

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: P1048853

Luminaire Tested: **GALN-SA2A-740-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1048853
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2A-740-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 2xLight Square PACKAGE
70CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6672.9 lumens
Efficiency: N/A
Efficacy: 119.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

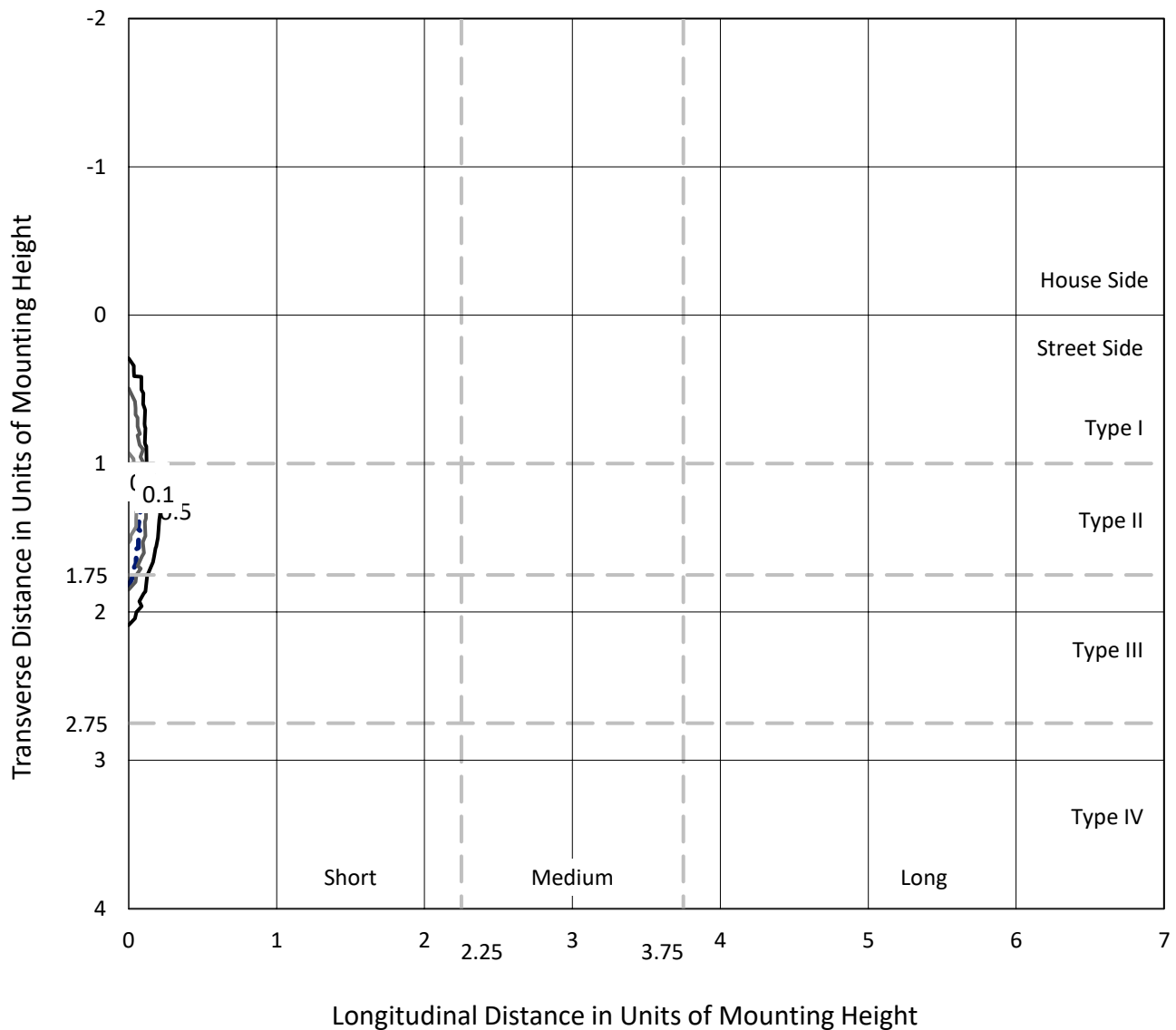
Input Watts (W): 55.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

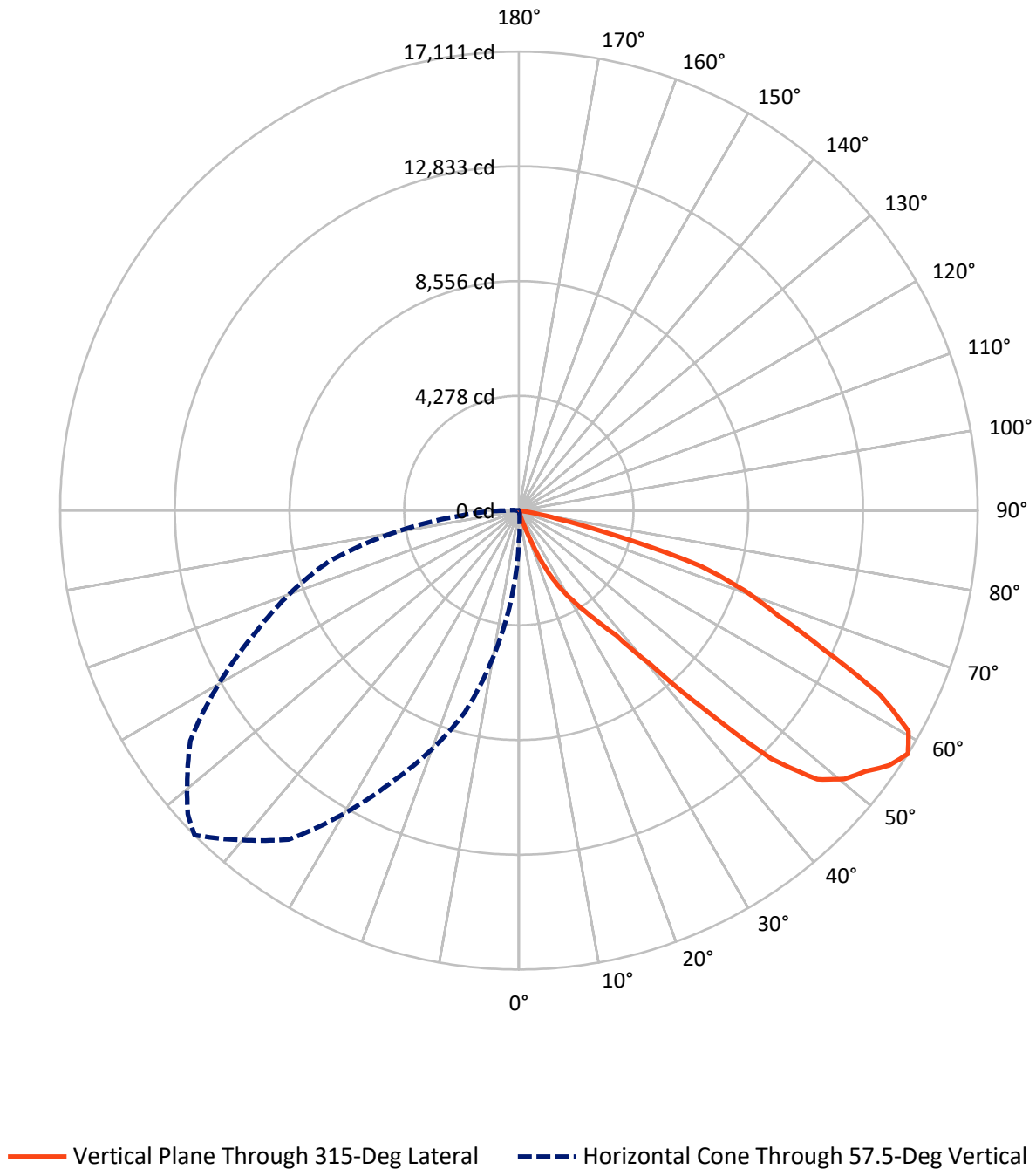
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1 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	33.4	0.0	33.4
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	6639.4	0.0	6639.4
	% Fixture	99.5	0.0	99.5
Total	Lumens	6672.9	0.0	6672.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.6	0.0
10°-20°	14.7	0.2
20°-30°	158.1	2.4
30°-40°	467.6	7.0
40°-50°	1393.7	20.9
50°-60°	2209.9	33.1
60°-70°	1844.7	27.6
70°-80°	568.8	8.5
80°-90°	12.6	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°	6672.9	100.0
0°-180°	6672.9	100.0



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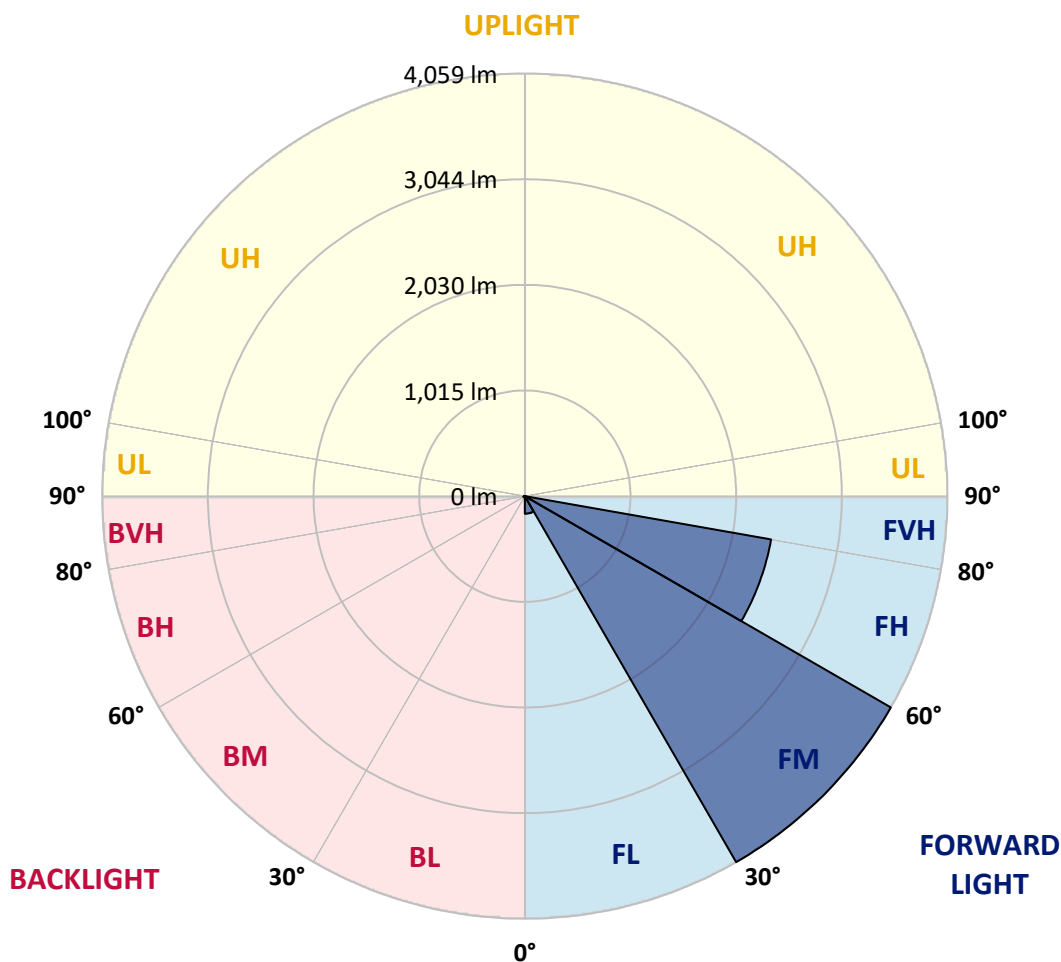
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	169.3	2.5			
FM	(30°-60°)	4059.3	60.8			
FH	(60°-80°)	2401.1	36.0			G2/5000
FVH	(80°-90°)	9.8	0.1			G0/10
BL	(0°-30°)	6.1	0.1	B0/110		
BM	(30°-60°)	11.9	0.2	B0/220		
BH	(60°-80°)	12.5	0.2	B0/110		G0/110
BVH	(80°-90°)	2.9	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°	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
2.5°	26.7	26.7	26.7	26.7	26.2	26.2	25.7	25.7	25.2	25.2
5°	28.2	28.2	27.7	27.2	27.2	26.7	26.2	25.7	25.7	25.2
7.5°	30.8	30.3	29.8	29.2	28.2	27.7	26.7	26.2	25.7	24.7
10°	33.8	32.8	31.8	30.8	29.8	28.7	27.7	27.2	26.2	25.7
12.5°	37.8	36.3	34.3	32.8	31.8	30.3	29.2	28.2	26.7	25.7
15°	41.3	39.3	36.8	34.8	33.3	31.3	29.8	28.2	27.2	25.7
17.5°	46.4	42.9	38.8	36.3	34.3	31.8	29.2	27.7	26.2	24.2
20°	55.0	47.9	40.3	37.3	34.3	31.3	28.2	26.2	24.7	22.7
22.5°	68.6	56.5	44.4	39.8	35.8	31.3	27.2	25.2	23.2	21.2
25°	94.8	73.1	51.4	45.4	39.3	33.3	27.2	24.7	22.7	20.2
27.5°	126.1	93.8	61.0	52.4	44.4	35.8	27.2	24.2	21.7	18.7
30°	157.8	115.0	71.6	60.5	49.4	38.3	27.2	23.7	20.7	17.1
32.5°	188.1	134.6	80.7	67.6	54.5	40.8	27.7	23.7	19.7	15.6
35°	218.8	150.8	82.2	68.6	55.0	40.8	27.2	22.7	18.7	14.1
37.5°	258.2	168.9	79.2	65.6	52.4	38.8	25.7	21.7	17.6	13.1
40°	317.7	199.2	80.7	66.6	52.4	38.3	24.2	20.2	16.6	12.6
42.5°	427.6	257.7	87.2	71.1	55.0	38.3	22.2	18.7	15.6	12.1
45°	739.2	428.1	117.0	92.8	68.6	44.4	20.2	17.1	14.6	11.6
47.5°	1222.8	716.6	210.3	162.4	115.0	67.1	19.7	17.1	14.6	11.6
50°	1560.7	912.7	264.7	203.7	142.7	81.7	20.7	17.6	15.1	12.1
52.5°	1558.2	926.8	295.0	226.4	158.3	89.8	21.7	18.7	16.1	13.1
55°	1385.2	843.1	300.5	231.0	161.9	92.3	23.2	20.2	17.1	14.1
57.5°	1157.8	716.1	274.3	212.3	150.8	88.8	26.7	23.2	20.2	16.6
60°	915.7	564.8	213.8	168.9	124.6	79.7	35.3	30.8	26.7	22.2
62.5°	632.3	409.5	186.6	149.8	113.5	76.6	40.3	35.8	31.8	27.2
65°	447.3	308.1	168.4	137.2	106.4	75.1	43.9	38.8	34.3	29.2
67.5°	334.3	245.1	155.3	128.6	101.9	75.1	48.4	42.4	36.8	30.8
70°	256.2	201.2	145.7	124.0	102.9	81.2	59.5	50.9	42.9	34.3
72.5°	208.8	172.0	134.6	119.0	103.4	87.7	72.1	61.0	49.9	38.3
75°	173.0	147.2	121.5	108.4	95.8	82.7	69.6	59.5	49.9	39.8
77.5°	115.0	104.9	94.3	86.7	79.2	71.1	63.5	55.0	46.9	38.3
80°	40.3	38.8	37.3	40.3	43.4	46.4	49.4	43.4	37.8	31.8
82.5°	6.1	5.5	5.0	5.5	6.1	6.6	7.1	7.6	8.1	8.6
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
0.0	2.5°	24.7	24.7	24.2	24.2	24.2	23.7	23.7	23.2	23.2	23.2
0.0	5°	24.2	24.2	23.7	23.2	22.7	22.7	22.2	21.7	21.7	21.2
0.0	7.5°	23.7	23.2	22.7	22.2	21.7	21.2	20.7	20.2	20.2	19.7
0.0	10°	24.2	23.2	22.7	21.7	21.2	20.7	19.7	19.2	18.7	18.7
0.0	12.5°	23.2	22.7	21.7	20.7	20.2	19.2	18.7	17.6	17.1	17.1
0.0	15°	23.2	22.2	20.7	19.7	18.7	18.2	17.1	16.1	15.6	15.1
0.0	17.5°	21.7	20.7	19.2	18.2	17.1	16.1	15.1	14.1	13.6	13.1
0.0	20°	19.7	18.7	17.1	15.6	14.6	13.6	12.6	11.6	11.1	10.6
0.0	22.5°	17.6	16.6	15.1	13.6	12.6	11.6	10.1	9.1	8.6	7.6
0.0	25°	16.6	15.1	13.6	12.1	10.6	9.6	8.1	6.6	5.5	4.5
0.0	27.5°	14.1	12.6	11.1	9.6	8.1	6.6	5.0	3.5	2.5	2.0
0.0	30°	12.1	10.6	9.1	7.6	5.5	4.0	2.5	0.5	0.5	0.5
0.0	32.5°	10.1	8.6	6.6	5.0	4.0	2.5	1.5	0.0	0.0	0.0
0.0	35°	8.1	6.6	4.5	3.0	2.5	1.5	1.0	0.0	0.0	0.0
0.0	37.5°	7.1	5.5	3.5	1.5	1.0	1.0	0.5	0.0	0.0	0.0
0.0	40°	6.6	4.5	2.5	0.5	0.5	0.5	0.0	0.0	0.0	0.0
0.0	42.5°	6.6	4.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	6.6	4.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	6.6	4.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	7.1	5.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	8.1	6.1	4.0	2.0	1.5	1.0	0.5	0.0	0.0	0.0
0.0	55°	10.1	9.1	7.6	6.6	5.0	3.5	1.5	0.0	0.0	0.0
0.0	57.5°	13.1	13.1	12.6	12.1	9.1	6.1	3.0	0.0	0.0	0.0
0.0	60°	17.6	17.6	17.6	17.6	13.1	9.1	4.5	0.0	0.0	0.0
0.0	62.5°	21.7	20.7	19.2	18.2	13.6	9.1	4.5	0.0	0.0	0.0
0.0	65°	21.7	19.7	17.1	14.6	11.1	7.6	3.5	0.0	0.0	0.0
0.0	67.5°	20.2	16.1	11.6	7.6	5.5	4.0	2.0	0.0	0.0	0.0
	70°	20.2	14.1	8.1	2.0	1.5	1.0	0.5	0.0	0.0	0.0
	72.5°	20.2	13.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	22.2	15.1	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	22.2	15.1	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	19.7	13.1	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	6.6	4.5	2.0	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°	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
0.0	2.5°	22.7	22.7	22.7	22.2	22.2	22.2	22.2	21.7	21.7	21.7
0.0	5°	20.7	20.7	20.2	20.2	19.7	19.7	19.2	19.2	18.7	18.7
0.0	7.5°	19.2	18.7	18.7	18.2	17.6	17.6	17.1	17.1	16.6	16.1
0.0	10°	17.6	17.1	17.1	16.6	16.1	15.6	15.6	15.1	14.6	14.1
0.0	12.5°	16.1	15.6	15.1	14.6	14.1	13.6	13.6	13.1	12.6	12.1
0.0	15°	14.1	13.6	13.1	12.6	12.1	11.6	11.6	11.1	10.6	10.1
0.0	17.5°	12.1	11.6	11.6	11.1	10.6	10.1	9.6	8.6	8.1	7.6
0.0	20°	9.1	8.6	8.1	7.6	7.1	6.1	5.5	4.5	3.5	3.0
0.0	22.5°	6.1	5.0	4.5	3.5	2.5	2.0	1.5	0.5	0.0	0.0
0.0	25°	2.0	1.5	1.0	0.5	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-SA2A-740-U-RBC

[illegible]

REPORT NUMBER: P1048853

CATALOG NUMBER: GALN-SA2A-740-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
0.0	2.5°	21.2	21.2	21.2	20.7	20.7	20.7	20.7	20.7	20.7	20.7
0.0	5°	18.2	18.2	18.2	17.6	17.6	17.1	17.1	17.1	16.6	16.6
0.0	7.5°	15.6	15.1	15.1	14.6	14.6	14.1	14.1	14.1	13.6	13.6
0.0	10°	13.1	12.6	12.6	12.1	12.1	11.6	11.6	11.1	11.1	10.6
0.0	12.5°	11.6	11.1	10.6	10.1	10.1	9.6	9.1	9.1	8.6	8.1
0.0	15°	9.1	8.6	8.1	7.6	7.1	6.6	6.1	6.1	5.5	5.0
0.0	17.5°	6.1	5.0	4.5	4.0	4.0	3.5	3.0	2.5	2.0	1.5
0.0	20°	1.5	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA2A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048853

CATALOG NUMBER: GALN-SA2A-740-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°	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
0.0	2.5°	20.7	20.2	20.2	20.2	20.7	20.7	20.7	20.7	20.7	20.7
0.0	5°	16.6	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
0.0	7.5°	13.6	13.1	13.1	13.1	13.1	12.6	12.6	12.6	12.6	12.6
0.0	10°	10.6	10.1	10.1	10.1	10.1	9.6	9.6	9.6	9.6	9.6
0.0	12.5°	7.6	7.6	7.1	7.1	7.1	6.6	6.6	6.6	6.6	6.1
0.0	15°	4.5	4.0	3.5	3.5	3.5	3.0	3.0	3.0	3.0	2.5
0.0	17.5°	1.0	1.0	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA2A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1048853

CATALOG NUMBER: GALN-SA2A-740-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
0.0	2.5°	21.2	21.2	21.7	21.7	22.2	23.2	23.7	24.2	25.2	26.2
0.0	5°	16.6	17.1	17.1	17.6	18.2	18.7	19.2	19.7	20.7	21.7
0.0	7.5°	13.1	13.1	13.6	13.6	14.1	15.1	15.6	16.1	17.1	18.7
0.0	10°	10.1	10.1	10.6	10.6	11.1	12.1	12.6	13.1	14.1	15.6
0.0	12.5°	6.6	7.1	7.1	7.6	8.1	9.1	9.6	10.1	11.1	12.1
0.0	15°	3.0	3.5	3.5	4.0	4.5	5.5	6.1	6.6	7.6	9.1
0.0	17.5°	0.5	0.5	1.0	1.0	1.5	2.0	2.5	3.0	4.5	5.5
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
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: P1048853

CATALOG NUMBER: GALN-SA2A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048853

CATALOG NUMBER: GALN-SA2A-740-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°	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
0.0	2.5°	27.7	28.7	29.8	30.8	31.8	32.8	33.3	34.3	34.8	35.3
0.0	5°	23.7	24.7	26.2	27.2	28.2	29.2	30.3	30.8	31.3	31.8
0.0	7.5°	20.7	21.7	23.2	24.2	25.2	26.2	27.2	28.2	28.7	29.2
0.0	10°	17.6	19.2	20.2	21.7	22.7	23.7	24.7	25.7	26.7	27.2
0.0	12.5°	14.1	15.6	17.1	18.2	19.7	21.2	22.2	23.2	24.2	25.2
0.0	15°	11.1	12.6	14.1	15.1	16.6	18.2	19.7	20.7	21.7	22.7
0.0	17.5°	8.1	9.6	11.1	12.1	13.6	15.1	16.1	17.6	18.7	19.7
0.0	20°	4.0	5.5	7.1	8.6	10.1	11.6	12.6	14.1	15.1	16.1
0.0	22.5°	0.5	2.0	3.5	4.5	6.1	7.6	8.6	10.1	11.1	12.1
0.0	25°	0.0	0.5	1.5	2.0	2.5	3.5	4.5	5.5	6.6	7.6
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.5	1.0	2.0	3.0	4.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
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	0.5
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	1.0
	85°	0.0	0.0	0.0	0.0	0.0	1.0	1.5	2.5	3.0	3.5
	87.5°	0.0	0.5	1.0	1.5	2.0	3.0	4.0	5.0	5.5	6.1
	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: P1048853

CATALOG NUMBER: GALN-SA2A-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
29.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.1	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	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
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0.0											
0.0											
0.0											
0.5											
2.0											
4.5											
6.6											
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REPORT NUMBER: P1048853

CATALOG NUMBER: GALN-SA2A-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
0.0	2.5°	35.8	35.8	35.8	35.8	35.3	35.3	35.3	34.8	34.8	34.3
0.0	5°	32.8	33.3	33.3	33.3	33.3	33.3	33.3	33.3	32.8	32.8
0.0	7.5°	30.3	30.8	31.3	31.3	31.8	31.8	31.8	31.3	31.3	30.8
0.0	10°	28.7	29.2	29.2	29.8	29.8	29.8	29.8	29.8	29.8	29.8
0.0	12.5°	26.7	27.2	27.7	27.7	28.2	28.2	28.2	28.2	27.7	27.7
0.0	15°	24.2	25.2	25.7	26.2	26.2	26.7	26.7	26.7	26.7	26.7
0.0	17.5°	22.2	23.2	23.7	24.2	24.2	24.7	24.7	25.2	25.2	25.2
0.0	20°	18.2	19.2	19.7	20.7	21.2	21.7	22.2	22.7	22.7	23.2
0.0	22.5°	14.1	15.1	15.6	16.6	17.1	17.6	18.2	18.7	19.2	19.7
0.0	25°	10.1	11.1	11.6	12.6	13.1	13.6	14.1	14.6	14.6	15.1
0.0	27.5°	5.5	6.6	7.6	8.1	9.1	9.6	10.1	10.6	11.1	11.6
0.0	30°	2.5	3.0	3.5	4.5	5.0	5.5	6.1	7.1	7.6	8.1
0.0	32.5°	0.0	0.0	0.5	1.5	2.0	2.5	3.0	3.5	3.5	4.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.5	2.0
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°	1.0	1.0	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	82.5°	2.5	3.0	3.5	3.5	4.0	4.0	4.0	4.0	3.5	3.5
	85°	5.0	5.5	6.1	6.1	6.6	6.6	6.6	6.6	6.6	6.6
	87.5°	7.1	7.6	8.1	8.1	8.6	8.6	8.6	8.6	8.6	8.6
	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: P1048853

CATALOG NUMBER: GALN-SA2A-740-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
29.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.5	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.5											
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REPORT NUMBER: P1048853

CATALOG NUMBER: GALN-SA2A-740-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°	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
0.0	2.5°	33.8	33.8	33.3	33.3	33.3	33.3	33.3	33.8	34.3	34.3
0.0	5°	32.3	32.3	31.8	31.8	31.8	32.3	32.3	32.8	33.3	33.8
0.0	7.5°	30.8	30.3	30.3	30.8	30.8	31.3	31.3	31.8	32.3	32.8
0.0	10°	29.8	29.2	29.2	29.2	29.8	29.8	30.3	30.8	31.3	31.8
0.0	12.5°	27.7	27.7	27.7	27.7	28.2	28.2	28.7	29.2	30.3	30.8
0.0	15°	26.7	26.2	26.2	26.2	26.2	26.7	26.7	27.7	28.7	29.2
0.0	17.5°	24.7	24.7	24.2	24.2	24.7	24.7	25.2	26.2	27.2	27.7
0.0	20°	22.7	22.2	21.7	21.7	22.2	22.2	22.7	23.7	24.7	25.2
0.0	22.5°	19.7	19.2	19.2	19.2	19.2	19.7	19.7	20.7	22.2	23.2
0.0	25°	15.6	16.1	16.1	16.6	16.6	17.1	17.6	18.7	20.2	21.2
0.0	27.5°	12.1	12.6	12.6	13.6	14.1	14.6	15.1	16.6	18.2	19.2
0.0	30°	9.1	9.6	10.1	10.6	11.6	12.6	13.6	15.1	16.6	17.6
0.0	32.5°	5.5	6.6	7.1	8.1	9.1	10.1	11.1	12.6	14.6	16.1
0.0	35°	4.0	4.5	5.5	6.1	7.1	8.1	9.1	11.1	12.6	14.6
0.0	37.5°	2.0	3.0	4.0	5.0	6.1	7.1	8.1	10.1	12.1	13.6
0.0	40°	1.5	2.5	3.0	4.0	5.5	6.6	7.6	9.6	11.6	13.6
0.0	42.5°	1.0	1.5	2.0	3.5	4.5	6.1	7.6	9.6	11.6	13.6
0.0	45°	1.0	1.0	1.5	3.0	4.5	6.6	8.1	10.1	11.6	13.6
0.0	47.5°	1.0	1.5	2.0	4.0	5.0	6.6	8.1	9.6	11.6	13.1
0.0	50°	1.5	2.0	2.5	4.5	5.5	7.1	8.1	10.1	11.6	13.6
0.0	52.5°	1.0	1.5	2.0	4.0	5.5	7.6	9.1	11.1	13.1	14.6
0.0	55°	0.5	0.5	0.5	3.0	6.1	8.6	11.6	13.1	15.1	16.6
0.0	57.5°	0.0	0.0	0.0	2.0	6.1	9.6	13.1	15.1	17.1	18.7
0.0	60°	0.0	0.0	0.0	2.0	6.1	9.6	13.1	15.6	18.2	20.7
0.0	62.5°	0.0	0.0	0.0	2.0	5.0	8.1	11.1	15.1	19.7	23.7
0.0	65°	0.0	0.0	0.0	1.5	4.0	6.6	9.1	15.1	21.2	26.7
0.0	67.5°	0.0	0.0	0.0	1.5	4.0	6.1	8.6	15.1	21.2	27.7
	70°	0.0	0.0	0.0	1.5	4.0	6.6	9.1	15.1	21.2	27.2
	72.5°	0.0	0.0	0.0	1.5	4.5	7.1	10.1	15.1	20.2	25.2
	75°	0.0	0.0	0.0	2.0	4.5	7.6	10.6	15.1	19.7	23.7
	77.5°	0.0	0.0	0.0	1.5	4.5	7.1	10.1	14.6	19.2	23.2
	80°	1.5	1.0	1.0	2.5	4.5	6.6	8.6	13.1	18.2	22.7
	82.5°	3.0	3.0	2.5	3.5	4.5	6.1	7.6	11.6	16.1	20.2
	85°	6.1	6.1	5.5	6.1	6.1	6.6	7.1	9.1	11.1	13.1
	87.5°	8.1	8.1	7.6	7.6	7.6	7.1	7.1	7.1	7.1	6.6
	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: P1048853

CATALOG NUMBER: GALN-SA2A-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
29.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.3	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.6	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
15.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3											
30.3											
28.2											
27.7											
27.2											
24.2											
15.1											
6.6											
0.0											
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REPORT NUMBER: P1048853

CATALOG NUMBER: GALN-SA2A-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
0.0	2.5°	35.3	35.8	35.8	36.3	36.8	37.3	37.3	37.8	37.8	37.8
0.0	5°	34.8	35.8	36.3	36.8	37.3	37.8	38.3	38.8	39.3	39.3
0.0	7.5°	34.3	34.8	35.8	36.3	37.3	37.8	38.8	39.3	39.8	40.3
0.0	10°	33.3	34.3	35.3	36.3	37.3	38.3	39.3	40.3	41.3	41.9
0.0	12.5°	32.3	33.8	34.8	35.8	37.3	38.8	39.8	41.3	42.4	43.4
0.0	15°	31.8	32.8	34.3	35.3	37.3	39.3	40.8	42.9	44.9	46.4
0.0	17.5°	30.3	32.3	33.8	35.3	37.3	39.8	41.9	43.9	46.9	49.9
0.0	20°	28.2	29.8	31.8	33.3	36.3	38.8	41.9	44.4	48.9	53.5
0.0	22.5°	26.2	28.2	29.8	31.8	35.3	38.3	41.9	44.9	52.4	59.5
0.0	25°	24.2	26.7	28.7	30.8	34.8	38.8	42.9	46.9	59.5	72.1
0.0	27.5°	23.2	25.2	27.7	29.8	34.8	40.3	45.4	50.4	70.6	90.3
0.0	30°	21.7	24.2	26.2	28.7	35.3	41.9	48.4	55.0	85.7	116.5
0.0	32.5°	20.2	22.7	25.2	27.7	36.3	44.9	52.9	61.5	101.9	141.7
0.0	35°	18.7	21.7	24.2	26.7	37.8	49.4	60.5	71.6	116.5	160.9
0.0	37.5°	18.2	21.2	23.7	26.2	38.3	49.9	62.0	73.6	118.0	162.4
0.0	40°	18.7	21.2	24.2	26.7	36.8	46.9	56.5	66.6	113.0	158.8
0.0	42.5°	18.7	21.7	24.7	27.7	35.8	43.9	51.9	60.0	111.4	162.9
0.0	45°	18.2	21.2	24.2	27.2	34.8	41.9	49.4	56.5	120.5	184.1
0.0	47.5°	17.6	20.7	23.7	26.7	34.3	41.9	49.4	57.0	155.8	254.1
0.0	50°	17.6	20.7	23.2	25.7	34.8	44.4	53.5	62.5	226.9	390.8
0.0	52.5°	18.7	21.2	23.2	25.2	35.8	46.9	57.5	68.1	288.4	508.3
0.0	55°	20.2	21.7	23.7	25.2	38.3	50.9	64.0	76.6	307.1	537.5
0.0	57.5°	22.2	23.7	25.2	26.7	42.9	59.0	74.6	90.8	308.6	525.9
0.0	60°	24.7	26.7	28.2	29.8	46.9	64.5	81.7	98.8	279.4	459.4
0.0	62.5°	30.3	32.8	34.8	37.3	54.0	70.1	86.7	102.9	232.0	361.1
0.0	65°	34.8	36.8	38.8	40.8	57.0	73.6	89.8	105.9	196.7	287.4
0.0	67.5°	35.8	37.8	39.3	41.3	58.0	74.6	90.8	107.4	168.4	228.9
	70°	36.3	38.8	41.9	44.4	61.5	78.7	95.3	112.5	149.3	186.1
	72.5°	34.8	39.8	44.4	48.9	65.0	80.7	96.8	112.5	138.7	164.9
	75°	34.8	41.9	48.4	55.0	67.1	78.7	90.8	102.4	122.5	142.7
	77.5°	36.8	45.9	55.0	64.0	71.1	77.7	84.7	91.3	104.4	117.5
	80°	36.8	46.4	55.5	65.0	68.1	71.6	74.6	77.7	79.2	80.7
	82.5°	31.8	39.3	46.9	54.5	50.9	47.4	43.9	40.3	37.8	34.8
	85°	16.1	17.6	18.7	19.7	18.2	16.6	15.1	13.6	12.6	11.1
	87.5°	6.6	6.6	6.1	6.1	6.1	6.1	5.5	5.5	5.5	5.5
	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: P1048853

CATALOG NUMBER: GALN-SA2A-740-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
29.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
202.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
252.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
286.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
312.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
338.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
388.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
489.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
746.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1143.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1439.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1471.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1328.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1135.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
887.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
670.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
495.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
350.5											
260.7											
189.6											
142.7											
80.2											
36.3											
10.6											
5.0											
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REPORT NUMBER: P1048853

CATALOG NUMBER: GALN-SA2A-740-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°	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
0.0	2.5°	37.8	37.3	37.3	36.8	36.3	35.8	35.3	34.8	34.3	33.8
0.0	5°	39.3	39.3	39.3	38.8	38.8	38.3	38.3	37.8	37.3	36.8
0.0	7.5°	40.8	41.3	41.3	41.9	41.9	41.9	41.9	41.3	41.3	41.3
0.0	10°	43.4	43.9	44.4	44.9	45.4	45.9	45.9	46.4	46.4	46.4
0.0	12.5°	46.4	47.9	48.9	50.4	51.4	52.9	54.0	55.5	56.5	57.5
0.0	15°	50.9	53.5	56.5	59.0	61.5	65.0	69.1	72.6	76.1	81.7
0.0	17.5°	57.5	65.6	73.6	81.2	89.3	106.9	124.6	141.7	159.3	185.1
0.0	20°	70.1	94.3	118.0	142.2	165.9	227.9	289.4	351.5	413.0	479.0
0.0	22.5°	98.3	157.8	217.3	276.8	336.3	465.9	595.0	724.6	853.7	1005.5
0.0	25°	142.7	252.1	361.6	470.5	579.9	782.6	985.8	1188.5	1391.3	1588.4
0.0	27.5°	207.8	375.2	542.6	709.5	876.9	1151.7	1427.1	1701.9	1976.7	2199.6
0.0	30°	287.9	514.9	741.8	968.7	1195.6	1508.2	1820.9	2133.0	2445.7	2689.2
0.0	32.5°	363.6	641.4	919.3	1196.6	1474.5	1830.5	2187.0	2543.0	2899.0	3165.3
0.0	35°	413.0	748.8	1085.2	1421.0	1756.8	2142.1	2527.4	2912.1	3297.4	3601.4
0.0	37.5°	462.4	850.2	1237.5	1625.2	2012.5	2435.6	2858.7	3281.7	3704.8	4080.5
0.0	40°	517.9	972.7	1427.1	1881.9	2336.2	2837.5	3338.2	3839.5	4340.2	4870.2
0.0	42.5°	614.2	1175.9	1738.2	2299.9	2861.7	3524.8	4187.9	4850.5	5513.6	6270.0
0.0	45°	795.2	1586.9	2379.1	3170.8	3962.5	4840.9	5719.8	6598.3	7476.7	8483.2
0.0	47.5°	1238.5	2327.7	3416.4	4505.6	5594.3	6542.8	7490.8	8439.3	9387.3	10389.8
0.0	50°	1895.0	3162.7	4430.4	5697.7	6965.4	7823.6	8681.4	9539.6	10397.4	11350.9
0.0	52.5°	2370.0	3690.7	5011.9	6332.5	7653.2	8427.7	9202.8	9977.3	10751.9	11642.9
0.0	55°	2405.8	3718.9	5032.5	6345.6	7658.7	8436.8	9214.9	9993.0	10771.0	11715.5
0.0	57.5°	2130.0	3432.5	4734.5	6037.0	7339.0	8225.0	9110.5	9996.5	10882.0	11903.1
0.0	60°	1811.8	3114.8	4417.3	5720.3	7022.9	8043.5	9064.6	10085.2	11105.9	12062.5
0.0	62.5°	1413.4	2753.8	4094.6	5434.9	6775.3	7811.5	8847.8	9883.5	10919.8	11637.4
0.0	65°	1053.4	2354.9	3656.4	4957.4	6258.9	7088.9	7918.9	8748.4	9578.5	10022.7
0.0	67.5°	761.4	1883.9	3005.9	4128.4	5250.4	5844.4	6438.4	7031.9	7626.0	7965.8
	70°	514.9	1292.4	2069.5	2847.1	3624.1	4112.3	4600.9	5089.0	5577.1	6036.0
	72.5°	356.5	793.2	1230.4	1667.1	2103.8	2594.9	3085.6	3576.7	4067.4	4553.0
	75°	236.5	435.2	634.4	833.0	1031.7	1395.3	1759.4	2122.9	2486.5	2776.0
	77.5°	167.9	227.4	287.4	346.9	406.4	474.5	543.1	611.2	679.2	782.6
	80°	79.7	87.2	94.8	101.9	109.4	134.1	158.8	183.6	208.3	234.5
	82.5°	37.8	40.8	43.9	46.4	49.4	51.9	54.5	57.0	59.5	57.0
	85°	10.1	10.1	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.1
	87.5°	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.0	4.0	3.5
	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

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CATALOG NUMBER: GALN-SA2A-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
29.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
545.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1157.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1785.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2422.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2933.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3432.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3905.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4456.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5400.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7026.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9489.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11392.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12304.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12533.9	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12660.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12924.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13018.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12355.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10467.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8306.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6494.4											
5038.6											
3065.4											
886.0											
260.7											
54.0											
9.6											
3.5											
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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CATALOG NUMBER: GALN-SA2A-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
0.0	2.5°	32.8	32.3	31.8	31.3	30.8	29.8	29.8	29.2	29.2
0.0	5°	35.8	35.3	34.8	34.3	34.3	33.8	33.3	33.3	32.8
0.0	7.5°	40.8	40.3	39.8	39.3	39.3	38.8	38.8	38.3	38.3
0.0	10°	46.9	46.9	46.9	46.9	46.9	46.4	46.4	46.4	45.9
0.0	12.5°	59.0	59.5	60.5	61.5	63.0	63.0	63.0	62.5	62.5
0.0	15°	93.3	98.8	102.9	106.9	110.4	118.5	117.5	116.0	115.0
0.0	17.5°	236.0	261.2	274.8	287.9	301.5	338.9	332.8	326.8	321.2
0.0	20°	611.7	677.7	721.6	765.5	809.8	879.9	862.8	845.6	828.5
0.0	22.5°	1308.6	1460.3	1526.4	1592.5	1658.0	1742.7	1687.8	1632.8	1578.3
0.0	25°	1982.3	2179.4	2290.9	2402.3	2513.2	2561.7	2490.0	2417.9	2346.3
0.0	27.5°	2645.4	2868.2	2966.6	3064.4	3162.7	3264.1	3175.3	3086.1	2997.3
0.0	30°	3176.9	3420.4	3526.8	3632.7	3739.1	3809.7	3717.9	3625.6	3533.9
0.0	32.5°	3698.3	3964.5	4081.0	4197.5	4313.5	4414.8	4301.9	4188.4	4075.4
0.0	35°	4209.1	4513.1	4673.5	4833.9	4994.2	5088.5	4954.4	4819.7	4685.6
0.0	37.5°	4832.3	5208.0	5387.5	5567.1	5746.6	5918.5	5770.8	5622.5	5474.8
0.0	40°	5930.1	6460.1	6735.4	7011.3	7286.6	7508.5	7321.9	7135.3	6948.7
0.0	42.5°	7782.8	8539.2	8935.0	9330.4	9726.2	10072.6	9876.5	9680.3	9484.2
0.0	45°	10496.2	11502.7	11985.3	12467.4	12950.0	13203.1	12920.7	12637.8	12355.4
0.0	47.5°	12394.3	13396.7	13826.4	14256.0	14685.6	14974.6	14629.1	14283.7	13938.8
0.0	50°	13257.6	14211.1	14642.3	15072.9	15504.0	15733.5	15334.6	14935.2	14536.4
0.0	52.5°	13424.5	14315.5	14829.8	15344.7	15859.0	16165.6	15694.7	15223.2	14752.2
0.0	55°	13605.0	14549.5	15146.0	15743.1	16339.6	16764.2	16231.7	15698.7	15166.2
0.0	57.5°	13944.9	14966.0	15561.0	16155.5	16750.6	17111.1	16577.1	16042.6	15508.6
0.0	60°	13975.1	14931.2	15442.5	15954.3	16465.7	16692.6	16181.8	15670.4	15159.6
0.0	62.5°	13073.0	13790.6	14145.6	14500.6	14855.6	15102.1	14569.1	14035.6	13502.6
0.0	65°	10911.7	11356.0	11638.9	11921.8	12204.7	12498.6	12010.5	11522.4	11034.3
0.0	67.5°	8646.1	8986.0	9358.6	9731.2	10103.9	10418.1	10027.3	9635.9	9245.1
	70°	6953.3	7411.6	7830.7	8249.7	8668.8	8925.9	8533.6	8140.8	7748.5
	72.5°	5524.2	6009.8	6359.8	6709.2	7059.2	7122.2	6833.8	6545.3	6257.4
	75°	3354.4	3643.8	3650.9	3657.4	3664.5	3724.5	3485.5	3246.4	3007.9
	77.5°	989.4	1092.7	1178.0	1262.7	1347.9	1450.8	1363.0	1274.8	1187.0
	80°	286.4	312.6	334.8	356.5	378.7	365.6	344.9	324.2	303.6
	82.5°	51.4	48.4	47.9	47.4	47.4	44.9	40.8	36.8	32.8
	85°	9.1	8.6	8.1	7.6	7.1	6.6	5.5	5.0	4.0
	87.5°	3.0	2.5	2.0	1.5	1.5	0.5	0.5	0.5	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA2A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048853

CATALOG NUMBER: GALN-SA2A-740-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°	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
0.0	0.0	2.5°	28.7	28.2	28.2	28.2	28.2	27.7	27.7	27.7	27.7
0.0	0.0	5°	31.8	31.8	31.3	31.3	30.8	30.8	30.3	30.3	29.8
0.0	0.0	7.5°	37.3	36.8	36.3	35.8	35.3	34.3	33.8	33.3	33.3
0.0	0.0	10°	44.9	43.9	43.4	42.4	41.9	40.8	39.8	38.8	37.8
0.0	0.0	12.5°	59.0	57.0	55.5	53.5	51.4	49.9	47.9	46.4	44.4
0.0	0.0	15°	102.4	97.3	91.8	85.2	78.2	71.6	64.5	60.5	56.0
0.0	0.0	17.5°	261.7	235.5	208.8	187.1	165.4	144.2	122.5	106.9	91.3
0.0	0.0	20°	666.1	593.5	520.9	449.3	377.2	305.6	233.5	197.2	160.9
0.0	0.0	22.5°	1253.6	1119.0	983.8	853.2	722.1	591.5	460.9	378.7	297.0
0.0	0.0	25°	1934.9	1765.4	1596.0	1381.2	1165.9	951.0	736.2	602.6	469.0
0.0	0.0	27.5°	2517.8	2322.6	2127.5	1866.3	1605.1	1343.9	1082.7	883.5	684.8
0.0	0.0	30°	3022.5	2812.8	2603.0	2298.9	1994.9	1690.8	1386.7	1137.6	888.5
0.0	0.0	32.5°	3460.2	3209.1	2958.0	2644.4	2330.7	2017.0	1703.4	1397.8	1092.2
0.0	0.0	35°	3965.0	3672.0	3378.6	3030.6	2682.2	2334.2	1986.3	1641.4	1296.0
0.0	0.0	37.5°	4606.4	4246.9	3886.9	3499.1	3111.3	2724.0	2336.2	1941.9	1547.6
0.0	0.0	40°	5834.3	5370.4	4906.5	4413.8	3920.6	3428.0	2935.3	2451.2	1967.1
0.0	0.0	42.5°	8034.4	7407.6	6780.8	6125.3	5469.2	4813.7	4157.6	3474.9	2791.6
0.0	0.0	45°	10517.4	9739.8	8961.7	8226.0	7489.8	6754.1	6018.4	5081.4	4144.5
0.0	0.0	47.5°	11913.7	11074.1	10234.5	9538.1	8841.7	8145.3	7449.0	6438.9	5428.9
0.0	0.0	50°	12427.5	11572.8	10718.1	10077.2	9435.8	8794.8	8153.4	7141.9	6129.8
0.0	0.0	52.5°	12537.0	11665.1	10793.2	10148.3	9503.3	8858.9	8213.9	7208.9	6203.9
0.0	0.0	55°	12761.9	11826.5	10890.5	10155.3	9420.1	8684.9	7949.7	6928.6	5907.4
0.0	0.0	57.5°	13055.8	12096.7	11137.6	10300.1	9462.5	8625.4	7787.8	6671.4	5555.0
0.0	0.0	60°	12978.7	12144.1	11309.1	10412.0	9514.4	8617.3	7719.7	6491.9	5263.5
0.0	0.0	62.5°	11639.4	10974.8	10309.6	9571.9	8833.7	8095.9	7358.2	6094.0	4829.8
0.0	0.0	65°	9575.4	9090.3	8605.2	8011.7	7417.7	6824.2	6230.7	5097.1	3964.0
0.0	0.0	67.5°	7760.6	7214.0	6666.8	6193.9	5720.3	5247.4	4773.8	3881.8	2989.8
		70°	6165.6	5571.1	4976.1	4514.2	4051.7	3589.8	3127.9	2534.9	1942.4
		72.5°	4896.4	4360.4	3824.3	3331.7	2838.5	2345.8	1852.7	1502.2	1151.7
		75°	2340.3	2126.0	1911.7	1654.0	1396.3	1138.6	880.9	728.2	575.9
		77.5°	867.3	751.9	635.9	531.0	426.1	321.7	216.8	198.7	180.5
		80°	224.4	195.7	166.4	145.7	124.6	103.9	83.2	75.1	67.6
		82.5°	25.7	23.7	22.2	21.2	19.7	18.7	17.1	15.6	14.1
		85°	1.5	1.0	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
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA2A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048853

CATALOG NUMBER: GALN-SA2A-740-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	29.2	29.2
0.0	0.0	2.5°	27.2	26.7
0.0	0.0	5°	28.7	28.2
0.0	0.0	7.5°	31.8	30.8
0.0	0.0	10°	34.8	33.8
0.0	0.0	12.5°	39.3	37.8
0.0	0.0	15°	44.4	41.3
0.0	0.0	17.5°	52.9	46.4
0.0	0.0	20°	71.6	55.0
0.0	0.0	22.5°	100.9	68.6
0.0	0.0	25°	148.3	94.8
0.0	0.0	27.5°	206.2	126.1
0.0	0.0	30°	274.3	157.8
0.0	0.0	32.5°	334.3	188.1
0.0	0.0	35°	412.5	218.8
0.0	0.0	37.5°	508.8	258.2
0.0	0.0	40°	658.1	317.7
0.0	0.0	42.5°	926.8	427.6
0.0	0.0	45°	1505.2	739.2
0.0	0.0	47.5°	2316.1	1222.8
0.0	0.0	50°	2833.4	1560.7
0.0	0.0	52.5°	2875.8	1558.2
0.0	0.0	55°	2625.2	1385.2
0.0	0.0	57.5°	2239.9	1157.8
0.0	0.0	60°	1861.7	915.7
0.0	0.0	62.5°	1466.9	632.3
0.0	0.0	65°	1072.1	447.3
0.0	0.0	67.5°	770.0	334.3
		70°	506.3	256.2
		72.5°	329.8	208.8
		75°	221.9	173.0
		77.5°	129.6	115.0
		80°	45.9	40.3
		82.5°	8.6	6.1
		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: P1048853

CATALOG NUMBER: GALN-SA2A-740-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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

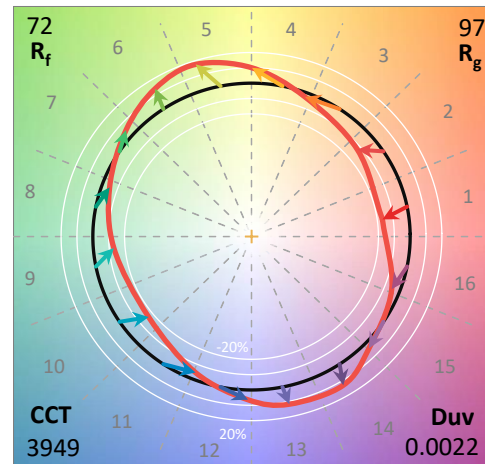
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

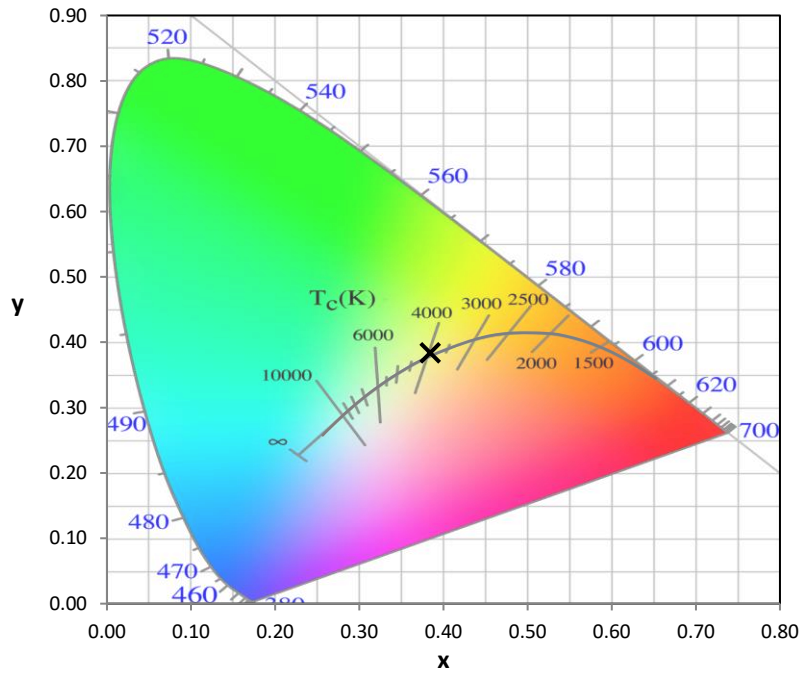
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

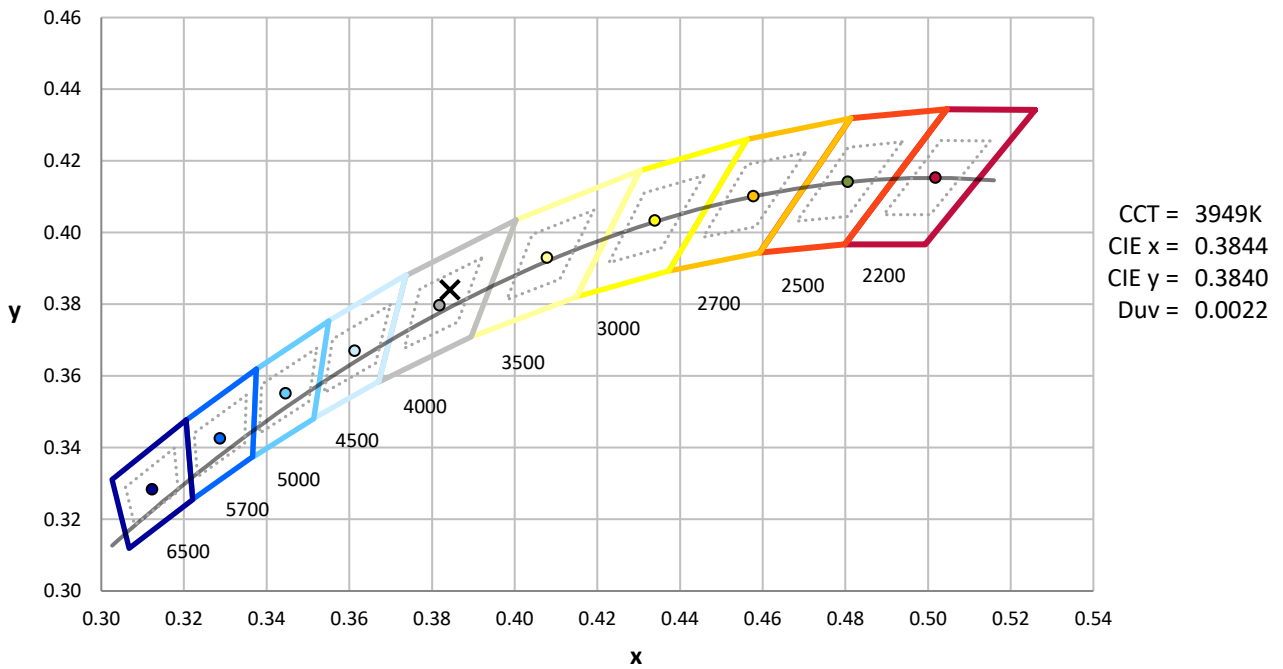
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



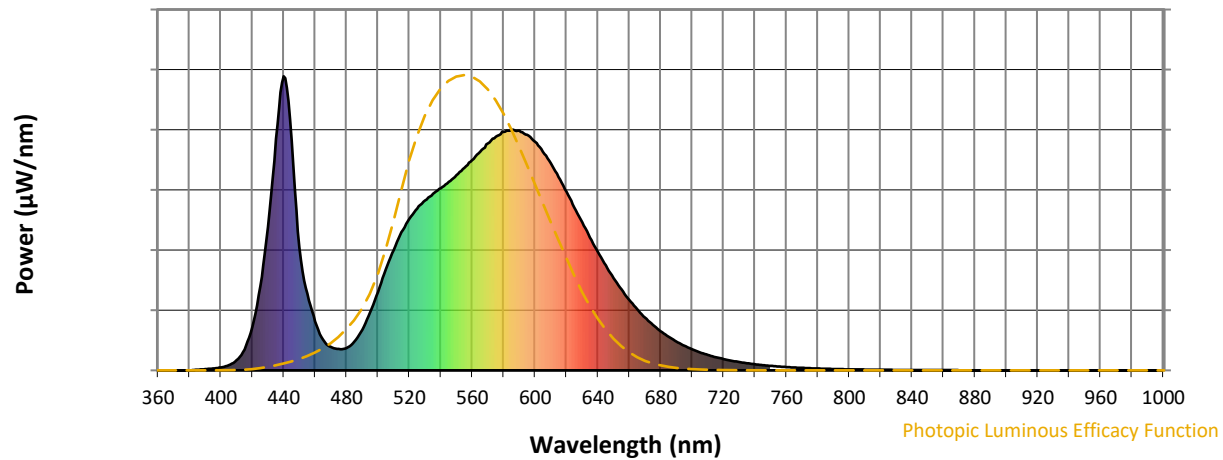
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

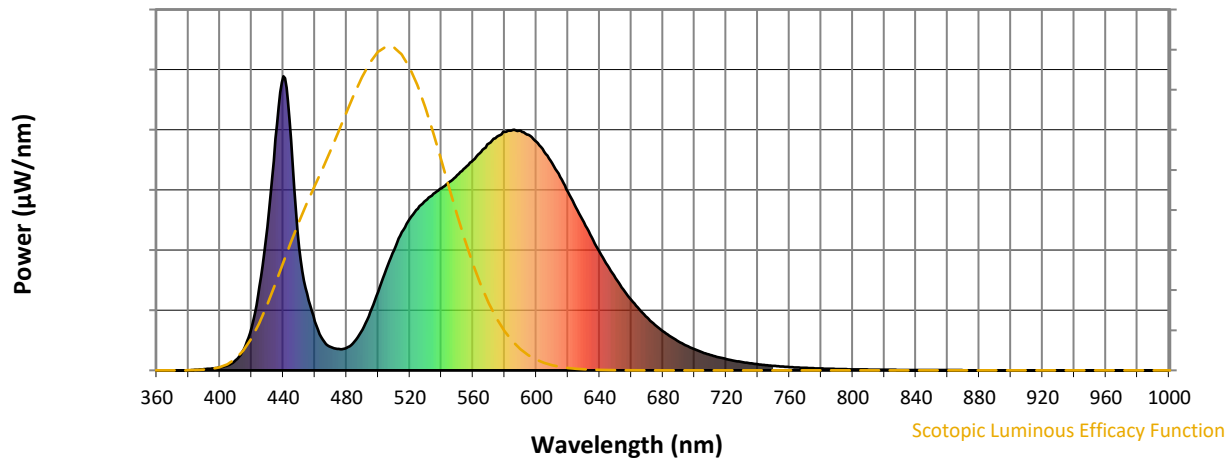


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength



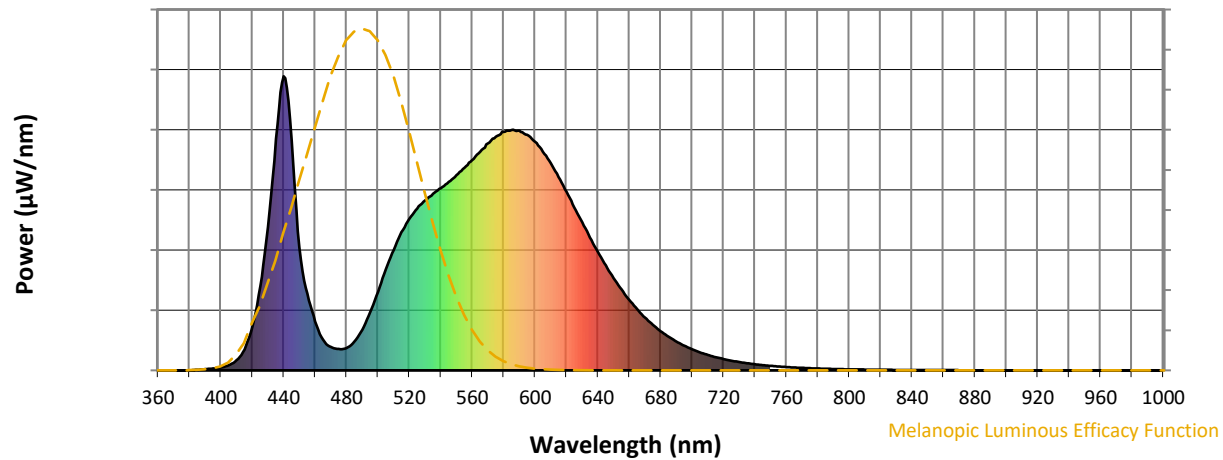
Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

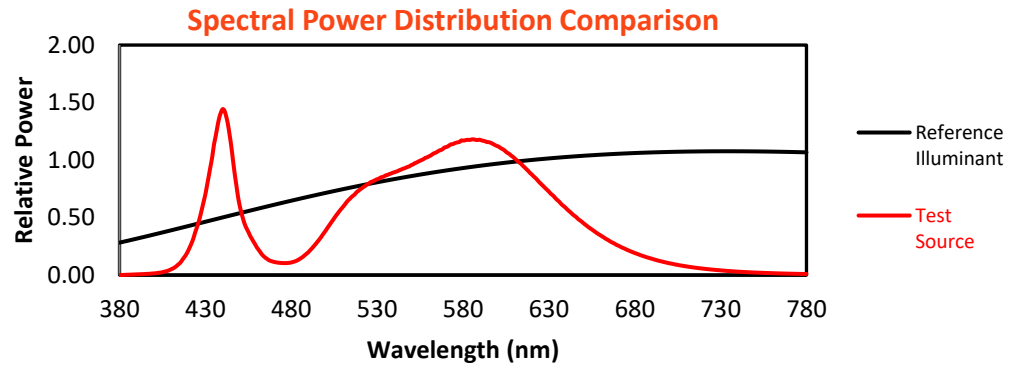
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

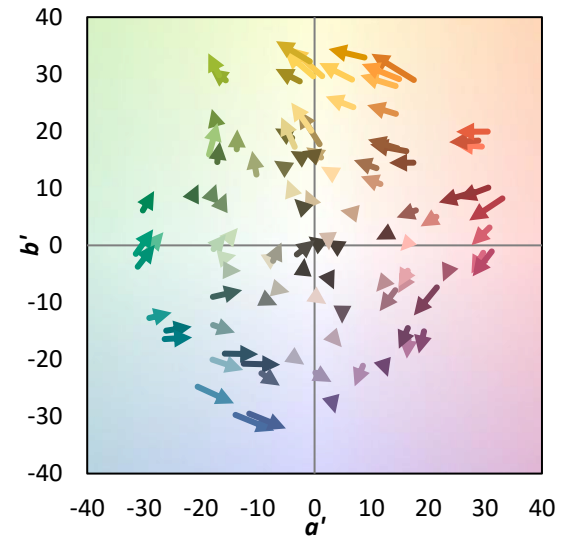
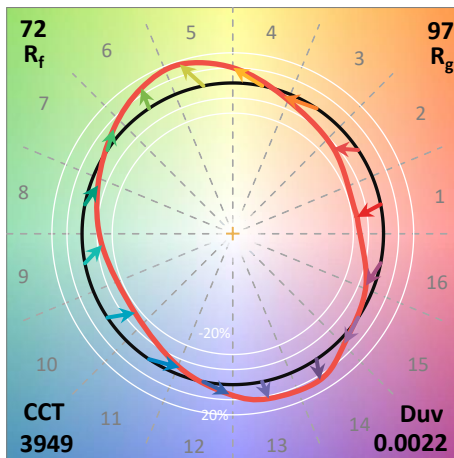
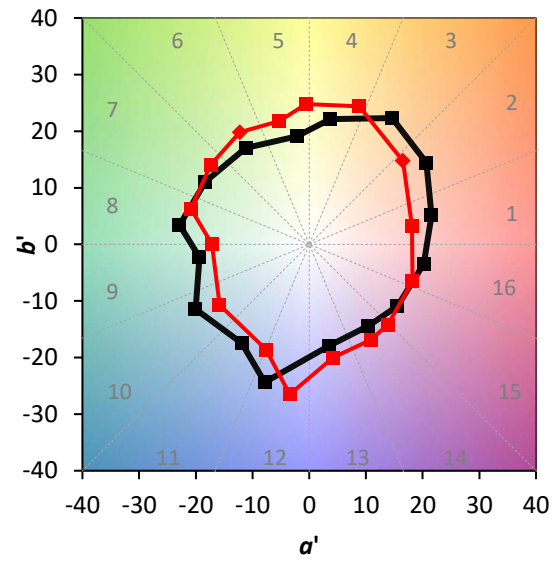
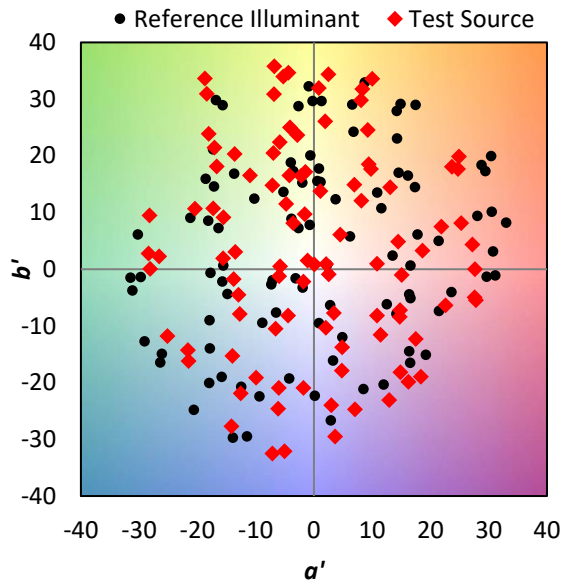
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 $CIE R_a = 70.7$
 $R_g = -36.7$

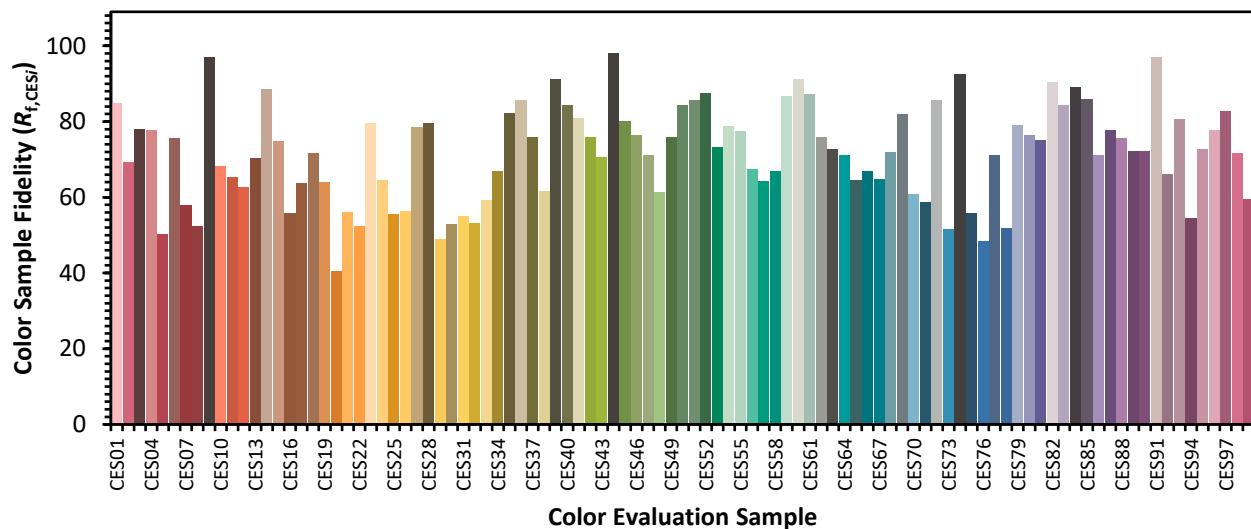


Color Vector Graphics

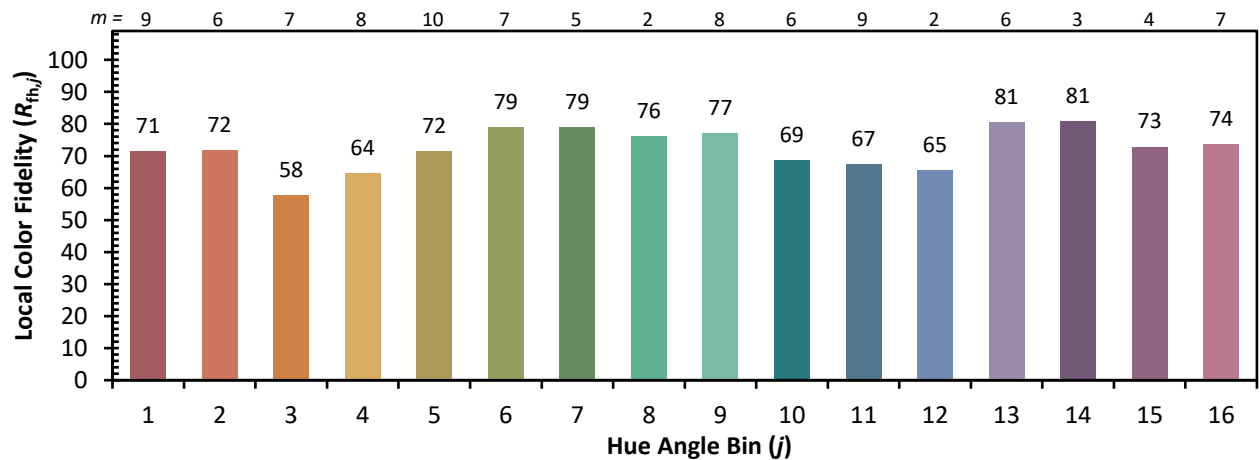
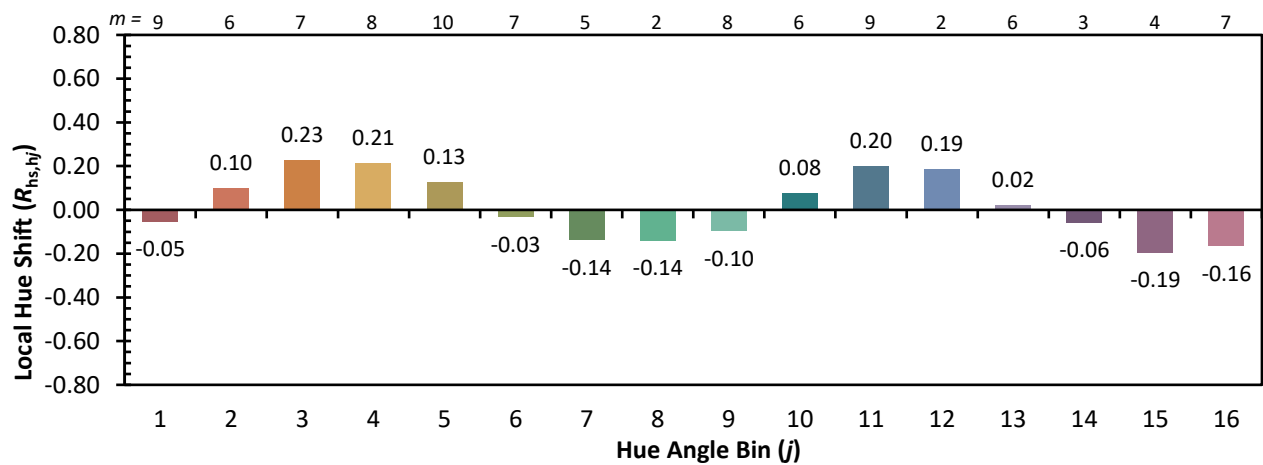
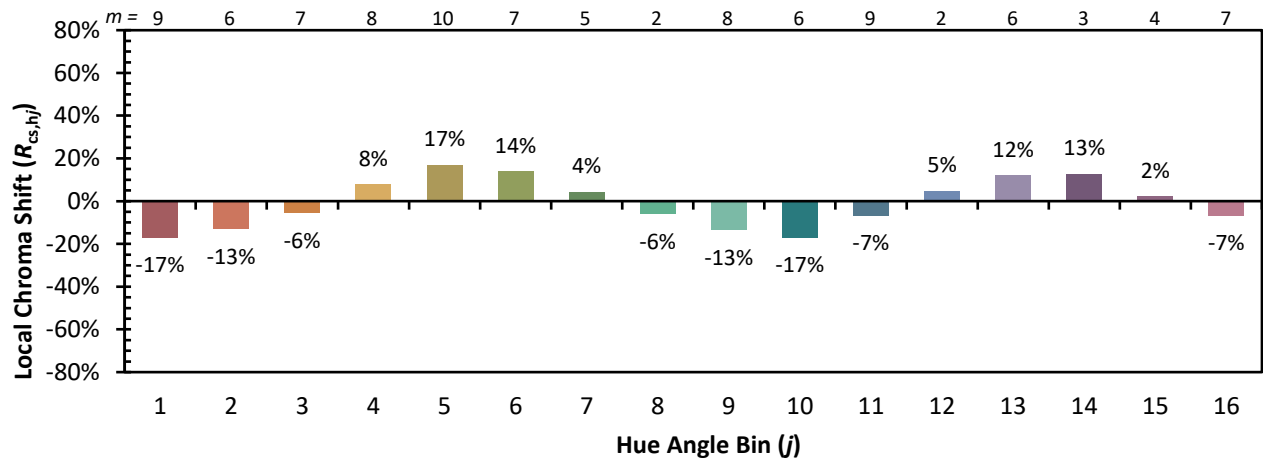


Individual Sample Fidelity Index ($R_{f,i}$)

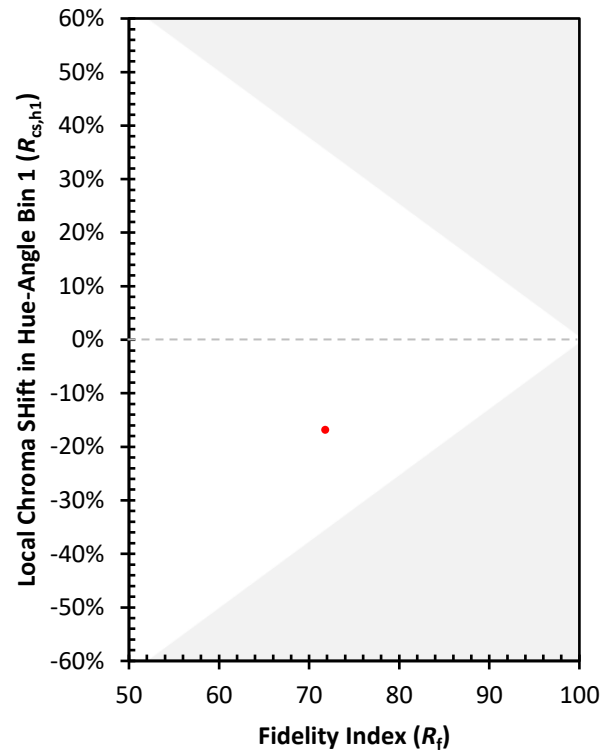
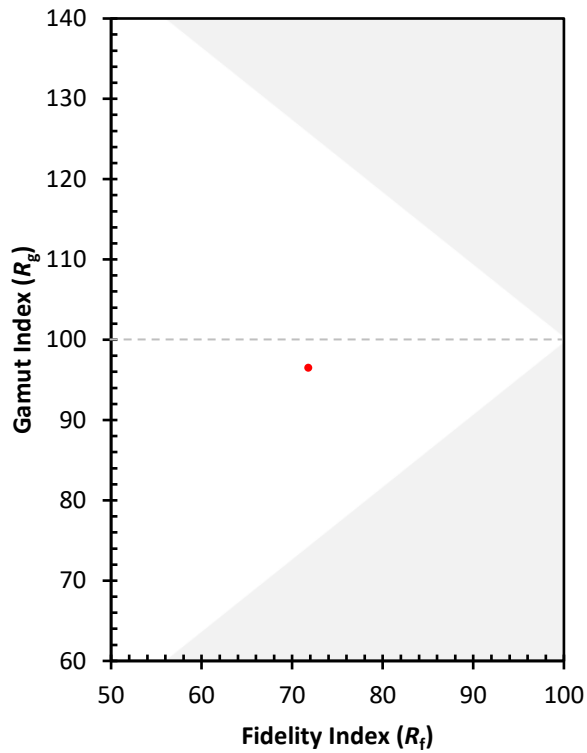
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)