

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: P1049055

Luminaire Tested: **GALN-SA7C-750-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049055
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7C-750-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 7xLight Square PACKAGE
70CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (98) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35421.4 lumens
Efficiency: N/A
Efficacy: 107.3 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

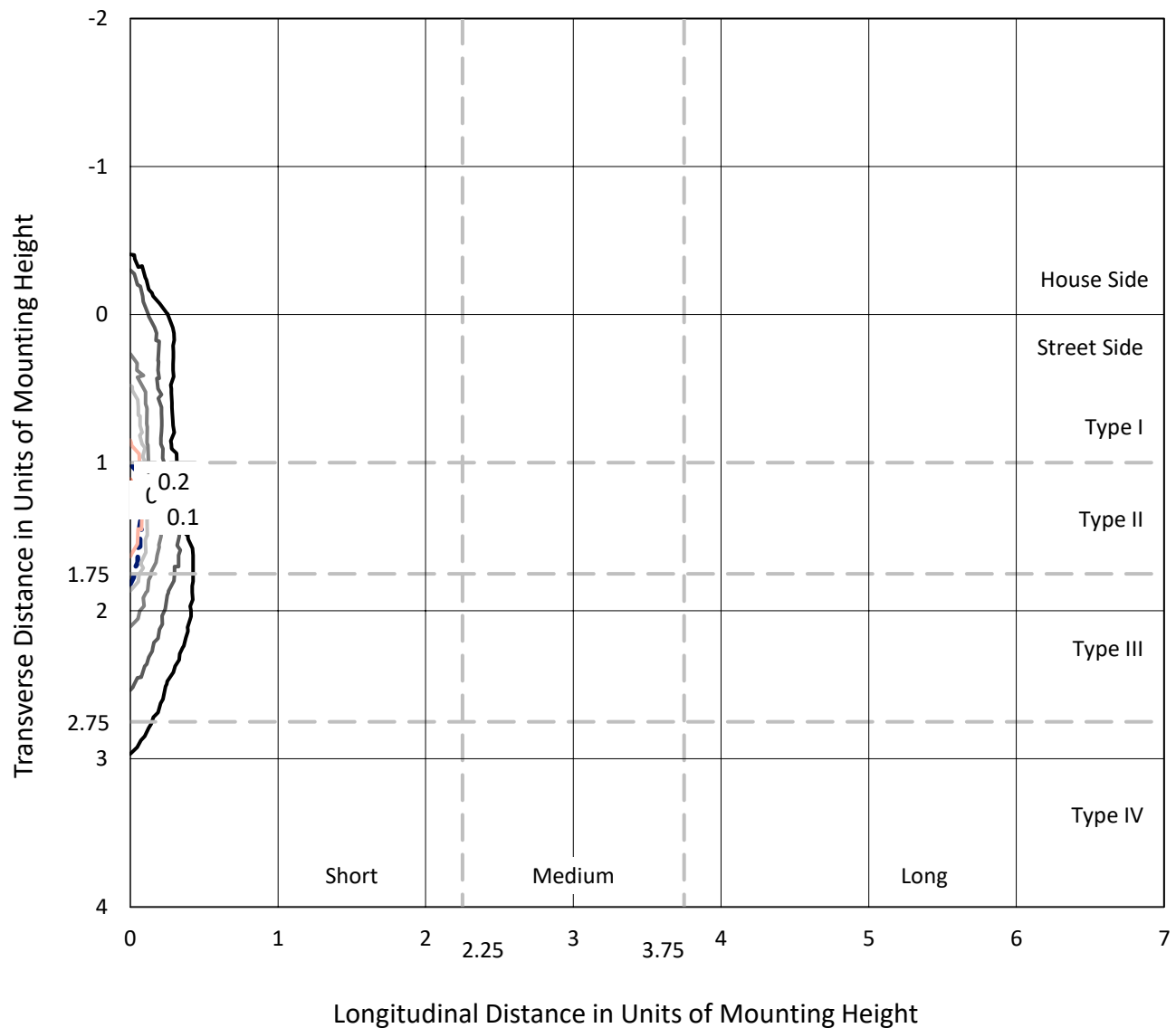
Input Watts (W): 330
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

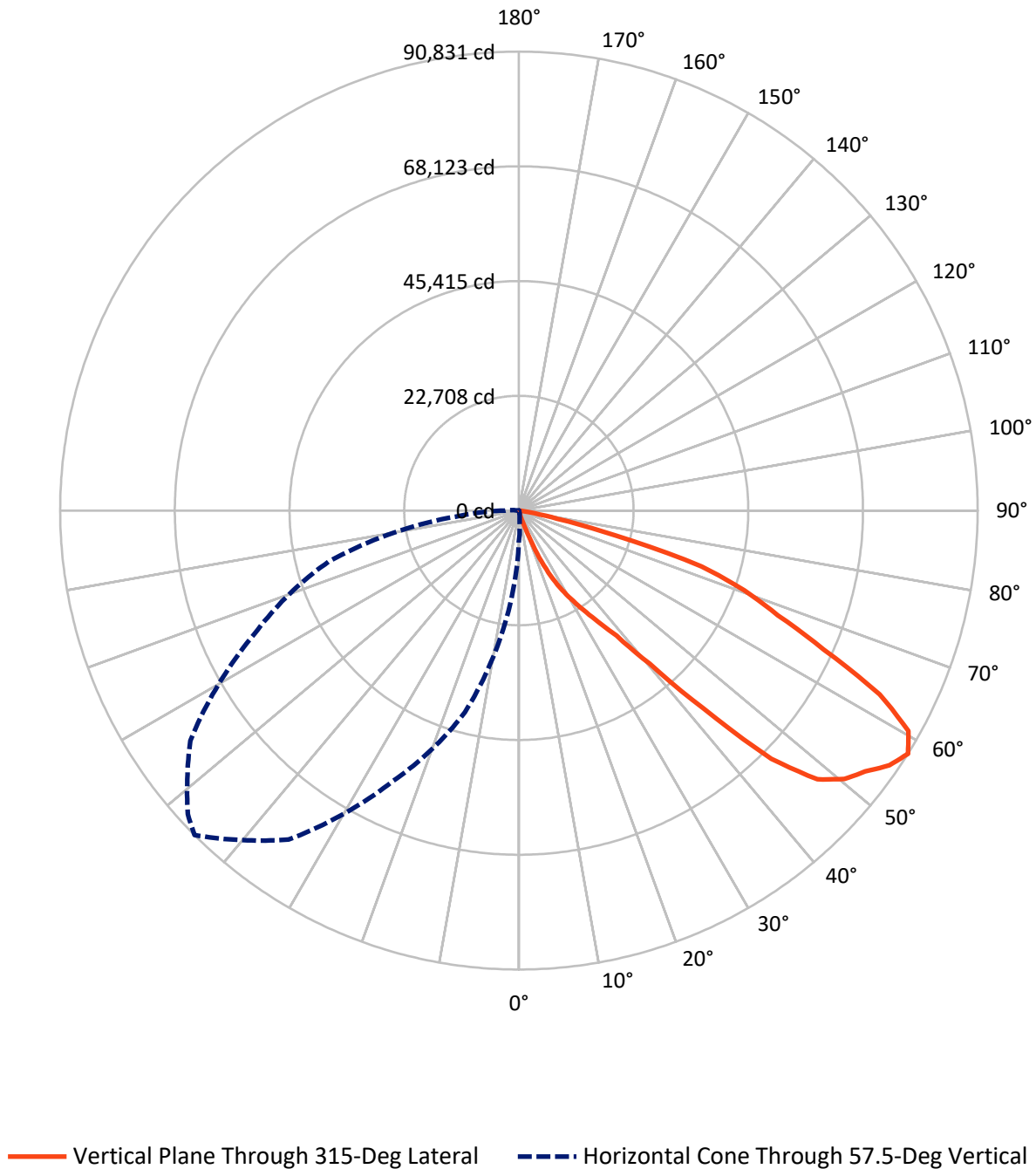
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5.2 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	177.4	0.0	177.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	35244.0	0.0	35244.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	35421.4	0.0	35421.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.9	0.0
10°-20°	77.8	0.2
20°-30°	839.4	2.4
30°-40°	2482.4	7.0
40°-50°	7398.1	20.9
50°-60°	11730.7	33.1
60°-70°	9792.3	27.6
70°-80°	3019.6	8.5
80°-90°	67.1	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°	35421.4	100.0
0°-180°	35421.4	100.0

Coefficient of Utilization



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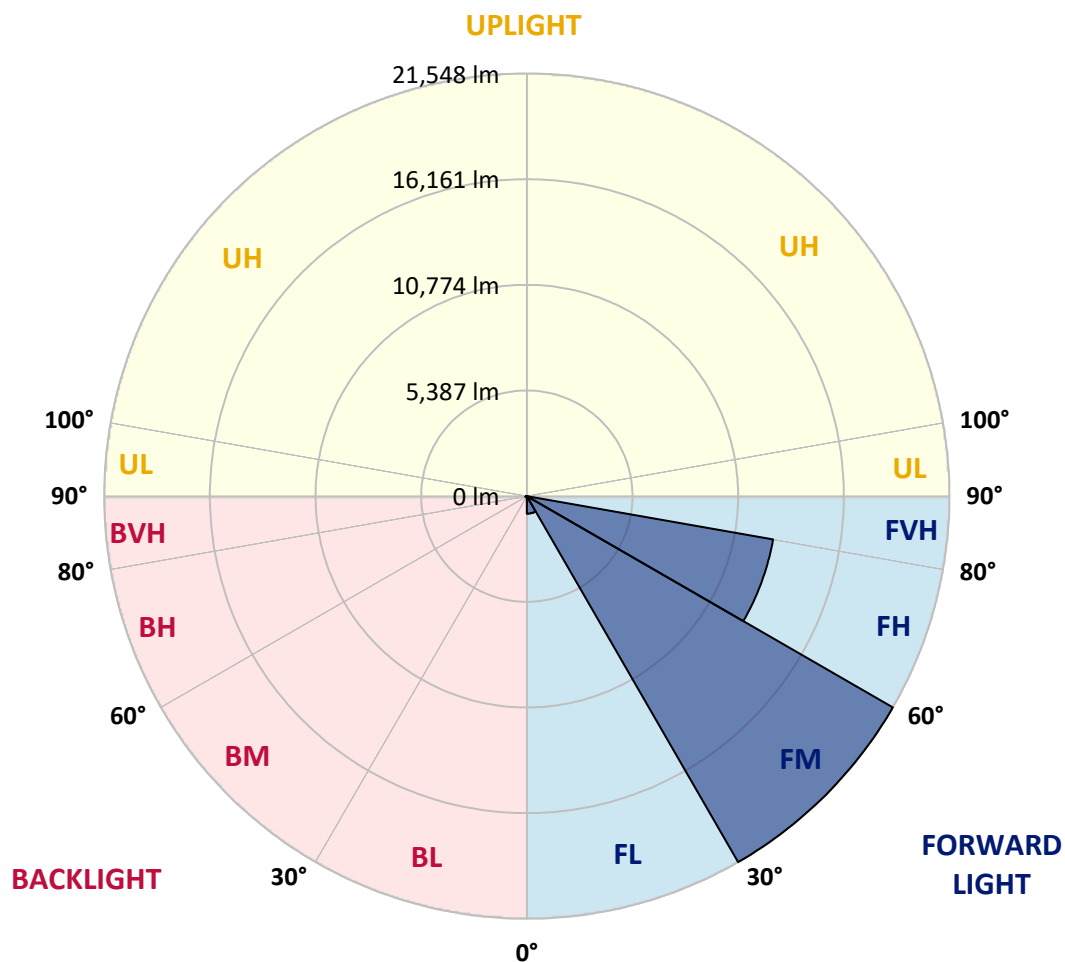
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	898.6	2.5			
FM	(30°-60°)	21547.8	60.8			
FH	(60°-80°)	12745.7	36.0			G5
FVH	(80°-90°)	51.9	0.1			G1/100
BL	(0°-30°)	32.6	0.1	B0/110		
BM	(30°-60°)	63.4	0.2	B0/220		
BH	(60°-80°)	66.2	0.2	B0/110		G0/110
BVH	(80°-90°)	15.2	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°	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3
2.5°	141.9	141.9	141.9	141.9	139.2	139.2	136.5	136.5	133.8	133.8
5°	149.9	149.9	147.2	144.5	144.5	141.9	139.2	136.5	136.5	133.8
7.5°	163.3	160.6	157.9	155.3	149.9	147.2	141.9	139.2	136.5	131.2
10°	179.3	174.0	168.6	163.3	157.9	152.6	147.2	144.5	139.2	136.5
12.5°	200.8	192.7	182.0	174.0	168.6	160.6	155.3	149.9	141.9	136.5
15°	219.5	208.8	195.4	184.7	176.7	166.0	157.9	149.9	144.5	136.5
17.5°	246.3	227.5	206.1	192.7	182.0	168.6	155.3	147.2	139.2	128.5
20°	291.8	254.3	214.1	198.1	182.0	166.0	149.9	139.2	131.2	120.5
22.5°	364.0	299.8	235.6	211.5	190.1	166.0	144.5	133.8	123.1	112.4
25°	503.2	388.1	273.0	240.9	208.8	176.7	144.5	131.2	120.5	107.1
27.5°	669.2	497.9	323.9	278.4	235.6	190.1	144.5	128.5	115.1	99.0
30°	837.8	610.3	380.1	321.2	262.3	203.4	144.5	125.8	109.7	91.0
32.5°	998.4	714.7	428.3	358.7	289.1	216.8	147.2	125.8	104.4	83.0
35°	1161.7	800.4	436.3	364.0	291.8	216.8	144.5	120.5	99.0	74.9
37.5°	1370.5	896.7	420.3	348.0	278.4	206.1	136.5	115.1	93.7	69.6
40°	1686.4	1057.3	428.3	353.3	278.4	203.4	128.5	107.1	88.3	66.9
42.5°	2269.9	1367.8	463.1	377.4	291.8	203.4	117.8	99.0	83.0	64.2
45°	3924.1	2272.6	621.0	492.5	364.0	235.6	107.1	91.0	77.6	61.6
47.5°	6491.1	3803.7	1116.2	861.9	610.3	356.0	104.4	91.0	77.6	61.6
50°	8284.6	4844.9	1405.3	1081.4	757.5	433.6	109.7	93.7	80.3	64.2
52.5°	8271.2	4919.9	1565.9	1201.9	840.5	476.5	115.1	99.0	85.7	69.6
55°	7353.1	4475.5	1595.3	1226.0	859.2	489.8	123.1	107.1	91.0	74.9
57.5°	6145.8	3801.0	1456.2	1126.9	800.4	471.1	141.9	123.1	107.1	88.3
60°	4861.0	2998.0	1134.9	896.7	661.2	422.9	187.4	163.3	141.9	117.8
62.5°	3356.7	2173.5	990.4	795.0	602.3	406.9	214.1	190.1	168.6	144.5
65°	2374.3	1635.5	894.0	728.1	564.8	398.8	232.9	206.1	182.0	155.3
67.5°	1774.7	1300.9	824.4	682.6	540.7	398.8	257.0	224.8	195.4	163.3
70°	1359.8	1068.0	773.6	658.5	546.1	431.0	315.9	270.4	227.5	182.0
72.5°	1108.2	912.8	714.7	631.7	548.7	465.8	382.8	323.9	265.0	203.4
75°	918.1	781.6	645.1	575.5	508.6	439.0	369.4	315.9	265.0	211.5
77.5°	610.3	556.8	500.6	460.4	420.3	377.4	337.3	291.8	248.9	203.4
80°	214.1	206.1	198.1	214.1	230.2	246.3	262.3	230.2	200.8	168.6
82.5°	32.1	29.4	26.8	29.4	32.1	34.8	37.5	40.2	42.8	45.5
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA7C-750-U-RBC

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°	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3
0.0	2.5°	131.2	131.2	128.5	128.5	128.5	125.8	125.8	123.1	123.1	123.1
0.0	5°	128.5	128.5	125.8	123.1	120.5	120.5	117.8	115.1	115.1	112.4
0.0	7.5°	125.8	123.1	120.5	117.8	115.1	112.4	109.7	107.1	107.1	104.4
0.0	10°	128.5	123.1	120.5	115.1	112.4	109.7	104.4	101.7	99.0	99.0
0.0	12.5°	123.1	120.5	115.1	109.7	107.1	101.7	99.0	93.7	91.0	91.0
0.0	15°	123.1	117.8	109.7	104.4	99.0	96.4	91.0	85.7	83.0	80.3
0.0	17.5°	115.1	109.7	101.7	96.4	91.0	85.7	80.3	74.9	72.3	69.6
0.0	20°	104.4	99.0	91.0	83.0	77.6	72.3	66.9	61.6	58.9	56.2
0.0	22.5°	93.7	88.3	80.3	72.3	66.9	61.6	53.5	48.2	45.5	40.2
0.0	25°	88.3	80.3	72.3	64.2	56.2	50.9	42.8	34.8	29.4	24.1
0.0	27.5°	74.9	66.9	58.9	50.9	42.8	34.8	26.8	18.7	13.4	10.7
0.0	30°	64.2	56.2	48.2	40.2	29.4	21.4	13.4	2.7	2.7	2.7
0.0	32.5°	53.5	45.5	34.8	26.8	21.4	13.4	8.0	0.0	0.0	0.0
0.0	35°	42.8	34.8	24.1	16.1	13.4	8.0	5.4	0.0	0.0	0.0
0.0	37.5°	37.5	29.4	18.7	8.0	5.4	5.4	2.7	0.0	0.0	0.0
0.0	40°	34.8	24.1	13.4	2.7	2.7	2.7	0.0	0.0	0.0	0.0
0.0	42.5°	34.8	24.1	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	34.8	24.1	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	34.8	24.1	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	37.5	26.8	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	42.8	32.1	21.4	10.7	8.0	5.4	2.7	0.0	0.0	0.0
0.0	55°	53.5	48.2	40.2	34.8	26.8	18.7	8.0	0.0	0.0	0.0
0.0	57.5°	69.6	69.6	66.9	64.2	48.2	32.1	16.1	0.0	0.0	0.0
0.0	60°	93.7	93.7	93.7	93.7	69.6	48.2	24.1	0.0	0.0	0.0
0.0	62.5°	115.1	109.7	101.7	96.4	72.3	48.2	24.1	0.0	0.0	0.0
0.0	65°	115.1	104.4	91.0	77.6	58.9	40.2	18.7	0.0	0.0	0.0
0.0	67.5°	107.1	85.7	61.6	40.2	29.4	21.4	10.7	0.0	0.0	0.0
	70°	107.1	74.9	42.8	10.7	8.0	5.4	2.7	0.0	0.0	0.0
	72.5°	107.1	72.3	34.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	117.8	80.3	40.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	117.8	80.3	40.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	104.4	69.6	34.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	34.8	24.1	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3
0.0	2.5°	120.5	120.5	120.5	117.8	117.8	117.8	117.8	115.1	115.1	115.1
0.0	5°	109.7	109.7	107.1	107.1	104.4	104.4	101.7	101.7	99.0	99.0
0.0	7.5°	101.7	99.0	99.0	96.4	93.7	93.7	91.0	91.0	88.3	85.7
0.0	10°	93.7	91.0	91.0	88.3	85.7	83.0	83.0	80.3	77.6	74.9
0.0	12.5°	85.7	83.0	80.3	77.6	74.9	72.3	72.3	69.6	66.9	64.2
0.0	15°	74.9	72.3	69.6	66.9	64.2	61.6	61.6	58.9	56.2	53.5
0.0	17.5°	64.2	61.6	61.6	58.9	56.2	53.5	50.9	45.5	42.8	40.2
0.0	20°	48.2	45.5	42.8	40.2	37.5	32.1	29.4	24.1	18.7	16.1
0.0	22.5°	32.1	26.8	24.1	18.7	13.4	10.7	8.0	2.7	0.0	0.0
0.0	25°	10.7	8.0	5.4	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: P1049055

CATALOG NUMBER: GALN-SA7C-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049055

CATALOG NUMBER: GALN-SA7C-750-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3
0.0	2.5°	112.4	112.4	112.4	109.7	109.7	109.7	109.7	109.7	109.7	109.7
0.0	5°	96.4	96.4	96.4	93.7	93.7	91.0	91.0	91.0	88.3	88.3
0.0	7.5°	83.0	80.3	80.3	77.6	77.6	74.9	74.9	74.9	72.3	72.3
0.0	10°	69.6	66.9	66.9	64.2	64.2	61.6	61.6	58.9	58.9	56.2
0.0	12.5°	61.6	58.9	56.2	53.5	53.5	50.9	48.2	48.2	45.5	42.8
0.0	15°	48.2	45.5	42.8	40.2	37.5	34.8	32.1	32.1	29.4	26.8
0.0	17.5°	32.1	26.8	24.1	21.4	21.4	18.7	16.1	13.4	10.7	8.0
0.0	20°	8.0	5.4	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
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):

[illegible]

REPORT NUMBER: P1049055

CATALOG NUMBER: GALN-SA7C-750-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°	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3
0.0	2.5°	109.7	107.1	107.1	107.1	109.7	109.7	109.7	109.7	109.7	109.7
0.0	5°	88.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
0.0	7.5°	72.3	69.6	69.6	69.6	69.6	66.9	66.9	66.9	66.9	66.9
0.0	10°	56.2	53.5	53.5	53.5	53.5	50.9	50.9	50.9	50.9	50.9
0.0	12.5°	40.2	40.2	37.5	37.5	37.5	34.8	34.8	34.8	34.8	32.1
0.0	15°	24.1	21.4	18.7	18.7	18.7	16.1	16.1	16.1	16.1	13.4
0.0	17.5°	5.4	5.4	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
	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):

[illegible]

REPORT NUMBER: P1049055

CATALOG NUMBER: GALN-SA7C-750-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3
0.0	2.5°	112.4	112.4	115.1	115.1	117.8	123.1	125.8	128.5	133.8	139.2
0.0	5°	88.3	91.0	91.0	93.7	96.4	99.0	101.7	104.4	109.7	115.1
0.0	7.5°	69.6	69.6	72.3	72.3	74.9	80.3	83.0	85.7	91.0	99.0
0.0	10°	53.5	53.5	56.2	56.2	58.9	64.2	66.9	69.6	74.9	83.0
0.0	12.5°	34.8	37.5	37.5	40.2	42.8	48.2	50.9	53.5	58.9	64.2
0.0	15°	16.1	18.7	18.7	21.4	24.1	29.4	32.1	34.8	40.2	48.2
0.0	17.5°	2.7	2.7	5.4	5.4	8.0	10.7	13.4	16.1	24.1	29.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	10.7
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-SA7C-750-U-RBC

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CATALOG NUMBER: GALN-SA7C-750-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°	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3
0.0	2.5°	147.2	152.6	157.9	163.3	168.6	174.0	176.7	182.0	184.7	187.4
0.0	5°	125.8	131.2	139.2	144.5	149.9	155.3	160.6	163.3	166.0	168.6
0.0	7.5°	109.7	115.1	123.1	128.5	133.8	139.2	144.5	149.9	152.6	155.3
0.0	10°	93.7	101.7	107.1	115.1	120.5	125.8	131.2	136.5	141.9	144.5
0.0	12.5°	74.9	83.0	91.0	96.4	104.4	112.4	117.8	123.1	128.5	133.8
0.0	15°	58.9	66.9	74.9	80.3	88.3	96.4	104.4	109.7	115.1	120.5
0.0	17.5°	42.8	50.9	58.9	64.2	72.3	80.3	85.7	93.7	99.0	104.4
0.0	20°	21.4	29.4	37.5	45.5	53.5	61.6	66.9	74.9	80.3	85.7
0.0	22.5°	2.7	10.7	18.7	24.1	32.1	40.2	45.5	53.5	58.9	64.2
0.0	25°	0.0	2.7	8.0	10.7	13.4	18.7	24.1	29.4	34.8	40.2
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.7	5.4	10.7	16.1	21.4
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	2.7	5.4
	85°	0.0	0.0	0.0	0.0	0.0	5.4	8.0	13.4	16.1	18.7
	87.5°	0.0	2.7	5.4	8.0	10.7	16.1	21.4	26.8	29.4	32.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049055

CATALOG NUMBER: GALN-SA7C-750-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
155.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
187.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.0	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											
10.7											
24.1											
34.8											
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REPORT NUMBER: P1049055

CATALOG NUMBER: GALN-SA7C-750-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3
0.0	2.5°	190.1	190.1	190.1	190.1	187.4	187.4	187.4	184.7	184.7	182.0
0.0	5°	174.0	176.7	176.7	176.7	176.7	176.7	176.7	176.7	174.0	174.0
0.0	7.5°	160.6	163.3	166.0	166.0	168.6	168.6	168.6	166.0	166.0	163.3
0.0	10°	152.6	155.3	155.3	157.9	157.9	157.9	157.9	157.9	157.9	157.9
0.0	12.5°	141.9	144.5	147.2	147.2	149.9	149.9	149.9	149.9	147.2	147.2
0.0	15°	128.5	133.8	136.5	139.2	139.2	141.9	141.9	141.9	141.9	141.9
0.0	17.5°	117.8	123.1	125.8	128.5	128.5	131.2	131.2	133.8	133.8	133.8
0.0	20°	96.4	101.7	104.4	109.7	112.4	115.1	117.8	120.5	120.5	123.1
0.0	22.5°	74.9	80.3	83.0	88.3	91.0	93.7	96.4	99.0	101.7	104.4
0.0	25°	53.5	58.9	61.6	66.9	69.6	72.3	74.9	77.6	77.6	80.3
0.0	27.5°	29.4	34.8	40.2	42.8	48.2	50.9	53.5	56.2	58.9	61.6
0.0	30°	13.4	16.1	18.7	24.1	26.8	29.4	32.1	37.5	40.2	42.8
0.0	32.5°	0.0	0.0	2.7	8.0	10.7	13.4	16.1	18.7	18.7	21.4
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.7	5.4	8.0	10.7
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	5.4	5.4	5.4	8.0	8.0	8.0	8.0	8.0	8.0	8.0
	82.5°	13.4	16.1	18.7	18.7	21.4	21.4	21.4	21.4	18.7	18.7
	85°	26.8	29.4	32.1	32.1	34.8	34.8	34.8	34.8	34.8	34.8
	87.5°	37.5	40.2	42.8	42.8	45.5	45.5	45.5	45.5	45.5	45.5
	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: P1049055

CATALOG NUMBER: GALN-SA7C-750-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
155.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.4	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											
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8.0											
18.7											
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REPORT NUMBER: P1049055

CATALOG NUMBER: GALN-SA7C-750-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°	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3
0.0	2.5°	179.3	179.3	176.7	176.7	176.7	176.7	176.7	179.3	182.0	182.0
0.0	5°	171.3	171.3	168.6	168.6	168.6	171.3	171.3	174.0	176.7	179.3
0.0	7.5°	163.3	160.6	160.6	163.3	163.3	166.0	166.0	168.6	171.3	174.0
0.0	10°	157.9	155.3	155.3	155.3	157.9	157.9	160.6	163.3	166.0	168.6
0.0	12.5°	147.2	147.2	147.2	147.2	149.9	149.9	152.6	155.3	160.6	163.3
0.0	15°	141.9	139.2	139.2	139.2	139.2	141.9	141.9	147.2	152.6	155.3
0.0	17.5°	131.2	131.2	128.5	128.5	131.2	131.2	133.8	139.2	144.5	147.2
0.0	20°	120.5	117.8	115.1	115.1	117.8	117.8	120.5	125.8	131.2	133.8
0.0	22.5°	104.4	101.7	101.7	101.7	101.7	104.4	104.4	109.7	117.8	123.1
0.0	25°	83.0	85.7	85.7	88.3	88.3	91.0	93.7	99.0	107.1	112.4
0.0	27.5°	64.2	66.9	66.9	72.3	74.9	77.6	80.3	88.3	96.4	101.7
0.0	30°	48.2	50.9	53.5	56.2	61.6	66.9	72.3	80.3	88.3	93.7
0.0	32.5°	29.4	34.8	37.5	42.8	48.2	53.5	58.9	66.9	77.6	85.7
0.0	35°	21.4	24.1	29.4	32.1	37.5	42.8	48.2	58.9	66.9	77.6
0.0	37.5°	10.7	16.1	21.4	26.8	32.1	37.5	42.8	53.5	64.2	72.3
0.0	40°	8.0	13.4	16.1	21.4	29.4	34.8	40.2	50.9	61.6	72.3
0.0	42.5°	5.4	8.0	10.7	18.7	24.1	32.1	40.2	50.9	61.6	72.3
0.0	45°	5.4	5.4	8.0	16.1	24.1	34.8	42.8	53.5	61.6	72.3
0.0	47.5°	5.4	8.0	10.7	21.4	26.8	34.8	42.8	50.9	61.6	69.6
0.0	50°	8.0	10.7	13.4	24.1	29.4	37.5	42.8	53.5	61.6	72.3
0.0	52.5°	5.4	8.0	10.7	21.4	29.4	40.2	48.2	58.9	69.6	77.6
0.0	55°	2.7	2.7	2.7	16.1	32.1	45.5	61.6	69.6	80.3	88.3
0.0	57.5°	0.0	0.0	0.0	10.7	32.1	50.9	69.6	80.3	91.0	99.0
0.0	60°	0.0	0.0	0.0	10.7	32.1	50.9	69.6	83.0	96.4	109.7
0.0	62.5°	0.0	0.0	0.0	10.7	26.8	42.8	58.9	80.3	104.4	125.8
0.0	65°	0.0	0.0	0.0	8.0	21.4	34.8	48.2	80.3	112.4	141.9
0.0	67.5°	0.0	0.0	0.0	8.0	21.4	32.1	45.5	80.3	112.4	147.2
	70°	0.0	0.0	0.0	8.0	21.4	34.8	48.2	80.3	112.4	144.5
	72.5°	0.0	0.0	0.0	8.0	24.1	37.5	53.5	80.3	107.1	133.8
	75°	0.0	0.0	0.0	10.7	24.1	40.2	56.2	80.3	104.4	125.8
	77.5°	0.0	0.0	0.0	8.0	24.1	37.5	53.5	77.6	101.7	123.1
	80°	8.0	5.4	5.4	13.4	24.1	34.8	45.5	69.6	96.4	120.5
	82.5°	16.1	16.1	13.4	18.7	24.1	32.1	40.2	61.6	85.7	107.1
	85°	32.1	32.1	29.4	32.1	32.1	34.8	37.5	48.2	58.9	69.6
	87.5°	42.8	42.8	40.2	40.2	40.2	37.5	37.5	37.5	37.5	34.8
	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: P1049055

CATALOG NUMBER: GALN-SA7C-750-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
155.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
184.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.7											
160.6											
149.9											
147.2											
144.5											
128.5											
80.3											
34.8											
0.0											
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REPORT NUMBER: P1049055

CATALOG NUMBER: GALN-SA7C-750-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3
0.0	2.5°	187.4	190.1	190.1	192.7	195.4	198.1	198.1	200.8	200.8	200.8
0.0	5°	184.7	190.1	192.7	195.4	198.1	200.8	203.4	206.1	208.8	208.8
0.0	7.5°	182.0	184.7	190.1	192.7	198.1	200.8	206.1	208.8	211.5	214.1
0.0	10°	176.7	182.0	187.4	192.7	198.1	203.4	208.8	214.1	219.5	222.2
0.0	12.5°	171.3	179.3	184.7	190.1	198.1	206.1	211.5	219.5	224.8	230.2
0.0	15°	168.6	174.0	182.0	187.4	198.1	208.8	216.8	227.5	238.2	246.3
0.0	17.5°	160.6	171.3	179.3	187.4	198.1	211.5	222.2	232.9	248.9	265.0
0.0	20°	149.9	157.9	168.6	176.7	192.7	206.1	222.2	235.6	259.6	283.7
0.0	22.5°	139.2	149.9	157.9	168.6	187.4	203.4	222.2	238.2	278.4	315.9
0.0	25°	128.5	141.9	152.6	163.3	184.7	206.1	227.5	248.9	315.9	382.8
0.0	27.5°	123.1	133.8	147.2	157.9	184.7	214.1	240.9	267.7	374.7	479.1
0.0	30°	115.1	128.5	139.2	152.6	187.4	222.2	257.0	291.8	455.0	618.3
0.0	32.5°	107.1	120.5	133.8	147.2	192.7	238.2	281.1	326.6	540.7	752.2
0.0	35°	99.0	115.1	128.5	141.9	200.8	262.3	321.2	380.1	618.3	853.9
0.0	37.5°	96.4	112.4	125.8	139.2	203.4	265.0	329.2	390.8	626.4	861.9
0.0	40°	99.0	112.4	128.5	141.9	195.4	248.9	299.8	353.3	599.6	843.2
0.0	42.5°	99.0	115.1	131.2	147.2	190.1	232.9	275.7	318.5	591.6	864.6
0.0	45°	96.4	112.4	128.5	144.5	184.7	222.2	262.3	299.8	639.7	977.0
0.0	47.5°	93.7	109.7	125.8	141.9	182.0	222.2	262.3	302.5	827.1	1349.1
0.0	50°	93.7	109.7	123.1	136.5	184.7	235.6	283.7	331.9	1204.5	2074.5
0.0	52.5°	99.0	112.4	123.1	133.8	190.1	248.9	305.2	361.4	1531.1	2698.2
0.0	55°	107.1	115.1	125.8	133.8	203.4	270.4	339.9	406.9	1630.1	2853.4
0.0	57.5°	117.8	125.8	133.8	141.9	227.5	313.2	396.2	481.8	1638.2	2791.9
0.0	60°	131.2	141.9	149.9	157.9	248.9	342.6	433.6	524.6	1482.9	2438.5
0.0	62.5°	160.6	174.0	184.7	198.1	286.4	372.1	460.4	546.1	1231.3	1916.6
0.0	65°	184.7	195.4	206.1	216.8	302.5	390.8	476.5	562.1	1043.9	1525.8
0.0	67.5°	190.1	200.8	208.8	219.5	307.8	396.2	481.8	570.2	894.0	1215.2
	70°	192.7	206.1	222.2	235.6	326.6	417.6	505.9	596.9	792.3	987.7
	72.5°	184.7	211.5	235.6	259.6	345.3	428.3	513.9	596.9	736.1	875.3
	75°	184.7	222.2	257.0	291.8	356.0	417.6	481.8	543.4	650.5	757.5
	77.5°	195.4	243.6	291.8	339.9	377.4	412.2	449.7	484.5	554.1	623.7
	80°	195.4	246.3	294.4	345.3	361.4	380.1	396.2	412.2	420.3	428.3
	82.5°	168.6	208.8	248.9	289.1	270.4	251.6	232.9	214.1	200.8	184.7
	85°	85.7	93.7	99.0	104.4	96.4	88.3	80.3	72.3	66.9	58.9
	87.5°	34.8	34.8	32.1	32.1	32.1	32.1	29.4	29.4	29.4	29.4
	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: P1049055

CATALOG NUMBER: GALN-SA7C-750-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
155.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
216.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
227.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
238.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
259.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
286.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
329.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
420.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
570.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
792.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1073.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1341.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1523.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1659.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1796.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2063.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2599.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3961.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6068.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7639.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7813.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7050.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6028.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4711.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3560.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2628.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1860.3											
1383.9											
1006.5											
757.5											
425.6											
192.7											
56.2											
26.8											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1049055

CATALOG NUMBER: GALN-SA7C-750-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°	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3
0.0	2.5°	200.8	198.1	198.1	195.4	192.7	190.1	187.4	184.7	182.0	179.3
0.0	5°	208.8	208.8	208.8	206.1	206.1	203.4	203.4	200.8	198.1	195.4
0.0	7.5°	216.8	219.5	219.5	222.2	222.2	222.2	222.2	219.5	219.5	219.5
0.0	10°	230.2	232.9	235.6	238.2	240.9	243.6	243.6	246.3	246.3	246.3
0.0	12.5°	246.3	254.3	259.6	267.7	273.0	281.1	286.4	294.4	299.8	305.2
0.0	15°	270.4	283.7	299.8	313.2	326.6	345.3	366.7	385.5	404.2	433.6
0.0	17.5°	305.2	348.0	390.8	431.0	473.8	567.5	661.2	752.2	845.9	982.4
0.0	20°	372.1	500.6	626.4	754.8	880.7	1209.9	1536.5	1865.7	2192.3	2542.9
0.0	22.5°	522.0	837.8	1153.7	1469.5	1785.4	2473.3	3158.6	3846.5	4531.8	5337.5
0.0	25°	757.5	1338.4	1919.2	2497.4	3078.3	4154.3	5233.1	6309.1	7385.2	8431.8
0.0	27.5°	1102.8	1991.5	2880.2	3766.2	4654.9	6113.7	7575.2	9034.1	10492.9	11676.0
0.0	30°	1528.4	2733.0	3937.5	5142.1	6346.6	8006.2	9665.8	11322.7	12982.3	14275.2
0.0	32.5°	1929.9	3404.8	4879.7	6352.0	7826.9	9716.6	11609.1	13498.9	15388.7	16802.0
0.0	35°	2192.3	3975.0	5760.4	7543.1	9325.8	11370.9	13415.9	15458.3	17503.3	19117.4
0.0	37.5°	2454.6	4513.0	6568.8	8627.2	10683.0	12928.8	15174.6	17420.4	19666.2	21660.4
0.0	40°	2749.0	5163.5	7575.2	9989.7	12401.4	15062.1	17720.2	20380.9	23038.9	25852.2
0.0	42.5°	3260.3	6242.2	9226.8	12208.7	15190.6	18710.6	22230.5	25747.8	29267.7	33282.9
0.0	45°	4221.3	8423.8	12629.0	16831.5	21034.0	25696.9	30362.5	35025.4	39688.3	45031.2
0.0	47.5°	6574.1	12355.9	18135.1	23916.9	29696.0	34731.0	39763.3	44798.3	49830.6	55152.0
0.0	50°	10059.3	16788.6	23518.0	30244.7	36974.1	41530.0	46083.1	50639.0	55192.1	60253.9
0.0	52.5°	12580.8	19591.2	26604.3	33614.8	40625.2	44736.7	48850.9	52962.4	57073.9	61803.7
0.0	55°	12770.8	19741.1	26714.1	33684.4	40654.7	44784.9	48915.1	53045.4	57175.6	62189.2
0.0	57.5°	11306.6	18220.7	25132.1	32046.2	38957.6	43660.7	48361.0	53064.1	57764.5	63185.0
0.0	60°	9617.6	16534.4	23448.4	30365.2	37279.3	42697.0	48117.5	53535.2	58953.0	64030.8
0.0	62.5°	7503.0	14617.8	21735.3	28850.1	35965.0	41465.7	46966.5	52464.5	57965.3	61774.3
0.0	65°	5591.8	12500.5	19409.2	26315.2	33224.0	37629.9	42035.9	46439.1	50845.1	53203.3
0.0	67.5°	4041.9	10000.4	15956.2	21914.6	27870.4	31023.7	34176.9	37327.4	40480.7	42284.8
	70°	2733.0	6860.5	10985.4	15113.0	19237.9	21829.0	24422.8	27013.9	29605.0	32040.8
	72.5°	1892.5	4210.5	6531.3	8849.4	11167.4	13774.6	16379.1	18986.3	21590.8	24168.5
	75°	1255.4	2310.0	3367.4	4422.0	5476.7	7406.6	9339.2	11269.2	13199.1	14735.6
	77.5°	891.4	1207.2	1525.8	1841.6	2157.5	2518.8	2882.9	3244.2	3605.6	4154.3
	80°	422.9	463.1	503.2	540.7	580.9	712.0	843.2	974.3	1105.5	1244.7
	82.5°	200.8	216.8	232.9	246.3	262.3	275.7	289.1	302.5	315.9	302.5
	85°	53.5	53.5	56.2	56.2	56.2	56.2	56.2	56.2	56.2	53.5
	87.5°	24.1	24.1	24.1	24.1	24.1	24.1	24.1	21.4	21.4	18.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
155.3	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
192.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
216.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
248.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
307.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
465.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1116.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2896.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6143.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9478.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12859.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15570.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18218.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20731.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23657.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28665.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37298.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50374.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60473.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65315.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66533.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67205.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68605.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69105.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65586.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55564.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44091.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34474.0											
26746.2											
16272.0											
4703.1											
1383.9											
286.4											
50.9											
18.7											
0.0											
0.0											
0.0											
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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°	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3
0.0	2.5°	174.0	171.3	168.6	166.0	163.3	157.9	157.9	155.3	155.3
0.0	5°	190.1	187.4	184.7	182.0	182.0	179.3	176.7	176.7	174.0
0.0	7.5°	216.8	214.1	211.5	208.8	208.8	206.1	206.1	203.4	203.4
0.0	10°	248.9	248.9	248.9	248.9	248.9	246.3	246.3	246.3	243.6
0.0	12.5°	313.2	315.9	321.2	326.6	334.6	334.6	334.6	331.9	331.9
0.0	15°	495.2	524.6	546.1	567.5	586.2	629.0	623.7	615.7	610.3
0.0	17.5°	1252.7	1386.6	1458.8	1528.4	1600.7	1798.8	1766.7	1734.5	1705.1
0.0	20°	3246.9	3597.6	3830.4	4063.3	4298.9	4670.9	4579.9	4488.9	4397.9
0.0	22.5°	6946.2	7751.9	8102.6	8453.2	8801.2	9250.9	8959.1	8667.4	8378.3
0.0	25°	10522.3	11569.0	12160.5	12752.1	13341.0	13597.9	13217.8	12835.1	12455.0
0.0	27.5°	14042.3	15225.4	15747.4	16266.7	16788.6	17326.7	16855.6	16381.8	15910.7
0.0	30°	16863.6	18156.5	18721.3	19283.4	19848.2	20222.9	19735.8	19245.9	18758.7
0.0	32.5°	19631.4	21044.7	21663.0	22281.4	22897.0	23435.0	22835.5	22233.2	21633.6
0.0	35°	22342.9	23957.0	24808.2	25659.4	26510.6	27011.2	26299.2	25584.5	24872.5
0.0	37.5°	25651.4	27645.6	28598.5	29551.4	30504.4	31417.1	30632.9	29845.9	29061.6
0.0	40°	31478.7	34292.0	35753.5	37217.7	38679.2	39857.0	38866.6	37876.2	36885.8
0.0	42.5°	41313.1	45328.3	47429.5	49528.1	51629.4	53468.3	52427.0	51385.8	50344.5
0.0	45°	55716.8	61059.6	63621.3	66180.2	68741.9	70085.6	68586.7	67085.0	65586.0
0.0	47.5°	65792.1	71113.5	73394.1	75674.7	77955.3	79489.1	77655.5	75821.9	73991.0
0.0	50°	70374.7	75436.5	77725.1	80011.1	82299.7	83517.6	81400.3	79280.3	77163.0
0.0	52.5°	71260.7	75990.6	78720.9	81453.8	84184.1	85811.6	83311.5	80808.7	78308.7
0.0	55°	72219.0	77232.6	80399.2	83568.5	86735.1	88988.9	86162.3	83332.9	80506.3
0.0	57.5°	74023.2	79443.6	82602.2	85758.1	88916.7	90830.5	87995.9	85158.5	82323.8
0.0	60°	74183.8	79258.9	81973.1	84690.1	87404.3	88608.8	85897.3	83183.0	80471.5
0.0	62.5°	69395.0	73204.1	75088.5	76972.9	78857.4	80166.3	77337.0	74505.0	71675.6
0.0	65°	57922.4	60280.7	61782.3	63284.0	64785.7	66346.2	63755.1	61164.0	58572.9
0.0	67.5°	45895.7	47699.9	49678.0	51656.1	53634.3	55301.9	53227.4	51150.2	49075.7
	70°	36909.9	39343.0	41567.4	43791.8	46016.2	47381.4	45298.8	43213.6	41131.1
	72.5°	29323.9	31901.6	33759.3	35614.3	37472.0	37806.6	36275.5	34744.4	33215.9
	75°	17805.8	19342.3	19379.8	19414.5	19452.0	19770.6	18501.8	17233.0	15966.9
	77.5°	5251.8	5800.5	6252.9	6702.6	7155.0	7701.0	7235.3	6766.9	6301.1
	80°	1520.4	1659.6	1777.4	1892.5	2010.2	1940.7	1830.9	1721.2	1611.4
	82.5°	273.0	257.0	254.3	251.6	251.6	238.2	216.8	195.4	174.0
	85°	48.2	45.5	42.8	40.2	37.5	34.8	29.4	26.8	21.4
	87.5°	16.1	13.4	10.7	8.0	8.0	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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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049055

CATALOG NUMBER: GALN-SA7C-750-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°	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3	155.3
0.0	0.0	2.5°	152.6	149.9	149.9	149.9	149.9	147.2	147.2	147.2	147.2
0.0	0.0	5°	168.6	168.6	166.0	166.0	163.3	163.3	160.6	160.6	157.9
0.0	0.0	7.5°	198.1	195.4	192.7	190.1	187.4	182.0	179.3	176.7	176.7
0.0	0.0	10°	238.2	232.9	230.2	224.8	222.2	216.8	211.5	206.1	200.8
0.0	0.0	12.5°	313.2	302.5	294.4	283.7	273.0	265.0	254.3	246.3	235.6
0.0	0.0	15°	543.4	516.6	487.2	452.4	414.9	380.1	342.6	321.2	297.1
0.0	0.0	17.5°	1389.2	1250.0	1108.2	993.1	878.0	765.6	650.5	567.5	484.5
0.0	0.0	20°	3536.0	3150.5	2765.1	2385.0	2002.2	1622.1	1239.3	1046.6	853.9
0.0	0.0	22.5°	6654.4	5939.7	5222.4	4529.1	3833.1	3139.8	2446.6	2010.2	1576.6
0.0	0.0	25°	10270.7	9371.3	8471.9	7331.6	6188.7	5048.4	3908.1	3198.7	2489.4
0.0	0.0	27.5°	13365.1	12329.2	11293.3	9906.7	8520.1	7133.6	5747.0	4689.7	3635.0
0.0	0.0	30°	16044.5	14931.0	13817.4	12203.4	10589.3	8975.2	7361.1	6038.8	4716.5
0.0	0.0	32.5°	18367.9	17034.9	15701.9	14036.9	12372.0	10707.0	9042.1	7420.0	5797.9
0.0	0.0	35°	21047.4	19492.2	17934.3	16087.3	14237.7	12390.7	10543.8	8712.9	6879.3
0.0	0.0	37.5°	24452.2	22543.7	20632.5	18574.0	16515.6	14459.9	12401.4	10308.2	8215.0
0.0	0.0	40°	30970.1	28507.5	26044.9	23429.7	20811.8	18196.6	15581.4	13011.7	10442.0
0.0	0.0	42.5°	42648.8	39321.6	35994.4	32514.6	29032.2	25552.4	22069.9	18445.6	14818.6
0.0	0.0	45°	55829.2	51701.6	47571.4	43666.0	39757.9	35852.5	31947.1	26973.7	22000.3
0.0	0.0	47.5°	63241.2	58784.4	54327.5	50630.9	46934.3	43237.7	39541.1	34179.6	28818.0
0.0	0.0	50°	65968.8	61431.7	56894.6	53492.4	50087.6	46685.4	43280.6	37911.0	32538.7
0.0	0.0	52.5°	66549.6	61921.5	57293.4	53869.8	50446.2	47025.3	43601.8	38267.0	32932.2
0.0	0.0	55°	67743.5	62778.1	57810.0	53907.3	50004.6	46101.9	42199.1	36778.7	31358.3
0.0	0.0	57.5°	69304.0	64212.8	59121.6	54675.5	50229.4	45786.0	41339.9	35413.6	29487.2
0.0	0.0	60°	68894.5	64464.4	60031.7	55269.8	50505.1	45743.2	40978.5	34460.6	27940.0
0.0	0.0	62.5°	61785.0	58257.0	54726.4	50810.3	46891.5	42975.4	39059.3	32348.7	25638.0
0.0	0.0	65°	50829.0	48254.0	45678.9	42528.4	39375.2	36224.6	33074.1	27056.7	21042.0
0.0	0.0	67.5°	41195.4	38293.7	35389.5	32878.7	30365.2	27854.4	25340.9	20605.7	15870.5
		70°	32728.8	29572.9	26414.3	23962.4	21507.8	19055.9	16604.0	13456.1	10310.9
		72.5°	25991.4	23146.0	20300.6	17685.4	15067.5	12452.3	9834.4	7974.1	6113.7
		75°	12422.8	11285.2	10147.6	8779.8	7412.0	6044.1	4676.3	3865.2	3056.9
		77.5°	4604.0	3991.1	3375.4	2818.6	2261.9	1707.8	1151.0	1054.6	958.3
		80°	1191.2	1038.6	883.3	773.6	661.2	551.4	441.7	398.8	358.7
		82.5°	136.5	125.8	117.8	112.4	104.4	99.0	91.0	83.0	74.9
		85°	8.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049055

CATALOG NUMBER: GALN-SA7C-750-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	155.3	155.3
0.0	0.0	2.5°	144.5	141.9
0.0	0.0	5°	152.6	149.9
0.0	0.0	7.5°	168.6	163.3
0.0	0.0	10°	184.7	179.3
0.0	0.0	12.5°	208.8	200.8
0.0	0.0	15°	235.6	219.5
0.0	0.0	17.5°	281.1	246.3
0.0	0.0	20°	380.1	291.8
0.0	0.0	22.5°	535.4	364.0
0.0	0.0	25°	787.0	503.2
0.0	0.0	27.5°	1094.8	669.2
0.0	0.0	30°	1456.2	837.8
0.0	0.0	32.5°	1774.7	998.4
0.0	0.0	35°	2189.6	1161.7
0.0	0.0	37.5°	2700.9	1370.5
0.0	0.0	40°	3493.2	1686.4
0.0	0.0	42.5°	4919.9	2269.9
0.0	0.0	45°	7990.1	3924.1
0.0	0.0	47.5°	12294.4	6491.1
0.0	0.0	50°	15040.7	8284.6
0.0	0.0	52.5°	15265.6	8271.2
0.0	0.0	55°	13935.2	7353.1
0.0	0.0	57.5°	11890.2	6145.8
0.0	0.0	60°	9882.6	4861.0
0.0	0.0	62.5°	7786.7	3356.7
0.0	0.0	65°	5690.8	2374.3
0.0	0.0	67.5°	4087.4	1774.7
		70°	2687.5	1359.8
		72.5°	1750.6	1108.2
		75°	1177.8	918.1
		77.5°	687.9	610.3
		80°	243.6	214.1
		82.5°	45.5	32.1
		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: P1049055

CATALOG NUMBER: GALN-SA7C-750-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: SP1-2407-184-6

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-750-U-5WQ

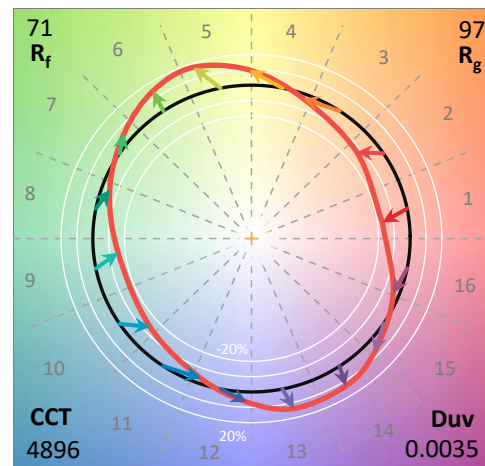
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-6
 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-750-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K):	4896	CRI (Ra):	70.2		
CIE u':	0.2101	R1:	68.1	R9:	-35.1
CIE v':	0.4901	R2:	73.9	R10:	39.3
Duv:	0.0035	R3:	79.4	R11:	71.1
CIE x:	0.3489	R4:	72.1	R12:	43.8
CIE y:	0.3618	R5:	69.2	R13:	68.1
CIE z:	0.2893	R6:	65.7	R14:	88.4
Peak Wavelength (nm):	443	R7:	78.1	R15:	59.7
Dominant Wavelength (nm):	570	R8:	55.3		
Purity:	13.25435				
Rf:	70.7				
Rg:	96.8				



Test Conditions

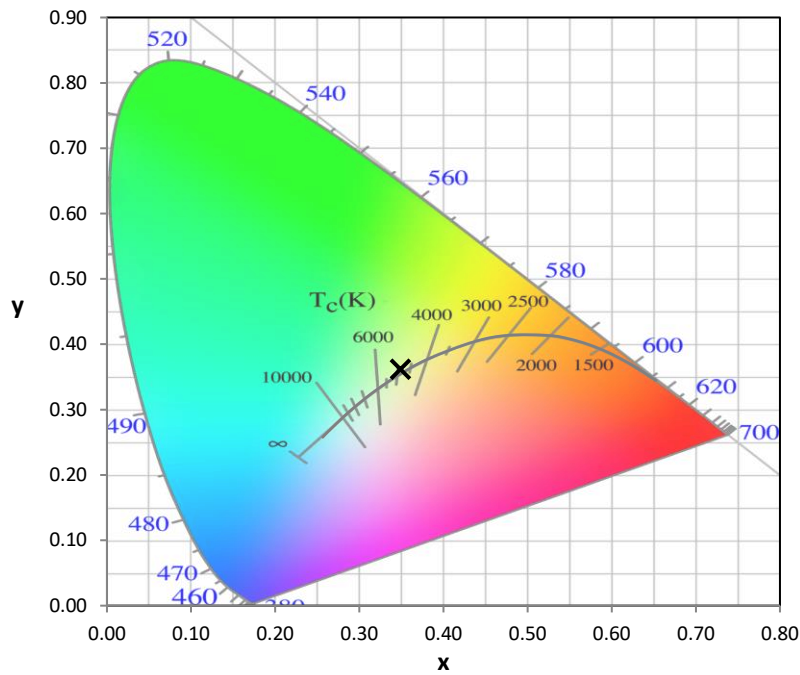
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-6

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: SP1-2407-184-6

CIE 1931 Chromaticity Diagram



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



Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-6

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.7

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

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	118	NR	620	401	NR	750	12	NR	880	0	NR
365	0	NR	495	168	NR	625	365	NR	755	10	NR	885	0	NR
370	0	NR	500	230	NR	630	331	NR	760	9	NR	890	0	NR
375	0	NR	505	299	NR	635	298	NR	765	8	NR	895	0	NR
380	0	NR	510	362	NR	640	266	NR	770	6	NR	900	0	NR
385	2	NR	515	418	NR	645	236	NR	775	6	NR	905	0	NR
390	4	NR	520	461	NR	650	209	NR	780	5	NR	910	0	NR
395	6	NR	525	491	NR	655	184	NR	785	4	NR	915	0	NR
400	9	NR	530	514	NR	660	160	NR	790	4	NR	920	0	NR
405	14	NR	535	530	NR	665	140	NR	795	3	NR	925	0	NR
410	27	NR	540	539	NR	670	122	NR	800	3	NR	930	0	NR
415	55	NR	545	549	NR	675	106	NR	805	2	NR	935	0	NR
420	115	NR	550	557	NR	680	92	NR	810	2	NR	940	0	NR
425	226	NR	555	565	NR	685	79	NR	815	2	NR	945	0	NR
430	395	NR	560	572	NR	690	68	NR	820	2	NR	950	0	NR
435	648	NR	565	580	NR	695	59	NR	825	1	NR	955	0	NR
440	937	NR	570	586	NR	700	51	NR	830	1	NR	960	0	NR
445	953	NR	575	588	NR	705	44	NR	835	1	NR	965	0	NR
450	591	NR	580	588	NR	710	38	NR	840	1	NR	970	0	NR
455	334	NR	585	580	NR	715	32	NR	845	1	NR	975	0	NR
460	221	NR	590	568	NR	720	28	NR	850	1	NR	980	0	NR
465	140	NR	595	550	NR	725	24	NR	855	1	NR	985	0	NR
470	93	NR	600	527	NR	730	21	NR	860	1	NR	990	0	NR
475	79	NR	605	499	NR	735	18	NR	865	0	NR	995	0	NR
480	76	NR	610	469	NR	740	15	NR	870	0	NR	1000	0	NR
485	87	NR	615	435	NR	745	13	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-6

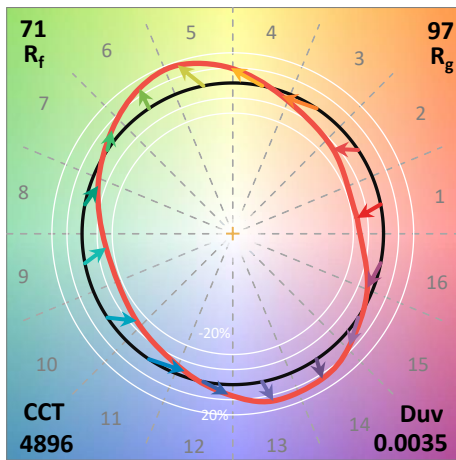
TM-30-18

Summary

$R_f = 70.7$
 $R_g = 96.8$
 CIE $R_a = 70.2$
 $R_g = -35.1$



Color Vector Graphics



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

CES01 = 85	CES26 = 53	CES51 = 87	CES76 = 42
CES02 = 59	CES27 = 78	CES52 = 88	CES77 = 64
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 45
CES04 = 69	CES29 = 48	CES54 = 80	CES79 = 74
CES05 = 46	CES30 = 56	CES55 = 79	CES80 = 71
CES06 = 50	CES31 = 54	CES56 = 68	CES81 = 72
CES07 = 39	CES32 = 50	CES57 = 65	CES82 = 88
CES08 = 38	CES33 = 60	CES58 = 67	CES83 = 82
CES09 = 29	CES34 = 62	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 79	CES60 = 91	CES85 = 84
CES11 = 56	CES36 = 90	CES61 = 87	CES86 = 74
CES12 = 61	CES37 = 72	CES62 = 79	CES87 = 75
CES13 = 41	CES38 = 66	CES63 = 72	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 70	CES89 = 74
CES15 = 70	CES40 = 83	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 83	CES66 = 64	CES91 = 92
CES17 = 49	CES42 = 70	CES67 = 62	CES92 = 67
CES18 = 55	CES43 = 68	CES68 = 69	CES93 = 81
CES19 = 71	CES44 = 98	CES69 = 80	CES94 = 56
CES20 = 64	CES45 = 78	CES70 = 56	CES95 = 71
CES21 = 85	CES46 = 77	CES71 = 53	CES96 = 77
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 46	CES98 = 71
CES24 = 90	CES49 = 76	CES74 = 94	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)