	89.4	88.3	87.1
0.0	7.5°	96.6	97.8	97.8	99.0	99.0	99.0	99.0	97.8	97.8	97.8
0.0	10°	102.6	103.8	105.0	106.1	107.3	108.5	108.5	109.7	109.7	109.7
0.0	12.5°	109.7	113.3	115.7	119.3	121.6	125.2	127.6	131.2	133.6	136.0
0.0	15°	120.5	126.4	133.6	139.5	145.5	153.9	163.4	171.7	180.1	193.2
0.0	17.5°	136.0	155.0	174.1	192.0	211.1	252.8	294.6	335.1	376.9	437.7
0.0	20°	165.8	223.0	279.1	336.3	392.4	539.1	684.6	831.3	976.8	1133.0
0.0	22.5°	232.6	373.3	514.0	654.8	795.5	1102.0	1407.3	1713.8	2019.1	2378.1
0.0	25°	337.5	596.3	855.1	1112.7	1371.5	1851.0	2331.6	2811.0	3290.5	3756.8
0.0	27.5°	491.4	887.3	1283.3	1678.0	2074.0	2724.0	3375.2	4025.1	4675.1	5202.3
0.0	30°	681.0	1217.7	1754.4	2291.1	2827.7	3567.2	4306.6	5044.8	5784.3	6360.3
0.0	32.5°	859.9	1517.0	2174.2	2830.1	3487.3	4329.3	5172.5	6014.5	6856.5	7486.2
0.0	35°	976.8	1771.1	2566.6	3360.8	4155.1	5066.3	5977.5	6887.5	7798.6	8517.8
0.0	37.5°	1093.6	2010.8	2926.7	3843.9	4759.8	5760.4	6761.1	7761.7	8762.3	9650.8
0.0	40°	1224.8	2300.6	3375.2	4450.9	5525.5	6711.0	7895.2	9080.7	10265.0	11518.5
0.0	42.5°	1452.6	2781.2	4111.0	5439.6	6768.2	8336.5	9904.8	11472.0	13040.3	14829.2
0.0	45°	1880.8	3753.2	5626.9	7499.3	9371.7	11449.3	13528.1	15605.6	17683.2	20063.7
0.0	47.5°	2929.1	5505.2	8080.1	10656.2	13231.1	15474.4	17716.6	19960.0	22202.1	24573.1
0.0	50°	4481.9	7480.2	10478.5	13475.6	16473.9	18503.7	20532.4	22562.3	24591.0	26846.2
0.0	52.5°	5605.4	8728.9	11853.6	14977.1	18100.6	19932.5	21765.6	23597.5	25429.4	27536.8
0.0	55°	5690.1	8795.7	11902.5	15008.1	18113.8	19954.0	21794.2	23634.5	25474.7	27708.5
0.0	57.5°	5037.7	8118.3	11197.7	14278.2	17357.6	19453.1	21547.4	23642.8	25737.1	28152.2
0.0	60°	4285.1	7366.9	10447.5	13529.3	16609.8	19023.7	21438.8	23852.7	26266.6	28529.0
0.0	62.5°	3343.0	6513.0	9684.2	12854.2	16024.3	18475.1	20926.0	23375.7	25826.5	27523.6
0.0	65°	2491.4	5569.6	8647.8	11724.8	14803.0	16766.1	18729.2	20691.0	22654.1	23704.8
0.0	67.5°	1800.9	4455.7	7109.3	9764.1	12417.7	13822.6	15227.6	16631.3	18036.2	18840.1
	70°	1217.7	3056.7	4894.6	6733.6	8571.5	9725.9	10881.6	12036.1	13190.6	14275.9
	72.5°	843.2	1876.0	2910.0	3942.9	4975.7	6137.3	7297.7	8459.4	9619.8	10768.3
	75°	559.3	1029.2	1500.3	1970.2	2440.1	3300.0	4161.1	5021.0	5880.9	6565.5
	77.5°	397.1	537.9	679.8	820.5	961.3	1122.3	1284.5	1445.5	1606.5	1851.0
	80°	188.4	206.3	224.2	240.9	258.8	317.2	375.7	434.1	492.6	554.6
	82.5°	89.4	96.6	103.8	109.7	116.9	122.8	128.8	134.8	140.7	134.8
	85°	23.9	23.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	23.9
	87.5°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	9.5	9.5	8.3
	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: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
69.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
497.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1290.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2737.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4223.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5729.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6937.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8117.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9237.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10540.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12771.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16618.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22444.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26944.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29101.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29644.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29943.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30567.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30790.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29222.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24756.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19645.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15360.0											
11916.8											
7250.0											
2095.5											
616.6											
127.6											
22.7											
8.3											
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: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
0.0	2.5°	77.5	76.3	75.1	73.9	72.8	70.4	70.4	69.2	69.2
0.0	5°	84.7	83.5	82.3	81.1	81.1	79.9	78.7	78.7	77.5
0.0	7.5°	96.6	95.4	94.2	93.0	93.0	91.8	91.8	90.6	90.6
0.0	10°	110.9	110.9	110.9	110.9	110.9	109.7	109.7	109.7	108.5
0.0	12.5°	139.5	140.7	143.1	145.5	149.1	149.1	149.1	147.9	147.9
0.0	15°	220.6	233.8	243.3	252.8	261.2	280.3	277.9	274.3	271.9
0.0	17.5°	558.2	617.8	650.0	681.0	713.2	801.5	787.1	772.8	759.7
0.0	20°	1446.7	1602.9	1706.7	1810.4	1915.4	2081.1	2040.6	2000.1	1959.5
0.0	22.5°	3094.9	3453.9	3610.1	3766.3	3921.4	4121.7	3991.8	3861.8	3733.0
0.0	25°	4688.3	5154.6	5418.1	5681.7	5944.1	6058.6	5889.2	5718.7	5549.3
0.0	27.5°	6256.6	6783.7	7016.3	7247.6	7480.2	7719.9	7510.0	7298.9	7089.0
0.0	30°	7513.6	8089.6	8341.3	8591.7	8843.4	9010.4	8793.3	8575.1	8358.0
0.0	32.5°	8746.8	9376.5	9652.0	9927.5	10201.8	10441.5	10174.4	9906.0	9638.9
0.0	35°	9954.9	10674.1	11053.3	11432.6	11811.9	12034.9	11717.6	11399.2	11082.0
0.0	37.5°	11429.0	12317.5	12742.1	13166.7	13591.3	13998.0	13648.5	13297.9	12948.4
0.0	40°	14025.4	15278.9	15930.0	16582.4	17233.6	17758.3	17317.1	16875.8	16434.5
0.0	42.5°	18407.1	20196.1	21132.3	22067.3	23003.6	23822.9	23359.0	22895.0	22431.1
0.0	45°	24824.7	27205.2	28346.6	29486.7	30628.1	31226.8	30558.9	29889.8	29222.0
0.0	47.5°	29313.8	31684.8	32700.9	33717.0	34733.1	35416.5	34599.6	33782.6	32966.8
0.0	50°	31355.6	33610.9	34630.6	35649.1	36668.8	37211.4	36268.1	35323.5	34380.1
0.0	52.5°	31750.4	33857.7	35074.2	36291.9	37508.4	38233.5	37119.6	36004.5	34890.6
0.0	55°	32177.3	34411.1	35822.0	37234.1	38645.0	39649.2	38389.8	37129.1	35869.7
0.0	57.5°	32981.2	35396.2	36803.5	38209.7	39617.0	40469.7	39206.7	37942.5	36679.5
0.0	60°	33052.7	35313.9	36523.3	37733.8	38943.1	39479.8	38271.7	37062.4	35854.2
0.0	62.5°	30919.1	32616.2	33455.8	34295.4	35135.1	35718.3	34457.6	33195.8	31935.2
0.0	65°	25807.4	26858.2	27527.2	28196.3	28865.4	29560.7	28406.2	27251.7	26097.3
0.0	67.5°	20448.9	21252.8	22134.1	23015.5	23896.8	24639.9	23715.6	22790.1	21865.8
	70°	16445.3	17529.4	18520.4	19511.5	20502.6	21110.8	20183.0	19253.9	18326.0
	72.5°	13065.3	14213.8	15041.5	15868.0	16695.7	16844.8	16162.6	15480.4	14799.4
	75°	7933.4	8618.0	8634.7	8650.2	8666.9	8808.8	8243.5	7678.2	7114.1
	77.5°	2340.0	2584.4	2786.0	2986.4	3187.9	3431.2	3223.7	3015.0	2807.5
	80°	677.4	739.4	791.9	843.2	895.7	864.7	815.8	766.9	718.0
	82.5°	121.6	114.5	113.3	112.1	112.1	106.1	96.6	87.1	77.5
	85°	21.5	20.3	19.1	17.9	16.7	15.5	13.1	11.9	9.5
	87.5°	7.2	6.0	4.8	3.6	3.6	1.2	1.2	1.2	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
0.0	0.0	2.5°	68.0	66.8	66.8	66.8	66.8	65.6	65.6	65.6	65.6
0.0	0.0	5°	75.1	75.1	73.9	73.9	72.8	72.8	71.6	71.6	70.4
0.0	0.0	7.5°	88.3	87.1	85.9	84.7	83.5	81.1	79.9	78.7	78.7
0.0	0.0	10°	106.1	103.8	102.6	100.2	99.0	96.6	94.2	91.8	89.4
0.0	0.0	12.5°	139.5	134.8	131.2	126.4	121.6	118.1	113.3	109.7	105.0
0.0	0.0	15°	242.1	230.2	217.1	201.6	184.9	169.4	152.7	143.1	132.4
0.0	0.0	17.5°	619.0	557.0	493.8	442.5	391.2	341.1	289.8	252.8	215.9
0.0	0.0	20°	1575.5	1403.7	1232.0	1062.6	892.1	722.7	552.2	466.3	380.5
0.0	0.0	22.5°	2964.9	2646.5	2326.8	2017.9	1707.9	1399.0	1090.1	895.7	702.5
0.0	0.0	25°	4576.1	4175.4	3774.7	3266.6	2757.4	2249.3	1741.2	1425.2	1109.2
0.0	0.0	27.5°	5954.8	5493.3	5031.7	4413.9	3796.2	3178.4	2560.6	2089.5	1619.6
0.0	0.0	30°	7148.7	6652.5	6156.4	5437.2	4718.1	3998.9	3279.7	2690.6	2101.4
0.0	0.0	32.5°	8183.9	7589.9	6996.0	6254.2	5512.4	4770.5	4028.7	3306.0	2583.2
0.0	0.0	35°	9377.7	8684.8	7990.7	7167.7	6343.6	5520.7	4697.8	3882.0	3065.1
0.0	0.0	37.5°	10894.7	10044.4	9192.8	8275.7	7358.6	6442.6	5525.5	4592.8	3660.2
0.0	0.0	40°	13798.8	12701.6	11604.3	10439.1	9272.7	8107.5	6942.3	5797.4	4652.5
0.0	0.0	42.5°	19002.3	17519.8	16037.4	14486.9	12935.3	11384.9	9833.3	8218.5	6602.4
0.0	0.0	45°	24874.8	23035.8	21195.5	19455.5	17714.2	15974.2	14234.1	12018.2	9802.3
0.0	0.0	47.5°	28177.2	26191.5	24205.7	22558.7	20911.7	19264.6	17617.6	15228.8	12839.9
0.0	0.0	50°	29392.5	27371.0	25349.5	23833.6	22316.6	20800.8	19283.7	16891.3	14497.7
0.0	0.0	52.5°	29651.3	27589.2	25527.2	24001.8	22476.4	20952.2	19426.8	17049.9	14673.0
0.0	0.0	55°	30183.2	27970.9	25757.4	24018.5	22279.6	20540.8	18801.9	16386.8	13971.7
0.0	0.0	57.5°	30878.5	28610.1	26341.7	24360.8	22379.8	20400.0	18419.1	15778.6	13138.1
0.0	0.0	60°	30696.1	28722.2	26747.2	24625.5	22502.7	20381.0	18258.1	15354.0	12448.7
0.0	0.0	62.5°	27528.4	25956.5	24383.4	22638.6	20892.6	19147.8	17402.9	14413.0	11423.1
0.0	0.0	65°	22647.0	21499.6	20352.3	18948.6	17543.7	16139.9	14736.2	12055.2	9375.3
0.0	0.0	67.5°	18354.7	17061.8	15767.8	14649.1	13529.3	12410.6	11290.7	9180.9	7071.1
		70°	14582.4	13176.2	11768.9	10676.5	9582.8	8490.4	7397.9	5995.4	4594.0
		72.5°	11580.5	10312.7	9045.0	7879.7	6713.3	5548.1	4381.7	3552.9	2724.0
		75°	5535.0	5028.2	4521.3	3911.8	3302.4	2693.0	2083.5	1722.2	1362.0
		77.5°	2051.3	1778.2	1503.9	1255.8	1007.8	760.9	512.8	469.9	427.0
		80°	530.7	462.7	393.6	344.7	294.6	245.7	196.8	177.7	159.8
		82.5°	60.8	56.1	52.5	50.1	46.5	44.1	40.5	37.0	33.4
		85°	3.6	2.4	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: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	69.2	69.2
0.0	0.0	2.5°	64.4	63.2
0.0	0.0	5°	68.0	66.8
0.0	0.0	7.5°	75.1	72.8
0.0	0.0	10°	82.3	79.9
0.0	0.0	12.5°	93.0	89.4
0.0	0.0	15°	105.0	97.8
0.0	0.0	17.5°	125.2	109.7
0.0	0.0	20°	169.4	130.0
0.0	0.0	22.5°	238.5	162.2
0.0	0.0	25°	350.6	224.2
0.0	0.0	27.5°	487.8	298.2
0.0	0.0	30°	648.8	373.3
0.0	0.0	32.5°	790.7	444.9
0.0	0.0	35°	975.6	517.6
0.0	0.0	37.5°	1203.4	610.6
0.0	0.0	40°	1556.4	751.4
0.0	0.0	42.5°	2192.1	1011.4
0.0	0.0	45°	3560.0	1748.4
0.0	0.0	47.5°	5477.8	2892.1
0.0	0.0	50°	6701.4	3691.2
0.0	0.0	52.5°	6801.6	3685.2
0.0	0.0	55°	6208.9	3276.2
0.0	0.0	57.5°	5297.7	2738.3
0.0	0.0	60°	4403.2	2165.8
0.0	0.0	62.5°	3469.4	1495.6
0.0	0.0	65°	2535.5	1057.9
0.0	0.0	67.5°	1821.2	790.7
		70°	1197.4	605.9
		72.5°	780.0	493.8
		75°	524.8	409.1
		77.5°	306.5	271.9
		80°	108.5	95.4
		82.5°	20.3	14.3
		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: P1049299

CATALOG NUMBER: GALN-SA5C-927-U-RBC

CANDELA DISTRIBUTION (continued):

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-13

Test Date: 10/11/2024

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

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

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-13
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-927-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 2700K CCT 26 LEDS

Spectral Parameters

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

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



Test Conditions

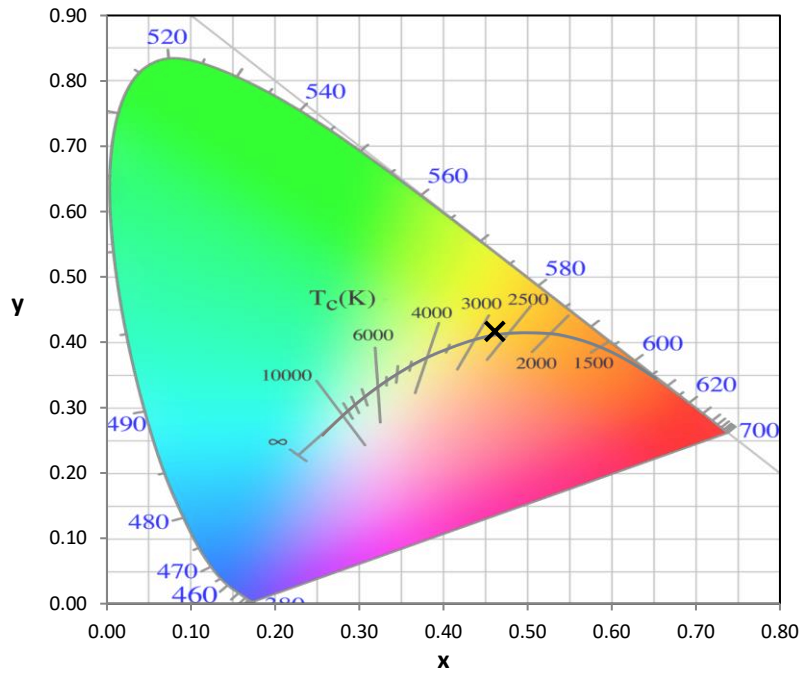
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-13

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

REPORT NUMBER: SP1-2407-184-13

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-13

Photopic Flux vs. Wavelength

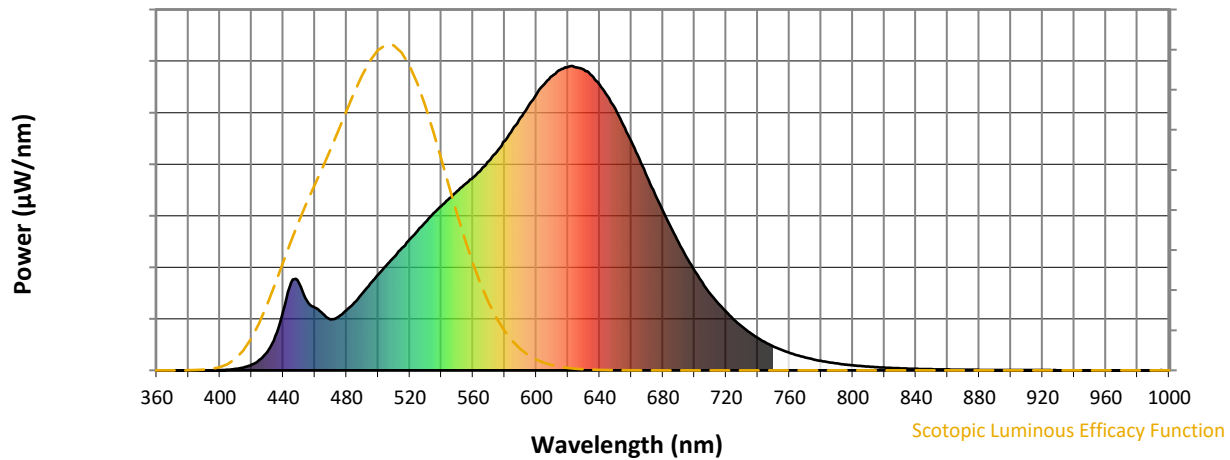


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-13

Scotopic Flux vs. Wavelength



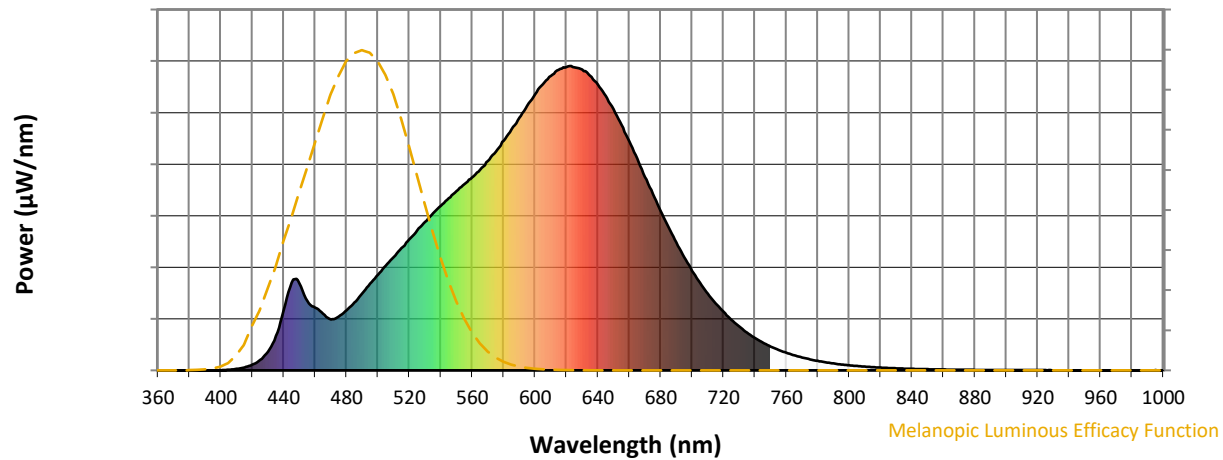
Scotopic Lumens: NR

S/P: 1.27

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

REPORT NUMBER: SP1-2407-184-13

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.38

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

REPORT NUMBER: SP1-2407-184-13

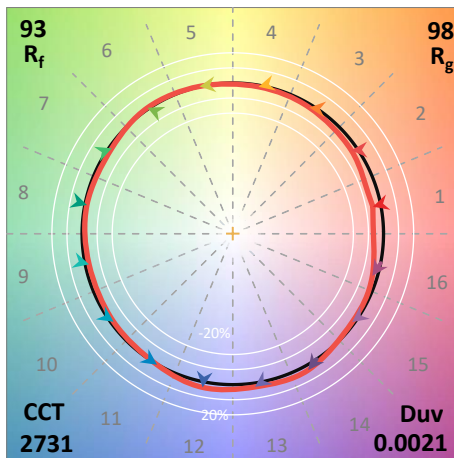
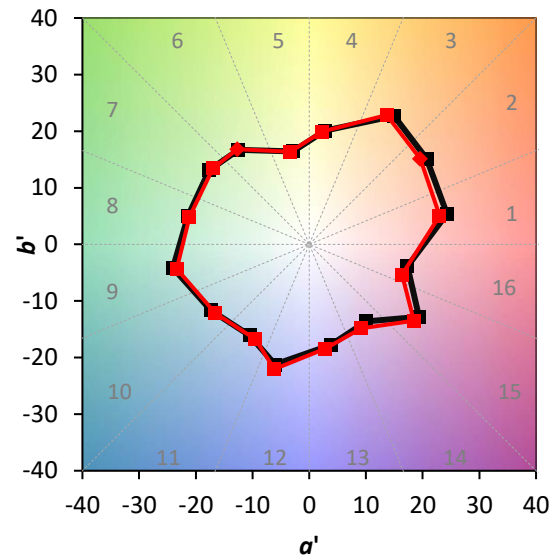
TM-30-18

Summary

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



Color Vector Graphics



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

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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)