

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: P1049037

Luminaire Tested: **GALN-SA3A-750-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049037
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3A-750-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10055.5 lumens
Efficiency: N/A
Efficacy: 123.5 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

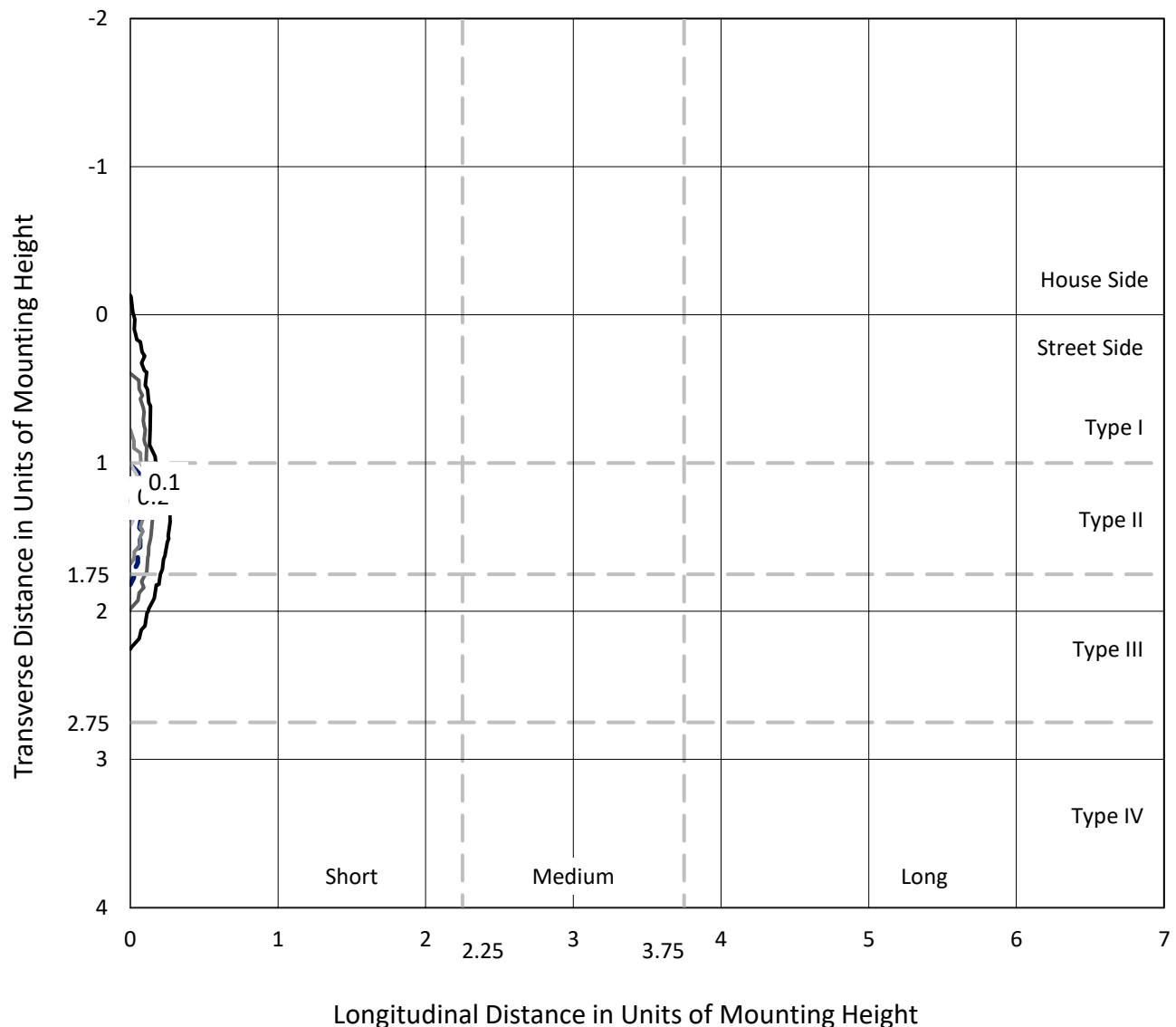
Input Watts (W): 81.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

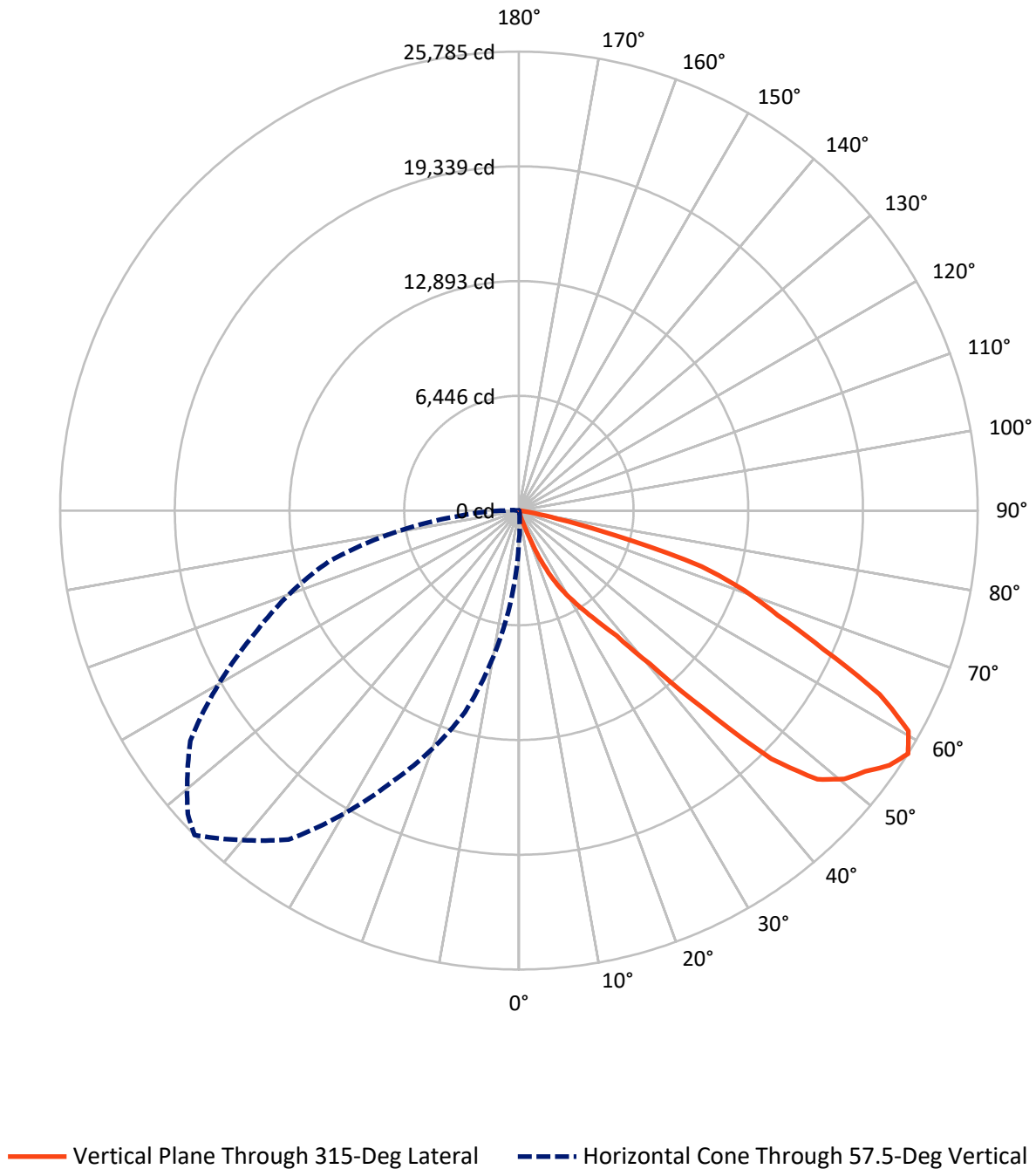
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.5 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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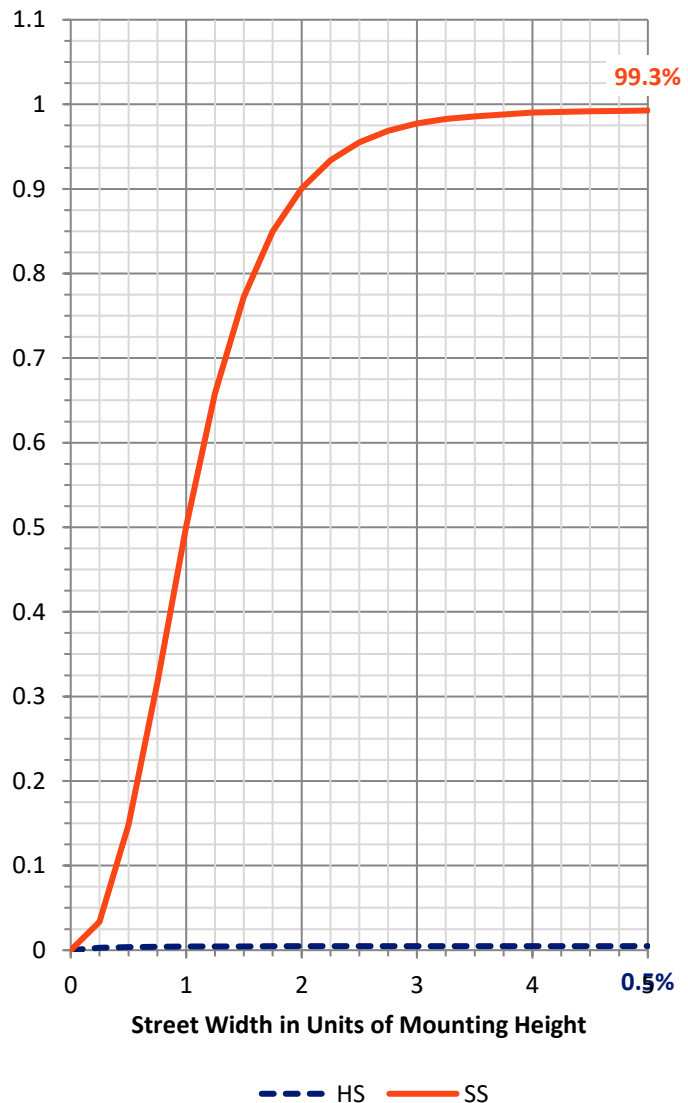
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	50.4	0.0	50.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	10005.1	0.0	10005.1
	% Fixture	99.5	0.0	99.5
Total	Lumens	10055.5	0.0	10055.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.9	0.0
10°-20°	22.1	0.2
20°-30°	238.3	2.4
30°-40°	704.7	7.0
40°-50°	2100.2	20.9
50°-60°	3330.1	33.1
60°-70°	2779.9	27.6
70°-80°	857.2	8.5
80°-90°	19.1	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°	10055.5	100.0
0°-180°	10055.5	100.0



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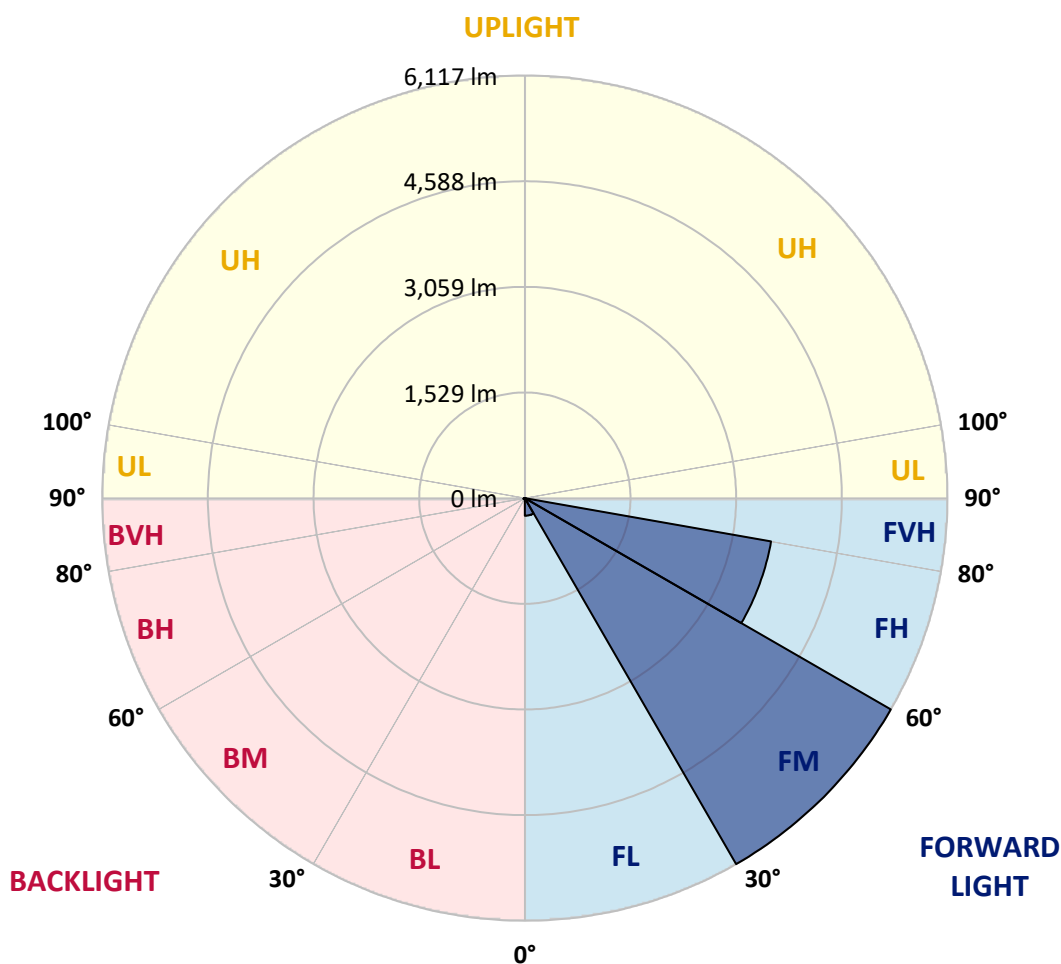
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	255.1	2.5			
FM	(30°-60°)	6117.0	60.8			
FH	(60°-80°)	3618.3	36.0			G2/5000
FVH	(80°-90°)	14.7	0.1			G1/100
BL	(0°-30°)	9.2	0.1	B0/110		
BM	(30°-60°)	18.0	0.2	B0/220		
BH	(60°-80°)	18.8	0.2	B0/110		G0/110
BVH	(80°-90°)	4.3	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G2

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°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
2.5°	40.3	40.3	40.3	40.3	39.5	39.5	38.8	38.8	38.0	38.0
5°	42.6	42.6	41.8	41.0	41.0	40.3	39.5	38.8	38.8	38.0
7.5°	46.4	45.6	44.8	44.1	42.6	41.8	40.3	39.5	38.8	37.2
10°	50.9	49.4	47.9	46.4	44.8	43.3	41.8	41.0	39.5	38.8
12.5°	57.0	54.7	51.7	49.4	47.9	45.6	44.1	42.6	40.3	38.8
15°	62.3	59.3	55.5	52.4	50.2	47.1	44.8	42.6	41.0	38.8
17.5°	69.9	64.6	58.5	54.7	51.7	47.9	44.1	41.8	39.5	36.5
20°	82.8	72.2	60.8	56.2	51.7	47.1	42.6	39.5	37.2	34.2
22.5°	103.3	85.1	66.9	60.0	54.0	47.1	41.0	38.0	35.0	31.9
25°	142.9	110.2	77.5	68.4	59.3	50.2	41.0	37.2	34.2	30.4
27.5°	190.0	141.3	91.9	79.0	66.9	54.0	41.0	36.5	32.7	28.1
30°	237.8	173.3	107.9	91.2	74.5	57.8	41.0	35.7	31.2	25.8
32.5°	283.4	202.9	121.6	101.8	82.1	61.6	41.8	35.7	29.6	23.6
35°	329.8	227.2	123.9	103.3	82.8	61.6	41.0	34.2	28.1	21.3
37.5°	389.1	254.6	119.3	98.8	79.0	58.5	38.8	32.7	26.6	19.8
40°	478.7	300.2	121.6	100.3	79.0	57.8	36.5	30.4	25.1	19.0
42.5°	644.4	388.3	131.5	107.1	82.8	57.8	33.4	28.1	23.6	18.2
45°	1114.0	645.1	176.3	139.8	103.3	66.9	30.4	25.8	22.0	17.5
47.5°	1842.7	1079.8	316.9	244.7	173.3	101.1	29.6	25.8	22.0	17.5
50°	2351.8	1375.4	398.9	307.0	215.0	123.1	31.2	26.6	22.8	18.2
52.5°	2348.0	1396.7	444.5	341.2	238.6	135.3	32.7	28.1	24.3	19.8
55°	2087.4	1270.5	452.9	348.0	243.9	139.1	35.0	30.4	25.8	21.3
57.5°	1744.7	1079.0	413.4	319.9	227.2	133.7	40.3	35.0	30.4	25.1
60°	1379.9	851.1	322.2	254.6	187.7	120.1	53.2	46.4	40.3	33.4
62.5°	952.9	617.0	281.2	225.7	171.0	115.5	60.8	54.0	47.9	41.0
65°	674.0	464.3	253.8	206.7	160.3	113.2	66.1	58.5	51.7	44.1
67.5°	503.8	369.3	234.0	193.8	153.5	113.2	72.9	63.8	55.5	46.4
70°	386.0	303.2	219.6	186.9	155.0	122.3	89.7	76.7	64.6	51.7
72.5°	314.6	259.1	202.9	179.3	155.8	132.2	108.7	91.9	75.2	57.8
75°	260.6	221.9	183.1	163.4	144.4	124.6	104.9	89.7	75.2	60.0
77.5°	173.3	158.1	142.1	130.7	119.3	107.1	95.7	82.8	70.7	57.8
80°	60.8	58.5	56.2	60.8	65.3	69.9	74.5	65.3	57.0	47.9
82.5°	9.1	8.4	7.6	8.4	9.1	9.9	10.6	11.4	12.2	12.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA3A-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°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
0.0	2.5°	37.2	37.2	36.5	36.5	36.5	35.7	35.7	35.0	35.0	35.0
0.0	5°	36.5	36.5	35.7	35.0	34.2	34.2	33.4	32.7	32.7	31.9
0.0	7.5°	35.7	35.0	34.2	33.4	32.7	31.9	31.2	30.4	30.4	29.6
0.0	10°	36.5	35.0	34.2	32.7	31.9	31.2	29.6	28.9	28.1	28.1
0.0	12.5°	35.0	34.2	32.7	31.2	30.4	28.9	28.1	26.6	25.8	25.8
0.0	15°	35.0	33.4	31.2	29.6	28.1	27.4	25.8	24.3	23.6	22.8
0.0	17.5°	32.7	31.2	28.9	27.4	25.8	24.3	22.8	21.3	20.5	19.8
0.0	20°	29.6	28.1	25.8	23.6	22.0	20.5	19.0	17.5	16.7	16.0
0.0	22.5°	26.6	25.1	22.8	20.5	19.0	17.5	15.2	13.7	12.9	11.4
0.0	25°	25.1	22.8	20.5	18.2	16.0	14.4	12.2	9.9	8.4	6.8
0.0	27.5°	21.3	19.0	16.7	14.4	12.2	9.9	7.6	5.3	3.8	3.0
0.0	30°	18.2	16.0	13.7	11.4	8.4	6.1	3.8	0.8	0.8	0.8
0.0	32.5°	15.2	12.9	9.9	7.6	6.1	3.8	2.3	0.0	0.0	0.0
0.0	35°	12.2	9.9	6.8	4.6	3.8	2.3	1.5	0.0	0.0	0.0
0.0	37.5°	10.6	8.4	5.3	2.3	1.5	1.5	0.8	0.0	0.0	0.0
0.0	40°	9.9	6.8	3.8	0.8	0.8	0.8	0.0	0.0	0.0	0.0
0.0	42.5°	9.9	6.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	9.9	6.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	9.9	6.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	10.6	7.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	12.2	9.1	6.1	3.0	2.3	1.5	0.8	0.0	0.0	0.0
0.0	55°	15.2	13.7	11.4	9.9	7.6	5.3	2.3	0.0	0.0	0.0
0.0	57.5°	19.8	19.8	19.0	18.2	13.7	9.1	4.6	0.0	0.0	0.0
0.0	60°	26.6	26.6	26.6	26.6	19.8	13.7	6.8	0.0	0.0	0.0
0.0	62.5°	32.7	31.2	28.9	27.4	20.5	13.7	6.8	0.0	0.0	0.0
0.0	65°	32.7	29.6	25.8	22.0	16.7	11.4	5.3	0.0	0.0	0.0
0.0	67.5°	30.4	24.3	17.5	11.4	8.4	6.1	3.0	0.0	0.0	0.0
	70°	30.4	21.3	12.2	3.0	2.3	1.5	0.8	0.0	0.0	0.0
	72.5°	30.4	20.5	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	33.4	22.8	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	33.4	22.8	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	29.6	19.8	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	9.9	6.8	3.0	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]



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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°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
0.0	2.5°	34.2	34.2	34.2	33.4	33.4	33.4	33.4	32.7	32.7	32.7
0.0	5°	31.2	31.2	30.4	30.4	29.6	29.6	28.9	28.9	28.1	28.1
0.0	7.5°	28.9	28.1	28.1	27.4	26.6	26.6	25.8	25.8	25.1	24.3
0.0	10°	26.6	25.8	25.8	25.1	24.3	23.6	23.6	22.8	22.0	21.3
0.0	12.5°	24.3	23.6	22.8	22.0	21.3	20.5	20.5	19.8	19.0	18.2
0.0	15°	21.3	20.5	19.8	19.0	18.2	17.5	17.5	16.7	16.0	15.2
0.0	17.5°	18.2	17.5	17.5	16.7	16.0	15.2	14.4	12.9	12.2	11.4
0.0	20°	13.7	12.9	12.2	11.4	10.6	9.1	8.4	6.8	5.3	4.6
0.0	22.5°	9.1	7.6	6.8	5.3	3.8	3.0	2.3	0.8	0.0	0.0
0.0	25°	3.0	2.3	1.5	0.8	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: P1049037

CATALOG NUMBER: GALN-SA3A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049037

CATALOG NUMBER: GALN-SA3A-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°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
0.0	2.5°	31.9	31.9	31.9	31.2	31.2	31.2	31.2	31.2	31.2	31.2
0.0	5°	27.4	27.4	27.4	26.6	26.6	25.8	25.8	25.8	25.1	25.1
0.0	7.5°	23.6	22.8	22.8	22.0	22.0	21.3	21.3	21.3	20.5	20.5
0.0	10°	19.8	19.0	19.0	18.2	18.2	17.5	17.5	16.7	16.7	16.0
0.0	12.5°	17.5	16.7	16.0	15.2	15.2	14.4	13.7	13.7	12.9	12.2
0.0	15°	13.7	12.9	12.2	11.4	10.6	9.9	9.1	9.1	8.4	7.6
0.0	17.5°	9.1	7.6	6.8	6.1	6.1	5.3	4.6	3.8	3.0	2.3
0.0	20°	2.3	1.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049037

CATALOG NUMBER: GALN-SA3A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049037

CATALOG NUMBER: GALN-SA3A-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°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
0.0	2.5°	31.2	30.4	30.4	30.4	31.2	31.2	31.2	31.2	31.2	31.2
0.0	5°	25.1	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
0.0	7.5°	20.5	19.8	19.8	19.8	19.8	19.0	19.0	19.0	19.0	19.0
0.0	10°	16.0	15.2	15.2	15.2	15.2	14.4	14.4	14.4	14.4	14.4
0.0	12.5°	11.4	11.4	10.6	10.6	10.6	9.9	9.9	9.9	9.9	9.1
0.0	15°	6.8	6.1	5.3	5.3	5.3	4.6	4.6	4.6	4.6	3.8
0.0	17.5°	1.5	1.5	0.8	0.8	0.8	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: P1049037

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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°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
0.0	2.5°	31.9	31.9	32.7	32.7	33.4	35.0	35.7	36.5	38.0	39.5
0.0	5°	25.1	25.8	25.8	26.6	27.4	28.1	28.9	29.6	31.2	32.7
0.0	7.5°	19.8	19.8	20.5	20.5	21.3	22.8	23.6	24.3	25.8	28.1
0.0	10°	15.2	15.2	16.0	16.0	16.7	18.2	19.0	19.8	21.3	23.6
0.0	12.5°	9.9	10.6	10.6	11.4	12.2	13.7	14.4	15.2	16.7	18.2
0.0	15°	4.6	5.3	5.3	6.1	6.8	8.4	9.1	9.9	11.4	13.7
0.0	17.5°	0.8	0.8	1.5	1.5	2.3	3.0	3.8	4.6	6.8	8.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
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: P1049037

CATALOG NUMBER: GALN-SA3A-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°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
0.0	2.5°	41.8	43.3	44.8	46.4	47.9	49.4	50.2	51.7	52.4	53.2
0.0	5°	35.7	37.2	39.5	41.0	42.6	44.1	45.6	46.4	47.1	47.9
0.0	7.5°	31.2	32.7	35.0	36.5	38.0	39.5	41.0	42.6	43.3	44.1
0.0	10°	26.6	28.9	30.4	32.7	34.2	35.7	37.2	38.8	40.3	41.0
0.0	12.5°	21.3	23.6	25.8	27.4	29.6	31.9	33.4	35.0	36.5	38.0
0.0	15°	16.7	19.0	21.3	22.8	25.1	27.4	29.6	31.2	32.7	34.2
0.0	17.5°	12.2	14.4	16.7	18.2	20.5	22.8	24.3	26.6	28.1	29.6
0.0	20°	6.1	8.4	10.6	12.9	15.2	17.5	19.0	21.3	22.8	24.3
0.0	22.5°	0.8	3.0	5.3	6.8	9.1	11.4	12.9	15.2	16.7	18.2
0.0	25°	0.0	0.8	2.3	3.0	3.8	5.3	6.8	8.4	9.9	11.4
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.8	1.5	3.0	4.6	6.1
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.5
	85°	0.0	0.0	0.0	0.0	0.0	1.5	2.3	3.8	4.6	5.3
	87.5°	0.0	0.8	1.5	2.3	3.0	4.6	6.1	7.6	8.4	9.1
	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: P1049037

CATALOG NUMBER: GALN-SA3A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049037

CATALOG NUMBER: GALN-SA3A-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°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
0.0	2.5°	54.0	54.0	54.0	54.0	53.2	53.2	53.2	52.4	52.4	51.7
0.0	5°	49.4	50.2	50.2	50.2	50.2	50.2	50.2	50.2	49.4	49.4
0.0	7.5°	45.6	46.4	47.1	47.1	47.9	47.9	47.9	47.1	47.1	46.4
0.0	10°	43.3	44.1	44.1	44.8	44.8	44.8	44.8	44.8	44.8	44.8
0.0	12.5°	40.3	41.0	41.8	41.8	42.6	42.6	42.6	42.6	41.8	41.8
0.0	15°	36.5	38.0	38.8	39.5	39.5	40.3	40.3	40.3	40.3	40.3
0.0	17.5°	33.4	35.0	35.7	36.5	36.5	37.2	37.2	38.0	38.0	38.0
0.0	20°	27.4	28.9	29.6	31.2	31.9	32.7	33.4	34.2	34.2	35.0
0.0	22.5°	21.3	22.8	23.6	25.1	25.8	26.6	27.4	28.1	28.9	29.6
0.0	25°	15.2	16.7	17.5	19.0	19.8	20.5	21.3	22.0	22.0	22.8
0.0	27.5°	8.4	9.9	11.4	12.2	13.7	14.4	15.2	16.0	16.7	17.5
0.0	30°	3.8	4.6	5.3	6.8	7.6	8.4	9.1	10.6	11.4	12.2
0.0	32.5°	0.0	0.0	0.8	2.3	3.0	3.8	4.6	5.3	5.3	6.1
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.5	2.3	3.0
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°	1.5	1.5	1.5	2.3	2.3	2.3	2.3	2.3	2.3	2.3
	82.5°	3.8	4.6	5.3	5.3	6.1	6.1	6.1	6.1	5.3	5.3
	85°	7.6	8.4	9.1	9.1	9.9	9.9	9.9	9.9	9.9	9.9
	87.5°	10.6	11.4	12.2	12.2	12.9	12.9	12.9	12.9	12.9	12.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049037

CATALOG NUMBER: GALN-SA3A-750-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
44.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	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											
5.3											
9.9											
12.9											
0.0											
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REPORT NUMBER: P1049037

CATALOG NUMBER: GALN-SA3A-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°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
0.0	2.5°	50.9	50.9	50.2	50.2	50.2	50.2	50.2	50.9	51.7	51.7
0.0	5°	48.6	48.6	47.9	47.9	47.9	48.6	48.6	49.4	50.2	50.9
0.0	7.5°	46.4	45.6	45.6	46.4	46.4	47.1	47.1	47.9	48.6	49.4
0.0	10°	44.8	44.1	44.1	44.1	44.8	44.8	45.6	46.4	47.1	47.9
0.0	12.5°	41.8	41.8	41.8	41.8	42.6	42.6	43.3	44.1	45.6	46.4
0.0	15°	40.3	39.5	39.5	39.5	39.5	40.3	40.3	41.8	43.3	44.1
0.0	17.5°	37.2	37.2	36.5	36.5	37.2	37.2	38.0	39.5	41.0	41.8
0.0	20°	34.2	33.4	32.7	32.7	33.4	33.4	34.2	35.7	37.2	38.0
0.0	22.5°	29.6	28.9	28.9	28.9	28.9	29.6	29.6	31.2	33.4	35.0
0.0	25°	23.6	24.3	24.3	25.1	25.1	25.8	26.6	28.1	30.4	31.9
0.0	27.5°	18.2	19.0	19.0	20.5	21.3	22.0	22.8	25.1	27.4	28.9
0.0	30°	13.7	14.4	15.2	16.0	17.5	19.0	20.5	22.8	25.1	26.6
0.0	32.5°	8.4	9.9	10.6	12.2	13.7	15.2	16.7	19.0	22.0	24.3
0.0	35°	6.1	6.8	8.4	9.1	10.6	12.2	13.7	16.7	19.0	22.0
0.0	37.5°	3.0	4.6	6.1	7.6	9.1	10.6	12.2	15.2	18.2	20.5
0.0	40°	2.3	3.8	4.6	6.1	8.4	9.9	11.4	14.4	17.5	20.5
0.0	42.5°	1.5	2.3	3.0	5.3	6.8	9.1	11.4	14.4	17.5	20.5
0.0	45°	1.5	1.5	2.3	4.6	6.8	9.9	12.2	15.2	17.5	20.5
0.0	47.5°	1.5	2.3	3.0	6.1	7.6	9.9	12.2	14.4	17.5	19.8
0.0	50°	2.3	3.0	3.8	6.8	8.4	10.6	12.2	15.2	17.5	20.5
0.0	52.5°	1.5	2.3	3.0	6.1	8.4	11.4	13.7	16.7	19.8	22.0
0.0	55°	0.8	0.8	0.8	4.6	9.1	12.9	17.5	19.8	22.8	25.1
0.0	57.5°	0.0	0.0	0.0	3.0	9.1	14.4	19.8	22.8	25.8	28.1
0.0	60°	0.0	0.0	0.0	3.0	9.1	14.4	19.8	23.6	27.4	31.2
0.0	62.5°	0.0	0.0	0.0	3.0	7.6	12.2	16.7	22.8	29.6	35.7
0.0	65°	0.0	0.0	0.0	2.3	6.1	9.9	13.7	22.8	31.9	40.3
0.0	67.5°	0.0	0.0	0.0	2.3	6.1	9.1	12.9	22.8	31.9	41.8
	70°	0.0	0.0	0.0	2.3	6.1	9.9	13.7	22.8	31.9	41.0
	72.5°	0.0	0.0	0.0	2.3	6.8	10.6	15.2	22.8	30.4	38.0
	75°	0.0	0.0	0.0	3.0	6.8	11.4	16.0	22.8	29.6	35.7
	77.5°	0.0	0.0	0.0	2.3	6.8	10.6	15.2	22.0	28.9	35.0
	80°	2.3	1.5	1.5	3.8	6.8	9.9	12.9	19.8	27.4	34.2
	82.5°	4.6	4.6	3.8	5.3	6.8	9.1	11.4	17.5	24.3	30.4
	85°	9.1	9.1	8.4	9.1	9.1	9.9	10.6	13.7	16.7	19.8
	87.5°	12.2	12.2	11.4	11.4	11.4	10.6	10.6	10.6	10.6	9.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049037

CATALOG NUMBER: GALN-SA3A-750-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
44.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.2											
45.6											
42.6											
41.8											
41.0											
36.5											
22.8											
9.9											
0.0											
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REPORT NUMBER: P1049037

CATALOG NUMBER: GALN-SA3A-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°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
0.0	2.5°	53.2	54.0	54.0	54.7	55.5	56.2	56.2	57.0	57.0	57.0
0.0	5°	52.4	54.0	54.7	55.5	56.2	57.0	57.8	58.5	59.3	59.3
0.0	7.5°	51.7	52.4	54.0	54.7	56.2	57.0	58.5	59.3	60.0	60.8
0.0	10°	50.2	51.7	53.2	54.7	56.2	57.8	59.3	60.8	62.3	63.1
0.0	12.5°	48.6	50.9	52.4	54.0	56.2	58.5	60.0	62.3	63.8	65.3
0.0	15°	47.9	49.4	51.7	53.2	56.2	59.3	61.6	64.6	67.6	69.9
0.0	17.5°	45.6	48.6	50.9	53.2	56.2	60.0	63.1	66.1	70.7	75.2
0.0	20°	42.6	44.8	47.9	50.2	54.7	58.5	63.1	66.9	73.7	80.5
0.0	22.5°	39.5	42.6	44.8	47.9	53.2	57.8	63.1	67.6	79.0	89.7
0.0	25°	36.5	40.3	43.3	46.4	52.4	58.5	64.6	70.7	89.7	108.7
0.0	27.5°	35.0	38.0	41.8	44.8	52.4	60.8	68.4	76.0	106.4	136.0
0.0	30°	32.7	36.5	39.5	43.3	53.2	63.1	72.9	82.8	129.2	175.5
0.0	32.5°	30.4	34.2	38.0	41.8	54.7	67.6	79.8	92.7	153.5	213.5
0.0	35°	28.1	32.7	36.5	40.3	57.0	74.5	91.2	107.9	175.5	242.4
0.0	37.5°	27.4	31.9	35.7	39.5	57.8	75.2	93.5	110.9	177.8	244.7
0.0	40°	28.1	31.9	36.5	40.3	55.5	70.7	85.1	100.3	170.2	239.4
0.0	42.5°	28.1	32.7	37.2	41.8	54.0	66.1	78.3	90.4	167.9	245.4
0.0	45°	27.4	31.9	36.5	41.0	52.4	63.1	74.5	85.1	181.6	277.4
0.0	47.5°	26.6	31.2	35.7	40.3	51.7	63.1	74.5	85.9	234.8	383.0
0.0	50°	26.6	31.2	35.0	38.8	52.4	66.9	80.5	94.2	341.9	588.9
0.0	52.5°	28.1	31.9	35.0	38.0	54.0	70.7	86.6	102.6	434.7	766.0
0.0	55°	30.4	32.7	35.7	38.0	57.8	76.7	96.5	115.5	462.8	810.0
0.0	57.5°	33.4	35.7	38.0	40.3	64.6	88.9	112.5	136.8	465.0	792.6
0.0	60°	37.2	40.3	42.6	44.8	70.7	97.3	123.1	148.9	421.0	692.3
0.0	62.5°	45.6	49.4	52.4	56.2	81.3	105.6	130.7	155.0	349.5	544.1
0.0	65°	52.4	55.5	58.5	61.6	85.9	110.9	135.3	159.6	296.4	433.1
0.0	67.5°	54.0	57.0	59.3	62.3	87.4	112.5	136.8	161.9	253.8	345.0
	70°	54.7	58.5	63.1	66.9	92.7	118.5	143.6	169.5	224.9	280.4
	72.5°	52.4	60.0	66.9	73.7	98.0	121.6	145.9	169.5	209.0	248.5
	75°	52.4	63.1	72.9	82.8	101.1	118.5	136.8	154.3	184.7	215.0
	77.5°	55.5	69.1	82.8	96.5	107.1	117.0	127.7	137.5	157.3	177.1
	80°	55.5	69.9	83.6	98.0	102.6	107.9	112.5	117.0	119.3	121.6
	82.5°	47.9	59.3	70.7	82.1	76.7	71.4	66.1	60.8	57.0	52.4
	85°	24.3	26.6	28.1	29.6	27.4	25.1	22.8	20.5	19.0	16.7
	87.5°	9.9	9.9	9.1	9.1	9.1	9.1	8.4	8.4	8.4	8.4
	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: P1049037

CATALOG NUMBER: GALN-SA3A-750-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
44.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
224.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
304.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
432.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
471.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
509.9	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
585.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
737.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1124.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1722.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2168.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2218.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1711.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1337.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1010.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
746.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
528.1											
392.9											
285.7											
215.0											
120.8											
54.7											
16.0											
7.6											
0.0											
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REPORT NUMBER: P1049037

CATALOG NUMBER: GALN-SA3A-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°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
0.0	2.5°	57.0	56.2	56.2	55.5	54.7	54.0	53.2	52.4	51.7	50.9
0.0	5°	59.3	59.3	59.3	58.5	58.5	57.8	57.8	57.0	56.2	55.5
0.0	7.5°	61.6	62.3	62.3	63.1	63.1	63.1	63.1	62.3	62.3	62.3
0.0	10°	65.3	66.1	66.9	67.6	68.4	69.1	69.1	69.9	69.9	69.9
0.0	12.5°	69.9	72.2	73.7	76.0	77.5	79.8	81.3	83.6	85.1	86.6
0.0	15°	76.7	80.5	85.1	88.9	92.7	98.0	104.1	109.4	114.7	123.1
0.0	17.5°	86.6	98.8	110.9	122.3	134.5	161.1	187.7	213.5	240.1	278.9
0.0	20°	105.6	142.1	177.8	214.3	250.0	343.5	436.2	529.6	622.3	721.9
0.0	22.5°	148.2	237.8	327.5	417.2	506.8	702.1	896.7	1092.0	1286.5	1515.2
0.0	25°	215.0	379.9	544.8	709.0	873.9	1179.3	1485.6	1791.0	2096.5	2393.6
0.0	27.5°	313.1	565.4	817.6	1069.2	1321.4	1735.6	2150.5	2564.6	2978.7	3314.6
0.0	30°	433.9	775.8	1117.8	1459.7	1801.7	2272.8	2743.9	3214.3	3685.4	4052.5
0.0	32.5°	547.9	966.6	1385.3	1803.2	2221.9	2758.4	3295.6	3832.1	4368.6	4769.8
0.0	35°	622.3	1128.4	1635.3	2141.3	2647.4	3228.0	3808.5	4388.3	4968.9	5427.1
0.0	37.5°	696.8	1281.2	1864.8	2449.1	3032.7	3670.2	4307.8	4945.3	5582.9	6149.0
0.0	40°	780.4	1465.8	2150.5	2835.9	3520.5	4275.9	5030.4	5785.7	6540.3	7338.9
0.0	42.5°	925.5	1772.0	2619.3	3465.8	4312.3	5311.6	6310.8	7309.3	8308.6	9448.4
0.0	45°	1198.3	2391.3	3585.1	4778.1	5971.2	7294.9	8619.3	9943.1	11266.8	12783.5
0.0	47.5°	1866.3	3507.6	5148.2	6789.5	8430.1	9859.5	11288.0	12717.4	14146.0	15656.6
0.0	50°	2855.6	4766.0	6676.3	8585.9	10496.3	11789.6	13082.1	14375.4	15668.0	17104.9
0.0	52.5°	3571.4	5561.6	7552.5	9542.6	11532.7	12699.9	13867.8	15035.0	16202.2	17544.9
0.0	55°	3625.4	5604.1	7583.6	9562.4	11541.1	12713.6	13886.1	15058.6	16231.1	17654.3
0.0	57.5°	3209.7	5172.5	7134.5	9097.3	11059.3	12394.4	13728.8	15063.9	16398.3	17937.0
0.0	60°	2730.3	4693.8	6656.6	8620.1	10582.9	12120.9	13659.6	15197.6	16735.6	18177.1
0.0	62.5°	2129.9	4149.7	6170.2	8190.0	10209.8	11771.3	13332.9	14893.7	16455.2	17536.6
0.0	65°	1587.4	3548.6	5509.9	7470.4	9431.7	10682.4	11933.2	13183.2	14434.0	15103.4
0.0	67.5°	1147.4	2838.9	4529.7	6221.2	7911.9	8807.0	9702.2	10596.6	11491.7	12003.9
	70°	775.8	1947.6	3118.6	4290.3	5461.3	6196.8	6933.2	7668.7	8404.3	9095.8
	72.5°	537.2	1195.3	1854.1	2512.2	3170.2	3910.4	4649.7	5389.8	6129.2	6861.0
	75°	356.4	655.8	955.9	1255.3	1554.7	2102.6	2651.2	3199.1	3747.0	4183.2
	77.5°	253.0	342.7	433.1	522.8	612.5	715.0	818.4	921.0	1023.6	1179.3
	80°	120.1	131.5	142.9	153.5	164.9	202.1	239.4	276.6	313.8	353.3
	82.5°	57.0	61.6	66.1	69.9	74.5	78.3	82.1	85.9	89.7	85.9
	85°	15.2	15.2	16.0	16.0	16.0	16.0	16.0	16.0	16.0	15.2
	87.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.1	6.1	5.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049037

CATALOG NUMBER: GALN-SA3A-750-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
44.1	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
316.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
822.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1743.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2690.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3650.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4420.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5171.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5885.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6715.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8137.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10588.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14300.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17167.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18541.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18887.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19078.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19475.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19617.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18618.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15773.6	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12516.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9786.5											
7592.7											
4619.3											
1335.1											
392.9											
81.3											
14.4											
5.3											
0.0											
0.0											
0.0											
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0.0											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1049037

CATALOG NUMBER: GALN-SA3A-750-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
0.0	2.5°	49.4	48.6	47.9	47.1	46.4	44.8	44.8	44.1	44.1
0.0	5°	54.0	53.2	52.4	51.7	51.7	50.9	50.2	50.2	49.4
0.0	7.5°	61.6	60.8	60.0	59.3	59.3	58.5	58.5	57.8	57.8
0.0	10°	70.7	70.7	70.7	70.7	70.7	69.9	69.9	69.9	69.1
0.0	12.5°	88.9	89.7	91.2	92.7	95.0	95.0	95.0	94.2	94.2
0.0	15°	140.6	148.9	155.0	161.1	166.4	178.6	177.1	174.8	173.3
0.0	17.5°	355.6	393.6	414.1	433.9	454.4	510.6	501.5	492.4	484.0
0.0	20°	921.7	1021.3	1087.4	1153.5	1220.4	1326.0	1300.2	1274.3	1248.5
0.0	22.5°	1971.9	2200.6	2300.2	2399.7	2498.5	2626.2	2543.3	2460.5	2378.4
0.0	25°	2987.1	3284.2	3452.1	3620.1	3787.3	3860.2	3752.3	3643.6	3535.7
0.0	27.5°	3986.3	4322.2	4470.4	4617.8	4766.0	4918.7	4785.0	4650.5	4516.7
0.0	30°	4787.3	5154.3	5314.6	5474.2	5634.5	5740.9	5602.6	5463.6	5325.3
0.0	32.5°	5573.0	5974.2	6149.7	6325.3	6500.0	6652.8	6482.6	6311.6	6141.4
0.0	35°	6342.7	6800.9	7042.6	7284.2	7525.9	7668.0	7465.8	7263.0	7060.8
0.0	37.5°	7282.0	7848.1	8118.6	8389.1	8659.6	8918.7	8696.1	8472.7	8250.0
0.0	40°	8936.2	9734.8	10149.7	10565.4	10980.3	11314.6	11033.5	10752.3	10471.2
0.0	42.5°	11728.0	12867.8	13464.4	14060.1	14656.6	15178.6	14883.1	14587.5	14291.9
0.0	45°	15816.9	17333.7	18060.9	18787.3	19514.5	19896.0	19470.5	19044.2	18618.6
0.0	47.5°	18677.1	20187.8	20835.2	21482.6	22130.0	22565.5	22044.9	21524.4	21004.7
0.0	50°	19978.1	21415.0	22064.7	22713.6	23363.3	23709.1	23108.0	22506.2	21905.1
0.0	52.5°	20229.6	21572.3	22347.4	23123.2	23898.3	24360.3	23650.6	22940.1	22230.4
0.0	55°	20501.6	21924.9	22823.8	23723.5	24622.5	25262.3	24459.8	23656.6	22854.2
0.0	57.5°	21013.8	22552.5	23449.2	24345.1	25241.8	25785.1	24980.4	24174.9	23370.2
0.0	60°	21059.4	22500.1	23270.6	24041.9	24812.4	25154.4	24384.6	23614.1	22844.3
0.0	62.5°	19699.9	20781.3	21316.2	21851.2	22386.1	22757.7	21954.5	21150.6	20347.4
0.0	65°	16443.1	17112.5	17538.8	17965.1	18391.4	18834.4	18098.9	17363.3	16627.7
0.0	67.5°	13028.9	13541.1	14102.7	14664.2	15225.8	15699.2	15110.3	14520.6	13931.7
	70°	10478.0	11168.7	11800.2	12431.7	13063.1	13450.7	12859.5	12267.5	11676.3
	72.5°	8324.5	9056.3	9583.6	10110.2	10637.6	10732.6	10297.9	9863.3	9429.4
	75°	5054.7	5490.9	5501.5	5511.4	5522.1	5612.5	5252.3	4892.1	4532.7
	77.5°	1490.9	1646.7	1775.1	1902.7	2031.2	2186.2	2054.0	1921.0	1788.8
	80°	431.6	471.1	504.6	537.2	570.7	550.9	519.8	488.6	457.4
	82.5°	77.5	72.9	72.2	71.4	71.4	67.6	61.6	55.5	49.4
	85°	13.7	12.9	12.2	11.4	10.6	9.9	8.4	7.6	6.1
	87.5°	4.6	3.8	3.0	2.3	2.3	0.8	0.8	0.8	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049037

CATALOG NUMBER: GALN-SA3A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049037

CATALOG NUMBER: GALN-SA3A-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°	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
0.0	0.0	2.5°	43.3	42.6	42.6	42.6	42.6	41.8	41.8	41.8	41.8
0.0	0.0	5°	47.9	47.9	47.1	47.1	46.4	46.4	45.6	45.6	44.8
0.0	0.0	7.5°	56.2	55.5	54.7	54.0	53.2	51.7	50.9	50.2	50.2
0.0	0.0	10°	67.6	66.1	65.3	63.8	63.1	61.6	60.0	58.5	57.0
0.0	0.0	12.5°	88.9	85.9	83.6	80.5	77.5	75.2	72.2	69.9	66.9
0.0	0.0	15°	154.3	146.7	138.3	128.4	117.8	107.9	97.3	91.2	84.3
0.0	0.0	17.5°	394.4	354.9	314.6	281.9	249.2	217.3	184.7	161.1	137.5
0.0	0.0	20°	1003.8	894.4	785.0	677.1	568.4	460.5	351.8	297.1	242.4
0.0	0.0	22.5°	1889.1	1686.2	1482.5	1285.7	1088.2	891.3	694.5	570.7	447.6
0.0	0.0	25°	2915.7	2660.3	2405.0	2081.3	1756.8	1433.1	1109.4	908.1	706.7
0.0	0.0	27.5°	3794.1	3500.0	3205.9	2812.3	2418.7	2025.1	1631.5	1331.3	1031.9
0.0	0.0	30°	4554.7	4238.6	3922.5	3464.3	3006.1	2547.9	2089.7	1714.3	1338.9
0.0	0.0	32.5°	5214.3	4835.9	4457.5	3984.8	3512.2	3039.5	2566.9	2106.4	1645.9
0.0	0.0	35°	5975.0	5533.5	5091.2	4566.9	4041.8	3517.5	2993.2	2473.4	1952.9
0.0	0.0	37.5°	6941.5	6399.7	5857.2	5272.8	4688.5	4104.9	3520.5	2926.3	2332.1
0.0	0.0	40°	8791.8	8092.7	7393.7	6651.2	5908.1	5165.7	4423.3	3693.8	2964.3
0.0	0.0	42.5°	12107.2	11162.7	10218.1	9230.3	8241.7	7253.8	6265.2	5236.3	4206.7
0.0	0.0	45°	15848.9	14677.1	13504.6	12396.0	11286.5	10177.9	9069.2	7657.3	6245.5
0.0	0.0	47.5°	17953.0	16687.8	15422.6	14373.2	13323.8	12274.4	11225.0	9702.9	8180.9
0.0	0.0	50°	18727.3	17439.3	16151.3	15185.5	14218.9	13253.1	12286.5	10762.2	9237.1
0.0	0.0	52.5°	18892.2	17578.4	16264.5	15292.6	14320.7	13349.6	12377.7	10863.3	9348.8
0.0	0.0	55°	19231.1	17821.5	16411.2	15303.3	14195.4	13087.4	11979.5	10440.8	8902.0
0.0	0.0	57.5°	19674.1	18228.8	16783.5	15521.4	14259.2	12997.8	11735.6	10053.2	8370.9
0.0	0.0	60°	19557.8	18300.2	17041.9	15690.0	14337.5	12985.6	11633.0	9782.7	7931.6
0.0	0.0	62.5°	17539.6	16538.1	15535.8	14424.1	13311.6	12199.9	11088.2	9183.2	7278.2
0.0	0.0	65°	14429.4	13698.4	12967.4	12073.0	11177.9	10283.5	9389.1	7680.9	5973.4
0.0	0.0	67.5°	11694.6	10870.9	10046.4	9333.6	8620.1	7907.3	7193.8	5849.6	4505.3
		70°	9291.1	8395.2	7498.5	6802.5	6105.7	5409.6	4713.5	3819.9	2927.1
		72.5°	7378.5	6570.7	5762.9	5020.5	4277.4	3535.0	2791.8	2263.7	1735.6
		75°	3526.6	3203.7	2880.7	2492.4	2104.1	1715.8	1327.5	1097.3	867.8
		77.5°	1307.0	1133.0	958.2	800.2	642.1	484.8	326.7	299.4	272.0
		80°	338.1	294.8	250.8	219.6	187.7	156.5	125.4	113.2	101.8
		82.5°	38.8	35.7	33.4	31.9	29.6	28.1	25.8	23.6	21.3
		85°	2.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049037

CATALOG NUMBER: GALN-SA3A-750-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049037

CATALOG NUMBER: GALN-SA3A-750-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	44.1	44.1
0.0	0.0	2.5°	41.0	40.3
0.0	0.0	5°	43.3	42.6
0.0	0.0	7.5°	47.9	46.4
0.0	0.0	10°	52.4	50.9
0.0	0.0	12.5°	59.3	57.0
0.0	0.0	15°	66.9	62.3
0.0	0.0	17.5°	79.8	69.9
0.0	0.0	20°	107.9	82.8
0.0	0.0	22.5°	152.0	103.3
0.0	0.0	25°	223.4	142.9
0.0	0.0	27.5°	310.8	190.0
0.0	0.0	30°	413.4	237.8
0.0	0.0	32.5°	503.8	283.4
0.0	0.0	35°	621.6	329.8
0.0	0.0	37.5°	766.7	389.1
0.0	0.0	40°	991.6	478.7
0.0	0.0	42.5°	1396.7	644.4
0.0	0.0	45°	2268.2	1114.0
0.0	0.0	47.5°	3490.1	1842.7
0.0	0.0	50°	4269.8	2351.8
0.0	0.0	52.5°	4333.6	2348.0
0.0	0.0	55°	3955.9	2087.4
0.0	0.0	57.5°	3375.4	1744.7
0.0	0.0	60°	2805.5	1379.9
0.0	0.0	62.5°	2210.5	952.9
0.0	0.0	65°	1615.5	674.0
0.0	0.0	67.5°	1160.3	503.8
		70°	762.9	386.0
		72.5°	497.0	314.6
		75°	334.3	260.6
		77.5°	195.3	173.3
		80°	69.1	60.8
		82.5°	12.9	9.1
		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: P1049037

CATALOG NUMBER: GALN-SA3A-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

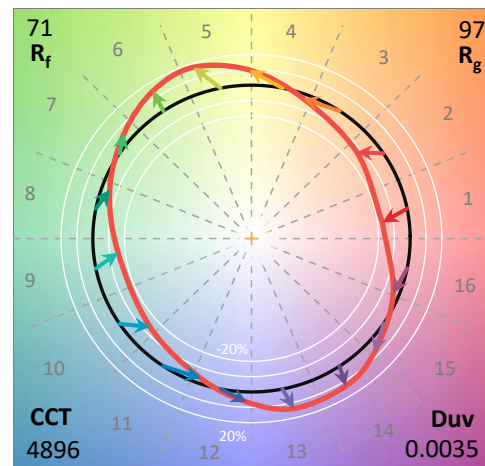
Data in this report applies to families of products including GSS-SB1A-750-U-5WQ

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

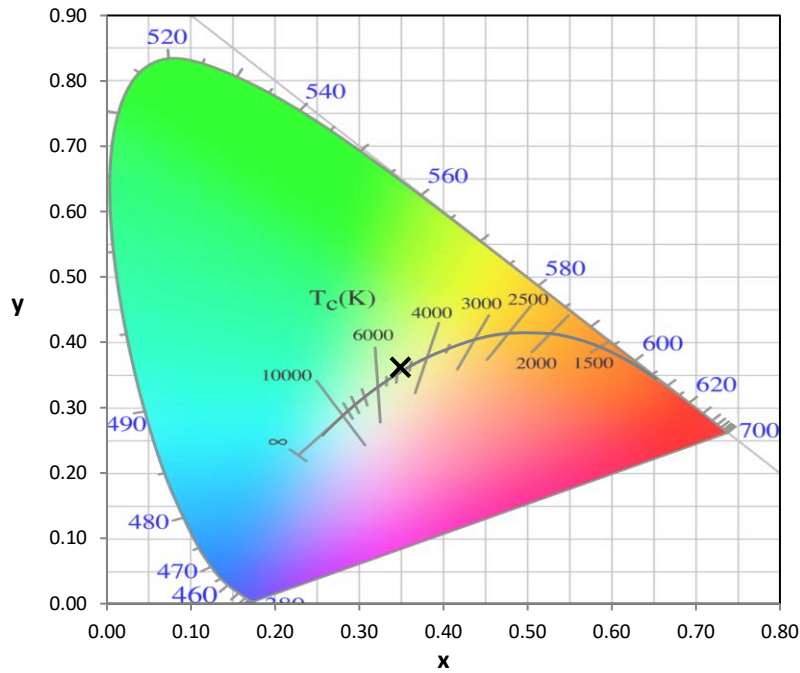
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-6

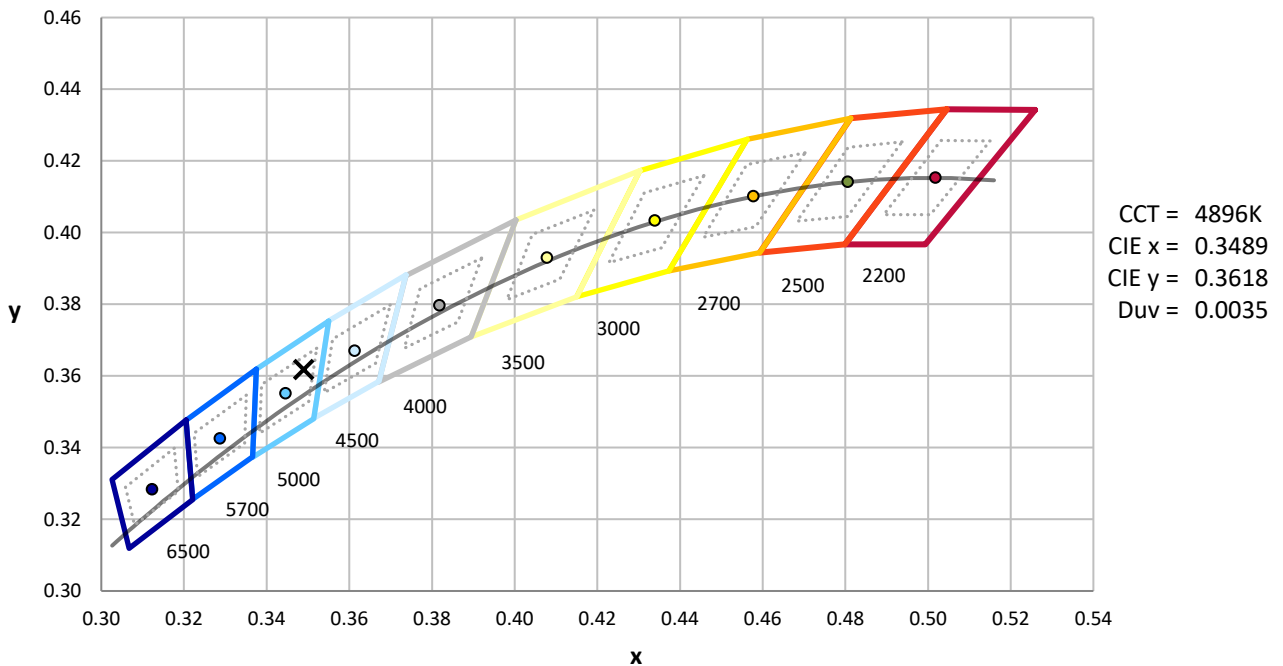
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

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CIE 1931 Chromaticity Diagram



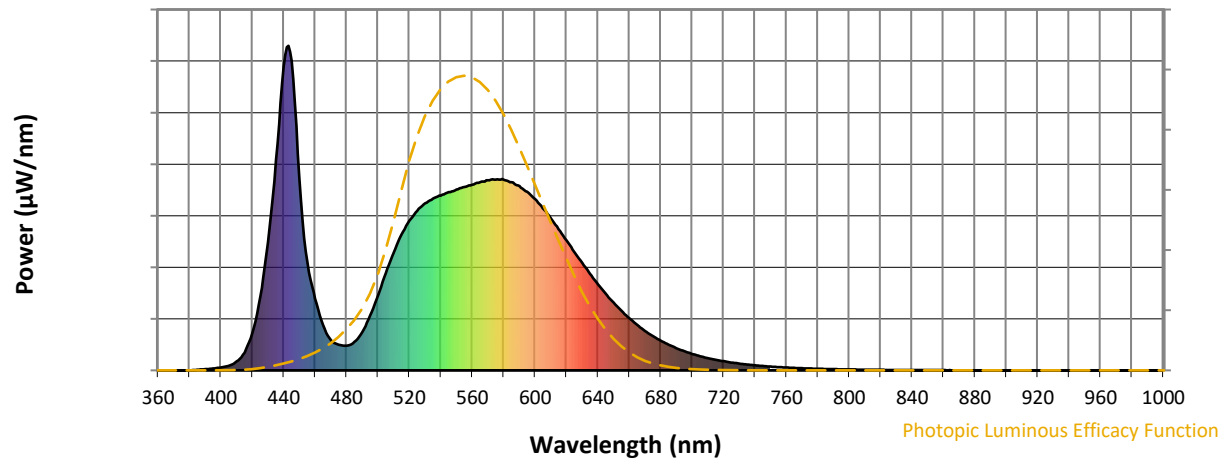
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

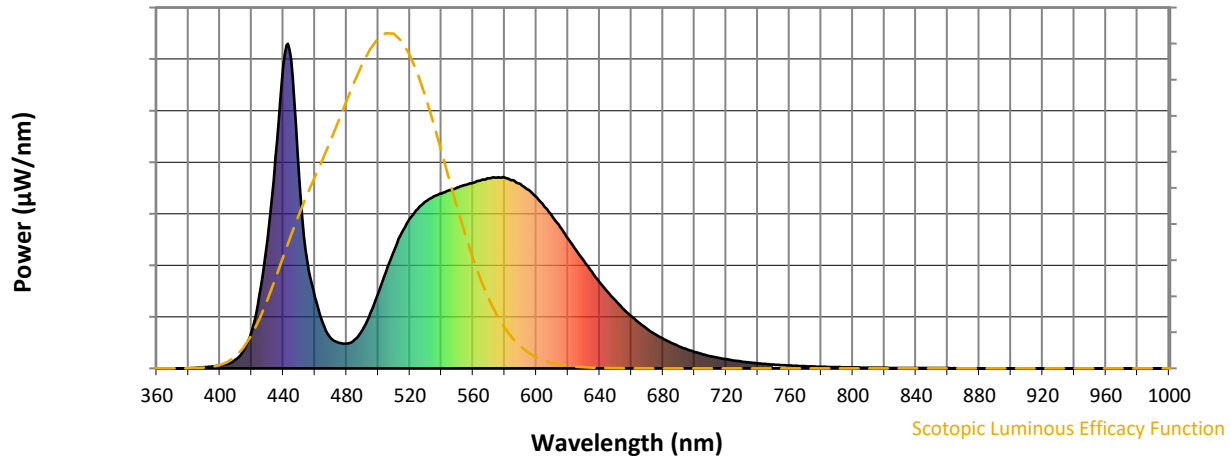


Photopic Lumens: NR

λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	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			

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Scotopic Flux vs. Wavelength



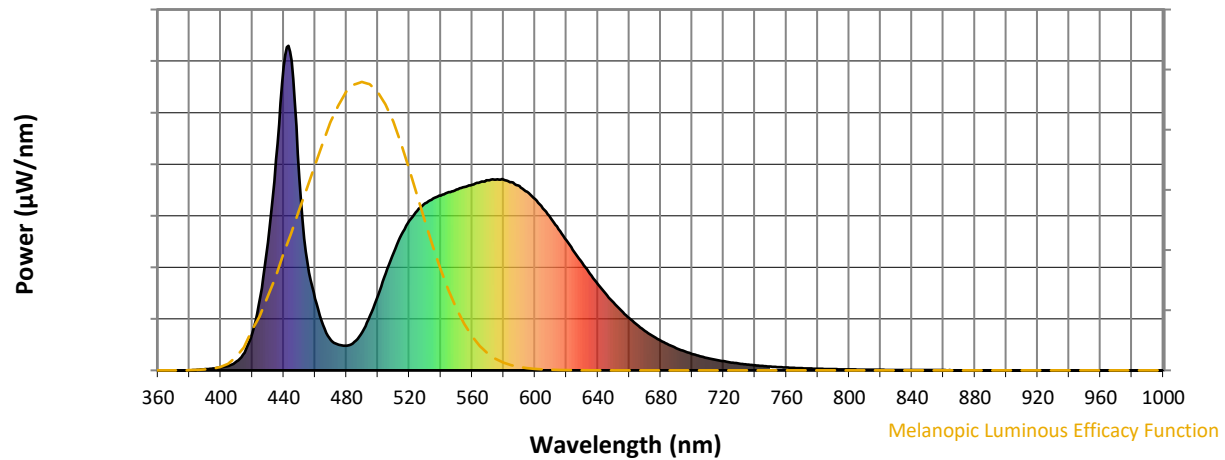
Scotopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.37

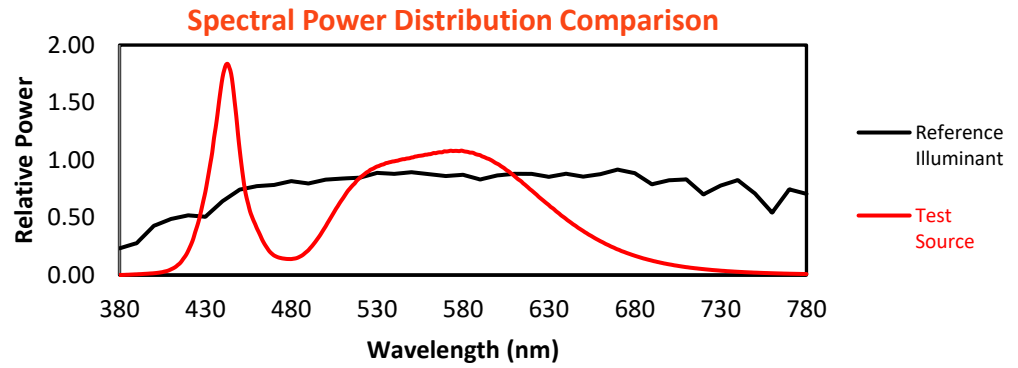
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	118	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			

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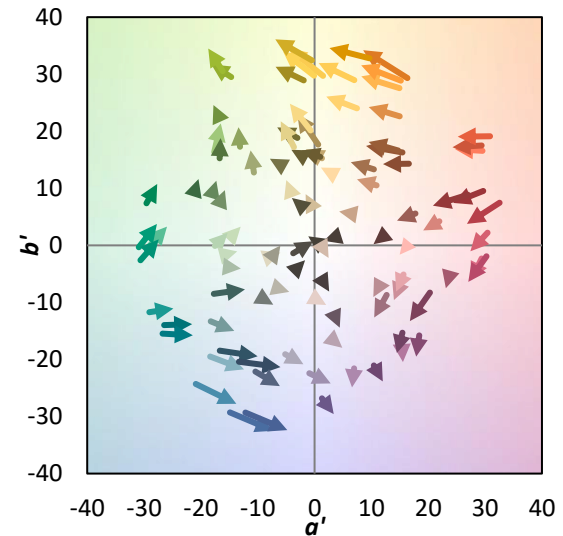
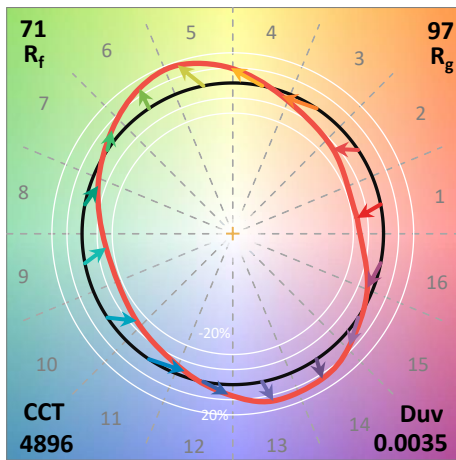
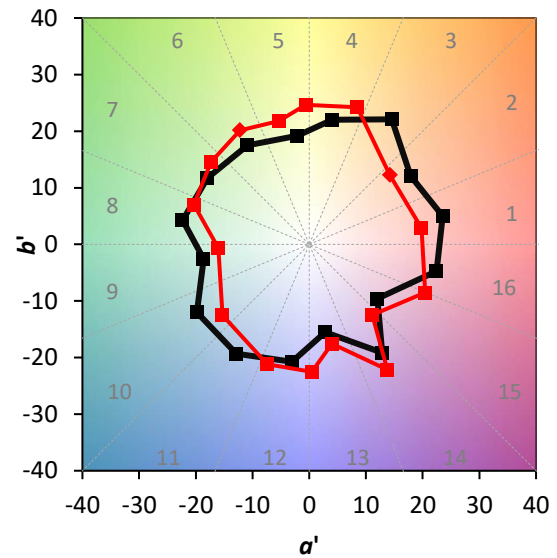
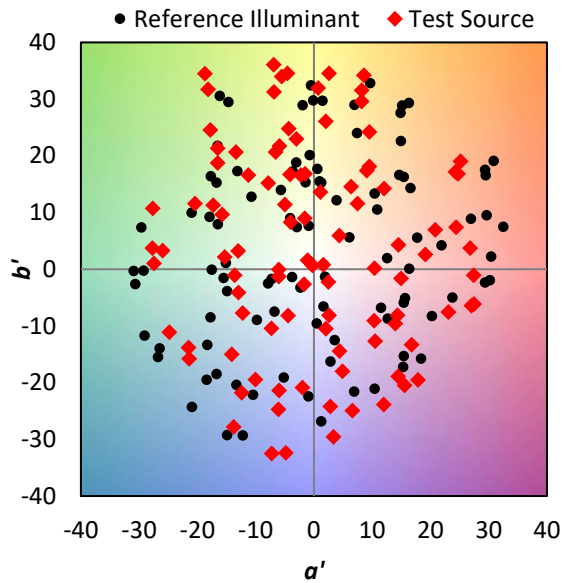
TM-30-18

Summary

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

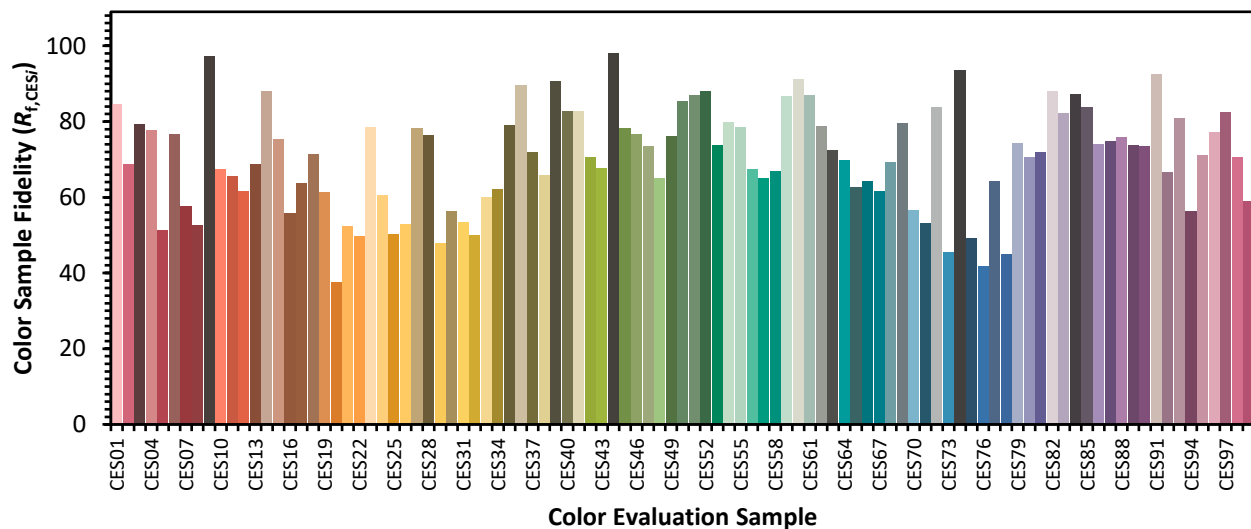


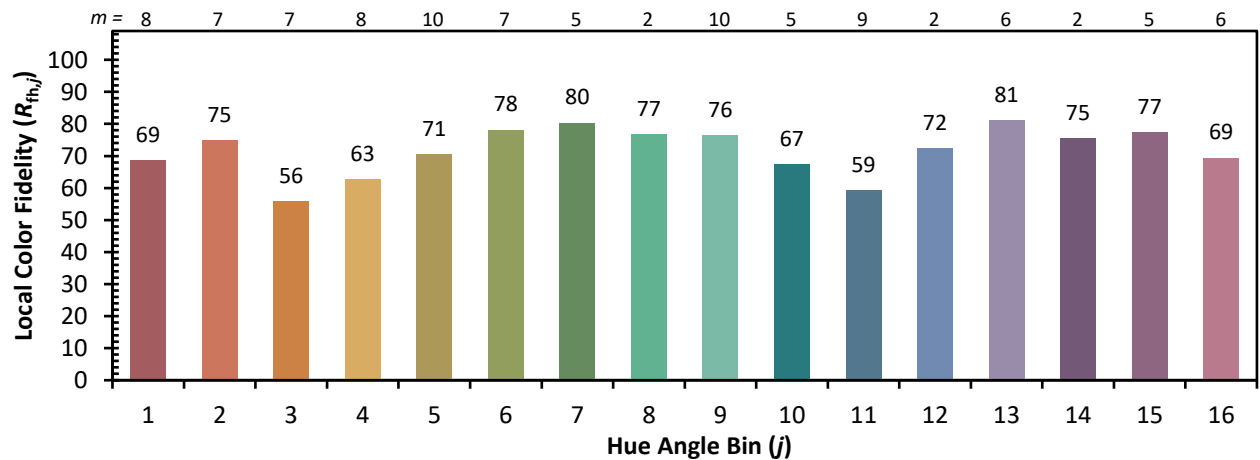
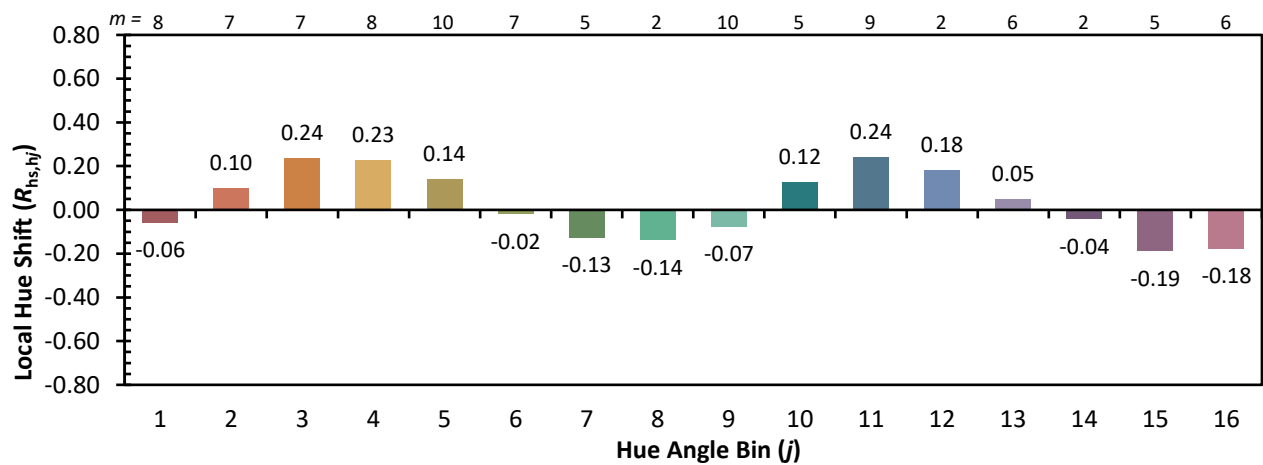
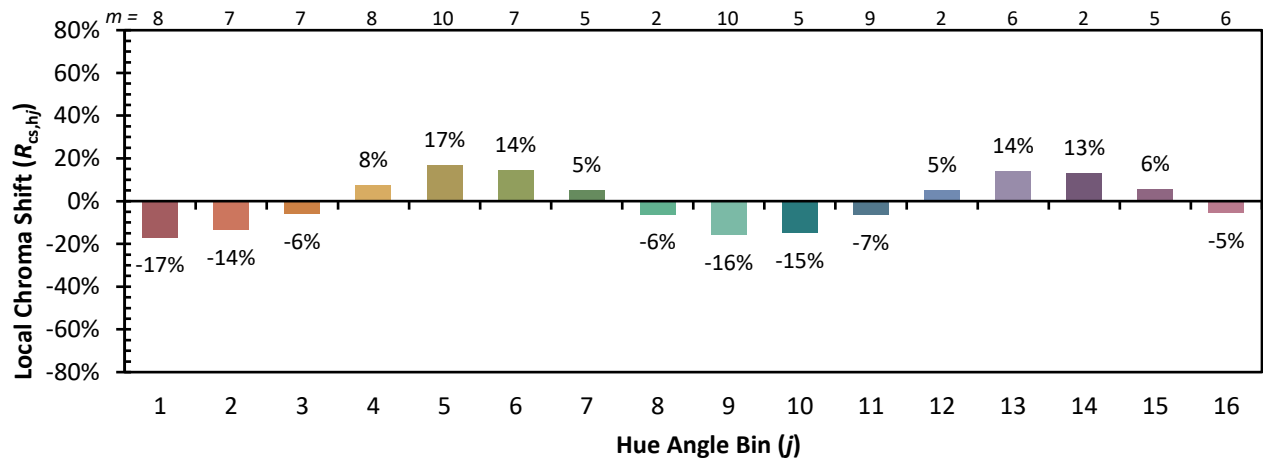
Color Vector Graphics



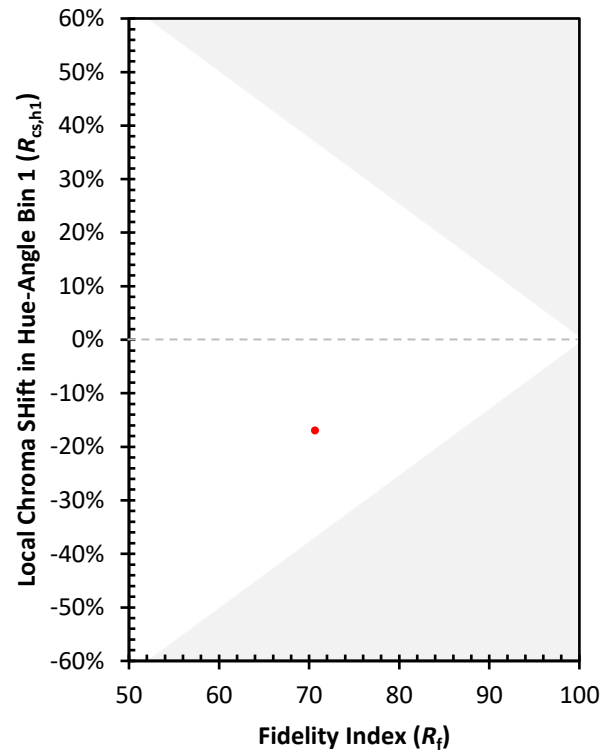
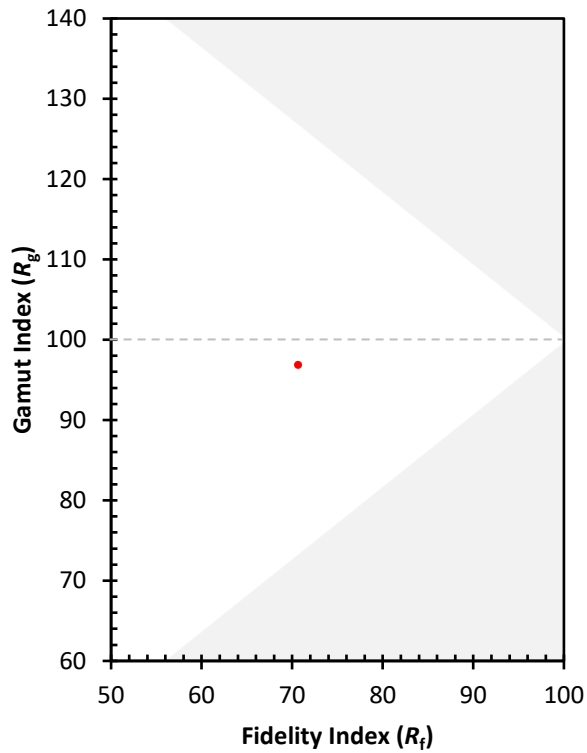
Individual Sample Fidelity Index ($R_{f,i}$)

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)