

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: P1049078

Luminaire Tested: **GALN-SA4B-760-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049078
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4B-760-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
70CRI 5700K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 5700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16511.4 lumens
Efficiency: N/A
Efficacy: 114.6 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

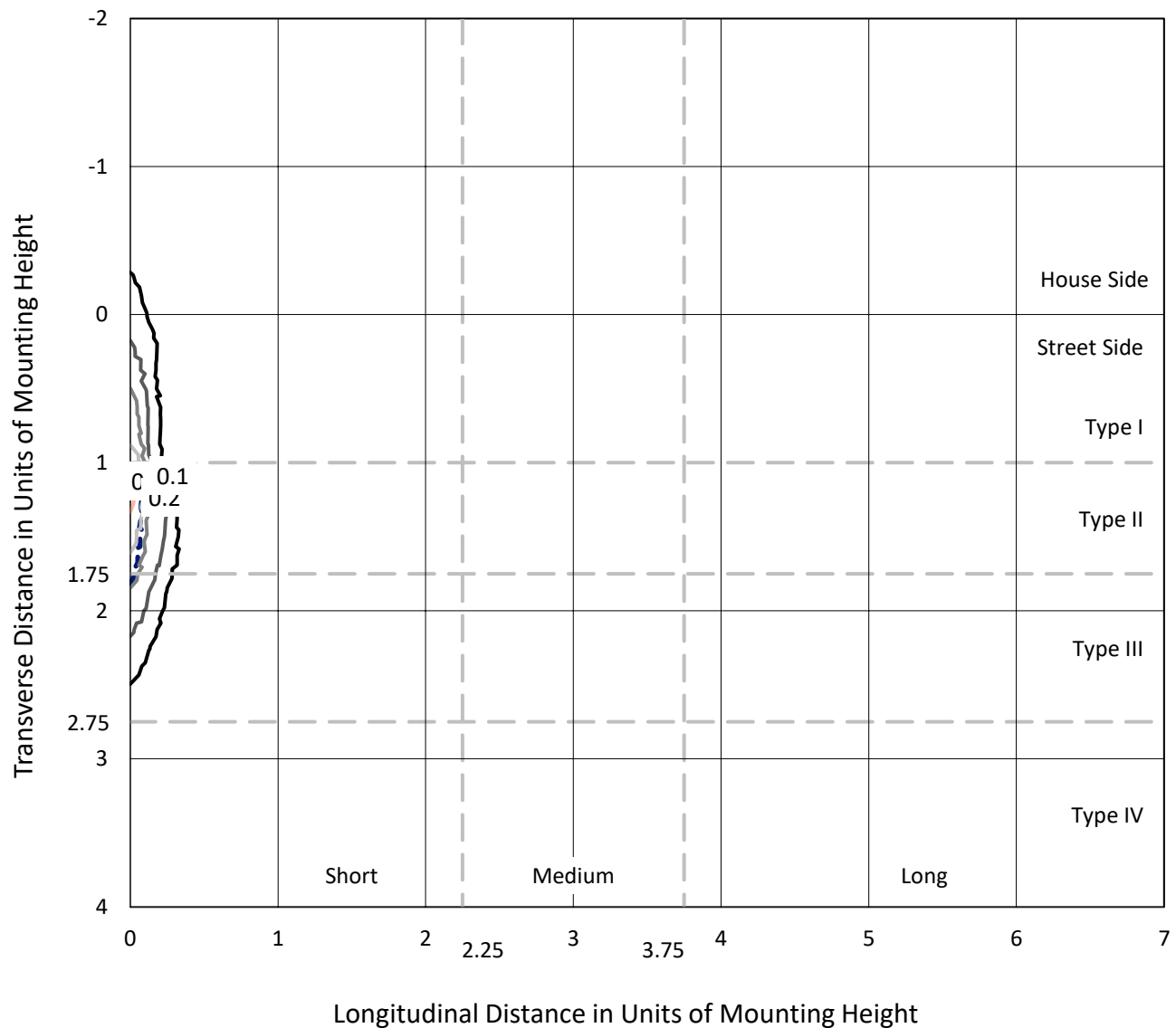
Input Watts (W): 144.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

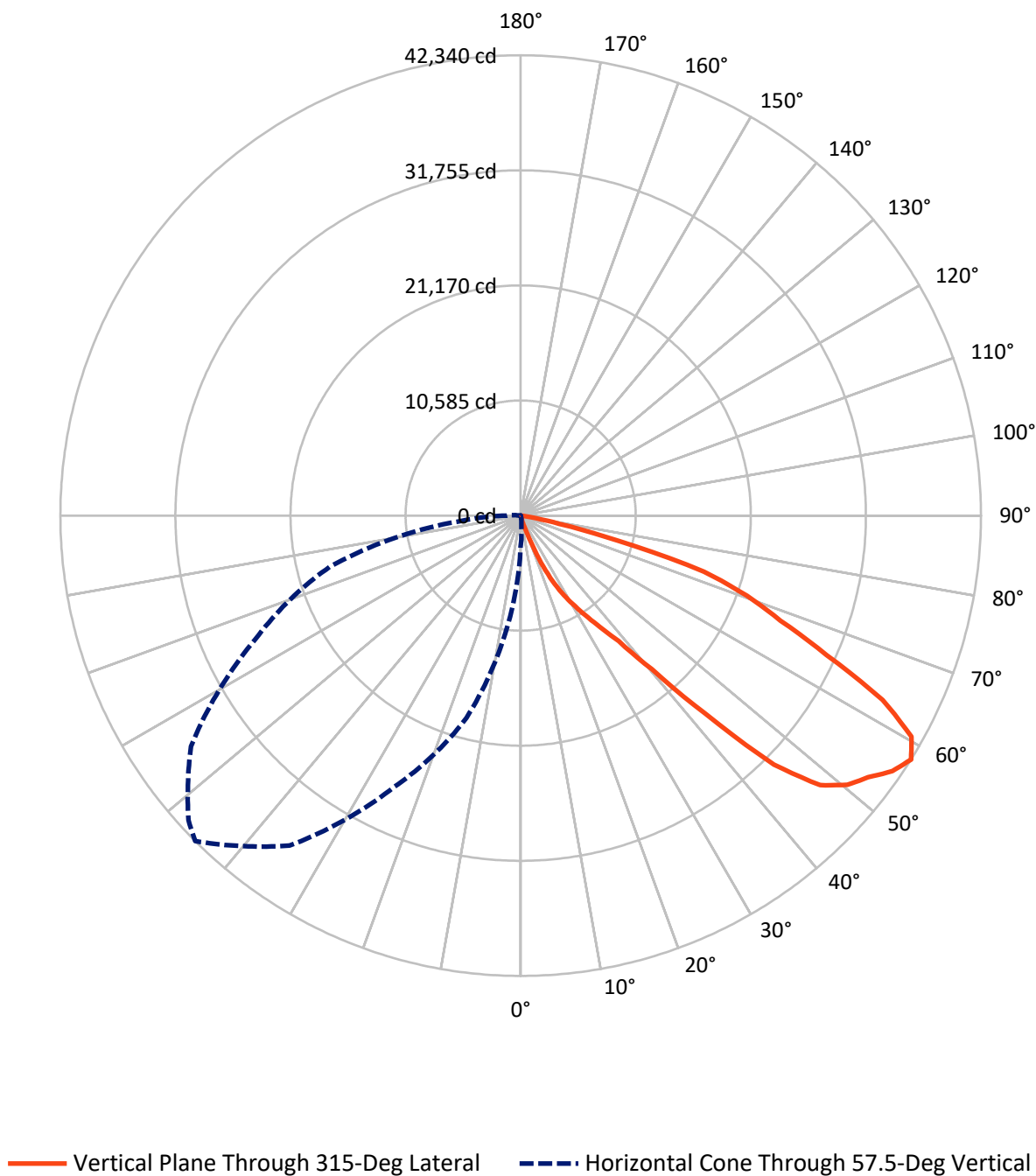


Based on 20 foot mounting height. Maximum calculated value = 2.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	82.7	0.0	82.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	16428.8	0.0	16428.8
	% Fixture	99.5	0.0	99.5
Total	Lumens	16511.4	0.0	16511.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.5	0.0
10°-20°	36.3	0.2
20°-30°	391.3	2.4
30°-40°	1157.1	7.0
40°-50°	3448.6	20.9
50°-60°	5468.2	33.1
60°-70°	4564.6	27.6
70°-80°	1407.6	8.5
80°-90°	31.3	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°	16511.4	100.0
0°-180°	16511.4	100.0



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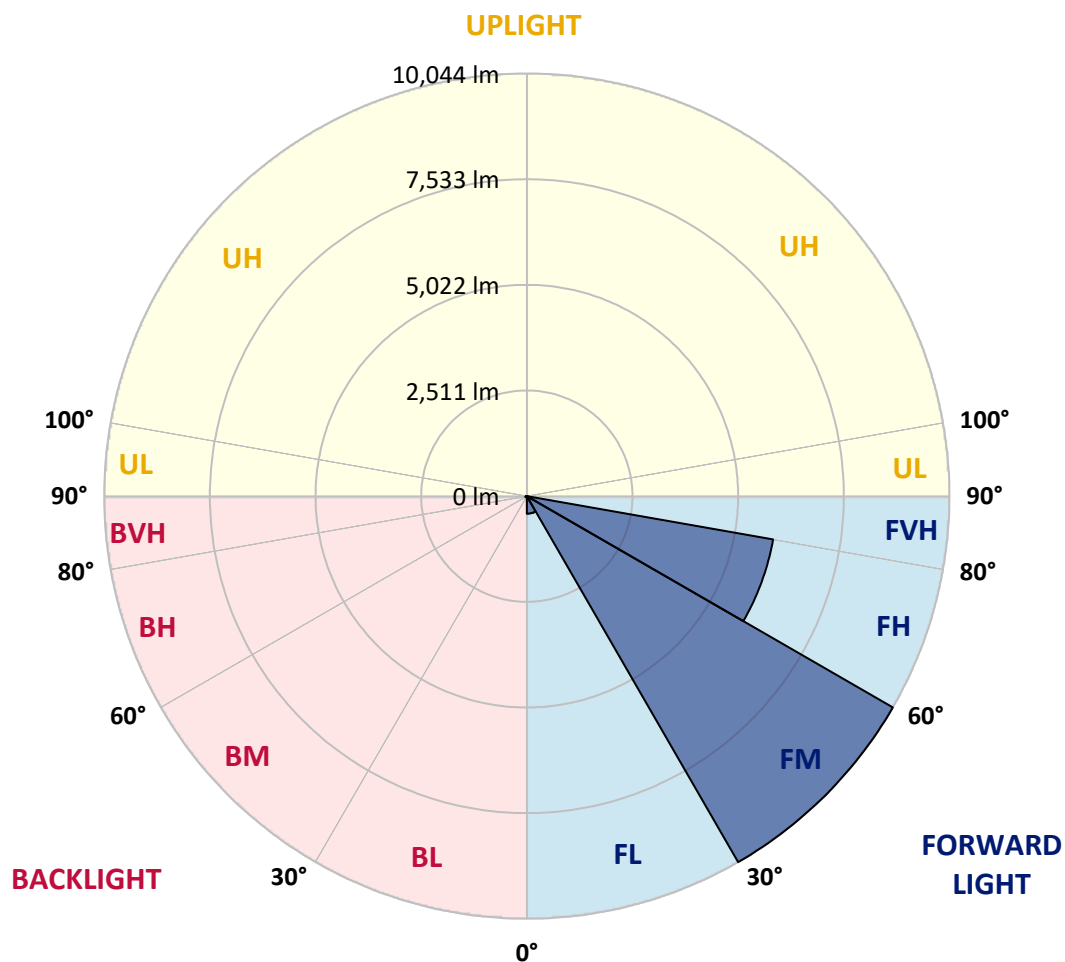
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	418.9	2.5			
FM	(30°-60°)	10044.4	60.8			
FH	(60°-80°)	5941.3	36.0			G3/7500
FVH	(80°-90°)	24.2	0.1			G1/100
BL	(0°-30°)	15.2	0.1	B0/110		
BM	(30°-60°)	29.6	0.2	B0/220		
BH	(60°-80°)	30.8	0.2	B0/110		G0/110
BVH	(80°-90°)	7.1	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-G3

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°	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
2.5°	66.1	66.1	66.1	66.1	64.9	64.9	63.6	63.6	62.4	62.4
5°	69.9	69.9	68.6	67.4	67.4	66.1	64.9	63.6	63.6	62.4
7.5°	76.1	74.9	73.6	72.4	69.9	68.6	66.1	64.9	63.6	61.1
10°	83.6	81.1	78.6	76.1	73.6	71.1	68.6	67.4	64.9	63.6
12.5°	93.6	89.8	84.8	81.1	78.6	74.9	72.4	69.9	66.1	63.6
15°	102.3	97.3	91.1	86.1	82.4	77.4	73.6	69.9	67.4	63.6
17.5°	114.8	106.1	96.1	89.8	84.8	78.6	72.4	68.6	64.9	59.9
20°	136.0	118.5	99.8	92.3	84.8	77.4	69.9	64.9	61.1	56.1
22.5°	169.7	139.7	109.8	98.6	88.6	77.4	67.4	62.4	57.4	52.4
25°	234.6	180.9	127.3	112.3	97.3	82.4	67.4	61.1	56.1	49.9
27.5°	311.9	232.1	151.0	129.8	109.8	88.6	67.4	59.9	53.7	46.2
30°	390.5	284.5	177.2	149.7	122.3	94.8	67.4	58.6	51.2	42.4
32.5°	465.4	333.2	199.6	167.2	134.8	101.1	68.6	58.6	48.7	38.7
35°	541.5	373.1	203.4	169.7	136.0	101.1	67.4	56.1	46.2	34.9
37.5°	638.9	418.0	195.9	162.2	129.8	96.1	63.6	53.7	43.7	32.4
40°	786.1	492.9	199.6	164.7	129.8	94.8	59.9	49.9	41.2	31.2
42.5°	1058.1	637.6	215.9	175.9	136.0	94.8	54.9	46.2	38.7	29.9
45°	1829.2	1059.3	289.5	229.6	169.7	109.8	49.9	42.4	36.2	28.7
47.5°	3025.8	1773.1	520.3	401.8	284.5	166.0	48.7	42.4	36.2	28.7
50°	3861.8	2258.4	655.1	504.1	353.1	202.1	51.2	43.7	37.4	29.9
52.5°	3855.6	2293.4	729.9	560.2	391.8	222.1	53.7	46.2	39.9	32.4
55°	3427.6	2086.2	743.7	571.5	400.5	228.3	57.4	49.9	42.4	34.9
57.5°	2864.8	1771.8	678.8	525.3	373.1	219.6	66.1	57.4	49.9	41.2
60°	2265.9	1397.5	529.0	418.0	308.2	197.1	87.3	76.1	66.1	54.9
62.5°	1564.7	1013.2	461.7	370.6	280.7	189.7	99.8	88.6	78.6	67.4
65°	1106.8	762.4	416.8	339.4	263.3	185.9	108.6	96.1	84.8	72.4
67.5°	827.3	606.4	384.3	318.2	252.0	185.9	119.8	104.8	91.1	76.1
70°	633.9	497.9	360.6	306.9	254.5	200.9	147.2	126.0	106.1	84.8
72.5°	516.6	425.5	333.2	294.5	255.8	217.1	178.4	151.0	123.5	94.8
75°	428.0	364.3	300.7	268.3	237.1	204.6	172.2	147.2	123.5	98.6
77.5°	284.5	259.5	233.3	214.6	195.9	175.9	157.2	136.0	116.0	94.8
80°	99.8	96.1	92.3	99.8	107.3	114.8	122.3	107.3	93.6	78.6
82.5°	15.0	13.7	12.5	13.7	15.0	16.2	17.5	18.7	20.0	21.2
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°	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
0.0	2.5°	61.1	61.1	59.9	59.9	59.9	58.6	58.6	57.4	57.4	57.4
0.0	5°	59.9	59.9	58.6	57.4	56.1	56.1	54.9	53.7	53.7	52.4
0.0	7.5°	58.6	57.4	56.1	54.9	53.7	52.4	51.2	49.9	49.9	48.7
0.0	10°	59.9	57.4	56.1	53.7	52.4	51.2	48.7	47.4	46.2	46.2
0.0	12.5°	57.4	56.1	53.7	51.2	49.9	47.4	46.2	43.7	42.4	42.4
0.0	15°	57.4	54.9	51.2	48.7	46.2	44.9	42.4	39.9	38.7	37.4
0.0	17.5°	53.7	51.2	47.4	44.9	42.4	39.9	37.4	34.9	33.7	32.4
0.0	20°	48.7	46.2	42.4	38.7	36.2	33.7	31.2	28.7	27.5	26.2
0.0	22.5°	43.7	41.2	37.4	33.7	31.2	28.7	25.0	22.5	21.2	18.7
0.0	25°	41.2	37.4	33.7	29.9	26.2	23.7	20.0	16.2	13.7	11.2
0.0	27.5°	34.9	31.2	27.5	23.7	20.0	16.2	12.5	8.7	6.2	5.0
0.0	30°	29.9	26.2	22.5	18.7	13.7	10.0	6.2	1.2	1.2	1.2
0.0	32.5°	25.0	21.2	16.2	12.5	10.0	6.2	3.7	0.0	0.0	0.0
0.0	35°	20.0	16.2	11.2	7.5	6.2	3.7	2.5	0.0	0.0	0.0
0.0	37.5°	17.5	13.7	8.7	3.7	2.5	2.5	1.2	0.0	0.0	0.0
0.0	40°	16.2	11.2	6.2	1.2	1.2	1.2	0.0	0.0	0.0	0.0
0.0	42.5°	16.2	11.2	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	16.2	11.2	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	16.2	11.2	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	17.5	12.5	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	20.0	15.0	10.0	5.0	3.7	2.5	1.2	0.0	0.0	0.0
0.0	55°	25.0	22.5	18.7	16.2	12.5	8.7	3.7	0.0	0.0	0.0
0.0	57.5°	32.4	32.4	31.2	29.9	22.5	15.0	7.5	0.0	0.0	0.0
0.0	60°	43.7	43.7	43.7	43.7	32.4	22.5	11.2	0.0	0.0	0.0
0.0	62.5°	53.7	51.2	47.4	44.9	33.7	22.5	11.2	0.0	0.0	0.0
0.0	65°	53.7	48.7	42.4	36.2	27.5	18.7	8.7	0.0	0.0	0.0
0.0	67.5°	49.9	39.9	28.7	18.7	13.7	10.0	5.0	0.0	0.0	0.0
	70°	49.9	34.9	20.0	5.0	3.7	2.5	1.2	0.0	0.0	0.0
	72.5°	49.9	33.7	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	54.9	37.4	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	54.9	37.4	18.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	48.7	32.4	16.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	16.2	11.2	5.0	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):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
0.0	2.5°	56.1	56.1	56.1	54.9	54.9	54.9	54.9	53.7	53.7	53.7
0.0	5°	51.2	51.2	49.9	49.9	48.7	48.7	47.4	47.4	46.2	46.2
0.0	7.5°	47.4	46.2	46.2	44.9	43.7	43.7	42.4	42.4	41.2	39.9
0.0	10°	43.7	42.4	42.4	41.2	39.9	38.7	38.7	37.4	36.2	34.9
0.0	12.5°	39.9	38.7	37.4	36.2	34.9	33.7	33.7	32.4	31.2	29.9
0.0	15°	34.9	33.7	32.4	31.2	29.9	28.7	28.7	27.5	26.2	25.0
0.0	17.5°	29.9	28.7	28.7	27.5	26.2	25.0	23.7	21.2	20.0	18.7
0.0	20°	22.5	21.2	20.0	18.7	17.5	15.0	13.7	11.2	8.7	7.5
0.0	22.5°	15.0	12.5	11.2	8.7	6.2	5.0	3.7	1.2	0.0	0.0
0.0	25°	5.0	3.7	2.5	1.2	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: P1049078

CATALOG NUMBER: GALN-SA4B-760-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049078

CATALOG NUMBER: GALN-SA4B-760-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
0.0	2.5°	52.4	52.4	52.4	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0.0	5°	44.9	44.9	44.9	43.7	43.7	42.4	42.4	42.4	41.2	41.2
0.0	7.5°	38.7	37.4	37.4	36.2	36.2	34.9	34.9	34.9	33.7	33.7
0.0	10°	32.4	31.2	31.2	29.9	29.9	28.7	28.7	27.5	27.5	26.2
0.0	12.5°	28.7	27.5	26.2	25.0	25.0	23.7	22.5	22.5	21.2	20.0
0.0	15°	22.5	21.2	20.0	18.7	17.5	16.2	15.0	15.0	13.7	12.5
0.0	17.5°	15.0	12.5	11.2	10.0	10.0	8.7	7.5	6.2	5.0	3.7
0.0	20°	3.7	2.5	1.2	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-SA4B-760-U-RBC

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REPORT NUMBER: P1049078

CATALOG NUMBER: GALN-SA4B-760-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°	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
0.0	2.5°	51.2	49.9	49.9	49.9	51.2	51.2	51.2	51.2	51.2	51.2
0.0	5°	41.2	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
0.0	7.5°	33.7	32.4	32.4	32.4	32.4	31.2	31.2	31.2	31.2	31.2
0.0	10°	26.2	25.0	25.0	25.0	25.0	23.7	23.7	23.7	23.7	23.7
0.0	12.5°	18.7	18.7	17.5	17.5	17.5	16.2	16.2	16.2	16.2	15.0
0.0	15°	11.2	10.0	8.7	8.7	8.7	7.5	7.5	7.5	7.5	6.2
0.0	17.5°	2.5	2.5	1.2	1.2	1.2	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-SA4B-760-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049078

CATALOG NUMBER: GALN-SA4B-760-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
0.0	2.5°	52.4	52.4	53.7	53.7	54.9	57.4	58.6	59.9	62.4	64.9
0.0	5°	41.2	42.4	42.4	43.7	44.9	46.2	47.4	48.7	51.2	53.7
0.0	7.5°	32.4	32.4	33.7	33.7	34.9	37.4	38.7	39.9	42.4	46.2
0.0	10°	25.0	25.0	26.2	26.2	27.5	29.9	31.2	32.4	34.9	38.7
0.0	12.5°	16.2	17.5	17.5	18.7	20.0	22.5	23.7	25.0	27.5	29.9
0.0	15°	7.5	8.7	8.7	10.0	11.2	13.7	15.0	16.2	18.7	22.5
0.0	17.5°	1.2	1.2	2.5	2.5	3.7	5.0	6.2	7.5	11.2	13.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	5.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA4B-760-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049078

CATALOG NUMBER: GALN-SA4B-760-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°	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
0.0	2.5°	68.6	71.1	73.6	76.1	78.6	81.1	82.4	84.8	86.1	87.3
0.0	5°	58.6	61.1	64.9	67.4	69.9	72.4	74.9	76.1	77.4	78.6
0.0	7.5°	51.2	53.7	57.4	59.9	62.4	64.9	67.4	69.9	71.1	72.4
0.0	10°	43.7	47.4	49.9	53.7	56.1	58.6	61.1	63.6	66.1	67.4
0.0	12.5°	34.9	38.7	42.4	44.9	48.7	52.4	54.9	57.4	59.9	62.4
0.0	15°	27.5	31.2	34.9	37.4	41.2	44.9	48.7	51.2	53.7	56.1
0.0	17.5°	20.0	23.7	27.5	29.9	33.7	37.4	39.9	43.7	46.2	48.7
0.0	20°	10.0	13.7	17.5	21.2	25.0	28.7	31.2	34.9	37.4	39.9
0.0	22.5°	1.2	5.0	8.7	11.2	15.0	18.7	21.2	25.0	27.5	29.9
0.0	25°	0.0	1.2	3.7	5.0	6.2	8.7	11.2	13.7	16.2	18.7
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.2	2.5	5.0	7.5	10.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
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	1.2
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.5
	85°	0.0	0.0	0.0	0.0	0.0	2.5	3.7	6.2	7.5	8.7
	87.5°	0.0	1.2	2.5	3.7	5.0	7.5	10.0	12.5	13.7	15.0
	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: P1049078

CATALOG NUMBER: GALN-SA4B-760-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
72.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.2											
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REPORT NUMBER: P1049078

CATALOG NUMBER: GALN-SA4B-760-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
0.0	2.5°	88.6	88.6	88.6	88.6	87.3	87.3	87.3	86.1	86.1	84.8
0.0	5°	81.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	81.1	81.1
0.0	7.5°	74.9	76.1	77.4	77.4	78.6	78.6	78.6	77.4	77.4	76.1
0.0	10°	71.1	72.4	72.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6
0.0	12.5°	66.1	67.4	68.6	68.6	69.9	69.9	69.9	69.9	68.6	68.6
0.0	15°	59.9	62.4	63.6	64.9	64.9	66.1	66.1	66.1	66.1	66.1
0.0	17.5°	54.9	57.4	58.6	59.9	59.9	61.1	61.1	62.4	62.4	62.4
0.0	20°	44.9	47.4	48.7	51.2	52.4	53.7	54.9	56.1	56.1	57.4
0.0	22.5°	34.9	37.4	38.7	41.2	42.4	43.7	44.9	46.2	47.4	48.7
0.0	25°	25.0	27.5	28.7	31.2	32.4	33.7	34.9	36.2	36.2	37.4
0.0	27.5°	13.7	16.2	18.7	20.0	22.5	23.7	25.0	26.2	27.5	28.7
0.0	30°	6.2	7.5	8.7	11.2	12.5	13.7	15.0	17.5	18.7	20.0
0.0	32.5°	0.0	0.0	1.2	3.7	5.0	6.2	7.5	8.7	8.7	10.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.5	3.7	5.0
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°	2.5	2.5	2.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	82.5°	6.2	7.5	8.7	8.7	10.0	10.0	10.0	10.0	8.7	8.7
	85°	12.5	13.7	15.0	15.0	16.2	16.2	16.2	16.2	16.2	16.2
	87.5°	17.5	18.7	20.0	20.0	21.2	21.2	21.2	21.2	21.2	21.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049078

CATALOG NUMBER: GALN-SA4B-760-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
72.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	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											
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REPORT NUMBER: P1049078

CATALOG NUMBER: GALN-SA4B-760-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°	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
0.0	2.5°	83.6	83.6	82.4	82.4	82.4	82.4	82.4	83.6	84.8	84.8
0.0	5°	79.9	79.9	78.6	78.6	78.6	79.9	79.9	81.1	82.4	83.6
0.0	7.5°	76.1	74.9	74.9	76.1	76.1	77.4	77.4	78.6	79.9	81.1
0.0	10°	73.6	72.4	72.4	72.4	73.6	73.6	74.9	76.1	77.4	78.6
0.0	12.5°	68.6	68.6	68.6	68.6	69.9	69.9	71.1	72.4	74.9	76.1
0.0	15°	66.1	64.9	64.9	64.9	64.9	66.1	66.1	68.6	71.1	72.4
0.0	17.5°	61.1	61.1	59.9	59.9	61.1	61.1	62.4	64.9	67.4	68.6
0.0	20°	56.1	54.9	53.7	53.7	54.9	54.9	56.1	58.6	61.1	62.4
0.0	22.5°	48.7	47.4	47.4	47.4	47.4	48.7	48.7	51.2	54.9	57.4
0.0	25°	38.7	39.9	39.9	41.2	41.2	42.4	43.7	46.2	49.9	52.4
0.0	27.5°	29.9	31.2	31.2	33.7	34.9	36.2	37.4	41.2	44.9	47.4
0.0	30°	22.5	23.7	25.0	26.2	28.7	31.2	33.7	37.4	41.2	43.7
0.0	32.5°	13.7	16.2	17.5	20.0	22.5	25.0	27.5	31.2	36.2	39.9
0.0	35°	10.0	11.2	13.7	15.0	17.5	20.0	22.5	27.5	31.2	36.2
0.0	37.5°	5.0	7.5	10.0	12.5	15.0	17.5	20.0	25.0	29.9	33.7
0.0	40°	3.7	6.2	7.5	10.0	13.7	16.2	18.7	23.7	28.7	33.7
0.0	42.5°	2.5	3.7	5.0	8.7	11.2	15.0	18.7	23.7	28.7	33.7
0.0	45°	2.5	2.5	3.7	7.5	11.2	16.2	20.0	25.0	28.7	33.7
0.0	47.5°	2.5	3.7	5.0	10.0	12.5	16.2	20.0	23.7	28.7	32.4
0.0	50°	3.7	5.0	6.2	11.2	13.7	17.5	20.0	25.0	28.7	33.7
0.0	52.5°	2.5	3.7	5.0	10.0	13.7	18.7	22.5	27.5	32.4	36.2
0.0	55°	1.2	1.2	1.2	7.5	15.0	21.2	28.7	32.4	37.4	41.2
0.0	57.5°	0.0	0.0	0.0	5.0	15.0	23.7	32.4	37.4	42.4	46.2
0.0	60°	0.0	0.0	0.0	5.0	15.0	23.7	32.4	38.7	44.9	51.2
0.0	62.5°	0.0	0.0	0.0	5.0	12.5	20.0	27.5	37.4	48.7	58.6
0.0	65°	0.0	0.0	0.0	3.7	10.0	16.2	22.5	37.4	52.4	66.1
0.0	67.5°	0.0	0.0	0.0	3.7	10.0	15.0	21.2	37.4	52.4	68.6
	70°	0.0	0.0	0.0	3.7	10.0	16.2	22.5	37.4	52.4	67.4
	72.5°	0.0	0.0	0.0	3.7	11.2	17.5	25.0	37.4	49.9	62.4
	75°	0.0	0.0	0.0	5.0	11.2	18.7	26.2	37.4	48.7	58.6
	77.5°	0.0	0.0	0.0	3.7	11.2	17.5	25.0	36.2	47.4	57.4
	80°	3.7	2.5	2.5	6.2	11.2	16.2	21.2	32.4	44.9	56.1
	82.5°	7.5	7.5	6.2	8.7	11.2	15.0	18.7	28.7	39.9	49.9
	85°	15.0	15.0	13.7	15.0	15.0	16.2	17.5	22.5	27.5	32.4
	87.5°	20.0	20.0	18.7	18.7	18.7	17.5	17.5	17.5	17.5	16.2
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049078

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
72.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.9	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.4											
74.9											
69.9											
68.6											
67.4											
59.9											
37.4											
16.2											
0.0											
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REPORT NUMBER: P1049078

CATALOG NUMBER: GALN-SA4B-760-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
0.0	2.5°	87.3	88.6	88.6	89.8	91.1	92.3	92.3	93.6	93.6	93.6
0.0	5°	86.1	88.6	89.8	91.1	92.3	93.6	94.8	96.1	97.3	97.3
0.0	7.5°	84.8	86.1	88.6	89.8	92.3	93.6	96.1	97.3	98.6	99.8
0.0	10°	82.4	84.8	87.3	89.8	92.3	94.8	97.3	99.8	102.3	103.6
0.0	12.5°	79.9	83.6	86.1	88.6	92.3	96.1	98.6	102.3	104.8	107.3
0.0	15°	78.6	81.1	84.8	87.3	92.3	97.3	101.1	106.1	111.1	114.8
0.0	17.5°	74.9	79.9	83.6	87.3	92.3	98.6	103.6	108.6	116.0	123.5
0.0	20°	69.9	73.6	78.6	82.4	89.8	96.1	103.6	109.8	121.0	132.3
0.0	22.5°	64.9	69.9	73.6	78.6	87.3	94.8	103.6	111.1	129.8	147.2
0.0	25°	59.9	66.1	71.1	76.1	86.1	96.1	106.1	116.0	147.2	178.4
0.0	27.5°	57.4	62.4	68.6	73.6	86.1	99.8	112.3	124.8	174.7	223.3
0.0	30°	53.7	59.9	64.9	71.1	87.3	103.6	119.8	136.0	212.1	288.2
0.0	32.5°	49.9	56.1	62.4	68.6	89.8	111.1	131.0	152.2	252.0	350.6
0.0	35°	46.2	53.7	59.9	66.1	93.6	122.3	149.7	177.2	288.2	398.0
0.0	37.5°	44.9	52.4	58.6	64.9	94.8	123.5	153.5	182.2	292.0	401.8
0.0	40°	46.2	52.4	59.9	66.1	91.1	116.0	139.7	164.7	279.5	393.0
0.0	42.5°	46.2	53.7	61.1	68.6	88.6	108.6	128.5	148.5	275.8	403.0
0.0	45°	44.9	52.4	59.9	67.4	86.1	103.6	122.3	139.7	298.2	455.4
0.0	47.5°	43.7	51.2	58.6	66.1	84.8	103.6	122.3	141.0	385.6	628.9
0.0	50°	43.7	51.2	57.4	63.6	86.1	109.8	132.3	154.7	561.5	967.0
0.0	52.5°	46.2	52.4	57.4	62.4	88.6	116.0	142.2	168.4	713.7	1257.7
0.0	55°	49.9	53.7	58.6	62.4	94.8	126.0	158.5	189.7	759.9	1330.1
0.0	57.5°	54.9	58.6	62.4	66.1	106.1	146.0	184.7	224.6	763.6	1301.4
0.0	60°	61.1	66.1	69.9	73.6	116.0	159.7	202.1	244.6	691.3	1136.7
0.0	62.5°	74.9	81.1	86.1	92.3	133.5	173.4	214.6	254.5	574.0	893.4
0.0	65°	86.1	91.1	96.1	101.1	141.0	182.2	222.1	262.0	486.6	711.2
0.0	67.5°	88.6	93.6	97.3	102.3	143.5	184.7	224.6	265.8	416.8	566.5
	70°	89.8	96.1	103.6	109.8	152.2	194.6	235.8	278.2	369.3	460.4
	72.5°	86.1	98.6	109.8	121.0	161.0	199.6	239.6	278.2	343.1	408.0
	75°	86.1	103.6	119.8	136.0	166.0	194.6	224.6	253.3	303.2	353.1
	77.5°	91.1	113.5	136.0	158.5	175.9	192.2	209.6	225.8	258.3	290.7
	80°	91.1	114.8	137.3	161.0	168.4	177.2	184.7	192.2	195.9	199.6
	82.5°	78.6	97.3	116.0	134.8	126.0	117.3	108.6	99.8	93.6	86.1
	85°	39.9	43.7	46.2	48.7	44.9	41.2	37.4	33.7	31.2	27.5
	87.5°	16.2	16.2	15.0	15.0	15.0	15.0	13.7	13.7	13.7	13.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049078

CATALOG NUMBER: GALN-SA4B-760-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
72.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
195.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
265.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
369.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
625.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
710.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
773.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
837.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
962.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1211.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1846.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2828.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3561.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3642.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3286.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2809.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2196.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1659.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1225.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
867.2											
645.1											
469.2											
353.1											
198.4											
89.8											
26.2											
12.5											
0.0											
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REPORT NUMBER: P1049078

CATALOG NUMBER: GALN-SA4B-760-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°	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
0.0	2.5°	93.6	92.3	92.3	91.1	89.8	88.6	87.3	86.1	84.8	83.6
0.0	5°	97.3	97.3	97.3	96.1	96.1	94.8	94.8	93.6	92.3	91.1
0.0	7.5°	101.1	102.3	102.3	103.6	103.6	103.6	103.6	102.3	102.3	102.3
0.0	10°	107.3	108.6	109.8	111.1	112.3	113.5	113.5	114.8	114.8	114.8
0.0	12.5°	114.8	118.5	121.0	124.8	127.3	131.0	133.5	137.3	139.7	142.2
0.0	15°	126.0	132.3	139.7	146.0	152.2	161.0	170.9	179.7	188.4	202.1
0.0	17.5°	142.2	162.2	182.2	200.9	220.9	264.5	308.2	350.6	394.3	457.9
0.0	20°	173.4	233.3	292.0	351.9	410.5	564.0	716.2	869.7	1021.9	1185.4
0.0	22.5°	243.3	390.5	537.8	685.0	832.3	1152.9	1472.4	1793.0	2112.4	2488.0
0.0	25°	353.1	623.9	894.6	1164.2	1434.9	1936.5	2439.4	2941.0	3442.6	3930.4
0.0	27.5°	514.1	928.3	1342.6	1755.6	2169.8	2849.9	3531.1	4211.2	4891.2	5442.7
0.0	30°	712.5	1274.0	1835.4	2396.9	2958.4	3732.0	4505.6	5278.0	6051.6	6654.3
0.0	32.5°	899.6	1587.1	2274.7	2960.9	3648.4	4529.4	5411.5	6292.4	7173.3	7832.2
0.0	35°	1021.9	1852.9	2685.2	3516.2	4347.2	5300.5	6253.7	7205.8	8159.1	8911.5
0.0	37.5°	1144.2	2103.7	3062.0	4021.5	4979.8	6026.7	7073.5	8120.4	9167.3	10096.8
0.0	40°	1281.4	2406.9	3531.1	4656.6	5780.8	7021.1	8260.1	9500.4	10739.4	12050.8
0.0	42.5°	1519.8	2909.8	4301.0	5691.0	7081.0	8721.8	10362.6	12002.2	13643.0	15514.6
0.0	45°	1967.7	3926.7	5886.9	7845.9	9804.9	11978.4	14153.3	16326.9	18500.5	20991.0
0.0	47.5°	3064.5	5759.6	8453.5	11148.7	13842.6	16189.6	18535.4	20882.4	23228.2	25708.7
0.0	50°	4689.1	7825.9	10962.8	14098.4	17235.2	19358.9	21481.3	23605.0	25727.5	28087.0
0.0	52.5°	5864.4	9132.3	12401.4	15669.3	18937.2	20853.7	22771.5	24688.1	26604.6	28809.4
0.0	55°	5953.0	9202.2	12452.6	15701.7	18950.9	20876.2	22801.5	24726.8	26652.0	28989.1
0.0	57.5°	5270.5	8493.5	11715.2	14938.1	18159.8	20352.1	22543.2	24735.5	26926.6	29453.3
0.0	60°	4483.2	7707.4	10930.3	14154.5	17377.5	19902.9	22429.6	24955.1	27480.6	29847.5
0.0	62.5°	3497.5	6814.0	10131.8	13448.3	16764.8	19329.0	21893.1	24456.0	27020.1	28795.7
0.0	65°	2606.6	5827.0	9047.5	12266.7	15487.1	17540.9	19594.7	21647.3	23701.1	24800.4
0.0	67.5°	1884.1	4661.6	7437.9	10215.4	12991.6	14461.5	15931.3	17399.9	18869.8	19710.8
	70°	1274.0	3198.0	5120.8	7044.8	8967.6	10175.4	11384.5	12592.3	13800.2	14935.6
	72.5°	882.2	1962.7	3044.5	4125.1	5205.6	6420.9	7635.0	8850.3	10064.4	11266.0
	75°	585.2	1076.8	1569.7	2061.3	2552.9	3452.5	4353.4	5253.0	6152.7	6868.9
	77.5°	415.5	562.7	711.2	858.5	1005.7	1174.1	1343.8	1512.3	1680.7	1936.5
	80°	197.1	215.9	234.6	252.0	270.8	331.9	393.0	454.2	515.3	580.2
	82.5°	93.6	101.1	108.6	114.8	122.3	128.5	134.8	141.0	147.2	141.0
	85°	25.0	25.0	26.2	26.2	26.2	26.2	26.2	26.2	26.2	25.0
	87.5°	11.2	11.2	11.2	11.2	11.2	11.2	11.2	10.0	10.0	8.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
72.4	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
217.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
520.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1350.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2863.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4418.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5994.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7258.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8492.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9663.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11027.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13362.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17386.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23481.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28189.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30446.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31014.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31327.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31980.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32213.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30572.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25900.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20553.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16069.8											
12467.6											
7585.1											
2192.3											
645.1											
133.5											
23.7											
8.7											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											

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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
0.0	2.5°	81.1	79.9	78.6	77.4	76.1	73.6	73.6	72.4	72.4
0.0	5°	88.6	87.3	86.1	84.8	84.8	83.6	82.4	82.4	81.1
0.0	7.5°	101.1	99.8	98.6	97.3	97.3	96.1	96.1	94.8	94.8
0.0	10°	116.0	116.0	116.0	116.0	116.0	114.8	114.8	114.8	113.5
0.0	12.5°	146.0	147.2	149.7	152.2	156.0	156.0	156.0	154.7	154.7
0.0	15°	230.8	244.6	254.5	264.5	273.3	293.2	290.7	287.0	284.5
0.0	17.5°	583.9	646.3	680.0	712.5	746.2	838.5	823.5	808.5	794.8
0.0	20°	1513.5	1677.0	1785.5	1894.1	2003.9	2177.3	2134.9	2092.5	2050.1
0.0	22.5°	3237.9	3613.5	3777.0	3940.4	4102.6	4312.2	4176.2	4040.2	3905.5
0.0	25°	4904.9	5392.8	5668.6	5944.3	6218.8	6338.6	6161.4	5983.0	5805.8
0.0	27.5°	6545.7	7097.2	7340.5	7582.6	7825.9	8076.7	7857.1	7636.3	7416.7
0.0	30°	7860.9	8463.5	8726.8	8988.8	9252.1	9426.8	9199.7	8971.4	8744.3
0.0	32.5°	9151.0	9809.8	10098.1	10386.3	10673.3	10924.1	10644.6	10363.9	10084.4
0.0	35°	10415.0	11167.4	11564.2	11961.0	12357.8	12591.1	12259.2	11926.0	11594.1
0.0	37.5°	11957.2	12886.8	13331.0	13775.2	14219.4	14644.9	14279.3	13912.5	13546.9
0.0	40°	14673.6	15985.0	16666.3	17348.8	18030.1	18579.1	18117.4	17655.7	17194.1
0.0	42.5°	19257.8	21129.5	22109.0	23087.2	24066.7	24923.9	24438.5	23953.2	23467.8
0.0	45°	25972.0	28462.5	29656.6	30849.5	32043.6	32670.0	31971.2	31271.2	30572.5
0.0	47.5°	30668.6	33149.1	34212.2	35275.3	36338.4	37053.3	36198.6	35343.9	34490.4
0.0	50°	32804.7	35164.2	36231.1	37296.6	38363.5	38931.2	37944.2	36956.0	35969.0
0.0	52.5°	33217.7	35422.5	36695.2	37969.2	39241.9	40000.5	38835.1	37668.5	36503.1
0.0	55°	33664.4	36001.5	37477.6	38954.9	40431.0	41481.6	40164.0	38845.1	37527.5
0.0	57.5°	34505.4	37032.1	38504.5	39975.6	41447.9	42340.1	41018.7	39696.1	38374.7
0.0	60°	34580.3	36946.0	38211.2	39477.7	40742.9	41304.4	40040.5	38775.2	37511.3
0.0	62.5°	32348.0	34123.6	35002.0	35880.4	36758.9	37369.0	36050.1	34730.0	33411.1
0.0	65°	27000.2	28099.4	28799.4	29499.4	30199.4	30926.9	29719.0	28511.2	27303.4
0.0	67.5°	21394.0	22235.0	23157.1	24079.2	25001.3	25778.6	24811.6	23843.3	22876.3
	70°	17205.3	18339.5	19376.4	20413.3	21450.2	22086.5	21115.8	20143.8	19173.0
	72.5°	13669.2	14870.7	15736.7	16601.4	17467.3	17623.3	16909.6	16195.9	15483.4
	75°	8300.1	9016.3	9033.7	9050.0	9067.4	9215.9	8624.5	8033.0	7442.9
	77.5°	2448.1	2703.9	2914.8	3124.4	3335.2	3589.8	3372.7	3154.3	2937.2
	80°	708.7	773.6	828.5	882.2	937.1	904.6	853.5	802.3	751.1
	82.5°	127.3	119.8	118.5	117.3	117.3	111.1	101.1	91.1	81.1
	85°	22.5	21.2	20.0	18.7	17.5	16.2	13.7	12.5	10.0
	87.5°	7.5	6.2	5.0	3.7	3.7	1.2	1.2	1.2	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-SA4B-760-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049078

CATALOG NUMBER: GALN-SA4B-760-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°	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
0.0	0.0	2.5°	71.1	69.9	69.9	69.9	69.9	68.6	68.6	68.6	68.6
0.0	0.0	5°	78.6	78.6	77.4	77.4	76.1	76.1	74.9	74.9	73.6
0.0	0.0	7.5°	92.3	91.1	89.8	88.6	87.3	84.8	83.6	82.4	82.4
0.0	0.0	10°	111.1	108.6	107.3	104.8	103.6	101.1	98.6	96.1	93.6
0.0	0.0	12.5°	146.0	141.0	137.3	132.3	127.3	123.5	118.5	114.8	109.8
0.0	0.0	15°	253.3	240.8	227.1	210.9	193.4	177.2	159.7	149.7	138.5
0.0	0.0	17.5°	647.6	582.7	516.6	462.9	409.3	356.9	303.2	264.5	225.8
0.0	0.0	20°	1648.3	1468.6	1288.9	1111.7	933.3	756.1	577.7	487.9	398.0
0.0	0.0	22.5°	3101.9	2768.8	2434.4	2111.2	1786.8	1463.6	1140.4	937.1	734.9
0.0	0.0	25°	4787.6	4368.4	3949.1	3417.6	2884.8	2353.3	1821.7	1491.1	1160.4
0.0	0.0	27.5°	6230.0	5747.2	5264.3	4617.9	3971.6	3325.3	2678.9	2186.1	1694.5
0.0	0.0	30°	7479.0	6960.0	6440.9	5688.5	4936.1	4183.7	3431.3	2814.9	2198.5
0.0	0.0	32.5°	8562.1	7940.7	7319.3	6543.2	5767.1	4991.0	4214.9	3458.8	2702.6
0.0	0.0	35°	9811.1	9086.2	8360.0	7499.0	6636.8	5775.9	4914.9	4061.4	3206.7
0.0	0.0	37.5°	11398.2	10508.6	9617.7	8658.2	7698.6	6740.4	5780.8	4805.1	3829.4
0.0	0.0	40°	14436.5	13288.6	12140.7	10921.6	9701.3	8482.2	7263.2	6065.3	4867.5
0.0	0.0	42.5°	19880.5	18329.5	16778.6	15156.5	13533.2	11911.1	10287.7	8598.3	6907.6
0.0	0.0	45°	26024.4	24100.4	22175.1	20354.6	18532.9	16712.4	14892.0	12573.6	10255.3
0.0	0.0	47.5°	29479.5	27401.9	25324.4	23601.3	21878.1	20155.0	18431.8	15932.6	13433.3
0.0	0.0	50°	30750.9	28636.0	26521.0	24935.1	23348.0	21762.1	20174.9	17672.0	15167.7
0.0	0.0	52.5°	31021.7	28864.3	26706.9	25111.1	23515.2	21920.6	20324.7	17837.9	15351.1
0.0	0.0	55°	31578.2	29263.6	26947.8	25128.5	23309.3	21490.1	19670.9	17144.2	14617.4
0.0	0.0	57.5°	32305.6	29932.4	27559.2	25486.6	23414.1	21342.8	19270.3	16507.8	13745.3
0.0	0.0	60°	32114.7	30049.7	27983.4	25763.6	23542.6	21322.9	19101.9	16063.6	13024.1
0.0	0.0	62.5°	28800.7	27156.1	25510.3	23684.9	21858.2	20032.7	18207.2	15079.1	11951.0
0.0	0.0	65°	23693.6	22493.3	21292.9	19824.3	18354.5	16885.9	15417.3	12612.3	9808.6
0.0	0.0	67.5°	19202.9	17850.4	16496.6	15326.2	14154.5	12984.1	11812.5	9605.2	7397.9
		70°	15256.3	13785.2	12312.8	11169.9	10025.7	8882.8	7739.8	6272.5	4806.4
		72.5°	12115.7	10789.3	9463.0	8243.9	7023.6	5804.6	4584.3	3717.1	2849.9
		75°	5790.8	5260.5	4730.2	4092.6	3455.0	2817.4	2179.8	1801.8	1424.9
		77.5°	2146.1	1860.4	1573.4	1313.9	1054.4	796.1	536.5	491.6	446.7
		80°	555.3	484.1	411.8	360.6	308.2	257.0	205.9	185.9	167.2
		82.5°	63.6	58.6	54.9	52.4	48.7	46.2	42.4	38.7	34.9
		85°	3.7	2.5	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



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CATALOG NUMBER: GALN-SA4B-760-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1049078

CATALOG NUMBER: GALN-SA4B-760-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	72.4	72.4
0.0	0.0	2.5°	67.4	66.1
0.0	0.0	5°	71.1	69.9
0.0	0.0	7.5°	78.6	76.1
0.0	0.0	10°	86.1	83.6
0.0	0.0	12.5°	97.3	93.6
0.0	0.0	15°	109.8	102.3
0.0	0.0	17.5°	131.0	114.8
0.0	0.0	20°	177.2	136.0
0.0	0.0	22.5°	249.6	169.7
0.0	0.0	25°	366.8	234.6
0.0	0.0	27.5°	510.3	311.9
0.0	0.0	30°	678.8	390.5
0.0	0.0	32.5°	827.3	465.4
0.0	0.0	35°	1020.7	541.5
0.0	0.0	37.5°	1259.0	638.9
0.0	0.0	40°	1628.3	786.1
0.0	0.0	42.5°	2293.4	1058.1
0.0	0.0	45°	3724.5	1829.2
0.0	0.0	47.5°	5730.9	3025.8
0.0	0.0	50°	7011.1	3861.8
0.0	0.0	52.5°	7115.9	3855.6
0.0	0.0	55°	6495.8	3427.6
0.0	0.0	57.5°	5542.5	2864.8
0.0	0.0	60°	4606.7	2265.9
0.0	0.0	62.5°	3629.7	1564.7
0.0	0.0	65°	2652.7	1106.8
0.0	0.0	67.5°	1905.3	827.3
		70°	1252.7	633.9
		72.5°	816.0	516.6
		75°	549.0	428.0
		77.5°	320.7	284.5
		80°	113.5	99.8
		82.5°	21.2	15.0
		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: P1049078

CATALOG NUMBER: GALN-SA4B-760-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: SP1-2407-184-7

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-757-U-5WQ

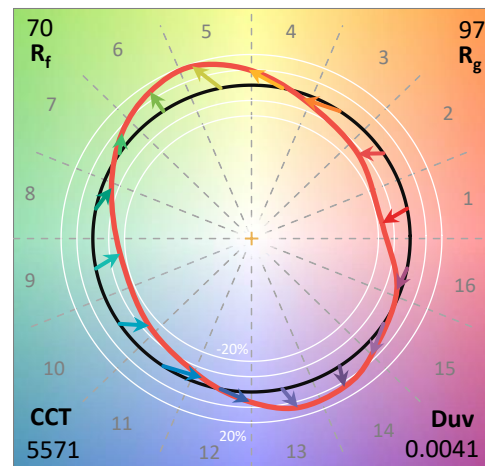
Data in this report applies to families of products including GSS-SB1A-757-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-7
 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-757-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 5700K CCT 26 LEDS

Spectral Parameters

CCT (K):	5571	CRI (Ra):	69.9		
CIE u':	0.2033	R1:	68.8	R9:	-35.4
CIE v':	0.4806	R2:	72.5	R10:	36.7
Duv:	0.0041	R3:	76.8	R11:	73.9
CIE x:	0.3308	R4:	72.0	R12:	47.8
CIE y:	0.3476	R5:	70.9	R13:	68.0
CIE z:	0.3216	R6:	65.6	R14:	87.0
Peak Wavelength (nm):	442	R7:	75.5	R15:	59.8
Dominant Wavelength (nm):	544	R8:	56.8		
Purity:	3.635698				
Rf:	70.4				
Rg:	97.1				



Test Conditions

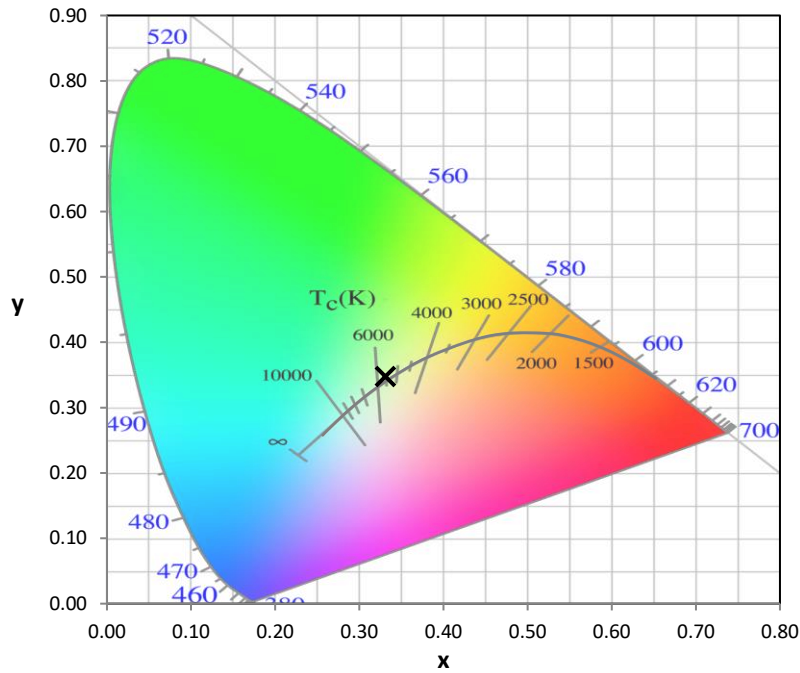
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-7

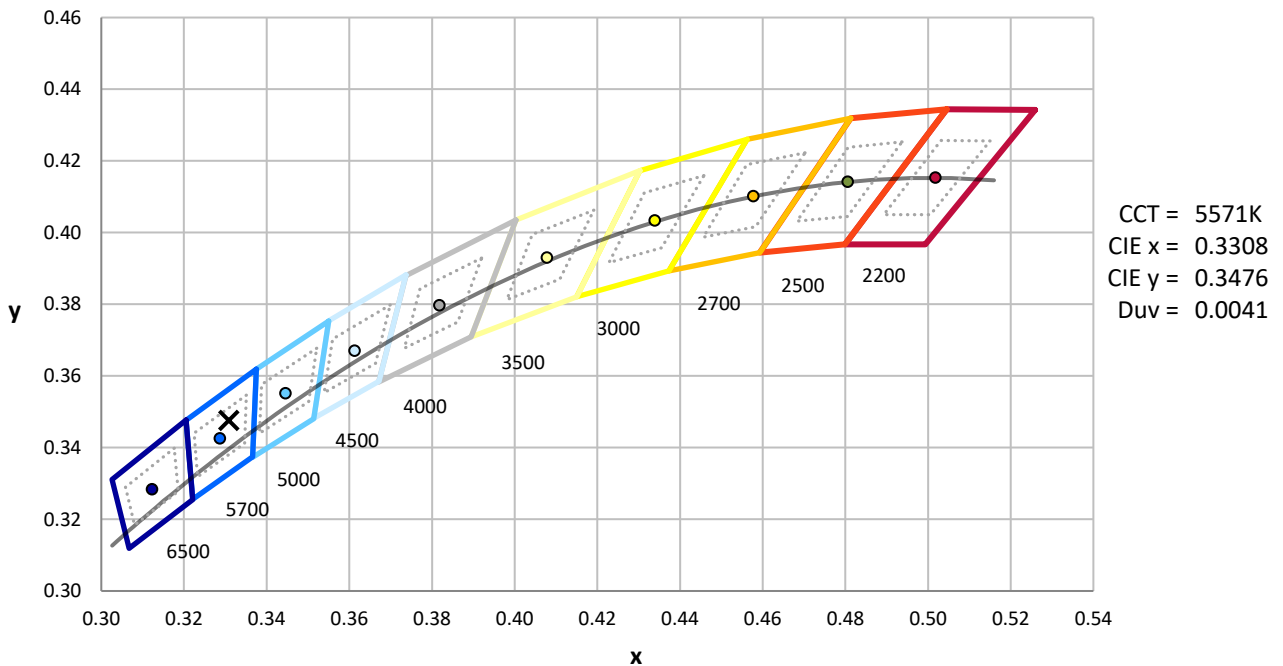
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-7

CIE 1931 Chromaticity Diagram



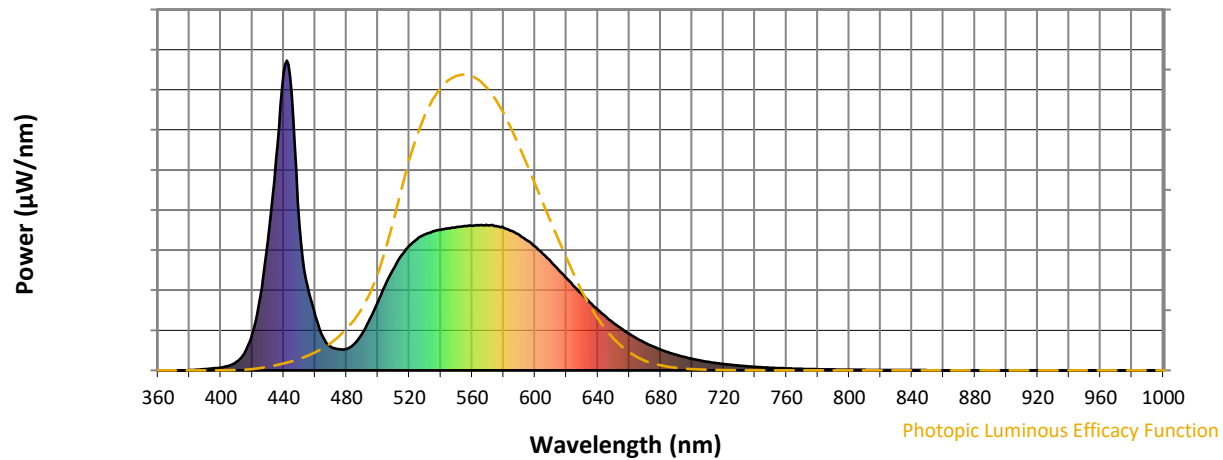
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-7

Photopic Flux vs. Wavelength

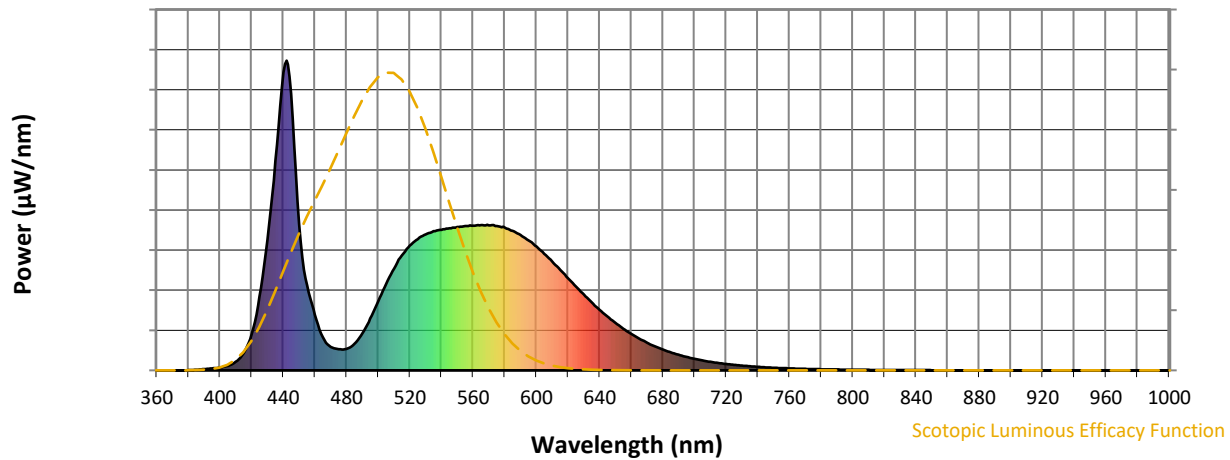


Photopic Lumens: NR

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-7

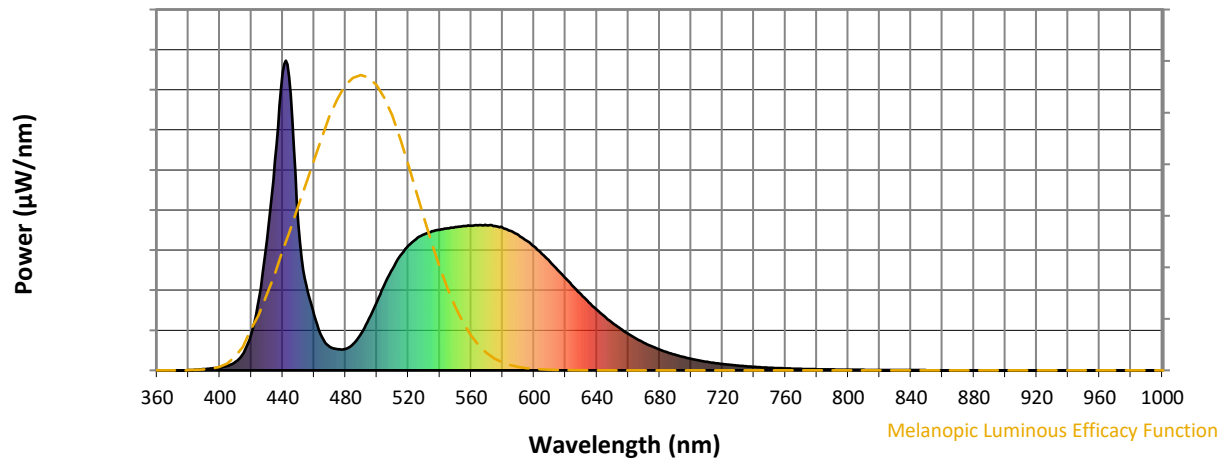
Scotopic Flux vs. Wavelength


Scotopic Lumens: NR
S/P: 1.84

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	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-7

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.71

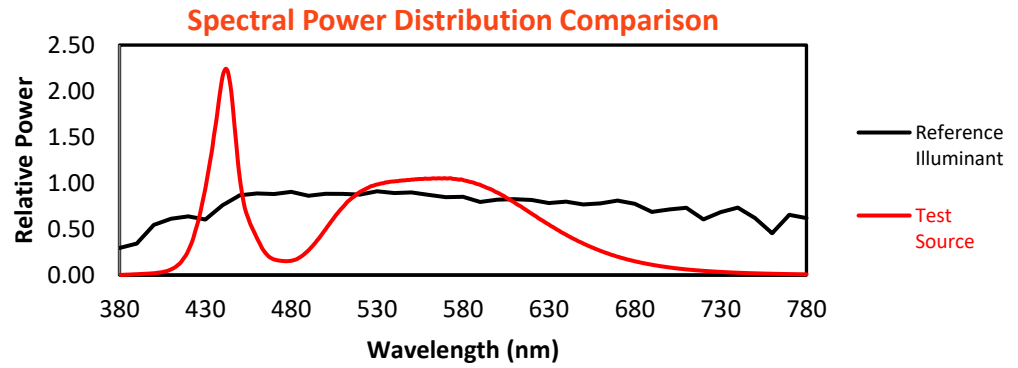
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	120	NR	620	298	NR	750	9	NR	880	0	NR
365	0	NR	495	167	NR	625	270	NR	755	7	NR	885	0	NR
370	0	NR	500	222	NR	630	245	NR	760	6	NR	890	0	NR
375	0	NR	505	279	NR	635	219	NR	765	6	NR	895	0	NR
380	1	NR	510	329	NR	640	196	NR	770	5	NR	900	0	NR
385	2	NR	515	371	NR	645	173	NR	775	4	NR	905	0	NR
390	4	NR	520	403	NR	650	153	NR	780	4	NR	910	0	NR
395	6	NR	525	424	NR	655	135	NR	785	3	NR	915	0	NR
400	9	NR	530	439	NR	660	117	NR	790	3	NR	920	0	NR
405	14	NR	535	449	NR	665	103	NR	795	2	NR	925	0	NR
410	28	NR	540	454	NR	670	89	NR	800	2	NR	930	0	NR
415	55	NR	545	459	NR	675	77	NR	805	2	NR	935	0	NR
420	118	NR	550	463	NR	680	67	NR	810	2	NR	940	0	NR
425	237	NR	555	466	NR	685	58	NR	815	1	NR	945	0	NR
430	420	NR	560	467	NR	690	50	NR	820	1	NR	950	0	NR
435	677	NR	565	469	NR	695	43	NR	825	1	NR	955	0	NR
440	962	NR	570	469	NR	700	37	NR	830	1	NR	960	0	NR
445	894	NR	575	466	NR	705	32	NR	835	1	NR	965	0	NR
450	472	NR	580	461	NR	710	28	NR	840	1	NR	970	0	NR
455	275	NR	585	450	NR	715	24	NR	845	1	NR	975	0	NR
460	180	NR	590	437	NR	720	21	NR	850	1	NR	980	0	NR
465	107	NR	595	420	NR	725	18	NR	855	0	NR	985	0	NR
470	76	NR	600	400	NR	730	15	NR	860	0	NR	990	0	NR
475	68	NR	605	376	NR	735	13	NR	865	0	NR	995	0	NR
480	69	NR	610	352	NR	740	11	NR	870	0	NR	1000	0	NR
485	86	NR	615	325	NR	745	10	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-7

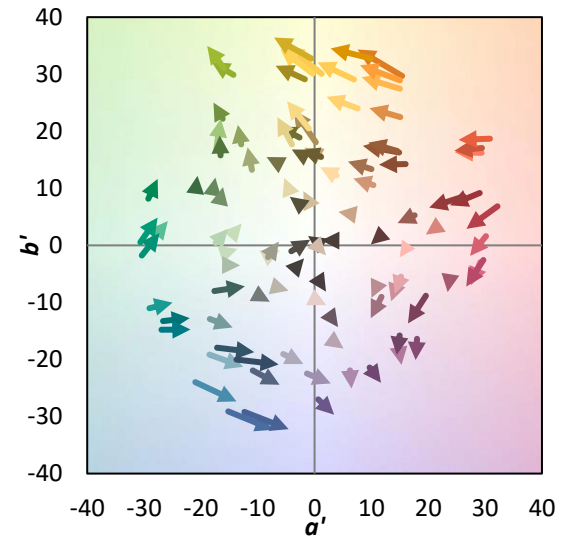
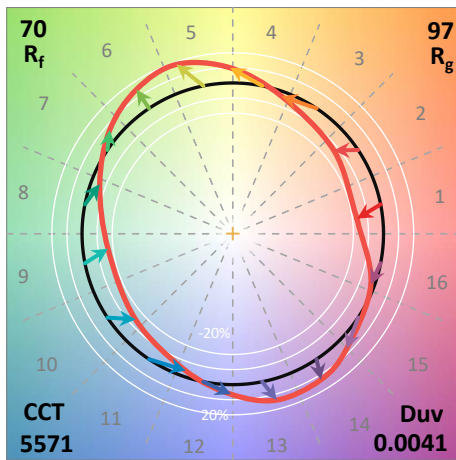
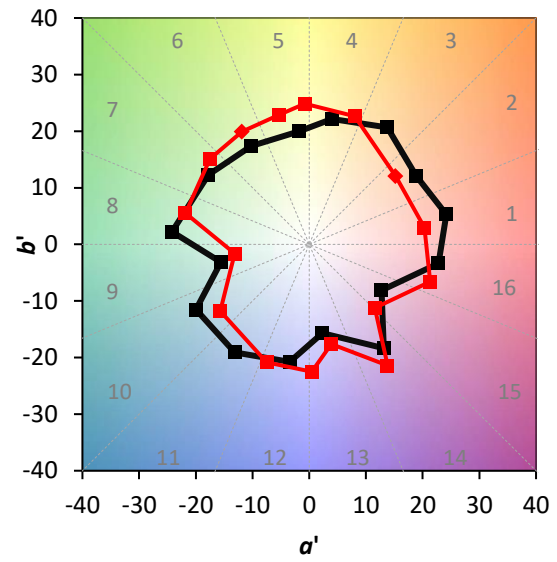
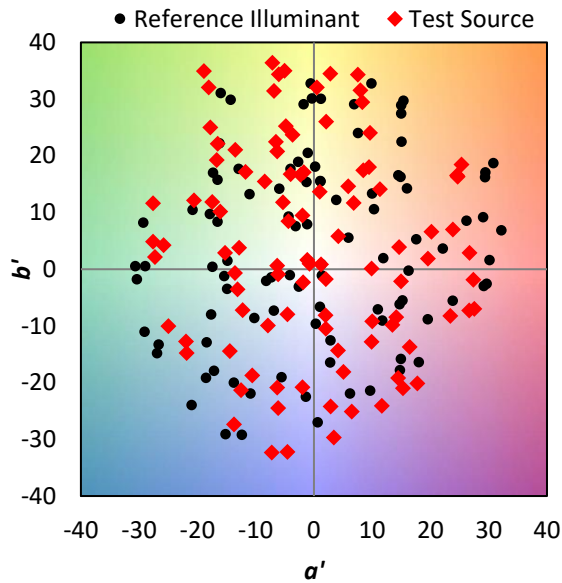
TM-30-18

Summary

$R_f = 70.4$
 $R_g = 97.1$
 $CIE R_a = 69.9$
 $R_g = -35.4$

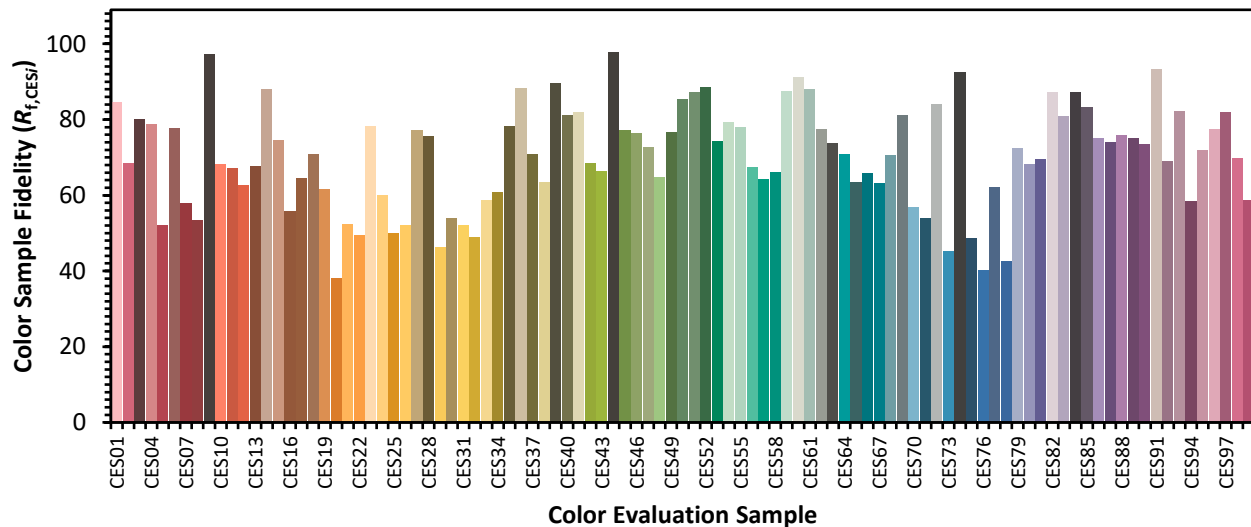


Color Vector Graphics

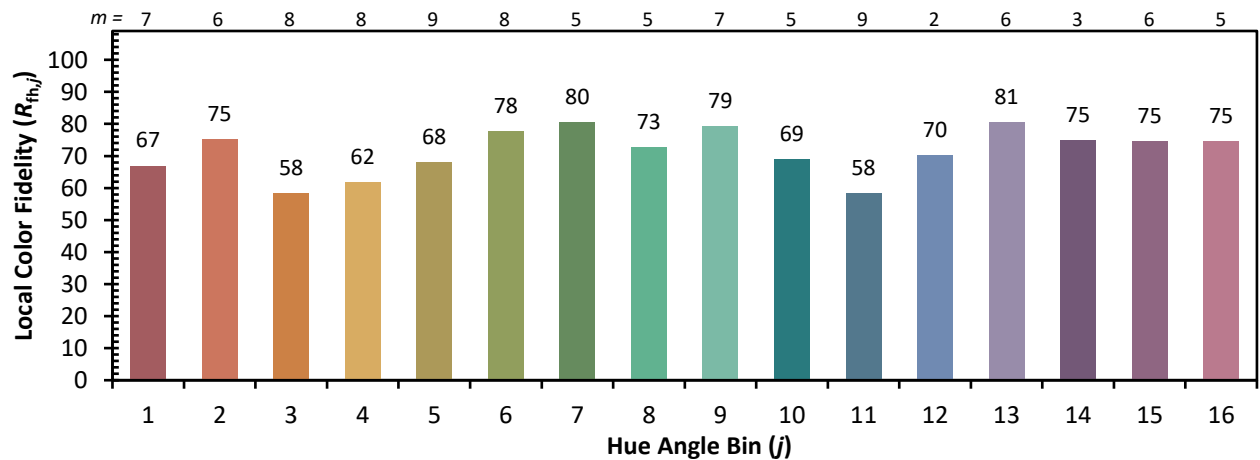
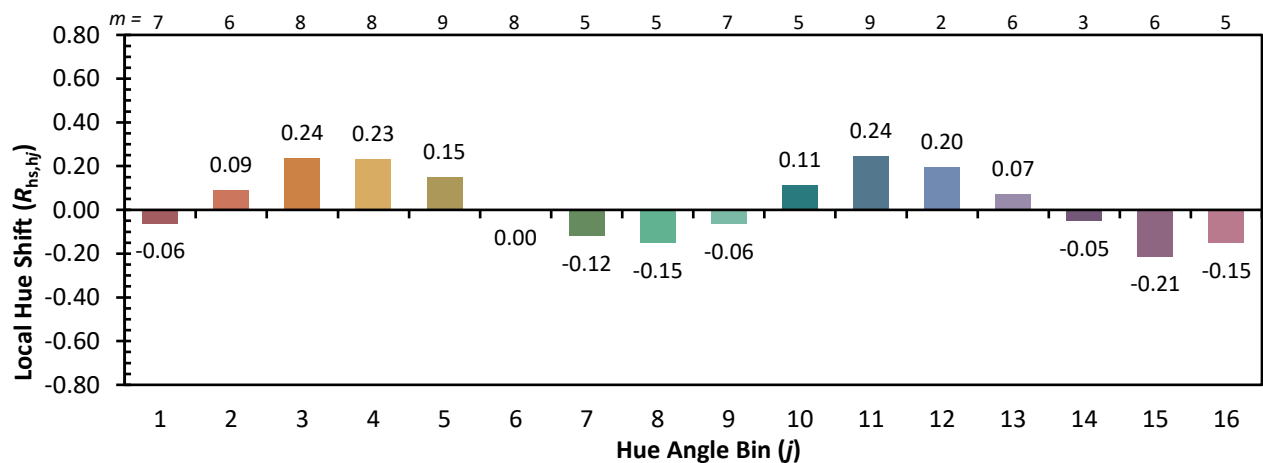
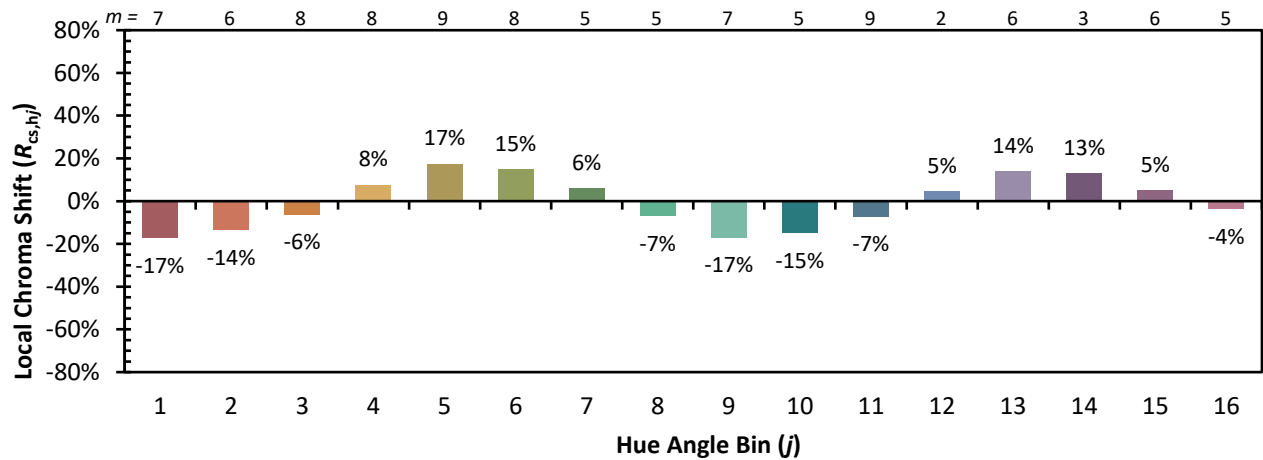


Individual Sample Fidelity Index ($R_{f,i}$)

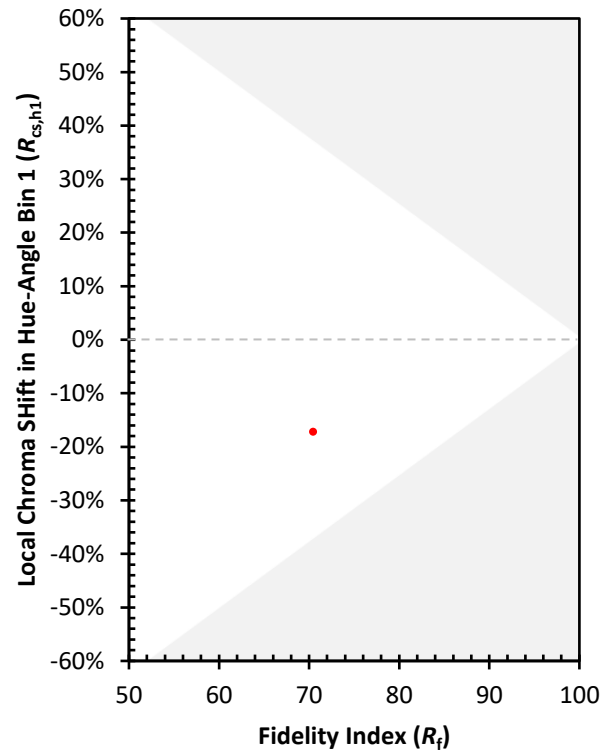
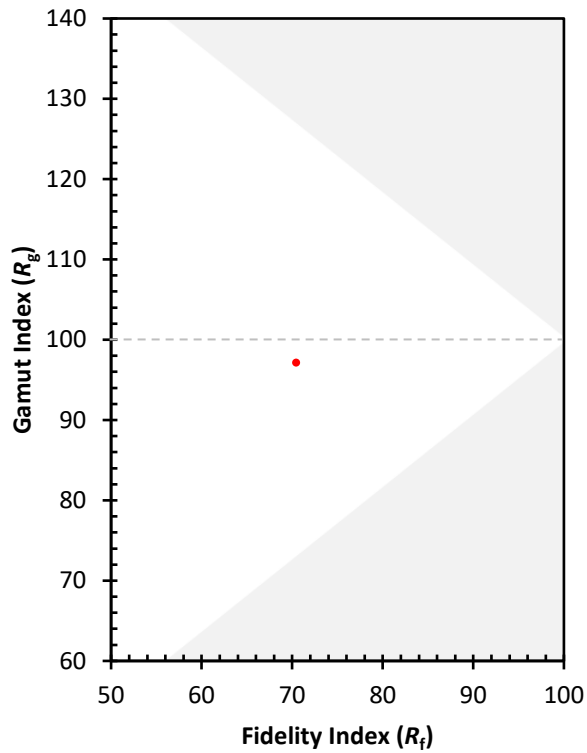
CES01 = 85	CES26 = 52	CES51 = 87	CES76 = 40
CES02 = 59	CES27 = 77	CES52 = 88	CES77 = 62
CES03 = 30	CES28 = 76	CES53 = 74	CES78 = 43
CES04 = 68	CES29 = 46	CES54 = 79	CES79 = 72
CES05 = 45	CES30 = 54	CES55 = 78	CES80 = 68
CES06 = 49	CES31 = 52	CES56 = 67	CES81 = 70
CES07 = 38	CES32 = 49	CES57 = 64	CES82 = 87
CES08 = 37	CES33 = 59	CES58 = 66	CES83 = 81
CES09 = 29	CES34 = 61	CES59 = 87	CES84 = 87
CES10 = 72	CES35 = 78	CES60 = 91	CES85 = 83
CES11 = 55	CES36 = 88	CES61 = 88	CES86 = 75
CES12 = 61	CES37 = 71	CES62 = 77	CES87 = 74
CES13 = 41	CES38 = 64	CES63 = 74	CES88 = 76
CES14 = 74	CES39 = 90	CES64 = 71	CES89 = 75
CES15 = 70	CES40 = 81	CES65 = 63	CES90 = 73
CES16 = 46	CES41 = 82	CES66 = 66	CES91 = 93
CES17 = 48	CES42 = 69	CES67 = 63	CES92 = 69
CES18 = 55	CES43 = 67	CES68 = 71	CES93 = 82
CES19 = 70	CES44 = 98	CES69 = 81	CES94 = 58
CES20 = 63	CES45 = 77	CES70 = 57	CES95 = 72
CES21 = 85	CES46 = 76	CES71 = 54	CES96 = 78
CES22 = 77	CES47 = 73	CES72 = 84	CES97 = 82
CES23 = 91	CES48 = 65	CES73 = 45	CES98 = 70
CES24 = 90	CES49 = 77	CES74 = 92	CES99 = 59
CES25 = 71	CES50 = 85	CES75 = 49	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)