

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: P1049167

Luminaire Tested: **GALN-SA8C-830-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049167
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8C-830-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE
80CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 36148.8 lumens
Efficiency: N/A
Efficacy: 96.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

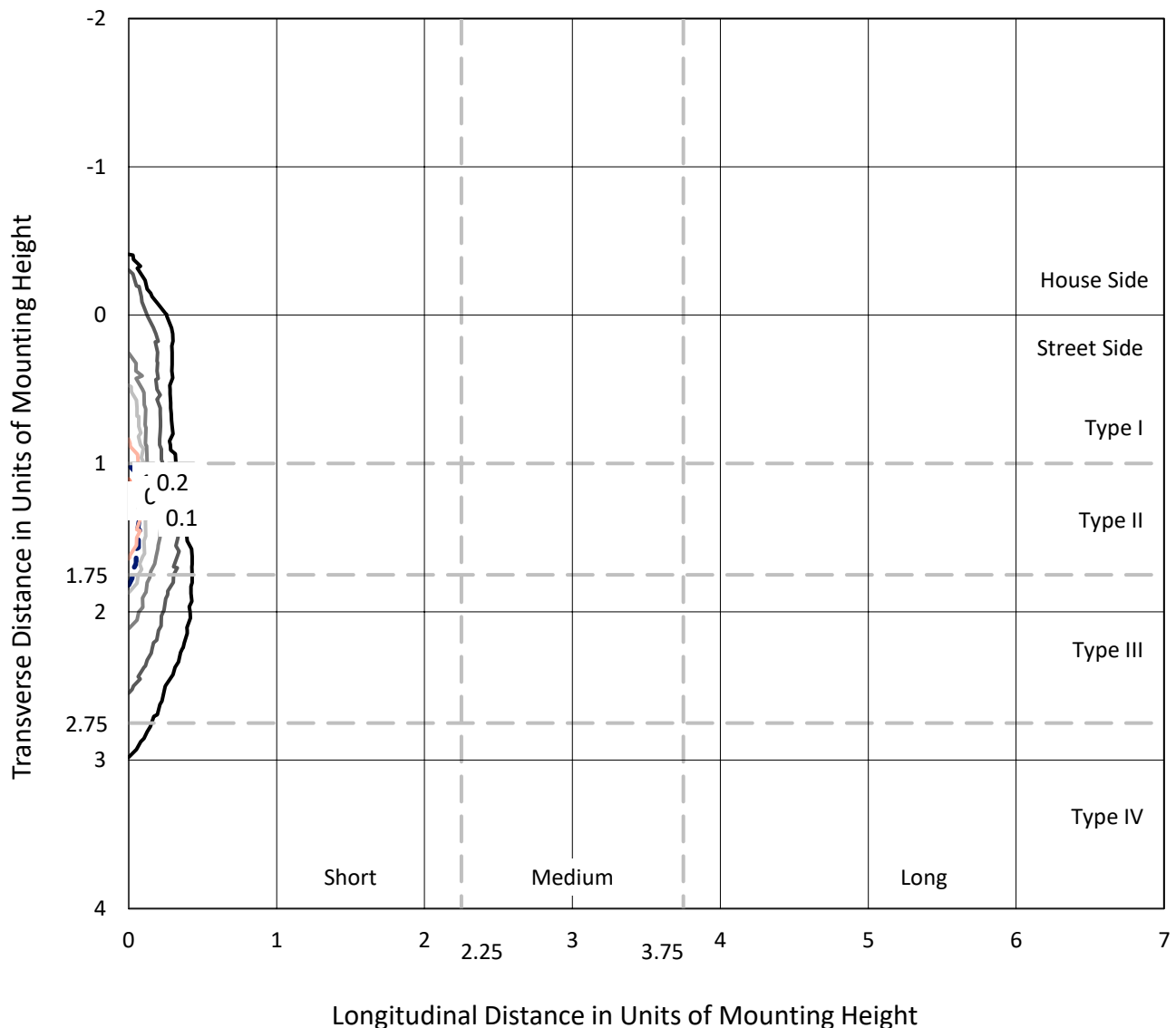
Input Watts (W): 372.9
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

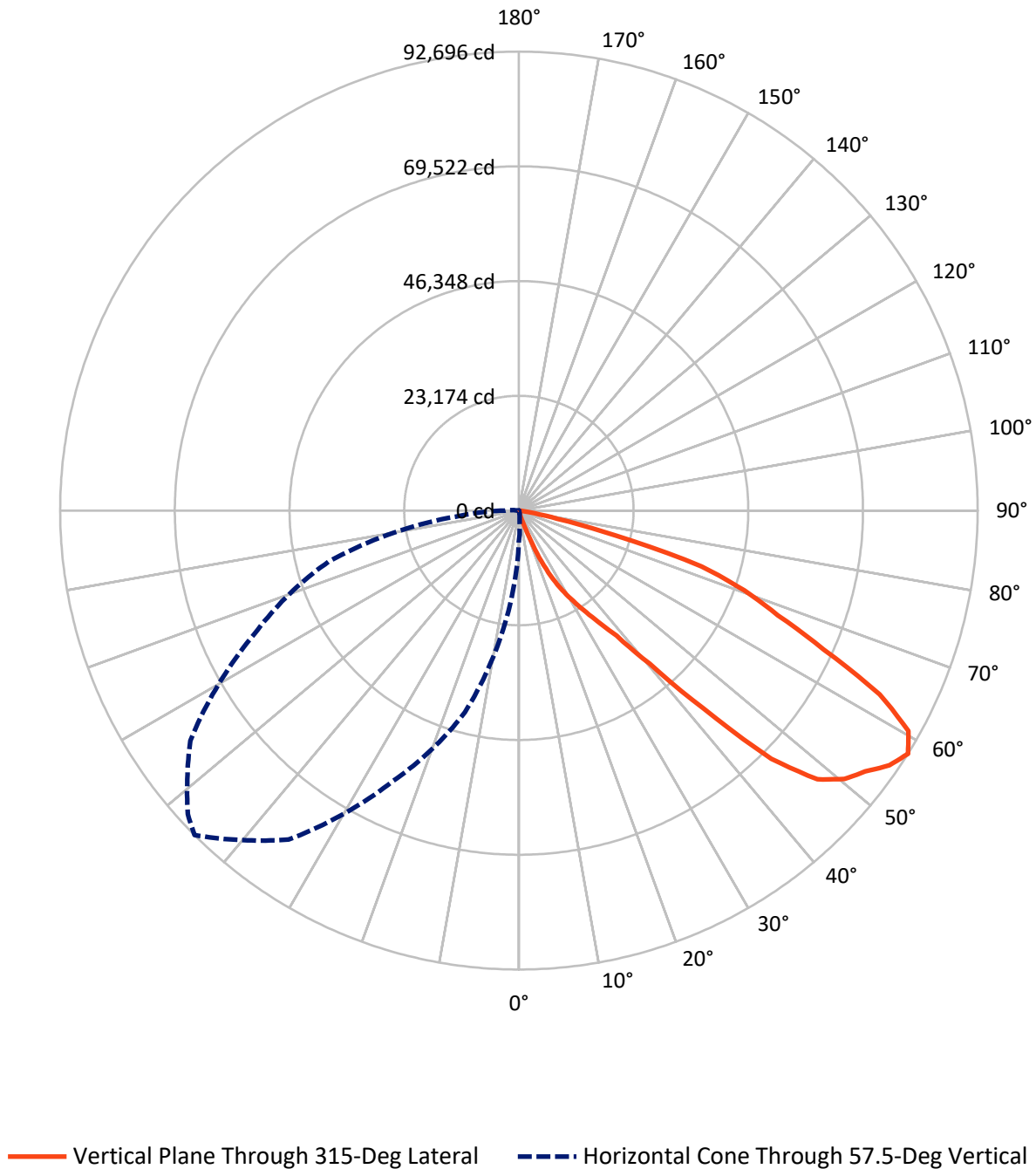
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5.3 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	181.0	0.0	181.0
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	35967.8	0.0	35967.8
	% Fixture	99.5	0.0	99.5
Total	Lumens	36148.8	0.0	36148.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.2	0.0
10°-20°	79.4	0.2
20°-30°	856.7	2.4
30°-40°	2533.3	7.0
40°-50°	7550.1	20.9
50°-60°	11971.6	33.1
60°-70°	9993.4	27.6
70°-80°	3081.6	8.5
80°-90°	68.5	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°	36148.8	100.0
0°-180°	36148.8	100.0



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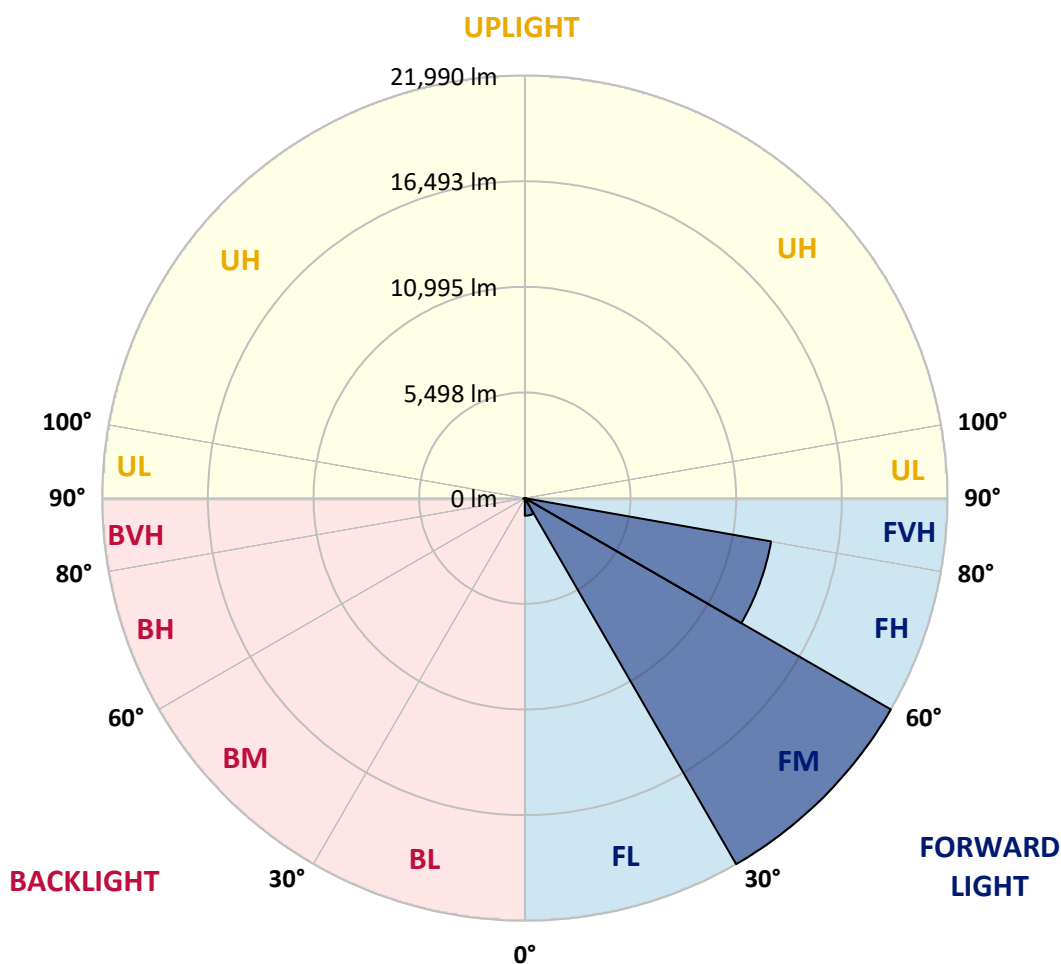
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	917.0	2.5			
FM	(30°-60°)	21990.3	60.8			
FH	(60°-80°)	13007.5	36.0			G5
FVH	(80°-90°)	53.0	0.1			G1/100
BL	(0°-30°)	33.2	0.1	B0/110		
BM	(30°-60°)	64.7	0.2	B0/220		
BH	(60°-80°)	67.5	0.2	B0/110		G0/110
BVH	(80°-90°)	15.5	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-G5

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4
2.5°	144.8	144.8	144.8	144.8	142.1	142.1	139.3	139.3	136.6	136.6
5°	153.0	153.0	150.2	147.5	147.5	144.8	142.1	139.3	139.3	136.6
7.5°	166.6	163.9	161.2	158.4	153.0	150.2	144.8	142.1	139.3	133.9
10°	183.0	177.6	172.1	166.6	161.2	155.7	150.2	147.5	142.1	139.3
12.5°	204.9	196.7	185.8	177.6	172.1	163.9	158.4	153.0	144.8	139.3
15°	224.0	213.1	199.4	188.5	180.3	169.4	161.2	153.0	147.5	139.3
17.5°	251.3	232.2	210.3	196.7	185.8	172.1	158.4	150.2	142.1	131.1
20°	297.8	259.5	218.5	202.1	185.8	169.4	153.0	142.1	133.9	122.9
22.5°	371.5	306.0	240.4	215.8	194.0	169.4	147.5	136.6	125.7	114.7
25°	513.6	396.1	278.6	245.9	213.1	180.3	147.5	133.9	122.9	109.3
27.5°	682.9	508.1	330.5	284.1	240.4	194.0	147.5	131.1	117.5	101.1
30°	855.0	622.8	387.9	327.8	267.7	207.6	147.5	128.4	112.0	92.9
32.5°	1018.9	729.4	437.1	366.1	295.0	221.3	150.2	128.4	106.5	84.7
35°	1185.6	816.8	445.3	371.5	297.8	221.3	147.5	122.9	101.1	76.5
37.5°	1398.6	915.1	428.9	355.1	284.1	210.3	139.3	117.5	95.6	71.0
40°	1721.0	1079.0	437.1	360.6	284.1	207.6	131.1	109.3	90.1	68.3
42.5°	2316.5	1395.9	472.6	385.2	297.8	207.6	120.2	101.1	84.7	65.6
45°	4004.7	2319.2	633.8	502.6	371.5	240.4	109.3	92.9	79.2	62.8
47.5°	6624.5	3881.8	1139.1	879.6	622.8	363.3	106.5	92.9	79.2	62.8
50°	8454.7	4944.4	1434.2	1103.6	773.1	442.5	112.0	95.6	82.0	65.6
52.5°	8441.1	5020.9	1598.1	1226.5	857.8	486.2	117.5	101.1	87.4	71.0
55°	7504.1	4567.5	1628.1	1251.1	876.9	499.9	125.7	109.3	92.9	76.5
57.5°	6272.1	3879.1	1486.1	1150.1	816.8	480.8	144.8	125.7	109.3	90.1
60°	4960.8	3059.5	1158.3	915.1	674.7	431.6	191.2	166.6	144.8	120.2
62.5°	3425.6	2218.2	1010.7	811.3	614.6	415.2	218.5	194.0	172.1	147.5
65°	2423.0	1669.1	912.4	743.0	576.4	407.0	237.7	210.3	185.8	158.4
67.5°	1811.1	1327.6	841.4	696.6	551.8	407.0	262.2	229.5	199.4	166.6
70°	1387.7	1090.0	789.5	672.0	557.3	439.8	322.3	275.9	232.2	185.8
72.5°	1130.9	931.5	729.4	644.7	560.0	475.3	390.6	330.5	270.4	207.6
75°	937.0	797.7	658.3	587.3	519.0	448.0	377.0	322.3	270.4	215.8
77.5°	622.8	568.2	510.8	469.9	428.9	385.2	344.2	297.8	254.1	207.6
80°	218.5	210.3	202.1	218.5	234.9	251.3	267.7	234.9	204.9	172.1
82.5°	32.8	30.0	27.3	30.0	32.8	35.5	38.2	41.0	43.7	46.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4
0.0	2.5°	133.9	133.9	131.1	131.1	131.1	128.4	128.4	125.7	125.7	125.7
0.0	5°	131.1	131.1	128.4	125.7	122.9	122.9	120.2	117.5	117.5	114.7
0.0	7.5°	128.4	125.7	122.9	120.2	117.5	114.7	112.0	109.3	109.3	106.5
0.0	10°	131.1	125.7	122.9	117.5	114.7	112.0	106.5	103.8	101.1	101.1
0.0	12.5°	125.7	122.9	117.5	112.0	109.3	103.8	101.1	95.6	92.9	92.9
0.0	15°	125.7	120.2	112.0	106.5	101.1	98.3	92.9	87.4	84.7	82.0
0.0	17.5°	117.5	112.0	103.8	98.3	92.9	87.4	82.0	76.5	73.8	71.0
0.0	20°	106.5	101.1	92.9	84.7	79.2	73.8	68.3	62.8	60.1	57.4
0.0	22.5°	95.6	90.1	82.0	73.8	68.3	62.8	54.6	49.2	46.4	41.0
0.0	25°	90.1	82.0	73.8	65.6	57.4	51.9	43.7	35.5	30.0	24.6
0.0	27.5°	76.5	68.3	60.1	51.9	43.7	35.5	27.3	19.1	13.7	10.9
0.0	30°	65.6	57.4	49.2	41.0	30.0	21.9	13.7	2.7	2.7	2.7
0.0	32.5°	54.6	46.4	35.5	27.3	21.9	13.7	8.2	0.0	0.0	0.0
0.0	35°	43.7	35.5	24.6	16.4	13.7	8.2	5.5	0.0	0.0	0.0
0.0	37.5°	38.2	30.0	19.1	8.2	5.5	5.5	2.7	0.0	0.0	0.0
0.0	40°	35.5	24.6	13.7	2.7	2.7	2.7	0.0	0.0	0.0	0.0
0.0	42.5°	35.5	24.6	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	35.5	24.6	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	35.5	24.6	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	38.2	27.3	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	43.7	32.8	21.9	10.9	8.2	5.5	2.7	0.0	0.0	0.0
0.0	55°	54.6	49.2	41.0	35.5	27.3	19.1	8.2	0.0	0.0	0.0
0.0	57.5°	71.0	71.0	68.3	65.6	49.2	32.8	16.4	0.0	0.0	0.0
0.0	60°	95.6	95.6	95.6	95.6	71.0	49.2	24.6	0.0	0.0	0.0
0.0	62.5°	117.5	112.0	103.8	98.3	73.8	49.2	24.6	0.0	0.0	0.0
0.0	65°	117.5	106.5	92.9	79.2	60.1	41.0	19.1	0.0	0.0	0.0
0.0	67.5°	109.3	87.4	62.8	41.0	30.0	21.9	10.9	0.0	0.0	0.0
	70°	109.3	76.5	43.7	10.9	8.2	5.5	2.7	0.0	0.0	0.0
	72.5°	109.3	73.8	35.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	120.2	82.0	41.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	120.2	82.0	41.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	106.5	71.0	35.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	35.5	24.6	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]



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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4
0.0	2.5°	122.9	122.9	122.9	120.2	120.2	120.2	120.2	117.5	117.5	117.5
0.0	5°	112.0	112.0	109.3	109.3	106.5	106.5	103.8	103.8	101.1	101.1
0.0	7.5°	103.8	101.1	101.1	98.3	95.6	95.6	92.9	92.9	90.1	87.4
0.0	10°	95.6	92.9	92.9	90.1	87.4	84.7	84.7	82.0	79.2	76.5
0.0	12.5°	87.4	84.7	82.0	79.2	76.5	73.8	73.8	71.0	68.3	65.6
0.0	15°	76.5	73.8	71.0	68.3	65.6	62.8	62.8	60.1	57.4	54.6
0.0	17.5°	65.6	62.8	62.8	60.1	57.4	54.6	51.9	46.4	43.7	41.0
0.0	20°	49.2	46.4	43.7	41.0	38.2	32.8	30.0	24.6	19.1	16.4
0.0	22.5°	32.8	27.3	24.6	19.1	13.7	10.9	8.2	2.7	0.0	0.0
0.0	25°	10.9	8.2	5.5	2.7	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: P1049167

CATALOG NUMBER: GALN-SA8C-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049167

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CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4
0.0	2.5°	114.7	114.7	114.7	112.0	112.0	112.0	112.0	112.0	112.0	112.0
0.0	5°	98.3	98.3	98.3	95.6	95.6	92.9	92.9	92.9	90.1	90.1
0.0	7.5°	84.7	82.0	82.0	79.2	79.2	76.5	76.5	76.5	73.8	73.8
0.0	10°	71.0	68.3	68.3	65.6	65.6	62.8	62.8	60.1	60.1	57.4
0.0	12.5°	62.8	60.1	57.4	54.6	54.6	51.9	49.2	49.2	46.4	43.7
0.0	15°	49.2	46.4	43.7	41.0	38.2	35.5	32.8	32.8	30.0	27.3
0.0	17.5°	32.8	27.3	24.6	21.9	21.9	19.1	16.4	13.7	10.9	8.2
0.0	20°	8.2	5.5	2.7	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: P1049167

CATALOG NUMBER: GALN-SA8C-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049167

CATALOG NUMBER: GALN-SA8C-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°	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4
0.0	2.5°	112.0	109.3	109.3	109.3	112.0	112.0	112.0	112.0	112.0	112.0
0.0	5°	90.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
0.0	7.5°	73.8	71.0	71.0	71.0	71.0	68.3	68.3	68.3	68.3	68.3
0.0	10°	57.4	54.6	54.6	54.6	54.6	51.9	51.9	51.9	51.9	51.9
0.0	12.5°	41.0	41.0	38.2	38.2	38.2	35.5	35.5	35.5	35.5	32.8
0.0	15°	24.6	21.9	19.1	19.1	19.1	16.4	16.4	16.4	16.4	13.7
0.0	17.5°	5.5	5.5	2.7	2.7	2.7	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

CATALOG NUMBER: GALN-SA8C-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049167

CATALOG NUMBER: GALN-SA8C-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°	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4
0.0	2.5°	114.7	114.7	117.5	117.5	120.2	125.7	128.4	131.1	136.6	142.1
0.0	5°	90.1	92.9	92.9	95.6	98.3	101.1	103.8	106.5	112.0	117.5
0.0	7.5°	71.0	71.0	73.8	73.8	76.5	82.0	84.7	87.4	92.9	101.1
0.0	10°	54.6	54.6	57.4	57.4	60.1	65.6	68.3	71.0	76.5	84.7
0.0	12.5°	35.5	38.2	38.2	41.0	43.7	49.2	51.9	54.6	60.1	65.6
0.0	15°	16.4	19.1	19.1	21.9	24.6	30.0	32.8	35.5	41.0	49.2
0.0	17.5°	2.7	2.7	5.5	5.5	8.2	10.9	13.7	16.4	24.6	30.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	10.9
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
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

CATALOG NUMBER: GALN-SA8C-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049167

CATALOG NUMBER: GALN-SA8C-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°	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4
0.0	2.5°	150.2	155.7	161.2	166.6	172.1	177.6	180.3	185.8	188.5	191.2
0.0	5°	128.4	133.9	142.1	147.5	153.0	158.4	163.9	166.6	169.4	172.1
0.0	7.5°	112.0	117.5	125.7	131.1	136.6	142.1	147.5	153.0	155.7	158.4
0.0	10°	95.6	103.8	109.3	117.5	122.9	128.4	133.9	139.3	144.8	147.5
0.0	12.5°	76.5	84.7	92.9	98.3	106.5	114.7	120.2	125.7	131.1	136.6
0.0	15°	60.1	68.3	76.5	82.0	90.1	98.3	106.5	112.0	117.5	122.9
0.0	17.5°	43.7	51.9	60.1	65.6	73.8	82.0	87.4	95.6	101.1	106.5
0.0	20°	21.9	30.0	38.2	46.4	54.6	62.8	68.3	76.5	82.0	87.4
0.0	22.5°	2.7	10.9	19.1	24.6	32.8	41.0	46.4	54.6	60.1	65.6
0.0	25°	0.0	2.7	8.2	10.9	13.7	19.1	24.6	30.0	35.5	41.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.7	5.5	10.9	16.4	21.9
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
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	2.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	2.7	5.5
	85°	0.0	0.0	0.0	0.0	0.0	5.5	8.2	13.7	16.4	19.1
	87.5°	0.0	2.7	5.5	8.2	10.9	16.4	21.9	27.3	30.0	32.8
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049167

CATALOG NUMBER: GALN-SA8C-830-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
158.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.2	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											
2.7											
10.9											
24.6											
35.5											
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REPORT NUMBER: P1049167

CATALOG NUMBER: GALN-SA8C-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°	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4
0.0	2.5°	194.0	194.0	194.0	194.0	191.2	191.2	191.2	188.5	188.5	185.8
0.0	5°	177.6	180.3	180.3	180.3	180.3	180.3	180.3	180.3	177.6	177.6
0.0	7.5°	163.9	166.6	169.4	169.4	172.1	172.1	172.1	169.4	169.4	166.6
0.0	10°	155.7	158.4	158.4	161.2	161.2	161.2	161.2	161.2	161.2	161.2
0.0	12.5°	144.8	147.5	150.2	150.2	153.0	153.0	153.0	153.0	150.2	150.2
0.0	15°	131.1	136.6	139.3	142.1	142.1	144.8	144.8	144.8	144.8	144.8
0.0	17.5°	120.2	125.7	128.4	131.1	131.1	133.9	133.9	136.6	136.6	136.6
0.0	20°	98.3	103.8	106.5	112.0	114.7	117.5	120.2	122.9	122.9	125.7
0.0	22.5°	76.5	82.0	84.7	90.1	92.9	95.6	98.3	101.1	103.8	106.5
0.0	25°	54.6	60.1	62.8	68.3	71.0	73.8	76.5	79.2	79.2	82.0
0.0	27.5°	30.0	35.5	41.0	43.7	49.2	51.9	54.6	57.4	60.1	62.8
0.0	30°	13.7	16.4	19.1	24.6	27.3	30.0	32.8	38.2	41.0	43.7
0.0	32.5°	0.0	0.0	2.7	8.2	10.9	13.7	16.4	19.1	19.1	21.9
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.7	5.5	8.2	10.9
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°	5.5	5.5	5.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2
	82.5°	13.7	16.4	19.1	19.1	21.9	21.9	21.9	21.9	19.1	19.1
	85°	27.3	30.0	32.8	32.8	35.5	35.5	35.5	35.5	35.5	35.5
	87.5°	38.2	41.0	43.7	43.7	46.4	46.4	46.4	46.4	46.4	46.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049167

CATALOG NUMBER: GALN-SA8C-830-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
158.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.7	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											
8.2											
19.1											
35.5											
46.4											
0.0											
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REPORT NUMBER: P1049167

CATALOG NUMBER: GALN-SA8C-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°	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4
0.0	2.5°	183.0	183.0	180.3	180.3	180.3	180.3	180.3	183.0	185.8	185.8
0.0	5°	174.8	174.8	172.1	172.1	172.1	174.8	174.8	177.6	180.3	183.0
0.0	7.5°	166.6	163.9	163.9	166.6	166.6	169.4	169.4	172.1	174.8	177.6
0.0	10°	161.2	158.4	158.4	158.4	161.2	161.2	163.9	166.6	169.4	172.1
0.0	12.5°	150.2	150.2	150.2	150.2	153.0	153.0	155.7	158.4	163.9	166.6
0.0	15°	144.8	142.1	142.1	142.1	142.1	144.8	144.8	150.2	155.7	158.4
0.0	17.5°	133.9	133.9	131.1	131.1	133.9	133.9	136.6	142.1	147.5	150.2
0.0	20°	122.9	120.2	117.5	117.5	120.2	120.2	122.9	128.4	133.9	136.6
0.0	22.5°	106.5	103.8	103.8	103.8	103.8	106.5	106.5	112.0	120.2	125.7
0.0	25°	84.7	87.4	87.4	90.1	90.1	92.9	95.6	101.1	109.3	114.7
0.0	27.5°	65.6	68.3	68.3	73.8	76.5	79.2	82.0	90.1	98.3	103.8
0.0	30°	49.2	51.9	54.6	57.4	62.8	68.3	73.8	82.0	90.1	95.6
0.0	32.5°	30.0	35.5	38.2	43.7	49.2	54.6	60.1	68.3	79.2	87.4
0.0	35°	21.9	24.6	30.0	32.8	38.2	43.7	49.2	60.1	68.3	79.2
0.0	37.5°	10.9	16.4	21.9	27.3	32.8	38.2	43.7	54.6	65.6	73.8
0.0	40°	8.2	13.7	16.4	21.9	30.0	35.5	41.0	51.9	62.8	73.8
0.0	42.5°	5.5	8.2	10.9	19.1	24.6	32.8	41.0	51.9	62.8	73.8
0.0	45°	5.5	5.5	8.2	16.4	24.6	35.5	43.7	54.6	62.8	73.8
0.0	47.5°	5.5	8.2	10.9	21.9	27.3	35.5	43.7	51.9	62.8	71.0
0.0	50°	8.2	10.9	13.7	24.6	30.0	38.2	43.7	54.6	62.8	73.8
0.0	52.5°	5.5	8.2	10.9	21.9	30.0	41.0	49.2	60.1	71.0	79.2
0.0	55°	2.7	2.7	2.7	16.4	32.8	46.4	62.8	71.0	82.0	90.1
0.0	57.5°	0.0	0.0	0.0	10.9	32.8	51.9	71.0	82.0	92.9	101.1
0.0	60°	0.0	0.0	0.0	10.9	32.8	51.9	71.0	84.7	98.3	112.0
0.0	62.5°	0.0	0.0	0.0	10.9	27.3	43.7	60.1	82.0	106.5	128.4
0.0	65°	0.0	0.0	0.0	8.2	21.9	35.5	49.2	82.0	114.7	144.8
0.0	67.5°	0.0	0.0	0.0	8.2	21.9	32.8	46.4	82.0	114.7	150.2
	70°	0.0	0.0	0.0	8.2	21.9	35.5	49.2	82.0	114.7	147.5
	72.5°	0.0	0.0	0.0	8.2	24.6	38.2	54.6	82.0	109.3	136.6
	75°	0.0	0.0	0.0	10.9	24.6	41.0	57.4	82.0	106.5	128.4
	77.5°	0.0	0.0	0.0	8.2	24.6	38.2	54.6	79.2	103.8	125.7
	80°	8.2	5.5	5.5	13.7	24.6	35.5	46.4	71.0	98.3	122.9
	82.5°	16.4	16.4	13.7	19.1	24.6	32.8	41.0	62.8	87.4	109.3
	85°	32.8	32.8	30.0	32.8	32.8	35.5	38.2	49.2	60.1	71.0
	87.5°	43.7	43.7	41.0	41.0	41.0	38.2	38.2	38.2	38.2	35.5
	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: P1049167

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
158.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
188.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
169.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.3											
163.9											
153.0											
150.2											
147.5											
131.1											
82.0											
35.5											
0.0											
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REPORT NUMBER: P1049167

CATALOG NUMBER: GALN-SA8C-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°	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4
0.0	2.5°	191.2	194.0	194.0	196.7	199.4	202.1	202.1	204.9	204.9	204.9
0.0	5°	188.5	194.0	196.7	199.4	202.1	204.9	207.6	210.3	213.1	213.1
0.0	7.5°	185.8	188.5	194.0	196.7	202.1	204.9	210.3	213.1	215.8	218.5
0.0	10°	180.3	185.8	191.2	196.7	202.1	207.6	213.1	218.5	224.0	226.7
0.0	12.5°	174.8	183.0	188.5	194.0	202.1	210.3	215.8	224.0	229.5	234.9
0.0	15°	172.1	177.6	185.8	191.2	202.1	213.1	221.3	232.2	243.1	251.3
0.0	17.5°	163.9	174.8	183.0	191.2	202.1	215.8	226.7	237.7	254.1	270.4
0.0	20°	153.0	161.2	172.1	180.3	196.7	210.3	226.7	240.4	265.0	289.6
0.0	22.5°	142.1	153.0	161.2	172.1	191.2	207.6	226.7	243.1	284.1	322.3
0.0	25°	131.1	144.8	155.7	166.6	188.5	210.3	232.2	254.1	322.3	390.6
0.0	27.5°	125.7	136.6	150.2	161.2	188.5	218.5	245.9	273.2	382.4	489.0
0.0	30°	117.5	131.1	142.1	155.7	191.2	226.7	262.2	297.8	464.4	631.0
0.0	32.5°	109.3	122.9	136.6	150.2	196.7	243.1	286.8	333.3	551.8	767.6
0.0	35°	101.1	117.5	131.1	144.8	204.9	267.7	327.8	387.9	631.0	871.4
0.0	37.5°	98.3	114.7	128.4	142.1	207.6	270.4	336.0	398.8	639.2	879.6
0.0	40°	101.1	114.7	131.1	144.8	199.4	254.1	306.0	360.6	611.9	860.5
0.0	42.5°	101.1	117.5	133.9	150.2	194.0	237.7	281.4	325.1	603.7	882.4
0.0	45°	98.3	114.7	131.1	147.5	188.5	226.7	267.7	306.0	652.9	997.1
0.0	47.5°	95.6	112.0	128.4	144.8	185.8	226.7	267.7	308.7	844.1	1376.8
0.0	50°	95.6	112.0	125.7	139.3	188.5	240.4	289.6	338.7	1229.3	2117.1
0.0	52.5°	101.1	114.7	125.7	136.6	194.0	254.1	311.4	368.8	1562.6	2753.6
0.0	55°	109.3	117.5	128.4	136.6	207.6	275.9	346.9	415.2	1663.6	2912.0
0.0	57.5°	120.2	128.4	136.6	144.8	232.2	319.6	404.3	491.7	1671.8	2849.2
0.0	60°	133.9	144.8	153.0	161.2	254.1	349.7	442.5	535.4	1513.4	2488.6
0.0	62.5°	163.9	177.6	188.5	202.1	292.3	379.7	469.9	557.3	1256.6	1955.9
0.0	65°	188.5	199.4	210.3	221.3	308.7	398.8	486.2	573.7	1065.4	1557.1
0.0	67.5°	194.0	204.9	213.1	224.0	314.1	404.3	491.7	581.9	912.4	1240.2
	70°	196.7	210.3	226.7	240.4	333.3	426.2	516.3	609.2	808.6	1008.0
	72.5°	188.5	215.8	240.4	265.0	352.4	437.1	524.5	609.2	751.2	893.3
	75°	188.5	226.7	262.2	297.8	363.3	426.2	491.7	554.5	663.8	773.1
	77.5°	199.4	248.6	297.8	346.9	385.2	420.7	458.9	494.4	565.5	636.5
	80°	199.4	251.3	300.5	352.4	368.8	387.9	404.3	420.7	428.9	437.1
	82.5°	172.1	213.1	254.1	295.0	275.9	256.8	237.7	218.5	204.9	188.5
	85°	87.4	95.6	101.1	106.5	98.3	90.1	82.0	73.8	68.3	60.1
	87.5°	35.5	35.5	32.8	32.8	32.8	32.8	30.0	30.0	30.0	30.0
	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: P1049167

CATALOG NUMBER: GALN-SA8C-830-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
158.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
204.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
213.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
221.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
232.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
243.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
265.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
292.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
336.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
428.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
581.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
808.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1095.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1368.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1554.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1693.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1833.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2106.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2652.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4043.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6192.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7796.4	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7973.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7195.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6151.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4807.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3633.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2682.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1898.6											
1412.3											
1027.1											
773.1											
434.3											
196.7											
57.4											
27.3											
0.0											
0.0											
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REPORT NUMBER: P1049167

CATALOG NUMBER: GALN-SA8C-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°	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4
0.0	2.5°	204.9	202.1	202.1	199.4	196.7	194.0	191.2	188.5	185.8	183.0
0.0	5°	213.1	213.1	213.1	210.3	210.3	207.6	207.6	204.9	202.1	199.4
0.0	7.5°	221.3	224.0	224.0	226.7	226.7	226.7	226.7	224.0	224.0	224.0
0.0	10°	234.9	237.7	240.4	243.1	245.9	248.6	248.6	251.3	251.3	251.3
0.0	12.5°	251.3	259.5	265.0	273.2	278.6	286.8	292.3	300.5	306.0	311.4
0.0	15°	275.9	289.6	306.0	319.6	333.3	352.4	374.2	393.4	412.5	442.5
0.0	17.5°	311.4	355.1	398.8	439.8	483.5	579.1	674.7	767.6	863.2	1002.5
0.0	20°	379.7	510.8	639.2	770.3	898.7	1234.7	1568.0	1904.0	2237.3	2595.1
0.0	22.5°	532.7	855.0	1177.4	1499.7	1822.1	2524.1	3223.4	3925.5	4624.8	5447.1
0.0	25°	773.1	1365.9	1958.7	2548.7	3141.5	4239.7	5340.5	6438.7	7536.9	8605.0
0.0	27.5°	1125.5	2032.4	2939.3	3843.6	4750.5	6239.3	7730.8	9219.6	10708.4	11915.8
0.0	30°	1559.8	2789.1	4018.4	5247.7	6476.9	8170.6	9864.3	11555.2	13248.9	14568.3
0.0	32.5°	1969.6	3474.8	4980.0	6482.4	7987.6	9916.2	11847.5	13776.1	15704.7	17147.1
0.0	35°	2237.3	4056.6	5878.7	7698.0	9517.4	11604.4	13691.5	15775.8	17862.8	19510.0
0.0	37.5°	2505.0	4605.7	6703.7	8804.4	10902.4	13194.3	15486.2	17778.1	20070.1	22105.2
0.0	40°	2805.5	5269.5	7730.8	10194.8	12656.1	15371.5	18084.1	20799.4	23512.0	26383.1
0.0	42.5°	3327.3	6370.4	9416.3	12459.4	15502.6	19094.8	22687.1	26276.6	29868.8	33966.4
0.0	45°	4307.9	8596.8	12888.3	17177.1	21466.0	26224.7	30986.1	35744.7	40503.4	45956.0
0.0	47.5°	6709.1	12609.7	18507.5	24408.0	30305.9	35444.3	40579.9	45718.3	50854.0	56284.7
0.0	50°	10265.9	17133.4	24001.0	30865.9	37733.4	42382.9	47029.5	51679.0	56325.6	61491.3
0.0	52.5°	12839.2	19993.6	27150.7	34305.1	41459.5	45655.5	49854.2	54050.1	58246.0	63073.0
0.0	55°	13033.1	20146.5	27262.7	34376.1	41489.6	45704.7	49919.7	54134.8	58349.9	63466.4
0.0	57.5°	11538.8	18594.9	25648.3	32704.3	39757.7	44557.3	49354.2	54153.9	58950.8	64482.6
0.0	60°	9815.1	16873.9	23930.0	30988.8	38044.9	43573.9	49105.7	54634.7	60163.7	65345.8
0.0	62.5°	7657.1	14918.0	22181.7	29442.6	36703.6	42317.3	47931.0	53542.0	59155.7	63043.0
0.0	65°	5706.6	12757.2	19807.8	26855.7	33906.3	38402.7	42899.2	47392.9	51889.3	54296.0
0.0	67.5°	4124.9	10205.8	16283.9	22364.7	28442.8	31660.8	34878.8	38094.0	41312.0	43153.2
	70°	2789.1	7001.4	11211.0	15423.4	19633.0	22277.3	24924.3	27568.7	30213.0	32698.9
	72.5°	1931.3	4297.0	6665.4	9031.1	11396.8	14057.5	16715.5	19376.2	22034.2	24664.8
	75°	1281.2	2357.5	3436.5	4512.8	5589.1	7558.7	9531.0	11500.6	13470.2	15038.2
	77.5°	909.7	1232.0	1557.1	1879.4	2201.8	2570.6	2942.1	3310.9	3679.6	4239.7
	80°	431.6	472.6	513.6	551.8	592.8	726.6	860.5	994.4	1128.2	1270.3
	82.5°	204.9	221.3	237.7	251.3	267.7	281.4	295.0	308.7	322.3	308.7
	85°	54.6	54.6	57.4	57.4	57.4	57.4	57.4	57.4	57.4	54.6
	87.5°	24.6	24.6	24.6	24.6	24.6	24.6	24.6	21.9	21.9	19.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA8C-830-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
158.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
196.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
221.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
254.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
314.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
475.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1139.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2955.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6269.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9673.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13123.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15890.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18592.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21157.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24143.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29254.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38064.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51408.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61715.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66657.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67900.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68585.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70014.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70525.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66933.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56705.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44997.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35182.0											
27295.5											
16606.2											
4799.7											
1412.3											
292.3											
51.9											
19.1											
0.0											
0.0											
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REPORT NUMBER: P1049167

CATALOG NUMBER: GALN-SA8C-830-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4
0.0	2.5°	177.6	174.8	172.1	169.4	166.6	161.2	161.2	158.4	158.4
0.0	5°	194.0	191.2	188.5	185.8	185.8	183.0	180.3	180.3	177.6
0.0	7.5°	221.3	218.5	215.8	213.1	213.1	210.3	210.3	207.6	207.6
0.0	10°	254.1	254.1	254.1	254.1	254.1	251.3	251.3	251.3	248.6
0.0	12.5°	319.6	322.3	327.8	333.3	341.5	341.5	341.5	338.7	338.7
0.0	15°	505.4	535.4	557.3	579.1	598.2	642.0	636.5	628.3	622.8
0.0	17.5°	1278.5	1415.0	1488.8	1559.8	1633.6	1835.7	1802.9	1770.2	1740.1
0.0	20°	3313.6	3671.5	3909.1	4146.8	4387.2	4766.9	4674.0	4581.1	4488.2
0.0	22.5°	7088.9	7911.1	8269.0	8626.8	8981.9	9440.9	9143.1	8845.4	8550.3
0.0	25°	10738.4	11806.6	12410.3	13014.0	13615.0	13877.2	13489.3	13098.7	12710.8
0.0	27.5°	14330.7	15538.1	16070.8	16600.8	17133.4	17682.5	17201.7	16718.2	16237.4
0.0	30°	17209.9	18529.4	19105.8	19679.4	20255.8	20638.3	20141.1	19641.2	19144.0
0.0	32.5°	20034.5	21476.9	22107.9	22739.0	23367.3	23916.3	23304.4	22689.8	22077.9
0.0	35°	22801.8	24449.0	25317.7	26186.4	27055.1	27565.9	26839.3	26109.9	25383.3
0.0	37.5°	26178.2	28213.4	29185.9	30158.3	31130.8	32062.4	31262.0	30458.8	29658.4
0.0	40°	32125.2	34996.3	36487.8	37982.0	39473.6	40675.5	39664.8	38654.0	37643.3
0.0	42.5°	42161.6	46259.2	48403.6	50545.3	52689.7	54566.4	53503.8	52441.1	51378.5
0.0	45°	56861.1	62313.6	64927.9	67539.4	70153.7	71525.0	69995.2	68462.7	66933.0
0.0	47.5°	67143.3	72574.0	74901.4	77228.9	79556.3	81121.6	79250.4	77379.1	75510.6
0.0	50°	71820.0	76985.7	79321.4	81654.3	83989.9	85232.9	83072.0	80908.5	78747.7
0.0	52.5°	72724.2	77551.2	80337.6	83126.7	85913.1	87573.9	85022.5	82468.3	79916.9
0.0	55°	73702.2	78818.7	82050.4	85284.8	88516.4	90816.5	87931.8	85044.4	82159.6
0.0	57.5°	75543.4	81075.2	84298.6	87519.3	90742.8	92696.0	89803.0	86907.4	84014.5
0.0	60°	75707.3	80886.7	83656.6	86429.4	89199.3	90428.6	87661.4	84891.4	82124.1
0.0	62.5°	70820.2	74707.5	76630.6	78553.8	80476.9	81812.7	78925.3	76035.1	73147.7
0.0	65°	59112.0	61518.7	63051.2	64583.7	66116.2	67708.8	65064.5	62420.1	59775.8
0.0	67.5°	46838.3	48679.5	50698.3	52717.0	54735.8	56437.6	54320.5	52200.7	50083.6
	70°	37667.9	40151.0	42421.1	44691.2	46961.2	48354.4	46229.1	44101.1	41975.8
	72.5°	29926.2	32556.8	34452.6	36345.7	38241.6	38583.0	37020.5	35457.9	33898.1
	75°	18171.5	19739.5	19777.8	19813.3	19851.5	20176.6	18881.7	17586.9	16294.8
	77.5°	5359.7	5919.7	6381.3	6840.3	7301.9	7859.2	7383.9	6905.8	6430.5
	80°	1551.6	1693.7	1813.9	1931.3	2051.5	1980.5	1868.5	1756.5	1644.5
	82.5°	278.6	262.2	259.5	256.8	256.8	243.1	221.3	199.4	177.6
	85°	49.2	46.4	43.7	41.0	38.2	35.5	30.0	27.3	21.9
	87.5°	16.4	13.7	10.9	8.2	8.2	2.7	2.7	2.7	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA8C-830-U-RBC

CANDELA DISTRIBUTION (continued):

325°	327.5°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
158.4	158.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.7	155.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.8	174.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
204.9	202.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
248.6	245.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
336.0	327.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
614.6	584.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1707.3	1562.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4395.4	4002.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8252.6	7523.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12320.1	11402.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15756.6	14699.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18646.8	17510.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21466.0	20105.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24656.6	23069.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28855.3	26904.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36632.6	34119.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50315.8	46920.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65403.2	61190.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73639.4	69091.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76586.9	71956.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77362.7	72639.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79272.2	74204.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81121.6	75925.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79356.9	74833.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70257.5	66657.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57131.5	54503.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47966.5	45005.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39847.8	36624.4										
32335.5	29431.7										
15000.0	13839.0										
5955.2	5326.9										
1532.5	1374.1										
155.7	147.5										
16.4	13.7										
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										
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0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										
0.0	0.0										

REPORT NUMBER: P1049167

CATALOG NUMBER: GALN-SA8C-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°	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4
0.0	0.0	2.5°	155.7	153.0	153.0	153.0	153.0	150.2	150.2	150.2	150.2
0.0	0.0	5°	172.1	172.1	169.4	169.4	166.6	166.6	163.9	163.9	161.2
0.0	0.0	7.5°	202.1	199.4	196.7	194.0	191.2	185.8	183.0	180.3	180.3
0.0	0.0	10°	243.1	237.7	234.9	229.5	226.7	221.3	215.8	210.3	204.9
0.0	0.0	12.5°	319.6	308.7	300.5	289.6	278.6	270.4	259.5	251.3	240.4
0.0	0.0	15°	554.5	527.2	497.2	461.7	423.4	387.9	349.7	327.8	303.2
0.0	0.0	17.5°	1417.8	1275.7	1130.9	1013.5	896.0	781.3	663.8	579.1	494.4
0.0	0.0	20°	3608.6	3215.3	2821.9	2434.0	2043.3	1655.4	1264.8	1068.1	871.4
0.0	0.0	22.5°	6791.1	6061.7	5329.6	4622.1	3911.8	3204.3	2496.8	2051.5	1609.0
0.0	0.0	25°	10481.7	9563.8	8645.9	7482.2	6315.8	5152.1	3988.3	3264.4	2540.5
0.0	0.0	27.5°	13639.6	12582.4	11525.2	10110.1	8695.1	7280.1	5865.0	4786.0	3709.7
0.0	0.0	30°	16374.0	15237.6	14101.2	12454.0	10806.7	9159.5	7512.3	6162.8	4813.3
0.0	0.0	32.5°	18745.2	17384.8	16024.4	14325.2	12626.1	10926.9	9227.8	7572.4	5916.9
0.0	0.0	35°	21479.6	19892.5	18302.6	16417.7	14530.1	12645.2	10760.3	8891.8	7020.6
0.0	0.0	37.5°	24954.4	23006.7	21056.2	18955.5	16854.8	14756.8	12656.1	10519.9	8383.7
0.0	0.0	40°	31606.2	29093.0	26579.8	23910.9	21239.2	18570.3	15901.4	13279.0	10656.5
0.0	0.0	42.5°	43524.7	40129.2	36733.6	33182.4	29628.4	26077.1	22523.2	18824.4	15122.9
0.0	0.0	45°	56975.8	52763.5	48548.4	44562.8	40574.5	36588.9	32603.3	27527.7	22452.1
0.0	0.0	47.5°	64540.0	59991.6	55443.3	51670.8	47898.2	44125.7	40353.2	34881.5	29409.9
0.0	0.0	50°	67323.6	62693.3	58063.0	54591.0	51116.2	47644.2	44169.4	38689.6	33207.0
0.0	0.0	52.5°	67916.4	63193.2	58470.0	54976.2	51482.3	47991.1	44497.2	39052.9	33608.5
0.0	0.0	55°	69134.7	64067.4	58997.3	55014.4	51031.5	47048.7	43065.8	37534.0	32002.3
0.0	0.0	57.5°	70727.3	65531.6	60335.8	55798.4	51261.0	46726.3	42188.9	36140.8	30092.8
0.0	0.0	60°	70309.4	65788.4	61264.6	56404.9	51542.4	46682.6	41820.1	35168.4	28513.8
0.0	0.0	62.5°	63053.9	59453.5	55850.3	51853.8	47854.5	43858.0	39861.5	33013.0	26164.6
0.0	0.0	65°	51872.9	49245.0	46617.1	43401.8	40183.8	36968.6	33753.3	27612.4	21474.2
0.0	0.0	67.5°	42041.4	39080.2	36116.3	33553.9	30988.8	28426.4	25861.3	21028.9	16196.5
		70°	33400.9	30180.2	26956.8	24454.5	21949.5	19447.2	16944.9	13732.4	10522.6
		72.5°	26525.1	23621.3	20717.5	18048.6	15376.9	12708.0	10036.4	8137.8	6239.3
		75°	12678.0	11517.0	10356.0	8960.1	7564.2	6168.3	4772.3	3944.6	3119.6
		77.5°	4698.6	4073.0	3444.7	2876.5	2308.3	1742.8	1174.6	1076.3	978.0
		80°	1215.6	1059.9	901.5	789.5	674.7	562.7	450.7	407.0	366.1
		82.5°	139.3	128.4	120.2	114.7	106.5	101.1	92.9	84.7	76.5
		85°	8.2	5.5	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: P1049167

CATALOG NUMBER: GALN-SA8C-830-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049167

CATALOG NUMBER: GALN-SA8C-830-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	158.4	158.4
0.0	0.0	2.5°	147.5	144.8
0.0	0.0	5°	155.7	153.0
0.0	0.0	7.5°	172.1	166.6
0.0	0.0	10°	188.5	183.0
0.0	0.0	12.5°	213.1	204.9
0.0	0.0	15°	240.4	224.0
0.0	0.0	17.5°	286.8	251.3
0.0	0.0	20°	387.9	297.8
0.0	0.0	22.5°	546.3	371.5
0.0	0.0	25°	803.1	513.6
0.0	0.0	27.5°	1117.3	682.9
0.0	0.0	30°	1486.1	855.0
0.0	0.0	32.5°	1811.1	1018.9
0.0	0.0	35°	2234.6	1185.6
0.0	0.0	37.5°	2756.3	1398.6
0.0	0.0	40°	3564.9	1721.0
0.0	0.0	42.5°	5020.9	2316.5
0.0	0.0	45°	8154.2	4004.7
0.0	0.0	47.5°	12546.9	6624.5
0.0	0.0	50°	15349.6	8454.7
0.0	0.0	52.5°	15579.1	8441.1
0.0	0.0	55°	14221.4	7504.1
0.0	0.0	57.5°	12134.4	6272.1
0.0	0.0	60°	10085.6	4960.8
0.0	0.0	62.5°	7946.6	3425.6
0.0	0.0	65°	5807.7	2423.0
0.0	0.0	67.5°	4171.4	1811.1
		70°	2742.7	1387.7
		72.5°	1786.6	1130.9
		75°	1202.0	937.0
		77.5°	702.1	622.8
		80°	248.6	218.5
		82.5°	46.4	32.8
		85°	0.0	0.0
		87.5°	0.0	0.0
		90°	0.0	0.0
		92.5°	0.0	0.0
		95°	0.0	0.0
		97.5°	0.0	0.0
		100°	0.0	0.0
		102.5°	0.0	0.0
		105°	0.0	0.0
		107.5°	0.0	0.0
		110°	0.0	0.0



REPORT NUMBER: P1049167

CATALOG NUMBER: GALN-SA8C-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

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

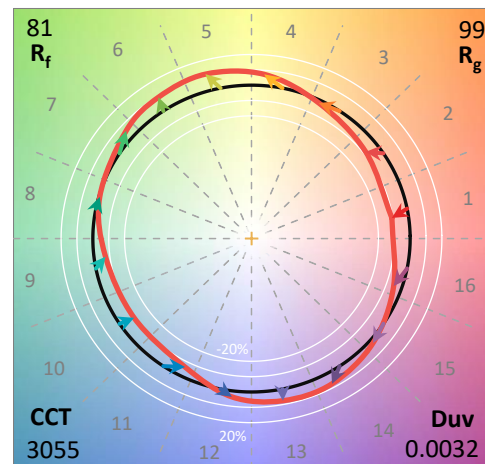
Test Information

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 ^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	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

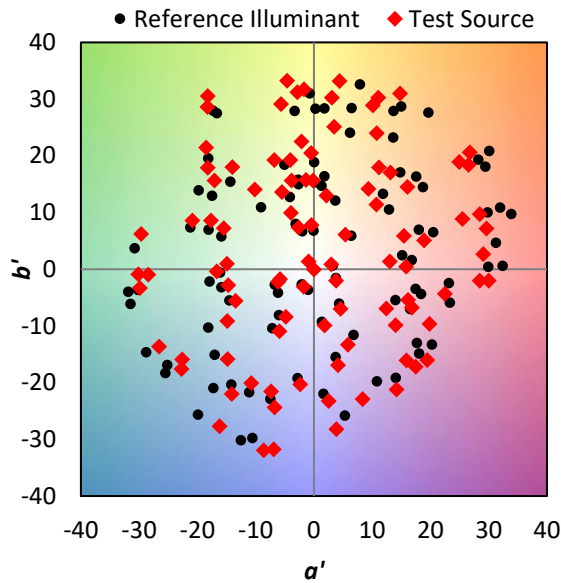
TM-30-18

Summary

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



Color Vector Graphics



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

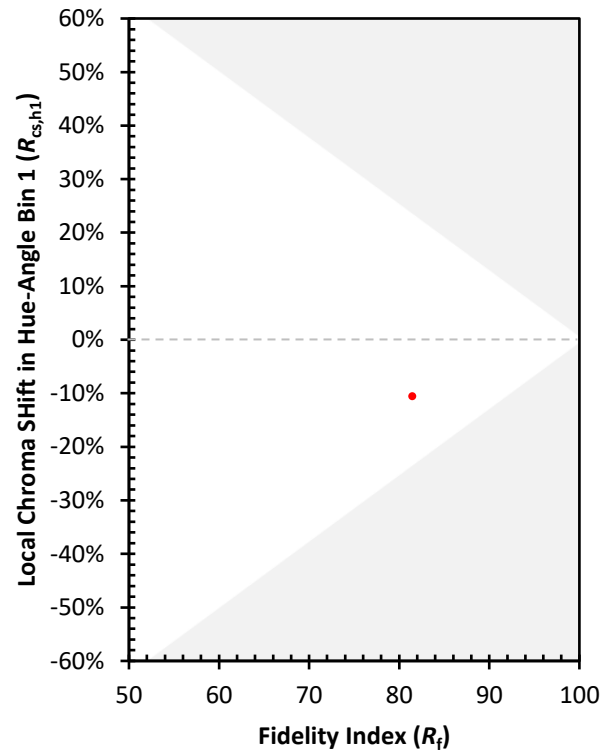
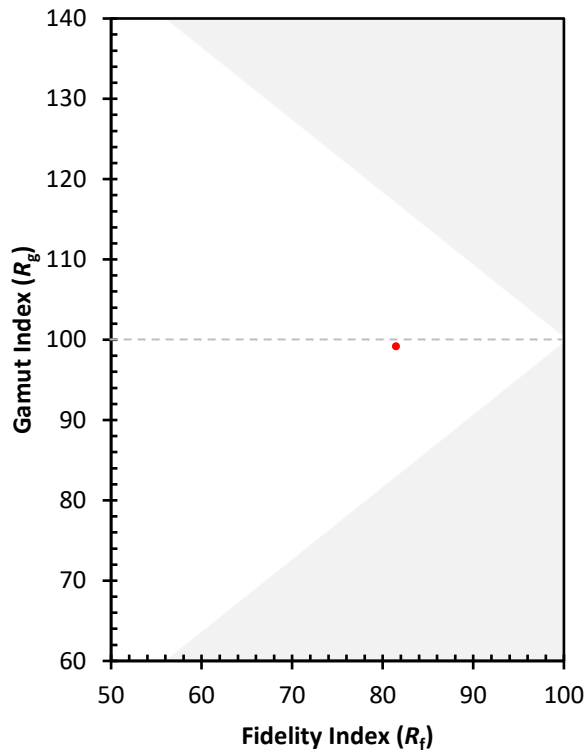
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
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CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 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)