

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: P1049127

Luminaire Tested: **GALN-SA7C-827-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049127
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7C-827-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE
80CRI 2700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (98) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 30326.9 lumens
Efficiency: N/A
Efficacy: 91.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

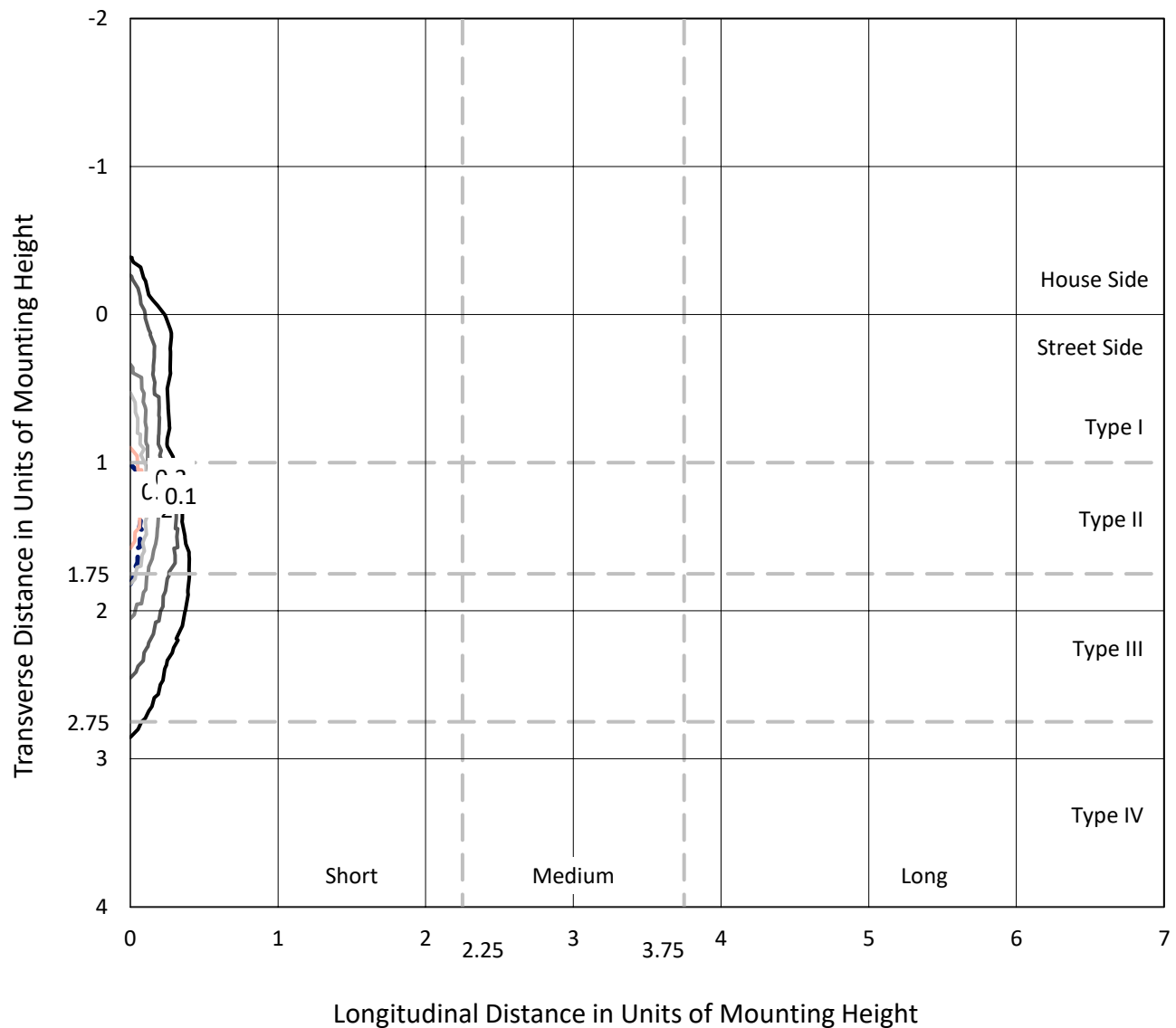
Input Watts (W): 330
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

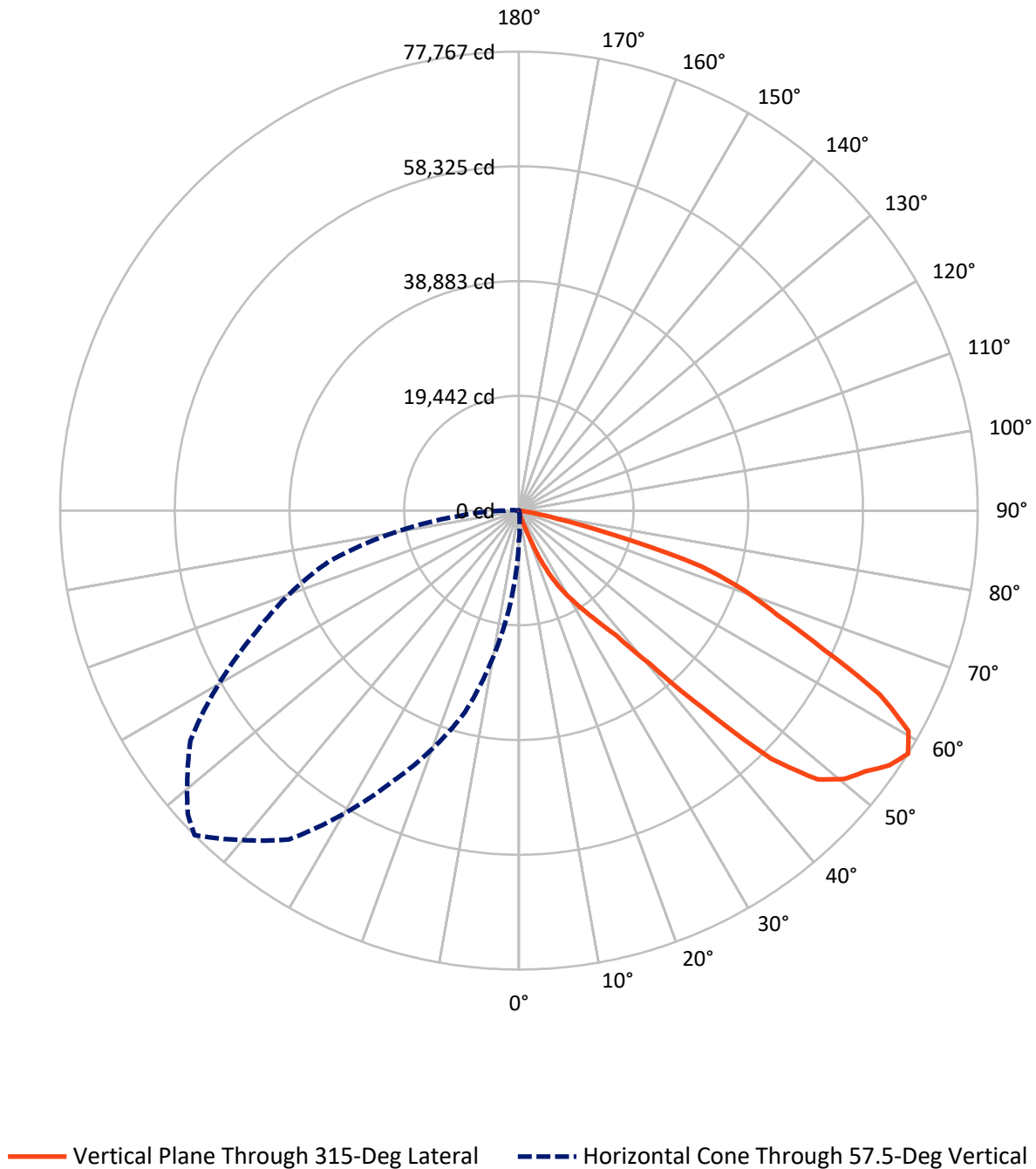


Based on 20 foot mounting height. Maximum calculated value = 4.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	151.9	0.0	151.9
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	30175.1	0.0	30175.1
	% Fixture	99.5	0.0	99.5
Total	Lumens	30326.9	0.0	30326.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.9	0.0
10°-20°	66.6	0.2
20°-30°	718.7	2.4
30°-40°	2125.3	7.0
40°-50°	6334.1	20.9
50°-60°	10043.6	33.1
60°-70°	8383.9	27.6
70°-80°	2585.3	8.5
80°-90°	57.5	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°	30326.9	100.0
0°-180°	30326.9	100.0



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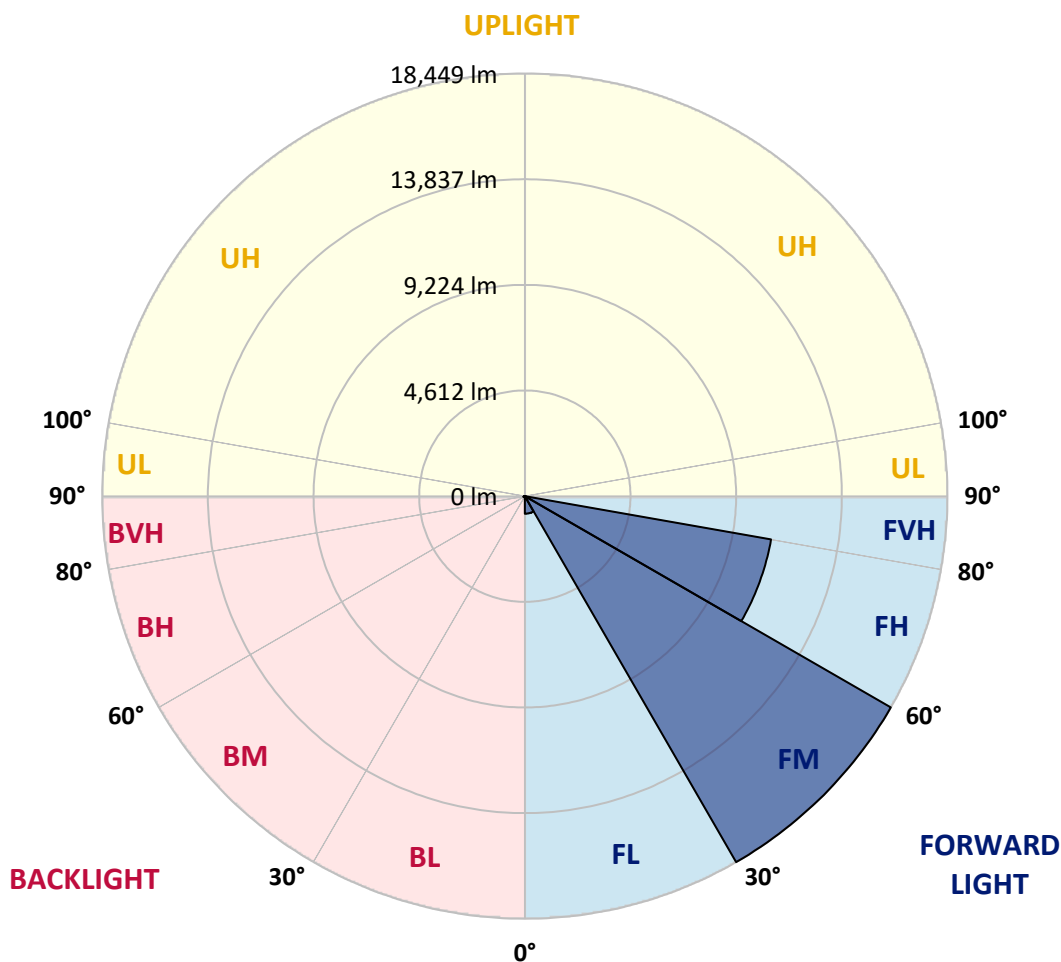
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	769.3	2.5			
FM	(30°-60°)	18448.7	60.8			
FH	(60°-80°)	10912.6	36.0			G4/12000
FVH	(80°-90°)	44.4	0.1			G1/100
BL	(0°-30°)	27.9	0.1	B0/110		
BM	(30°-60°)	54.3	0.2	B0/220		
BH	(60°-80°)	56.6	0.2	B0/110		G0/110
BVH	(80°-90°)	13.0	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
2.5°	121.5	121.5	121.5	121.5	119.2	119.2	116.9	116.9	114.6	114.6
5°	128.3	128.3	126.0	123.8	123.8	121.5	119.2	116.9	116.9	114.6
7.5°	139.8	137.5	135.2	132.9	128.3	126.0	121.5	119.2	116.9	112.3
10°	153.5	149.0	144.4	139.8	135.2	130.6	126.0	123.8	119.2	116.9
12.5°	171.9	165.0	155.8	149.0	144.4	137.5	132.9	128.3	121.5	116.9
15°	187.9	178.8	167.3	158.1	151.3	142.1	135.2	128.3	123.8	116.9
17.5°	210.8	194.8	176.5	165.0	155.8	144.4	132.9	126.0	119.2	110.0
20°	249.8	217.7	183.3	169.6	155.8	142.1	128.3	119.2	112.3	103.1
22.5°	311.7	256.7	201.7	181.1	162.7	142.1	123.8	114.6	105.4	96.3
25°	430.9	332.3	233.8	206.3	178.8	151.3	123.8	112.3	103.1	91.7
27.5°	572.9	426.3	277.3	238.3	201.7	162.7	123.8	110.0	98.5	84.8
30°	717.3	522.5	325.4	275.0	224.6	174.2	123.8	107.7	94.0	77.9
32.5°	854.8	611.9	366.7	307.1	247.5	185.6	126.0	107.7	89.4	71.0
35°	994.6	685.2	373.6	311.7	249.8	185.6	123.8	103.1	84.8	64.2
37.5°	1173.4	767.7	359.8	297.9	238.3	176.5	116.9	98.5	80.2	59.6
40°	1443.8	905.3	366.7	302.5	238.3	174.2	110.0	91.7	75.6	57.3
42.5°	1943.4	1171.1	396.5	323.1	249.8	174.2	100.8	84.8	71.0	55.0
45°	3359.7	1945.7	531.7	421.7	311.7	201.7	91.7	77.9	66.5	52.7
47.5°	5557.6	3256.6	955.7	738.0	522.5	304.8	89.4	77.9	66.5	52.7
50°	7093.1	4148.1	1203.2	925.9	648.6	371.3	94.0	80.2	68.8	55.0
52.5°	7081.6	4212.3	1340.7	1029.0	719.6	407.9	98.5	84.8	73.3	59.6
55°	6295.5	3831.9	1365.9	1049.6	735.7	419.4	105.4	91.7	77.9	64.2
57.5°	5261.9	3254.3	1246.7	964.8	685.2	403.4	121.5	105.4	91.7	75.6
60°	4161.9	2566.8	971.7	767.7	566.1	362.1	160.4	139.8	121.5	100.8
62.5°	2873.9	1860.9	848.0	680.7	515.7	348.4	183.3	162.7	144.4	123.8
65°	2032.8	1400.3	765.5	623.4	483.6	341.5	199.4	176.5	155.8	132.9
67.5°	1519.4	1113.8	705.9	584.4	462.9	341.5	220.0	192.5	167.3	139.8
70°	1164.2	914.4	662.3	563.8	467.5	369.0	270.4	231.5	194.8	155.8
72.5°	948.8	781.5	611.9	540.9	469.8	398.8	327.7	277.3	226.9	174.2
75°	786.1	669.2	552.3	492.7	435.4	375.9	316.3	270.4	226.9	181.1
77.5°	522.5	476.7	428.6	394.2	359.8	323.1	288.8	249.8	213.1	174.2
80°	183.3	176.5	169.6	183.3	197.1	210.8	224.6	197.1	171.9	144.4
82.5°	27.5	25.2	22.9	25.2	27.5	29.8	32.1	34.4	36.7	39.0
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):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
0.0	2.5°	112.3	112.3	110.0	110.0	110.0	107.7	107.7	105.4	105.4	105.4
0.0	5°	110.0	110.0	107.7	105.4	103.1	103.1	100.8	98.5	98.5	96.3
0.0	7.5°	107.7	105.4	103.1	100.8	98.5	96.3	94.0	91.7	91.7	89.4
0.0	10°	110.0	105.4	103.1	98.5	96.3	94.0	89.4	87.1	84.8	84.8
0.0	12.5°	105.4	103.1	98.5	94.0	91.7	87.1	84.8	80.2	77.9	77.9
0.0	15°	105.4	100.8	94.0	89.4	84.8	82.5	77.9	73.3	71.0	68.8
0.0	17.5°	98.5	94.0	87.1	82.5	77.9	73.3	68.8	64.2	61.9	59.6
0.0	20°	89.4	84.8	77.9	71.0	66.5	61.9	57.3	52.7	50.4	48.1
0.0	22.5°	80.2	75.6	68.8	61.9	57.3	52.7	45.8	41.3	39.0	34.4
0.0	25°	75.6	68.8	61.9	55.0	48.1	43.5	36.7	29.8	25.2	20.6
0.0	27.5°	64.2	57.3	50.4	43.5	36.7	29.8	22.9	16.0	11.5	9.2
0.0	30°	55.0	48.1	41.3	34.4	25.2	18.3	11.5	2.3	2.3	2.3
0.0	32.5°	45.8	39.0	29.8	22.9	18.3	11.5	6.9	0.0	0.0	0.0
0.0	35°	36.7	29.8	20.6	13.8	11.5	6.9	4.6	0.0	0.0	0.0
0.0	37.5°	32.1	25.2	16.0	6.9	4.6	4.6	2.3	0.0	0.0	0.0
0.0	40°	29.8	20.6	11.5	2.3	2.3	2.3	0.0	0.0	0.0	0.0
0.0	42.5°	29.8	20.6	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	29.8	20.6	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	29.8	20.6	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	32.1	22.9	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	36.7	27.5	18.3	9.2	6.9	4.6	2.3	0.0	0.0	0.0
0.0	55°	45.8	41.3	34.4	29.8	22.9	16.0	6.9	0.0	0.0	0.0
0.0	57.5°	59.6	59.6	57.3	55.0	41.3	27.5	13.8	0.0	0.0	0.0
0.0	60°	80.2	80.2	80.2	80.2	59.6	41.3	20.6	0.0	0.0	0.0
0.0	62.5°	98.5	94.0	87.1	82.5	61.9	41.3	20.6	0.0	0.0	0.0
0.0	65°	98.5	89.4	77.9	66.5	50.4	34.4	16.0	0.0	0.0	0.0
0.0	67.5°	91.7	73.3	52.7	34.4	25.2	18.3	9.2	0.0	0.0	0.0
	70°	91.7	64.2	36.7	9.2	6.9	4.6	2.3	0.0	0.0	0.0
	72.5°	91.7	61.9	29.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	100.8	68.8	34.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	100.8	68.8	34.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	89.4	59.6	29.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	29.8	20.6	9.2	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°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
0.0	2.5°	103.1	103.1	103.1	100.8	100.8	100.8	100.8	98.5	98.5	98.5
0.0	5°	94.0	94.0	91.7	91.7	89.4	89.4	87.1	87.1	84.8	84.8
0.0	7.5°	87.1	84.8	84.8	82.5	80.2	80.2	77.9	77.9	75.6	73.3
0.0	10°	80.2	77.9	77.9	75.6	73.3	71.0	71.0	68.8	66.5	64.2
0.0	12.5°	73.3	71.0	68.8	66.5	64.2	61.9	61.9	59.6	57.3	55.0
0.0	15°	64.2	61.9	59.6	57.3	55.0	52.7	52.7	50.4	48.1	45.8
0.0	17.5°	55.0	52.7	52.7	50.4	48.1	45.8	43.5	39.0	36.7	34.4
0.0	20°	41.3	39.0	36.7	34.4	32.1	27.5	25.2	20.6	16.0	13.8
0.0	22.5°	27.5	22.9	20.6	16.0	11.5	9.2	6.9	2.3	0.0	0.0
0.0	25°	9.2	6.9	4.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049127

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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049127

CATALOG NUMBER: GALN-SA7C-827-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
0.0	2.5°	96.3	96.3	96.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0
0.0	5°	82.5	82.5	82.5	80.2	80.2	77.9	77.9	77.9	75.6	75.6
0.0	7.5°	71.0	68.8	68.8	66.5	66.5	64.2	64.2	64.2	61.9	61.9
0.0	10°	59.6	57.3	57.3	55.0	55.0	52.7	52.7	50.4	50.4	48.1
0.0	12.5°	52.7	50.4	48.1	45.8	45.8	43.5	41.3	41.3	39.0	36.7
0.0	15°	41.3	39.0	36.7	34.4	32.1	29.8	27.5	27.5	25.2	22.9
0.0	17.5°	27.5	22.9	20.6	18.3	18.3	16.0	13.8	11.5	9.2	6.9
0.0	20°	6.9	4.6	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049127

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CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
0.0	2.5°	94.0	91.7	91.7	91.7	94.0	94.0	94.0	94.0	94.0	94.0
0.0	5°	75.6	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
0.0	7.5°	61.9	59.6	59.6	59.6	59.6	57.3	57.3	57.3	57.3	57.3
0.0	10°	48.1	45.8	45.8	45.8	45.8	43.5	43.5	43.5	43.5	43.5
0.0	12.5°	34.4	34.4	32.1	32.1	32.1	29.8	29.8	29.8	29.8	27.5
0.0	15°	20.6	18.3	16.0	16.0	16.0	13.8	13.8	13.8	13.8	11.5
0.0	17.5°	4.6	4.6	2.3	2.3	2.3	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
0.0	2.5°	96.3	96.3	98.5	98.5	100.8	105.4	107.7	110.0	114.6	119.2
0.0	5°	75.6	77.9	77.9	80.2	82.5	84.8	87.1	89.4	94.0	98.5
0.0	7.5°	59.6	59.6	61.9	61.9	64.2	68.8	71.0	73.3	77.9	84.8
0.0	10°	45.8	45.8	48.1	48.1	50.4	55.0	57.3	59.6	64.2	71.0
0.0	12.5°	29.8	32.1	32.1	34.4	36.7	41.3	43.5	45.8	50.4	55.0
0.0	15°	13.8	16.0	16.0	18.3	20.6	25.2	27.5	29.8	34.4	41.3
0.0	17.5°	2.3	2.3	4.6	4.6	6.9	9.2	11.5	13.8	20.6	25.2
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	9.2
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	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



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
0.0	2.5°	126.0	130.6	135.2	139.8	144.4	149.0	151.3	155.8	158.1	160.4
0.0	5°	107.7	112.3	119.2	123.8	128.3	132.9	137.5	139.8	142.1	144.4
0.0	7.5°	94.0	98.5	105.4	110.0	114.6	119.2	123.8	128.3	130.6	132.9
0.0	10°	80.2	87.1	91.7	98.5	103.1	107.7	112.3	116.9	121.5	123.8
0.0	12.5°	64.2	71.0	77.9	82.5	89.4	96.3	100.8	105.4	110.0	114.6
0.0	15°	50.4	57.3	64.2	68.8	75.6	82.5	89.4	94.0	98.5	103.1
0.0	17.5°	36.7	43.5	50.4	55.0	61.9	68.8	73.3	80.2	84.8	89.4
0.0	20°	18.3	25.2	32.1	39.0	45.8	52.7	57.3	64.2	68.8	73.3
0.0	22.5°	2.3	9.2	16.0	20.6	27.5	34.4	39.0	45.8	50.4	55.0
0.0	25°	0.0	2.3	6.9	9.2	11.5	16.0	20.6	25.2	29.8	34.4
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.3	4.6	9.2	13.8	18.3
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.3	4.6
	85°	0.0	0.0	0.0	0.0	0.0	4.6	6.9	11.5	13.8	16.0
	87.5°	0.0	2.3	4.6	6.9	9.2	13.8	18.3	22.9	25.2	27.5
	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: P1049127

CATALOG NUMBER: GALN-SA7C-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
132.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
2.3											
9.2											
20.6											
29.8											
0.0											
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REPORT NUMBER: P1049127

CATALOG NUMBER: GALN-SA7C-827-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
0.0	2.5°	162.7	162.7	162.7	162.7	160.4	160.4	160.4	158.1	158.1	155.8
0.0	5°	149.0	151.3	151.3	151.3	151.3	151.3	151.3	151.3	149.0	149.0
0.0	7.5°	137.5	139.8	142.1	142.1	144.4	144.4	144.4	142.1	142.1	139.8
0.0	10°	130.6	132.9	132.9	135.2	135.2	135.2	135.2	135.2	135.2	135.2
0.0	12.5°	121.5	123.8	126.0	126.0	128.3	128.3	128.3	128.3	126.0	126.0
0.0	15°	110.0	114.6	116.9	119.2	119.2	121.5	121.5	121.5	121.5	121.5
0.0	17.5°	100.8	105.4	107.7	110.0	110.0	112.3	112.3	114.6	114.6	114.6
0.0	20°	82.5	87.1	89.4	94.0	96.3	98.5	100.8	103.1	103.1	105.4
0.0	22.5°	64.2	68.8	71.0	75.6	77.9	80.2	82.5	84.8	87.1	89.4
0.0	25°	45.8	50.4	52.7	57.3	59.6	61.9	64.2	66.5	66.5	68.8
0.0	27.5°	25.2	29.8	34.4	36.7	41.3	43.5	45.8	48.1	50.4	52.7
0.0	30°	11.5	13.8	16.0	20.6	22.9	25.2	27.5	32.1	34.4	36.7
0.0	32.5°	0.0	0.0	2.3	6.9	9.2	11.5	13.8	16.0	16.0	18.3
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.3	4.6	6.9	9.2
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°	4.6	4.6	4.6	6.9	6.9	6.9	6.9	6.9	6.9	6.9
	82.5°	11.5	13.8	16.0	16.0	18.3	18.3	18.3	18.3	16.0	16.0
	85°	22.9	25.2	27.5	27.5	29.8	29.8	29.8	29.8	29.8	29.8
	87.5°	32.1	34.4	36.7	36.7	39.0	39.0	39.0	39.0	39.0	39.0
	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: P1049127

CATALOG NUMBER: GALN-SA7C-827-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
132.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
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6.9											
16.0											
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39.0											
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REPORT NUMBER: P1049127

CATALOG NUMBER: GALN-SA7C-827-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°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
0.0	2.5°	153.5	153.5	151.3	151.3	151.3	151.3	151.3	153.5	155.8	155.8
0.0	5°	146.7	146.7	144.4	144.4	144.4	146.7	146.7	149.0	151.3	153.5
0.0	7.5°	139.8	137.5	137.5	139.8	139.8	142.1	142.1	144.4	146.7	149.0
0.0	10°	135.2	132.9	132.9	132.9	135.2	135.2	137.5	139.8	142.1	144.4
0.0	12.5°	126.0	126.0	126.0	126.0	128.3	128.3	130.6	132.9	137.5	139.8
0.0	15°	121.5	119.2	119.2	119.2	119.2	121.5	121.5	126.0	130.6	132.9
0.0	17.5°	112.3	112.3	110.0	110.0	112.3	112.3	114.6	119.2	123.8	126.0
0.0	20°	103.1	100.8	98.5	98.5	100.8	100.8	103.1	107.7	112.3	114.6
0.0	22.5°	89.4	87.1	87.1	87.1	87.1	89.4	89.4	94.0	100.8	105.4
0.0	25°	71.0	73.3	73.3	75.6	75.6	77.9	80.2	84.8	91.7	96.3
0.0	27.5°	55.0	57.3	57.3	61.9	64.2	66.5	68.8	75.6	82.5	87.1
0.0	30°	41.3	43.5	45.8	48.1	52.7	57.3	61.9	68.8	75.6	80.2
0.0	32.5°	25.2	29.8	32.1	36.7	41.3	45.8	50.4	57.3	66.5	73.3
0.0	35°	18.3	20.6	25.2	27.5	32.1	36.7	41.3	50.4	57.3	66.5
0.0	37.5°	9.2	13.8	18.3	22.9	27.5	32.1	36.7	45.8	55.0	61.9
0.0	40°	6.9	11.5	13.8	18.3	25.2	29.8	34.4	43.5	52.7	61.9
0.0	42.5°	4.6	6.9	9.2	16.0	20.6	27.5	34.4	43.5	52.7	61.9
0.0	45°	4.6	4.6	6.9	13.8	20.6	29.8	36.7	45.8	52.7	61.9
0.0	47.5°	4.6	6.9	9.2	18.3	22.9	29.8	36.7	43.5	52.7	59.6
0.0	50°	6.9	9.2	11.5	20.6	25.2	32.1	36.7	45.8	52.7	61.9
0.0	52.5°	4.6	6.9	9.2	18.3	25.2	34.4	41.3	50.4	59.6	66.5
0.0	55°	2.3	2.3	2.3	13.8	27.5	39.0	52.7	59.6	68.8	75.6
0.0	57.5°	0.0	0.0	0.0	9.2	27.5	43.5	59.6	68.8	77.9	84.8
0.0	60°	0.0	0.0	0.0	9.2	22.9	36.7	50.4	68.8	89.4	107.7
0.0	62.5°	0.0	0.0	0.0	6.9	18.3	29.8	41.3	68.8	96.3	121.5
0.0	65°	0.0	0.0	0.0	6.9	18.3	27.5	39.0	68.8	96.3	126.0
0.0	67.5°	0.0	0.0	0.0	6.9	18.3	29.8	41.3	68.8	96.3	123.8
	70°	0.0	0.0	0.0	6.9	20.6	32.1	45.8	68.8	91.7	114.6
	72.5°	0.0	0.0	0.0	9.2	20.6	34.4	48.1	68.8	89.4	107.7
	75°	0.0	0.0	0.0	6.9	20.6	32.1	45.8	66.5	87.1	105.4
	77.5°	6.9	4.6	4.6	11.5	20.6	29.8	39.0	59.6	82.5	103.1
	80°	13.8	13.8	11.5	16.0	20.6	27.5	34.4	52.7	73.3	91.7
	82.5°	27.5	27.5	25.2	27.5	27.5	29.8	32.1	41.3	50.4	59.6
	85°	36.7	36.7	34.4	34.4	34.4	32.1	32.1	32.1	32.1	29.8
	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):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
132.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.3											
137.5											
128.3											
126.0											
123.8											
110.0											
68.8											
29.8											
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CATALOG NUMBER: GALN-SA7C-827-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
0.0	2.5°	160.4	162.7	162.7	165.0	167.3	169.6	169.6	171.9	171.9	171.9
0.0	5°	158.1	162.7	165.0	167.3	169.6	171.9	174.2	176.5	178.8	178.8
0.0	7.5°	155.8	158.1	162.7	165.0	169.6	171.9	176.5	178.8	181.1	183.3
0.0	10°	151.3	155.8	160.4	165.0	169.6	174.2	178.8	183.3	187.9	190.2
0.0	12.5°	146.7	153.5	158.1	162.7	169.6	176.5	181.1	187.9	192.5	197.1
0.0	15°	144.4	149.0	155.8	160.4	169.6	178.8	185.6	194.8	204.0	210.8
0.0	17.5°	137.5	146.7	153.5	160.4	169.6	181.1	190.2	199.4	213.1	226.9
0.0	20°	128.3	135.2	144.4	151.3	165.0	176.5	190.2	201.7	222.3	242.9
0.0	22.5°	119.2	128.3	135.2	144.4	160.4	174.2	190.2	204.0	238.3	270.4
0.0	25°	110.0	121.5	130.6	139.8	158.1	176.5	194.8	213.1	270.4	327.7
0.0	27.5°	105.4	114.6	126.0	135.2	158.1	183.3	206.3	229.2	320.8	410.2
0.0	30°	98.5	110.0	119.2	130.6	160.4	190.2	220.0	249.8	389.6	529.4
0.0	32.5°	91.7	103.1	114.6	126.0	165.0	204.0	240.6	279.6	462.9	644.0
0.0	35°	84.8	98.5	110.0	121.5	171.9	224.6	275.0	325.4	529.4	731.1
0.0	37.5°	82.5	96.3	107.7	119.2	174.2	226.9	281.9	334.6	536.3	738.0
0.0	40°	84.8	96.3	110.0	121.5	167.3	213.1	256.7	302.5	513.4	721.9
0.0	42.5°	84.8	98.5	112.3	126.0	162.7	199.4	236.1	272.7	506.5	740.2
0.0	45°	82.5	96.3	110.0	123.8	158.1	190.2	224.6	256.7	547.7	836.5
0.0	47.5°	80.2	94.0	107.7	121.5	155.8	190.2	224.6	259.0	708.2	1155.1
0.0	50°	80.2	94.0	105.4	116.9	158.1	201.7	242.9	284.2	1031.3	1776.1
0.0	52.5°	84.8	96.3	105.4	114.6	162.7	213.1	261.3	309.4	1310.9	2310.1
0.0	55°	91.7	98.5	107.7	114.6	174.2	231.5	291.1	348.4	1395.7	2443.0
0.0	57.5°	100.8	107.7	114.6	121.5	194.8	268.1	339.2	412.5	1402.6	2390.3
0.0	60°	112.3	121.5	128.3	135.2	213.1	293.3	371.3	449.2	1269.6	2087.8
0.0	62.5°	137.5	149.0	158.1	169.6	245.2	318.6	394.2	467.5	1054.2	1640.9
0.0	65°	158.1	167.3	176.5	185.6	259.0	334.6	407.9	481.3	893.8	1306.3
0.0	67.5°	162.7	171.9	178.8	187.9	263.6	339.2	412.5	488.1	765.5	1040.5
	70°	165.0	176.5	190.2	201.7	279.6	357.5	433.1	511.1	678.4	845.7
	72.5°	158.1	181.1	201.7	222.3	295.6	366.7	440.0	511.1	630.2	749.4
	75°	158.1	190.2	220.0	249.8	304.8	357.5	412.5	465.2	556.9	648.6
	77.5°	167.3	208.6	249.8	291.1	323.1	352.9	385.0	414.8	474.4	534.0
	80°	167.3	210.8	252.1	295.6	309.4	325.4	339.2	352.9	359.8	366.7
	82.5°	144.4	178.8	213.1	247.5	231.5	215.4	199.4	183.3	171.9	158.1
	85°	73.3	80.2	84.8	89.4	82.5	75.6	68.8	61.9	57.3	50.4
	87.5°	29.8	29.8	27.5	27.5	27.5	27.5	25.2	25.2	25.2	25.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CATALOG NUMBER: GALN-SA7C-827-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
132.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
194.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
204.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
222.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
245.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
281.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
359.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
488.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
678.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
919.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1148.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1304.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1420.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1537.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1767.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2225.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3391.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5195.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6540.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6689.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6036.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5161.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4033.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3048.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2250.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1592.8											
1184.8											
861.7											
648.6											
364.4											
165.0											
48.1											
22.9											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
0.0	2.5°	171.9	169.6	169.6	167.3	165.0	162.7	160.4	158.1	155.8	153.5
0.0	5°	178.8	178.8	178.8	176.5	176.5	174.2	174.2	171.9	169.6	167.3
0.0	7.5°	185.6	187.9	187.9	190.2	190.2	190.2	190.2	187.9	187.9	187.9
0.0	10°	197.1	199.4	201.7	204.0	206.3	208.6	208.6	210.8	210.8	210.8
0.0	12.5°	210.8	217.7	222.3	229.2	233.8	240.6	245.2	252.1	256.7	261.3
0.0	15°	231.5	242.9	256.7	268.1	279.6	295.6	314.0	330.0	346.1	371.3
0.0	17.5°	261.3	297.9	334.6	369.0	405.6	485.9	566.1	644.0	724.2	841.1
0.0	20°	318.6	428.6	536.3	646.3	754.0	1035.9	1315.5	1597.4	1877.0	2177.2
0.0	22.5°	446.9	717.3	987.8	1258.2	1528.6	2117.6	2704.3	3293.3	3880.0	4569.8
0.0	25°	648.6	1145.9	1643.2	2138.2	2635.5	3556.8	4480.4	5401.7	6323.0	7219.1
0.0	27.5°	944.2	1705.1	2466.0	3224.5	3985.4	5234.4	6485.7	7734.8	8983.8	9996.7
0.0	30°	1308.6	2339.9	3371.2	4402.5	5433.8	6854.7	8275.6	9694.2	11115.1	12222.1
0.0	32.5°	1652.4	2915.1	4177.9	5438.4	6701.2	8319.2	9939.4	11557.4	13175.4	14385.5
0.0	35°	1877.0	3403.3	4931.9	6458.2	7984.6	9735.5	11486.4	13235.0	14985.9	16367.9
0.0	37.5°	2101.6	3863.9	5624.0	7386.4	9146.5	11069.3	12992.1	14914.9	16837.7	18545.1
0.0	40°	2353.7	4420.8	6485.7	8552.9	10617.8	12895.8	15171.6	17449.6	19725.3	22134.0
0.0	42.5°	2791.4	5344.4	7899.8	10452.8	13005.8	16019.5	19033.2	22044.6	25058.3	28496.0
0.0	45°	3614.1	7212.2	10812.6	14410.7	18008.8	22001.1	25995.6	29987.9	33980.2	38554.6
0.0	47.5°	5628.6	10578.9	15526.8	20477.0	25425.0	29735.8	34044.4	38355.2	42663.8	47219.8
0.0	50°	8612.5	14374.0	20135.6	25894.8	31656.3	35556.9	39455.3	43355.9	47254.2	51587.9
0.0	52.5°	10771.4	16773.5	22778.0	28780.2	34782.3	38302.5	41825.0	45345.1	48865.3	52914.9
0.0	55°	10934.1	16901.9	22872.0	28839.7	34807.5	38343.7	41880.0	45416.2	48952.4	53244.9
0.0	57.5°	9680.5	15600.1	21517.5	27437.2	33354.5	37381.2	41405.6	45432.2	49456.6	54097.4
0.0	60°	8234.4	14156.3	20076.0	25997.9	31917.6	36556.2	41197.0	45835.6	50474.1	54821.6
0.0	62.5°	6423.9	12515.4	18609.2	24700.8	30792.3	35501.9	40211.5	44918.9	49628.5	52889.7
0.0	65°	4787.5	10702.6	16617.7	22530.5	28445.6	32217.8	35990.1	39760.1	43532.3	45551.4
0.0	67.5°	3460.6	8562.1	13661.3	18762.8	23862.0	26561.7	29261.4	31958.9	34658.6	36203.2
	70°	2339.9	5873.8	9405.5	12939.4	16471.0	18689.5	20910.2	23128.6	25347.1	27432.6
	72.5°	1620.3	3605.0	5591.9	7576.6	9561.3	11793.5	14023.4	16255.6	18485.5	20692.5
	75°	1074.8	1977.8	2883.1	3786.0	4689.0	6341.4	7996.0	9648.4	11300.8	12616.2
	77.5°	763.2	1033.6	1306.3	1576.7	1847.2	2156.6	2468.2	2777.6	3087.0	3556.8
	80°	362.1	396.5	430.9	462.9	497.3	609.6	721.9	834.2	946.5	1065.7
	82.5°	171.9	185.6	199.4	210.8	224.6	236.1	247.5	259.0	270.4	259.0
	85°	45.8	45.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	45.8
	87.5°	20.6	20.6	20.6	20.6	20.6	20.6	20.6	18.3	18.3	16.0
	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):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
132.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
213.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
263.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
398.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
955.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2479.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5259.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8115.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11009.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13331.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15597.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17749.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20254.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24542.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31933.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43129.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51775.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55921.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56964.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57539.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58738.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59166.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56153.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47572.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37750.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29515.8											
22899.5											
13931.7											
4026.7											
1184.8											
245.2											
43.5											
16.0											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
0.0	2.5°	149.0	146.7	144.4	142.1	139.8	135.2	135.2	132.9	132.9
0.0	5°	162.7	160.4	158.1	155.8	155.8	153.5	151.3	151.3	149.0
0.0	7.5°	185.6	183.3	181.1	178.8	178.8	176.5	176.5	174.2	174.2
0.0	10°	213.1	213.1	213.1	213.1	213.1	210.8	210.8	210.8	208.6
0.0	12.5°	268.1	270.4	275.0	279.6	286.5	286.5	286.5	284.2	284.2
0.0	15°	424.0	449.2	467.5	485.9	501.9	538.6	534.0	527.1	522.5
0.0	17.5°	1072.6	1187.1	1249.0	1308.6	1370.5	1540.1	1512.6	1485.1	1459.9
0.0	20°	2779.9	3080.2	3279.5	3478.9	3680.6	3999.2	3921.2	3843.3	3765.4
0.0	22.5°	5947.2	6637.0	6937.2	7237.4	7535.4	7920.4	7670.6	7420.8	7173.3
0.0	25°	9009.0	9905.1	10411.6	10918.0	11422.2	11642.2	11316.8	10989.1	10663.6
0.0	27.5°	12022.7	13035.6	13482.5	13927.1	14374.0	14834.7	14431.3	14025.7	13622.3
0.0	30°	14438.2	15545.1	16028.7	16510.0	16993.5	17314.4	16897.3	16477.9	16060.8
0.0	32.5°	16807.9	18018.0	18547.4	19076.8	19603.9	20064.5	19551.2	19035.5	18522.2
0.0	35°	19129.5	20511.4	21240.2	21969.0	22697.8	23126.3	22516.7	21904.8	21295.2
0.0	37.5°	21962.1	23669.5	24485.4	25301.2	26117.1	26898.6	26227.1	25553.3	24881.8
0.0	40°	26951.3	29360.0	30611.3	31864.9	33116.2	34124.6	33276.6	32428.7	31580.7
0.0	42.5°	35371.3	38809.0	40608.0	42404.8	44203.8	45778.3	44886.8	43995.3	43103.8
0.0	45°	47703.4	52277.8	54471.0	56661.9	58855.2	60005.6	58722.2	57436.6	56153.2
0.0	47.5°	56329.6	60885.7	62838.3	64790.9	66743.5	68056.7	66486.8	64916.9	63349.3
0.0	50°	60253.2	64586.9	66546.4	68503.6	70463.0	71505.8	69693.0	67877.9	66065.1
0.0	52.5°	61011.7	65061.3	67398.9	69738.8	72076.4	73469.8	71329.3	69186.5	67046.0
0.0	55°	61832.2	66124.7	68835.9	71549.3	74260.5	76190.2	73770.1	71347.7	68927.5
0.0	57.5°	63376.8	68017.7	70722.0	73424.0	76128.3	77766.9	75339.9	72910.6	70483.7
0.0	60°	63514.4	67859.6	70183.4	72509.6	74833.5	75864.8	73543.2	71219.3	68897.7
0.0	62.5°	59414.4	62675.6	64289.0	65902.4	67515.8	68636.5	66214.1	63789.4	61367.0
0.0	65°	49591.8	51610.9	52896.5	54182.2	55467.9	56804.0	54585.6	52367.1	50148.7
0.0	67.5°	39294.8	40839.5	42533.1	44226.7	45920.4	47348.1	45572.0	43793.6	42017.5
	70°	31601.3	33684.6	35589.0	37493.5	39398.0	40566.8	38783.8	36998.5	35215.5
	72.5°	25106.4	27313.4	28903.9	30492.1	32082.6	32369.1	31058.2	29747.3	28438.7
	75°	15244.9	16560.4	16592.5	16622.3	16654.4	16927.1	15840.8	14754.5	13670.5
	77.5°	4496.5	4966.3	5353.6	5738.6	6125.9	6593.4	6194.7	5793.6	5394.8
	80°	1301.7	1420.9	1521.7	1620.3	1721.1	1661.5	1567.6	1473.6	1379.7
	82.5°	233.8	220.0	217.7	215.4	215.4	204.0	185.6	167.3	149.0
	85°	41.3	39.0	36.7	34.4	32.1	29.8	25.2	22.9	18.3
	87.5°	13.8	11.5	9.2	6.9	6.9	2.3	2.3	2.3	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049127

CATALOG NUMBER: GALN-SA7C-827-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°	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9	132.9
0.0	0.0	2.5°	130.6	128.3	128.3	128.3	128.3	126.0	126.0	126.0	126.0
0.0	0.0	5°	144.4	144.4	142.1	142.1	139.8	139.8	137.5	137.5	135.2
0.0	0.0	7.5°	169.6	167.3	165.0	162.7	160.4	155.8	153.5	151.3	151.3
0.0	0.0	10°	204.0	199.4	197.1	192.5	190.2	185.6	181.1	176.5	171.9
0.0	0.0	12.5°	268.1	259.0	252.1	242.9	233.8	226.9	217.7	210.8	201.7
0.0	0.0	15°	465.2	442.3	417.1	387.3	355.2	325.4	293.3	275.0	254.4
0.0	0.0	17.5°	1189.4	1070.3	948.8	850.2	751.7	655.4	556.9	485.9	414.8
0.0	0.0	20°	3027.4	2697.4	2367.4	2042.0	1714.3	1388.8	1061.1	896.1	731.1
0.0	0.0	22.5°	5697.4	5085.5	4471.3	3877.7	3281.8	2688.3	2094.7	1721.1	1349.9
0.0	0.0	25°	8793.6	8023.5	7253.5	6277.2	5298.6	4322.3	3346.0	2738.7	2131.4
0.0	0.0	27.5°	11442.9	10555.9	9669.0	8481.9	7294.7	6107.6	4920.4	4015.2	3112.2
0.0	0.0	30°	13736.9	12783.5	11830.2	10448.2	9066.3	7684.3	6302.4	5170.3	4038.1
0.0	0.0	32.5°	15726.2	14584.9	13443.6	12018.1	10592.6	9167.1	7741.6	6352.8	4964.0
0.0	0.0	35°	18020.3	16688.7	15354.9	13773.6	12190.0	10608.6	9027.3	7459.7	5889.9
0.0	0.0	37.5°	20935.4	19301.4	17665.0	15902.7	14140.3	12380.2	10617.8	8825.6	7033.5
0.0	0.0	40°	26515.9	24407.4	22299.0	20059.9	17818.6	15579.5	13340.4	11140.3	8940.2
0.0	0.0	42.5°	36514.9	33666.2	30817.5	27838.2	24856.6	21877.3	18895.7	15792.6	12687.3
0.0	0.0	45°	47799.6	44265.7	40729.5	37385.8	34039.8	30696.1	27352.4	23094.3	18836.1
0.0	0.0	47.5°	54145.6	50329.8	46513.9	43349.0	40184.0	37019.1	33854.2	29263.7	24673.3
0.0	0.0	50°	56480.9	52596.3	48711.8	45798.9	42883.8	39970.9	37055.8	32458.5	27858.9
0.0	0.0	52.5°	56978.2	53015.7	49053.2	46122.0	43190.9	40262.0	37330.8	32763.3	28195.8
0.0	0.0	55°	58000.3	53749.1	49495.5	46154.1	42812.7	39471.3	36129.9	31489.0	26848.2
0.0	0.0	57.5°	59336.4	54977.5	50618.5	46811.9	43005.2	39200.9	35394.2	30320.2	25246.2
0.0	0.0	60°	58985.8	55192.9	51397.7	47320.6	43241.3	39164.2	35084.8	29504.4	23921.6
0.0	0.0	62.5°	52898.8	49878.3	46855.4	43502.5	40147.4	36794.5	33441.6	27696.1	21950.7
0.0	0.0	65°	43518.6	41313.9	39109.2	36411.8	33712.1	31014.6	28317.2	23165.3	18015.7
0.0	0.0	67.5°	35270.5	32786.2	30299.6	28149.9	25997.9	23848.2	21696.3	17642.1	13588.0
		70°	28021.6	25319.6	22615.3	20516.0	18414.4	16315.2	14215.9	11520.8	8827.9
		72.5°	22253.2	19817.0	17380.8	15141.8	12900.4	10661.4	8420.0	6827.2	5234.4
		75°	10636.1	9662.1	8688.1	7517.0	6345.9	5174.8	4003.7	3309.3	2617.2
		77.5°	3941.9	3417.0	2889.9	2413.2	1936.6	1462.2	985.5	903.0	820.5
		80°	1019.8	889.2	756.3	662.3	566.1	472.1	378.1	341.5	307.1
		82.5°	116.9	107.7	100.8	96.3	89.4	84.8	77.9	71.0	64.2
		85°	6.9	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA7C-827-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049127

CATALOG NUMBER: GALN-SA7C-827-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	132.9	132.9
0.0	0.0	2.5°	123.8	121.5
0.0	0.0	5°	130.6	128.3
0.0	0.0	7.5°	144.4	139.8
0.0	0.0	10°	158.1	153.5
0.0	0.0	12.5°	178.8	171.9
0.0	0.0	15°	201.7	187.9
0.0	0.0	17.5°	240.6	210.8
0.0	0.0	20°	325.4	249.8
0.0	0.0	22.5°	458.4	311.7
0.0	0.0	25°	673.8	430.9
0.0	0.0	27.5°	937.3	572.9
0.0	0.0	30°	1246.7	717.3
0.0	0.0	32.5°	1519.4	854.8
0.0	0.0	35°	1874.7	994.6
0.0	0.0	37.5°	2312.4	1173.4
0.0	0.0	40°	2990.8	1443.8
0.0	0.0	42.5°	4212.3	1943.4
0.0	0.0	45°	6841.0	3359.7
0.0	0.0	47.5°	10526.1	5557.6
0.0	0.0	50°	12877.5	7093.1
0.0	0.0	52.5°	13070.0	7081.6
0.0	0.0	55°	11931.0	6295.5
0.0	0.0	57.5°	10180.1	5261.9
0.0	0.0	60°	8461.2	4161.9
0.0	0.0	62.5°	6666.8	2873.9
0.0	0.0	65°	4872.3	2032.8
0.0	0.0	67.5°	3499.5	1519.4
		70°	2300.9	1164.2
		72.5°	1498.8	948.8
		75°	1008.4	786.1
		77.5°	589.0	522.5
		80°	208.6	183.3
		82.5°	39.0	27.5
		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: P1049127

CATALOG NUMBER: GALN-SA7C-827-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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

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: SP1-2407-184-8

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: SP1-2407-184-8

Photopic Flux vs. Wavelength



Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength



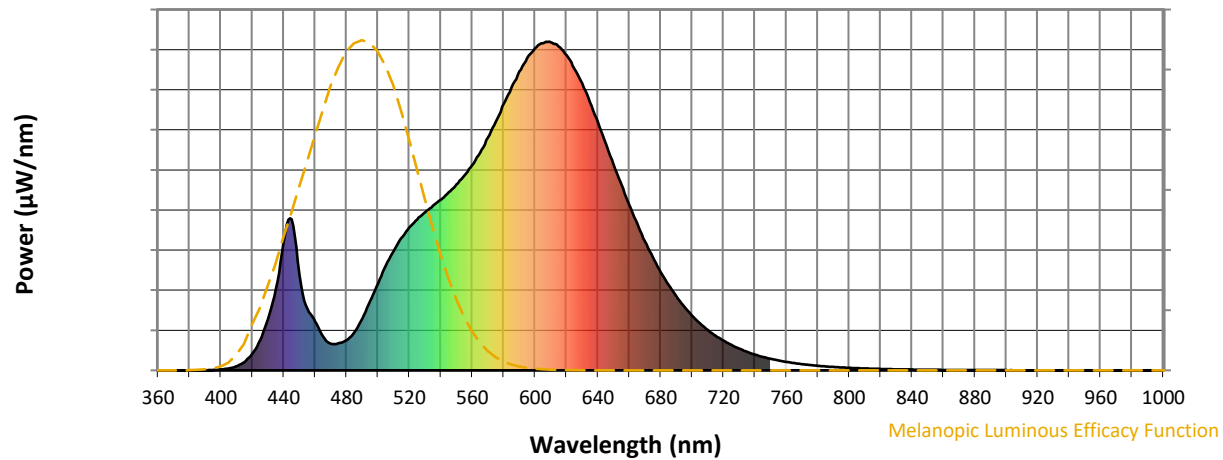
Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.16

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

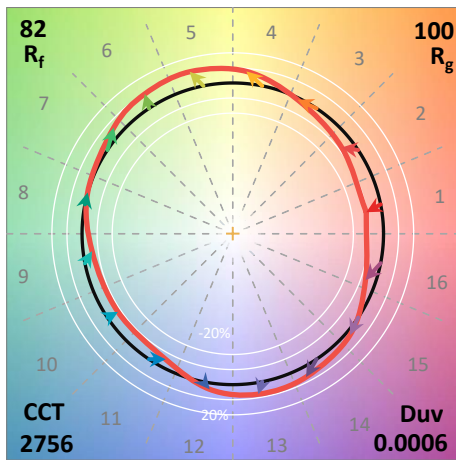
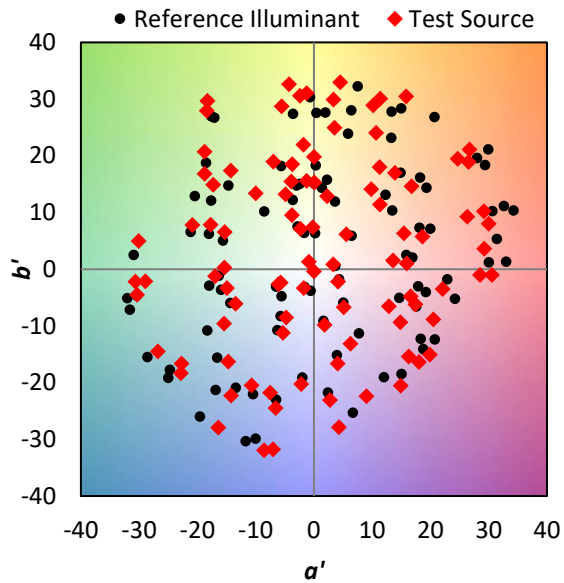
TM-30-18

Summary

$R_f = 82.2$
 $R_g = 99.9$
 $CIE R_a = 82.9$
 $R_9 = 10.8$



Color Vector Graphics



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

CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)