

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: P1049267

Luminaire Tested: **GALN-SA6C-850-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049267
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6C-850-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 6xLight Square PACKAGE
80CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (84) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 27575.1 lumens
Efficiency: N/A
Efficacy: 97.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 282.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

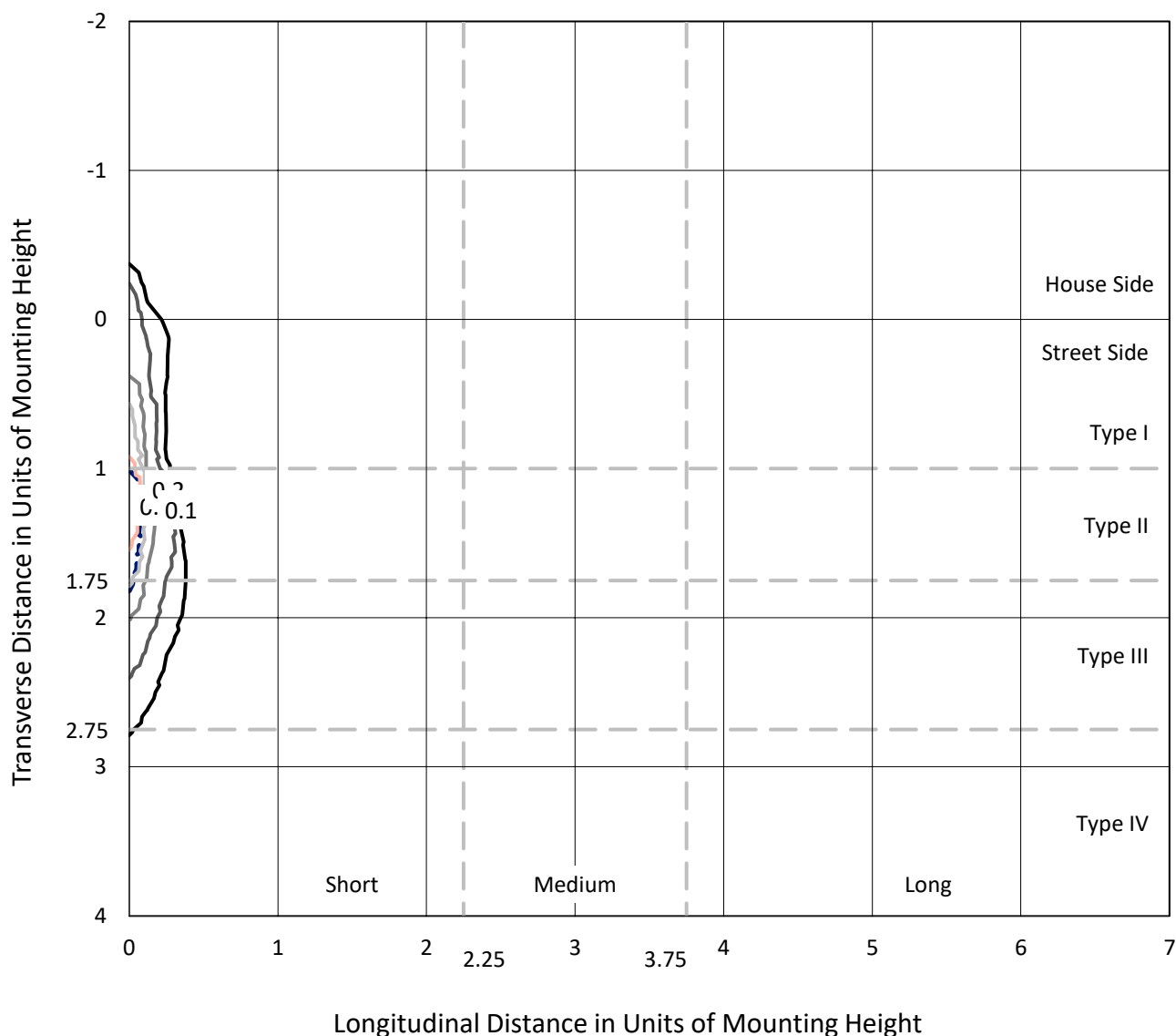
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

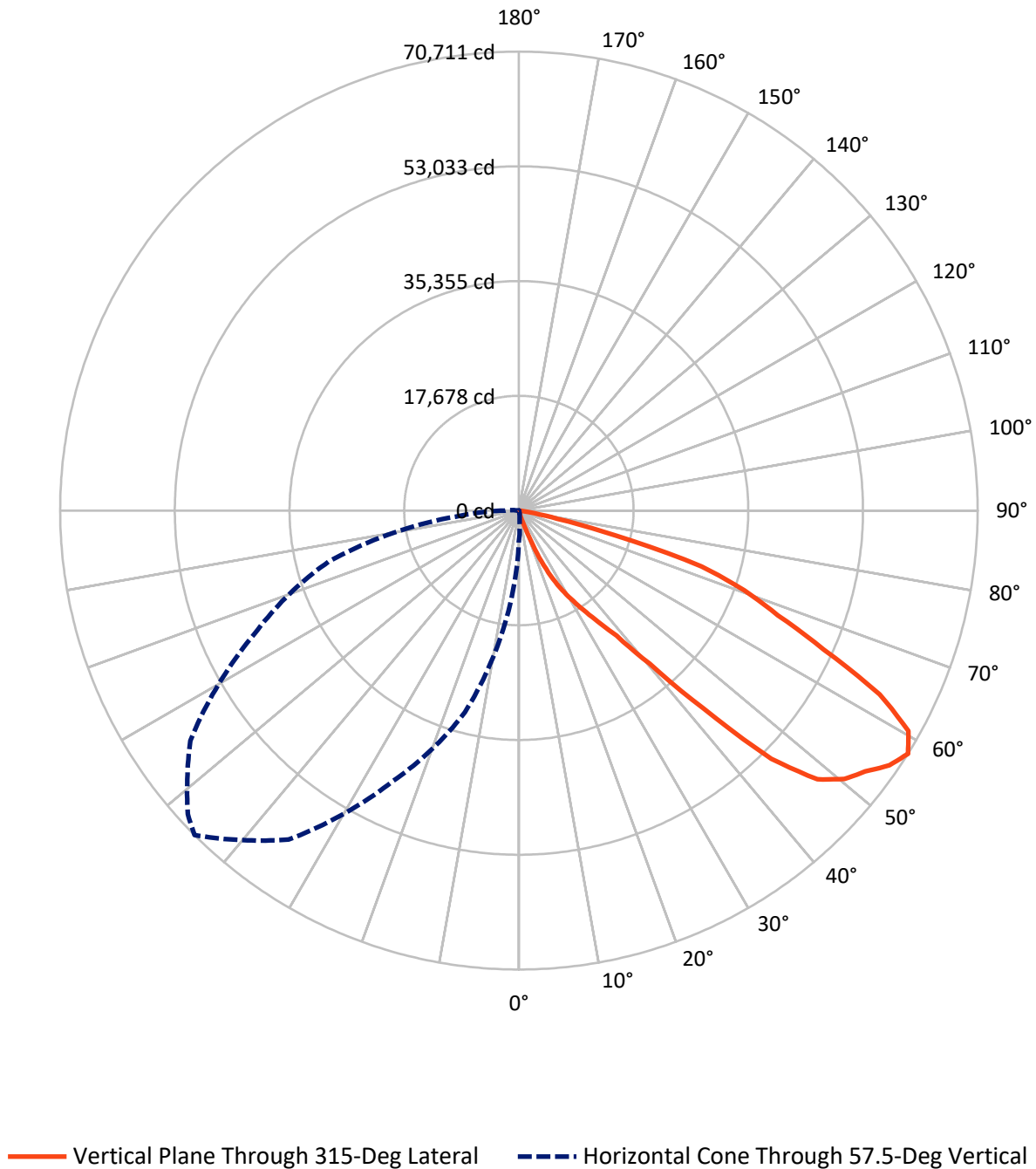


Based on 20 foot mounting height. Maximum calculated value = 4.1 fc

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	138.1	0.0	138.1
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	27437.1	0.0	27437.1
	% Fixture	99.5	0.0	99.5
Total	Lumens	27575.1	0.0	27575.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.8	0.0
10°-20°	60.6	0.2
20°-30°	653.5	2.4
30°-40°	1932.5	7.0
40°-50°	5759.4	20.9
50°-60°	9132.2	33.1
60°-70°	7623.2	27.6
70°-80°	2350.7	8.5
80°-90°	52.3	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°	27575.1	100.0
0°-180°	27575.1	100.0



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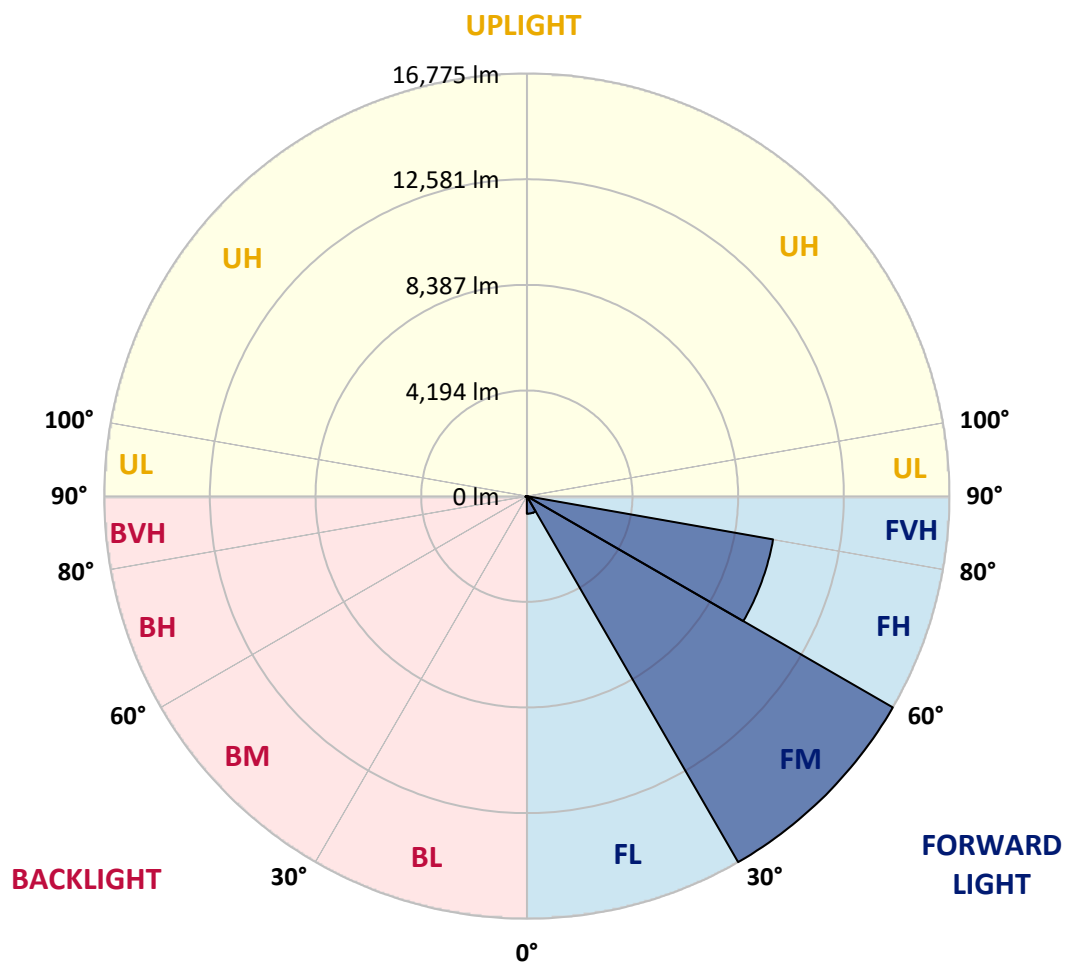
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	699.5	2.5			
FM	(30°-60°)	16774.7	60.8			
FH	(60°-80°)	9922.4	36.0			G4/12000
FVH	(80°-90°)	40.4	0.1			G1/100
BL	(0°-30°)	25.4	0.1	B0/110		
BM	(30°-60°)	49.4	0.2	B0/220		
BH	(60°-80°)	51.5	0.2	B0/110		G0/110
BVH	(80°-90°)	11.9	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9
2.5°	110.4	110.4	110.4	110.4	108.4	108.4	106.3	106.3	104.2	104.2
5°	116.7	116.7	114.6	112.5	112.5	110.4	108.4	106.3	106.3	104.2
7.5°	127.1	125.0	122.9	120.9	116.7	114.6	110.4	108.4	106.3	102.1
10°	139.6	135.4	131.3	127.1	122.9	118.8	114.6	112.5	108.4	106.3
12.5°	156.3	150.0	141.7	135.4	131.3	125.0	120.9	116.7	110.4	106.3
15°	170.9	162.5	152.1	143.8	137.5	129.2	122.9	116.7	112.5	106.3
17.5°	191.7	177.1	160.5	150.0	141.7	131.3	120.9	114.6	108.4	100.0
20°	227.1	198.0	166.7	154.2	141.7	129.2	116.7	108.4	102.1	93.8
22.5°	283.4	233.4	183.4	164.6	148.0	129.2	112.5	104.2	95.9	87.5
25°	391.8	302.2	212.6	187.5	162.5	137.5	112.5	102.1	93.8	83.4
27.5°	521.0	387.6	252.1	216.7	183.4	148.0	112.5	100.0	89.6	77.1
30°	652.2	475.1	295.9	250.1	204.2	158.4	112.5	97.9	85.4	70.9
32.5°	777.3	556.4	333.4	279.2	225.1	168.8	114.6	97.9	81.3	64.6
35°	904.4	623.1	339.7	283.4	227.1	168.8	112.5	93.8	77.1	58.3
37.5°	1066.9	698.1	327.2	270.9	216.7	160.5	106.3	89.6	72.9	54.2
40°	1312.8	823.1	333.4	275.1	216.7	158.4	100.0	83.4	68.8	52.1
42.5°	1767.1	1064.8	360.5	293.8	227.1	158.4	91.7	77.1	64.6	50.0
45°	3054.9	1769.2	483.4	383.4	283.4	183.4	83.4	70.9	60.4	47.9
47.5°	5053.3	2961.1	869.0	671.0	475.1	277.1	81.3	70.9	60.4	47.9
50°	6449.5	3771.7	1094.0	841.9	589.7	337.6	85.4	72.9	62.5	50.0
52.5°	6439.0	3830.1	1219.0	935.6	654.3	370.9	89.6	77.1	66.7	54.2
55°	5724.3	3484.2	1242.0	954.4	668.9	381.3	95.9	83.4	70.9	58.3
57.5°	4784.5	2959.0	1133.6	877.3	623.1	366.8	110.4	95.9	83.4	68.8
60°	3784.2	2333.9	883.5	698.1	514.7	329.2	145.9	127.1	110.4	91.7
62.5°	2613.1	1692.1	771.0	618.9	468.9	316.7	166.7	148.0	131.3	112.5
65°	1848.4	1273.2	696.0	566.8	439.7	310.5	181.3	160.5	141.7	120.9
67.5°	1381.6	1012.7	641.8	531.4	420.9	310.5	200.0	175.0	152.1	127.1
70°	1058.6	831.4	602.2	512.6	425.1	335.5	245.9	210.5	177.1	141.7
72.5°	862.7	710.6	556.4	491.8	427.2	362.6	298.0	252.1	206.3	158.4
75°	714.8	608.5	502.2	448.0	395.9	341.7	287.6	245.9	206.3	164.6
77.5°	475.1	433.4	389.7	358.4	327.2	293.8	262.6	227.1	193.8	158.4
80°	166.7	160.5	154.2	166.7	179.2	191.7	204.2	179.2	156.3	131.3
82.5°	25.0	22.9	20.8	22.9	25.0	27.1	29.2	31.3	33.3	35.4
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°	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9
0.0	2.5°	102.1	102.1	100.0	100.0	100.0	97.9	97.9	95.9	95.9	95.9
0.0	5°	100.0	100.0	97.9	95.9	93.8	93.8	91.7	89.6	89.6	87.5
0.0	7.5°	97.9	95.9	93.8	91.7	89.6	87.5	85.4	83.4	83.4	81.3
0.0	10°	100.0	95.9	93.8	89.6	87.5	85.4	81.3	79.2	77.1	77.1
0.0	12.5°	95.9	93.8	89.6	85.4	83.4	79.2	77.1	72.9	70.9	70.9
0.0	15°	95.9	91.7	85.4	81.3	77.1	75.0	70.9	66.7	64.6	62.5
0.0	17.5°	89.6	85.4	79.2	75.0	70.9	66.7	62.5	58.3	56.3	54.2
0.0	20°	81.3	77.1	70.9	64.6	60.4	56.3	52.1	47.9	45.8	43.8
0.0	22.5°	72.9	68.8	62.5	56.3	52.1	47.9	41.7	37.5	35.4	31.3
0.0	25°	68.8	62.5	56.3	50.0	43.8	39.6	33.3	27.1	22.9	18.8
0.0	27.5°	58.3	52.1	45.8	39.6	33.3	27.1	20.8	14.6	10.4	8.3
0.0	30°	50.0	43.8	37.5	31.3	22.9	16.7	10.4	2.1	2.1	2.1
0.0	32.5°	41.7	35.4	27.1	20.8	16.7	10.4	6.3	0.0	0.0	0.0
0.0	35°	33.3	27.1	18.8	12.5	10.4	6.3	4.2	0.0	0.0	0.0
0.0	37.5°	29.2	22.9	14.6	6.3	4.2	4.2	2.1	0.0	0.0	0.0
0.0	40°	27.1	18.8	10.4	2.1	2.1	2.1	0.0	0.0	0.0	0.0
0.0	42.5°	27.1	18.8	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	27.1	18.8	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	27.1	18.8	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	29.2	20.8	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	33.3	25.0	16.7	8.3	6.3	4.2	2.1	0.0	0.0	0.0
0.0	55°	41.7	37.5	31.3	27.1	20.8	14.6	6.3	0.0	0.0	0.0
0.0	57.5°	54.2	54.2	52.1	50.0	37.5	25.0	12.5	0.0	0.0	0.0
0.0	60°	72.9	72.9	72.9	72.9	54.2	37.5	18.8	0.0	0.0	0.0
0.0	62.5°	89.6	85.4	79.2	75.0	56.3	37.5	18.8	0.0	0.0	0.0
0.0	65°	89.6	81.3	70.9	60.4	45.8	31.3	14.6	0.0	0.0	0.0
0.0	67.5°	83.4	66.7	47.9	31.3	22.9	16.7	8.3	0.0	0.0	0.0
	70°	83.4	58.3	33.3	8.3	6.3	4.2	2.1	0.0	0.0	0.0
	72.5°	83.4	56.3	27.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	91.7	62.5	31.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	91.7	62.5	31.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	81.3	54.2	27.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	27.1	18.8	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9
0.0	2.5°	93.8	93.8	93.8	91.7	91.7	91.7	91.7	89.6	89.6	89.6
0.0	5°	85.4	85.4	83.4	83.4	81.3	81.3	79.2	79.2	77.1	77.1
0.0	7.5°	79.2	77.1	77.1	75.0	72.9	72.9	70.9	70.9	68.8	66.7
0.0	10°	72.9	70.9	70.9	68.8	66.7	64.6	64.6	62.5	60.4	58.3
0.0	12.5°	66.7	64.6	62.5	60.4	58.3	56.3	56.3	54.2	52.1	50.0
0.0	15°	58.3	56.3	54.2	52.1	50.0	47.9	47.9	45.8	43.8	41.7
0.0	17.5°	50.0	47.9	47.9	45.8	43.8	41.7	39.6	35.4	33.3	31.3
0.0	20°	37.5	35.4	33.3	31.3	29.2	25.0	22.9	18.8	14.6	12.5
0.0	22.5°	25.0	20.8	18.8	14.6	10.4	8.3	6.3	2.1	0.0	0.0
0.0	25°	8.3	6.3	4.2	2.1	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: P1049267

CATALOG NUMBER: GALN-SA6C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049267

CATALOG NUMBER: GALN-SA6C-850-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9
0.0	2.5°	87.5	87.5	87.5	85.4	85.4	85.4	85.4	85.4	85.4	85.4
0.0	5°	75.0	75.0	75.0	72.9	72.9	70.9	70.9	70.9	68.8	68.8
0.0	7.5°	64.6	62.5	62.5	60.4	60.4	58.3	58.3	58.3	56.3	56.3
0.0	10°	54.2	52.1	52.1	50.0	50.0	47.9	47.9	45.8	45.8	43.8
0.0	12.5°	47.9	45.8	43.8	41.7	41.7	39.6	37.5	37.5	35.4	33.3
0.0	15°	37.5	35.4	33.3	31.3	29.2	27.1	25.0	25.0	22.9	20.8
0.0	17.5°	25.0	20.8	18.8	16.7	16.7	14.6	12.5	10.4	8.3	6.3
0.0	20°	6.3	4.2	2.1	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



REPORT NUMBER: P1049267

CATALOG NUMBER: GALN-SA6C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049267

CATALOG NUMBER: GALN-SA6C-850-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°	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9
0.0	2.5°	85.4	83.4	83.4	83.4	85.4	85.4	85.4	85.4	85.4	85.4
0.0	5°	68.8	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
0.0	7.5°	56.3	54.2	54.2	54.2	54.2	52.1	52.1	52.1	52.1	52.1
0.0	10°	43.8	41.7	41.7	41.7	41.7	39.6	39.6	39.6	39.6	39.6
0.0	12.5°	31.3	31.3	29.2	29.2	29.2	27.1	27.1	27.1	27.1	25.0
0.0	15°	18.8	16.7	14.6	14.6	14.6	12.5	12.5	12.5	12.5	10.4
0.0	17.5°	4.2	4.2	2.1	2.1	2.1	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049267

CATALOG NUMBER: GALN-SA6C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049267

CATALOG NUMBER: GALN-SA6C-850-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9
0.0	2.5°	87.5	87.5	89.6	89.6	91.7	95.9	97.9	100.0	104.2	108.4
0.0	5°	68.8	70.9	70.9	72.9	75.0	77.1	79.2	81.3	85.4	89.6
0.0	7.5°	54.2	54.2	56.3	56.3	58.3	62.5	64.6	66.7	70.9	77.1
0.0	10°	41.7	41.7	43.8	43.8	45.8	50.0	52.1	54.2	58.3	64.6
0.0	12.5°	27.1	29.2	29.2	31.3	33.3	37.5	39.6	41.7	45.8	50.0
0.0	15°	12.5	14.6	14.6	16.7	18.8	22.9	25.0	27.1	31.3	37.5
0.0	17.5°	2.1	2.1	4.2	4.2	6.3	8.3	10.4	12.5	18.8	22.9
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	8.3
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
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: P1049267

CATALOG NUMBER: GALN-SA6C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049267

CATALOG NUMBER: GALN-SA6C-850-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°	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9
0.0	2.5°	114.6	118.8	122.9	127.1	131.3	135.4	137.5	141.7	143.8	145.9
0.0	5°	97.9	102.1	108.4	112.5	116.7	120.9	125.0	127.1	129.2	131.3
0.0	7.5°	85.4	89.6	95.9	100.0	104.2	108.4	112.5	116.7	118.8	120.9
0.0	10°	72.9	79.2	83.4	89.6	93.8	97.9	102.1	106.3	110.4	112.5
0.0	12.5°	58.3	64.6	70.9	75.0	81.3	87.5	91.7	95.9	100.0	104.2
0.0	15°	45.8	52.1	58.3	62.5	68.8	75.0	81.3	85.4	89.6	93.8
0.0	17.5°	33.3	39.6	45.8	50.0	56.3	62.5	66.7	72.9	77.1	81.3
0.0	20°	16.7	22.9	29.2	35.4	41.7	47.9	52.1	58.3	62.5	66.7
0.0	22.5°	2.1	8.3	14.6	18.8	25.0	31.3	35.4	41.7	45.8	50.0
0.0	25°	0.0	2.1	6.3	8.3	10.4	14.6	18.8	22.9	27.1	31.3
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.1	4.2	8.3	12.5	16.7
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	2.1	4.2
	85°	0.0	0.0	0.0	0.0	0.0	4.2	6.3	10.4	12.5	14.6
	87.5°	0.0	2.1	4.2	6.3	8.3	12.5	16.7	20.8	22.9	25.0
	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: P1049267

CATALOG NUMBER: GALN-SA6C-850-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
120.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
2.1											
8.3											
18.8											
27.1											
0.0											
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REPORT NUMBER: P1049267

CATALOG NUMBER: GALN-SA6C-850-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9
0.0	2.5°	148.0	148.0	148.0	148.0	145.9	145.9	145.9	143.8	143.8	141.7
0.0	5°	135.4	137.5	137.5	137.5	137.5	137.5	137.5	137.5	135.4	135.4
0.0	7.5°	125.0	127.1	129.2	129.2	131.3	131.3	131.3	129.2	129.2	127.1
0.0	10°	118.8	120.9	120.9	122.9	122.9	122.9	122.9	122.9	122.9	122.9
0.0	12.5°	110.4	112.5	114.6	114.6	116.7	116.7	116.7	116.7	114.6	114.6
0.0	15°	100.0	104.2	106.3	108.4	108.4	110.4	110.4	110.4	110.4	110.4
0.0	17.5°	91.7	95.9	97.9	100.0	100.0	102.1	102.1	104.2	104.2	104.2
0.0	20°	75.0	79.2	81.3	85.4	87.5	89.6	91.7	93.8	93.8	95.9
0.0	22.5°	58.3	62.5	64.6	68.8	70.9	72.9	75.0	77.1	79.2	81.3
0.0	25°	41.7	45.8	47.9	52.1	54.2	56.3	58.3	60.4	60.4	62.5
0.0	27.5°	22.9	27.1	31.3	33.3	37.5	39.6	41.7	43.8	45.8	47.9
0.0	30°	10.4	12.5	14.6	18.8	20.8	22.9	25.0	29.2	31.3	33.3
0.0	32.5°	0.0	0.0	2.1	6.3	8.3	10.4	12.5	14.6	14.6	16.7
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.1	4.2	6.3	8.3
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	4.2	4.2	4.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3
	82.5°	10.4	12.5	14.6	14.6	16.7	16.7	16.7	16.7	14.6	14.6
	85°	20.8	22.9	25.0	25.0	27.1	27.1	27.1	27.1	27.1	27.1
	87.5°	29.2	31.3	33.3	33.3	35.4	35.4	35.4	35.4	35.4	35.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049267

CATALOG NUMBER: GALN-SA6C-850-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
120.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.1	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											
6.3											
14.6											
27.1											
35.4											
0.0											
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REPORT NUMBER: P1049267

CATALOG NUMBER: GALN-SA6C-850-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°	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9
0.0	2.5°	139.6	139.6	137.5	137.5	137.5	137.5	137.5	139.6	141.7	141.7
0.0	5°	133.4	133.4	131.3	131.3	131.3	133.4	133.4	135.4	137.5	139.6
0.0	7.5°	127.1	125.0	125.0	127.1	127.1	129.2	129.2	131.3	133.4	135.4
0.0	10°	122.9	120.9	120.9	120.9	122.9	122.9	125.0	127.1	129.2	131.3
0.0	12.5°	114.6	114.6	114.6	114.6	116.7	116.7	118.8	120.9	125.0	127.1
0.0	15°	110.4	108.4	108.4	108.4	108.4	110.4	110.4	114.6	118.8	120.9
0.0	17.5°	102.1	102.1	100.0	100.0	102.1	102.1	104.2	108.4	112.5	114.6
0.0	20°	93.8	91.7	89.6	89.6	91.7	91.7	93.8	97.9	102.1	104.2
0.0	22.5°	81.3	79.2	79.2	79.2	79.2	81.3	81.3	85.4	91.7	95.9
0.0	25°	64.6	66.7	66.7	68.8	68.8	70.9	72.9	77.1	83.4	87.5
0.0	27.5°	50.0	52.1	52.1	56.3	58.3	60.4	62.5	68.8	75.0	79.2
0.0	30°	37.5	39.6	41.7	43.8	47.9	52.1	56.3	62.5	68.8	72.9
0.0	32.5°	22.9	27.1	29.2	33.3	37.5	41.7	45.8	52.1	60.4	66.7
0.0	35°	16.7	18.8	22.9	25.0	29.2	33.3	37.5	45.8	52.1	60.4
0.0	37.5°	8.3	12.5	16.7	20.8	25.0	29.2	33.3	41.7	50.0	56.3
0.0	40°	6.3	10.4	12.5	16.7	22.9	27.1	31.3	39.6	47.9	56.3
0.0	42.5°	4.2	6.3	8.3	14.6	18.8	25.0	31.3	39.6	47.9	56.3
0.0	45°	4.2	4.2	6.3	12.5	18.8	27.1	33.3	41.7	47.9	56.3
0.0	47.5°	4.2	6.3	8.3	16.7	20.8	27.1	33.3	39.6	47.9	54.2
0.0	50°	6.3	8.3	10.4	18.8	22.9	29.2	33.3	41.7	47.9	56.3
0.0	52.5°	4.2	6.3	8.3	16.7	22.9	31.3	37.5	45.8	54.2	60.4
0.0	55°	2.1	2.1	2.1	12.5	25.0	35.4	47.9	54.2	62.5	68.8
0.0	57.5°	0.0	0.0	0.0	8.3	25.0	39.6	54.2	62.5	70.9	77.1
0.0	60°	0.0	0.0	0.0	8.3	25.0	39.6	54.2	64.6	75.0	85.4
0.0	62.5°	0.0	0.0	0.0	8.3	20.8	33.3	45.8	62.5	81.3	97.9
0.0	65°	0.0	0.0	0.0	6.3	16.7	27.1	37.5	62.5	87.5	110.4
0.0	67.5°	0.0	0.0	0.0	6.3	16.7	25.0	35.4	62.5	87.5	114.6
	70°	0.0	0.0	0.0	6.3	16.7	27.1	37.5	62.5	87.5	112.5
	72.5°	0.0	0.0	0.0	6.3	18.8	29.2	41.7	62.5	83.4	104.2
	75°	0.0	0.0	0.0	8.3	18.8	31.3	43.8	62.5	81.3	97.9
	77.5°	0.0	0.0	0.0	6.3	18.8	29.2	41.7	60.4	79.2	95.9
	80°	6.3	4.2	4.2	10.4	18.8	27.1	35.4	54.2	75.0	93.8
	82.5°	12.5	12.5	10.4	14.6	18.8	25.0	31.3	47.9	66.7	83.4
	85°	25.0	25.0	22.9	25.0	25.0	27.1	29.2	37.5	45.8	54.2
	87.5°	33.3	33.3	31.3	31.3	31.3	29.2	29.2	29.2	29.2	27.1
	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: P1049267

CATALOG NUMBER: GALN-SA6C-850-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
120.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
133.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.6	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5											
125.0											
116.7											
114.6											
112.5											
100.0											
62.5											
27.1											
0.0											
0.0											
0.0											
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0.0											
0.0											

REPORT NUMBER: P1049267

CATALOG NUMBER: GALN-SA6C-850-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9
0.0	2.5°	145.9	148.0	148.0	150.0	152.1	154.2	154.2	156.3	156.3	156.3
0.0	5°	143.8	148.0	150.0	152.1	154.2	156.3	158.4	160.5	162.5	162.5
0.0	7.5°	141.7	143.8	148.0	150.0	154.2	156.3	160.5	162.5	164.6	166.7
0.0	10°	137.5	141.7	145.9	150.0	154.2	158.4	162.5	166.7	170.9	173.0
0.0	12.5°	133.4	139.6	143.8	148.0	154.2	160.5	164.6	170.9	175.0	179.2
0.0	15°	131.3	135.4	141.7	145.9	154.2	162.5	168.8	177.1	185.5	191.7
0.0	17.5°	125.0	133.4	139.6	145.9	154.2	164.6	173.0	181.3	193.8	206.3
0.0	20°	116.7	122.9	131.3	137.5	150.0	160.5	173.0	183.4	202.1	220.9
0.0	22.5°	108.4	116.7	122.9	131.3	145.9	158.4	173.0	185.5	216.7	245.9
0.0	25°	100.0	110.4	118.8	127.1	143.8	160.5	177.1	193.8	245.9	298.0
0.0	27.5°	95.9	104.2	114.6	122.9	143.8	166.7	187.5	208.4	291.7	373.0
0.0	30°	89.6	100.0	108.4	118.8	145.9	173.0	200.0	227.1	354.3	481.4
0.0	32.5°	83.4	93.8	104.2	114.6	150.0	185.5	218.8	254.2	420.9	585.6
0.0	35°	77.1	89.6	100.0	110.4	156.3	204.2	250.1	295.9	481.4	664.7
0.0	37.5°	75.0	87.5	97.9	108.4	158.4	206.3	256.3	304.2	487.6	671.0
0.0	40°	77.1	87.5	100.0	110.4	152.1	193.8	233.4	275.1	466.8	656.4
0.0	42.5°	77.1	89.6	102.1	114.6	148.0	181.3	214.6	248.0	460.5	673.1
0.0	45°	75.0	87.5	100.0	112.5	143.8	173.0	204.2	233.4	498.0	760.6
0.0	47.5°	72.9	85.4	97.9	110.4	141.7	173.0	204.2	235.5	643.9	1050.2
0.0	50°	72.9	85.4	95.9	106.3	143.8	183.4	220.9	258.4	937.7	1615.0
0.0	52.5°	77.1	87.5	95.9	104.2	148.0	193.8	237.6	281.3	1192.0	2100.5
0.0	55°	83.4	89.6	97.9	104.2	158.4	210.5	264.6	316.7	1269.1	2221.4
0.0	57.5°	91.7	97.9	104.2	110.4	177.1	243.8	308.4	375.1	1275.3	2173.4
0.0	60°	102.1	110.4	116.7	122.9	193.8	266.7	337.6	408.4	1154.4	1898.4
0.0	62.5°	125.0	135.4	143.8	154.2	223.0	289.7	358.4	425.1	958.6	1492.0
0.0	65°	143.8	152.1	160.5	168.8	235.5	304.2	370.9	437.6	812.7	1187.8
0.0	67.5°	148.0	156.3	162.5	170.9	239.6	308.4	375.1	443.9	696.0	946.1
	70°	150.0	160.5	173.0	183.4	254.2	325.1	393.8	464.7	616.8	768.9
	72.5°	143.8	164.6	183.4	202.1	268.8	333.4	400.1	464.7	573.1	681.4
	75°	143.8	173.0	200.0	227.1	277.1	325.1	375.1	423.0	506.4	589.7
	77.5°	152.1	189.6	227.1	264.6	293.8	320.9	350.1	377.2	431.4	485.5
	80°	152.1	191.7	229.2	268.8	281.3	295.9	308.4	320.9	327.2	333.4
	82.5°	131.3	162.5	193.8	225.1	210.5	195.9	181.3	166.7	156.3	143.8
	85°	66.7	72.9	77.1	81.3	75.0	68.8	62.5	56.3	52.1	45.8
	87.5°	27.1	27.1	25.0	25.0	25.0	25.0	22.9	22.9	22.9	22.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049267

CATALOG NUMBER: GALN-SA6C-850-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
120.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
202.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
223.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
256.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
327.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
443.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
616.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
835.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1044.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1185.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1292.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1398.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1606.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2023.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3084.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4724.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5947.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6082.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5488.8	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4692.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3667.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2771.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2046.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1448.3											
1077.3											
783.5											
589.7											
331.3											
150.0											
43.8											
20.8											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1049267

CATALOG NUMBER: GALN-SA6C-850-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°	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9
0.0	2.5°	156.3	154.2	154.2	152.1	150.0	148.0	145.9	143.8	141.7	139.6
0.0	5°	162.5	162.5	162.5	160.5	160.5	158.4	158.4	156.3	154.2	152.1
0.0	7.5°	168.8	170.9	170.9	173.0	173.0	173.0	173.0	170.9	170.9	170.9
0.0	10°	179.2	181.3	183.4	185.5	187.5	189.6	189.6	191.7	191.7	191.7
0.0	12.5°	191.7	198.0	202.1	208.4	212.6	218.8	223.0	229.2	233.4	237.6
0.0	15°	210.5	220.9	233.4	243.8	254.2	268.8	285.5	300.1	314.7	337.6
0.0	17.5°	237.6	270.9	304.2	335.5	368.8	441.8	514.7	585.6	658.5	764.8
0.0	20°	289.7	389.7	487.6	587.6	685.6	941.9	1196.1	1452.4	1706.7	1979.6
0.0	22.5°	406.3	652.2	898.1	1144.0	1389.9	1925.5	2458.9	2994.5	3527.9	4155.2
0.0	25°	589.7	1041.9	1494.1	1944.2	2396.4	3234.1	4073.9	4911.6	5749.3	6564.1
0.0	27.5°	858.5	1550.4	2242.2	2931.9	3623.8	4759.5	5897.2	7032.9	8168.6	9089.7
0.0	30°	1189.9	2127.6	3065.3	4003.0	4940.8	6232.7	7524.7	8814.6	10106.6	11113.1
0.0	32.5°	1502.4	2650.6	3798.8	4944.9	6093.1	7564.3	9037.6	10508.7	11979.9	13080.2
0.0	35°	1706.7	3094.5	4484.4	5872.2	7260.1	8852.1	10444.2	12034.1	13626.2	14882.7
0.0	37.5°	1910.9	3513.3	5113.7	6716.2	8316.6	10064.9	11813.2	13561.6	15309.9	16862.3
0.0	40°	2140.1	4019.7	5897.2	7776.8	9654.4	11725.7	13794.9	15866.3	17935.5	20125.6
0.0	42.5°	2538.1	4859.5	7183.0	9504.3	11825.7	14566.0	17306.2	20044.4	22784.6	25910.3
0.0	45°	3286.2	6557.8	9831.5	13103.1	16374.7	20004.8	23636.9	27266.9	30896.9	35056.3
0.0	47.5°	5117.9	9619.0	14117.9	18619.0	23118.0	27037.7	30955.3	34875.0	38792.6	42935.2
0.0	50°	7831.0	13069.8	18308.5	23545.2	28783.9	32330.6	35875.2	39421.9	42966.5	46907.0
0.0	52.5°	9794.0	15251.5	20711.2	26168.7	31626.3	34827.0	38029.9	41230.6	44431.4	48113.5
0.0	55°	9941.9	15368.2	20796.6	26222.9	31649.2	34864.5	38079.9	41295.2	44510.6	48413.6
0.0	57.5°	8802.1	14184.6	19565.1	24947.6	30328.0	33989.3	37648.5	41309.8	44969.0	49188.8
0.0	60°	7487.2	12871.8	18254.3	23639.0	29021.5	33239.2	37458.9	41676.6	45894.3	49847.3
0.0	62.5°	5841.0	11379.8	16920.7	22459.5	27998.3	32280.6	36562.9	40843.0	45125.3	48090.6
0.0	65°	4353.1	9731.5	15109.8	20486.1	25864.5	29294.5	32724.5	36152.3	39582.3	41418.2
0.0	67.5°	3146.6	7785.2	12421.7	17060.3	21696.8	24151.6	26606.3	29059.0	31513.7	32918.2
	70°	2127.6	5340.9	8552.0	11765.3	14976.5	16993.6	19012.9	21030.0	23047.1	24943.4
	72.5°	1473.3	3277.9	5084.5	6889.1	8693.7	10723.4	12750.9	14780.6	16808.2	18814.9
	75°	977.3	1798.3	2621.5	3442.5	4263.5	5766.0	7270.5	8772.9	10275.4	11471.5
	77.5°	693.9	939.8	1187.8	1433.7	1679.6	1960.9	2244.3	2525.6	2806.9	3234.1
	80°	329.2	360.5	391.8	420.9	452.2	554.3	656.4	758.5	860.6	969.0
	82.5°	156.3	168.8	181.3	191.7	204.2	214.6	225.1	235.5	245.9	235.5
	85°	41.7	41.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	41.7
	87.5°	18.8	18.8	18.8	18.8	18.8	18.8	18.8	16.7	16.7	14.6
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
120.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
239.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
362.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
869.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2254.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4782.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7378.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10010.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12121.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14182.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16139.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18416.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22315.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29036.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39215.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47077.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50847.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51795.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52318.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53408.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53798.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51058.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43256.1	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34324.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26837.6											
20821.6											
12667.6											
3661.3											
1077.3											
223.0											
39.6											
14.6											
0.0											
0.0											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9
0.0	2.5°	135.4	133.4	131.3	129.2	127.1	122.9	122.9	120.9	120.9
0.0	5°	148.0	145.9	143.8	141.7	141.7	139.6	137.5	137.5	135.4
0.0	7.5°	168.8	166.7	164.6	162.5	162.5	160.5	160.5	158.4	158.4
0.0	10°	193.8	193.8	193.8	193.8	193.8	191.7	191.7	191.7	189.6
0.0	12.5°	243.8	245.9	250.1	254.2	260.5	260.5	260.5	258.4	258.4
0.0	15°	385.5	408.4	425.1	441.8	456.4	489.7	485.5	479.3	475.1
0.0	17.5°	975.2	1079.4	1135.7	1189.9	1246.1	1400.3	1375.3	1350.3	1327.4
0.0	20°	2527.7	2800.7	2982.0	3163.3	3346.6	3636.3	3565.4	3494.6	3423.7
0.0	22.5°	5407.5	6034.8	6307.8	6580.7	6851.6	7201.7	6974.6	6747.4	6522.4
0.0	25°	8191.5	9006.3	9466.8	9927.4	10385.8	10585.9	10289.9	9992.0	9696.1
0.0	27.5°	10931.8	11852.8	12259.2	12663.4	13069.8	13488.6	13121.9	12753.0	12386.3
0.0	30°	13128.1	14134.6	14574.3	15011.9	15451.6	15743.3	15364.1	14982.7	14603.5
0.0	32.5°	15282.8	16383.1	16864.4	17345.8	17825.1	18243.9	17777.1	17308.3	16841.5
0.0	35°	17393.7	18650.3	19312.9	19975.6	20638.2	21027.9	20473.6	19917.2	19362.9
0.0	37.5°	19969.3	21521.8	22263.6	23005.5	23747.3	24457.9	23847.3	23234.7	22624.1
0.0	40°	24505.8	26695.9	27833.7	28973.6	30111.3	31028.2	30257.2	29486.2	28715.2
0.0	42.5°	32161.8	35287.6	36923.4	38557.1	40192.9	41624.5	40813.9	40003.3	39192.7
0.0	45°	43374.9	47534.2	49528.4	51520.6	53514.8	54560.9	53394.0	52224.9	51058.0
0.0	47.5°	51218.4	55361.1	57136.5	58911.9	60687.4	61881.4	60454.0	59026.5	57601.2
0.0	50°	54785.9	58726.5	60508.1	62287.7	64069.4	65017.5	63369.2	61718.8	60070.5
0.0	52.5°	55475.7	59157.8	61283.3	63410.9	65536.4	66803.4	64857.1	62908.7	60962.4
0.0	55°	56221.7	60124.7	62589.9	65057.1	67522.3	69276.9	67076.4	64873.8	62673.2
0.0	57.5°	57626.2	61846.0	64304.9	66761.7	69220.6	70710.6	68503.8	66294.9	64088.2
0.0	60°	57751.2	61702.2	63815.2	65930.3	68043.3	68981.0	66870.1	64757.1	62646.2
0.0	62.5°	54023.3	56988.6	58455.6	59922.6	61389.6	62408.6	60206.0	58001.3	55798.7
0.0	65°	45092.0	46927.8	48096.9	49265.9	50434.9	51649.8	49632.6	47615.5	45598.3
0.0	67.5°	35729.3	37133.8	38673.8	40213.7	41753.7	43051.9	41436.9	39819.9	38204.9
	70°	28733.9	30628.1	32359.8	34091.4	35823.1	36885.9	35264.6	33641.3	32020.1
	72.5°	22828.3	24835.1	26281.3	27725.3	29171.5	29432.0	28240.1	27048.1	25858.2
	75°	13861.6	15057.7	15086.9	15114.0	15143.2	15391.2	14403.4	13415.7	12430.0
	77.5°	4088.5	4515.7	4867.8	5217.9	5570.1	5995.2	5632.6	5267.9	4905.3
	80°	1183.6	1292.0	1383.7	1473.3	1565.0	1510.8	1425.3	1339.9	1254.5
	82.5°	212.6	200.0	198.0	195.9	195.9	185.5	168.8	152.1	135.4
	85°	37.5	35.4	33.3	31.3	29.2	27.1	22.9	20.8	16.7
	87.5°	12.5	10.4	8.3	6.3	6.3	2.1	2.1	2.1	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-SA6C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049267

CATALOG NUMBER: GALN-SA6C-850-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°	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9	120.9
0.0	0.0	2.5°	118.8	116.7	116.7	116.7	116.7	114.6	114.6	114.6	114.6
0.0	0.0	5°	131.3	131.3	129.2	129.2	127.1	127.1	125.0	125.0	122.9
0.0	0.0	7.5°	154.2	152.1	150.0	148.0	145.9	141.7	139.6	137.5	137.5
0.0	0.0	10°	185.5	181.3	179.2	175.0	173.0	168.8	164.6	160.5	156.3
0.0	0.0	12.5°	243.8	235.5	229.2	220.9	212.6	206.3	198.0	191.7	183.4
0.0	0.0	15°	423.0	402.2	379.3	352.2	323.0	295.9	266.7	250.1	231.3
0.0	0.0	17.5°	1081.5	973.1	862.7	773.1	683.5	596.0	506.4	441.8	377.2
0.0	0.0	20°	2752.7	2452.7	2152.6	1856.7	1558.7	1262.8	964.8	814.8	664.7
0.0	0.0	22.5°	5180.4	4624.0	4065.6	3525.8	2984.0	2444.3	1904.6	1565.0	1227.4
0.0	0.0	25°	7995.7	7295.5	6595.3	5707.6	4817.8	3930.1	3042.4	2490.2	1938.0
0.0	0.0	27.5°	10404.6	9598.1	8791.7	7712.3	6632.8	5553.4	4474.0	3650.9	2829.8
0.0	0.0	30°	12490.5	11623.6	10756.7	9500.2	8243.6	6987.1	5730.5	4701.1	3671.7
0.0	0.0	32.5°	14299.2	13261.5	12223.7	10927.6	9631.5	8335.3	7039.2	5776.4	4513.6
0.0	0.0	35°	16385.1	15174.4	13961.7	12523.8	11083.9	9646.0	8208.2	6782.9	5355.4
0.0	0.0	37.5°	19035.8	17550.0	16062.2	14459.7	12857.2	11256.8	9654.4	8024.8	6395.3
0.0	0.0	40°	24109.9	22192.8	20275.7	18239.8	16201.8	14165.9	12130.0	10129.5	8129.0
0.0	0.0	42.5°	33201.6	30611.4	28021.2	25312.3	22601.2	19892.2	17181.2	14359.7	11536.1
0.0	0.0	45°	43462.4	40249.2	37033.8	33993.5	30951.1	27910.8	24870.5	20998.7	17127.0
0.0	0.0	47.5°	49232.5	45763.0	42293.4	39415.6	36537.9	33660.1	30782.3	26608.4	22434.5
0.0	0.0	50°	51356.0	47823.9	44291.8	41643.2	38992.6	36344.1	33693.4	29513.3	25331.0
0.0	0.0	52.5°	51808.2	48205.2	44602.3	41937.1	39271.8	36608.7	33943.5	29790.4	25637.3
0.0	0.0	55°	52737.5	48872.0	45004.5	41966.2	38928.0	35889.8	32851.6	28631.8	24412.1
0.0	0.0	57.5°	53952.4	49989.0	46025.5	42564.3	39103.1	35643.9	32182.7	27569.1	22955.5
0.0	0.0	60°	53633.6	50184.9	46734.0	43026.9	39317.7	35610.6	31901.3	26827.2	21751.0
0.0	0.0	62.5°	48098.9	45352.5	42603.9	39555.2	36504.5	33455.9	30407.2	25183.1	19958.9
0.0	0.0	65°	39569.8	37565.2	35560.5	33107.9	30653.1	28200.5	25747.8	21063.3	16381.0
0.0	0.0	67.5°	32070.1	29811.3	27550.3	25595.7	23639.0	21684.3	19727.6	16041.3	12355.0
		70°	25479.0	23022.1	20563.2	18654.4	16743.6	14834.8	12926.0	10475.4	8026.9
		72.5°	20234.0	18018.9	15803.8	13767.9	11729.9	9694.0	7656.0	6207.7	4759.5
		75°	9671.1	8785.4	7899.8	6835.0	5770.1	4705.3	3640.4	3009.0	2379.7
		77.5°	3584.2	3107.0	2627.7	2194.3	1760.8	1329.5	896.0	821.0	746.0
		80°	927.3	808.5	687.7	602.2	514.7	429.3	343.8	310.5	279.2
		82.5°	106.3	97.9	91.7	87.5	81.3	77.1	70.9	64.6	58.3
		85°	6.3	4.2	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-SA6C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049267

CATALOG NUMBER: GALN-SA6C-850-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	120.9	120.9
0.0	0.0	2.5°	112.5	110.4
0.0	0.0	5°	118.8	116.7
0.0	0.0	7.5°	131.3	127.1
0.0	0.0	10°	143.8	139.6
0.0	0.0	12.5°	162.5	156.3
0.0	0.0	15°	183.4	170.9
0.0	0.0	17.5°	218.8	191.7
0.0	0.0	20°	295.9	227.1
0.0	0.0	22.5°	416.8	283.4
0.0	0.0	25°	612.6	391.8
0.0	0.0	27.5°	852.3	521.0
0.0	0.0	30°	1133.6	652.2
0.0	0.0	32.5°	1381.6	777.3
0.0	0.0	35°	1704.6	904.4
0.0	0.0	37.5°	2102.6	1066.9
0.0	0.0	40°	2719.4	1312.8
0.0	0.0	42.5°	3830.1	1767.1
0.0	0.0	45°	6220.2	3054.9
0.0	0.0	47.5°	9571.0	5053.3
0.0	0.0	50°	11709.0	6449.5
0.0	0.0	52.5°	11884.1	6439.0
0.0	0.0	55°	10848.4	5724.3
0.0	0.0	57.5°	9256.4	4784.5
0.0	0.0	60°	7693.5	3784.2
0.0	0.0	62.5°	6061.9	2613.1
0.0	0.0	65°	4430.2	1848.4
0.0	0.0	67.5°	3182.0	1381.6
		70°	2092.2	1058.6
		72.5°	1362.8	862.7
		75°	916.9	714.8
		77.5°	535.5	475.1
		80°	189.6	166.7
		82.5°	35.4	25.0
		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: P1049267

CATALOG NUMBER: GALN-SA6C-850-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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

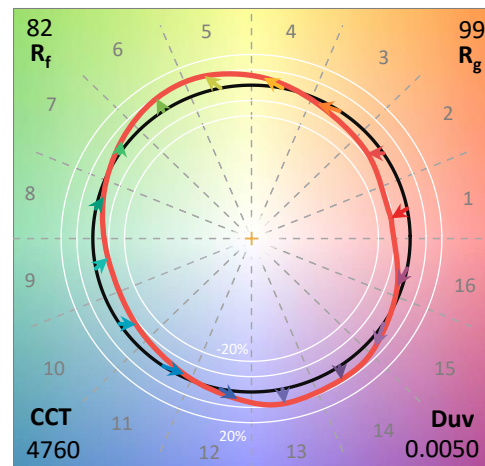
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-12
 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-850-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4760
 CIE u' : 0.2107
 CIE v' : 0.4939
 Duv: 0.0050
 CIE x: 0.3537
 CIE y: 0.3685
 CIE z: 0.2779
 Peak Wavelength (nm): 443
 Dominant Wavelength (nm): 571
 Purity: 16.69598
 R_f: 82
 R_g: 99.4

CRI (Ra): 81.1
 R1: 79.8
 R2: 83.5
 R3: 87.9
 R4: 83.1
 R5: 80.5
 R6: 79.1
 R7: 86.1
 R8: 69.0
 R9: 8.7
 R10: 62.4
 R11: 83.8
 R12: 63.0
 R13: 79.9
 R14: 93.3
 R15: 72.7



Test Conditions

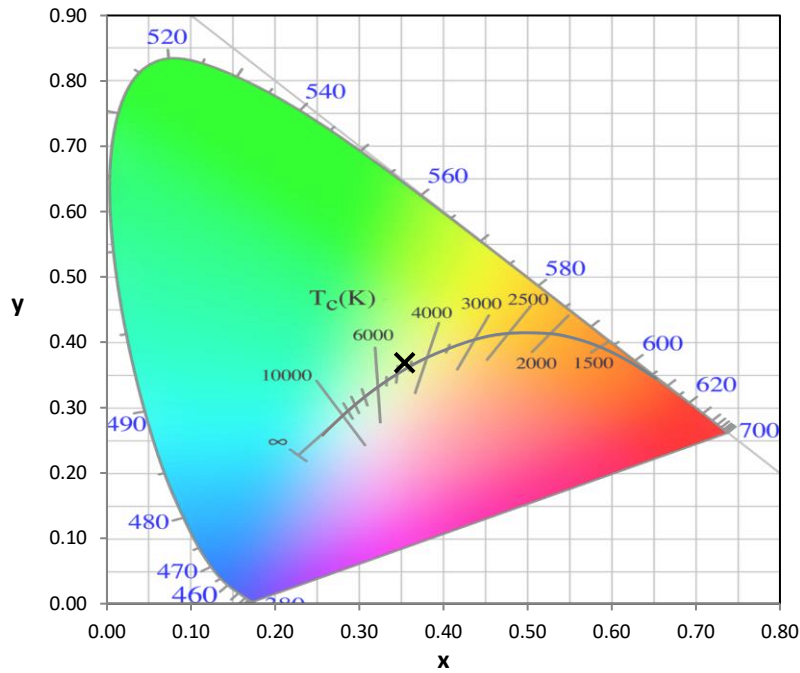
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-12

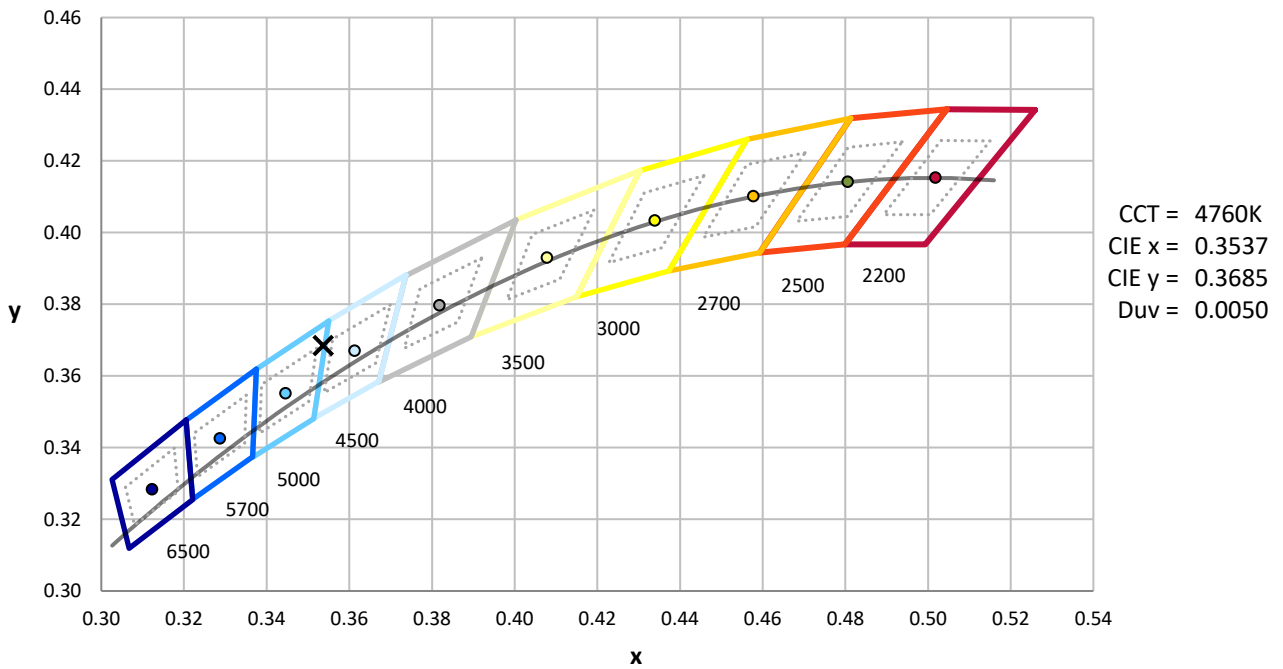
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



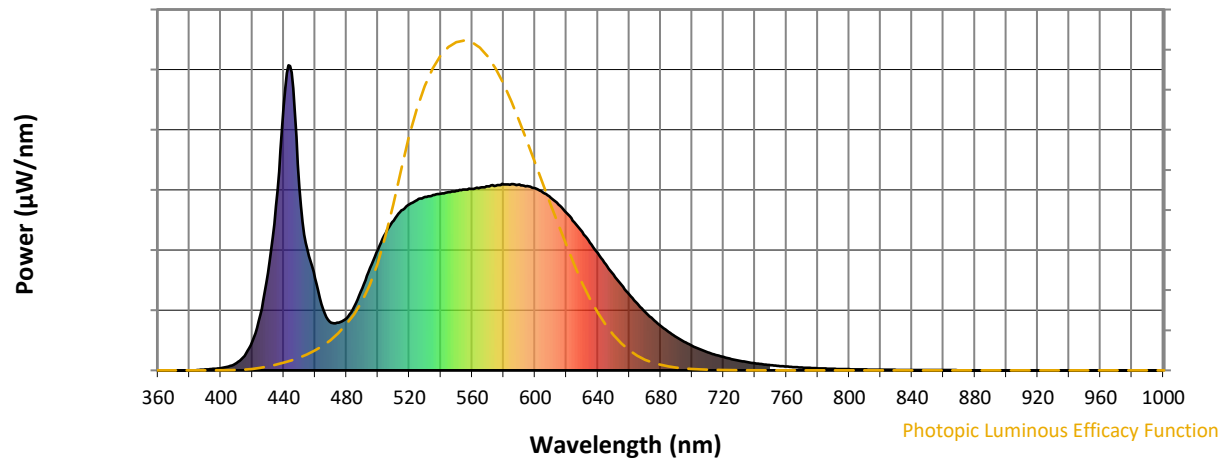
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

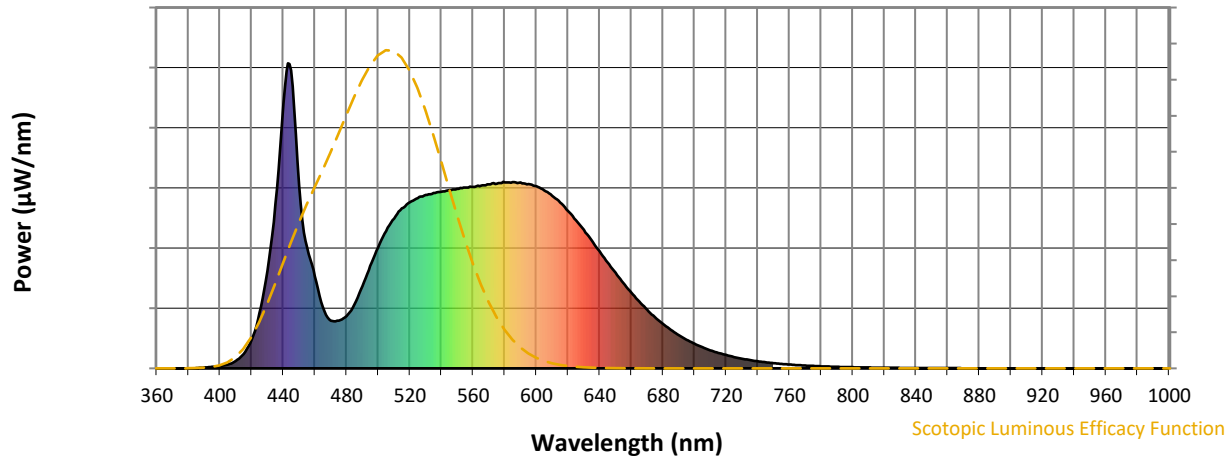


Photopic Lumens: NR

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Scotopic Flux vs. Wavelength



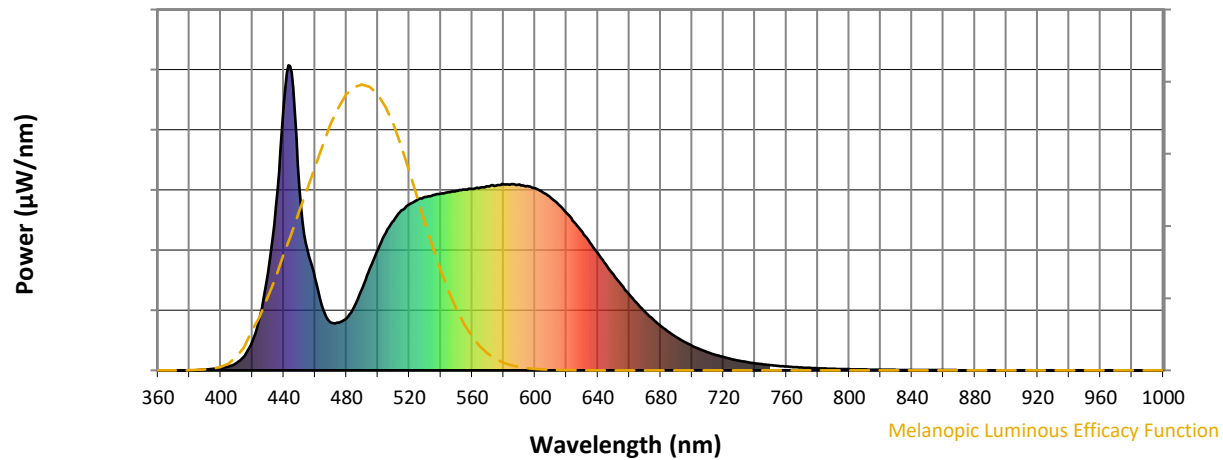
Scotopic Lumens: NR

S/P: 1.83

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 3.74

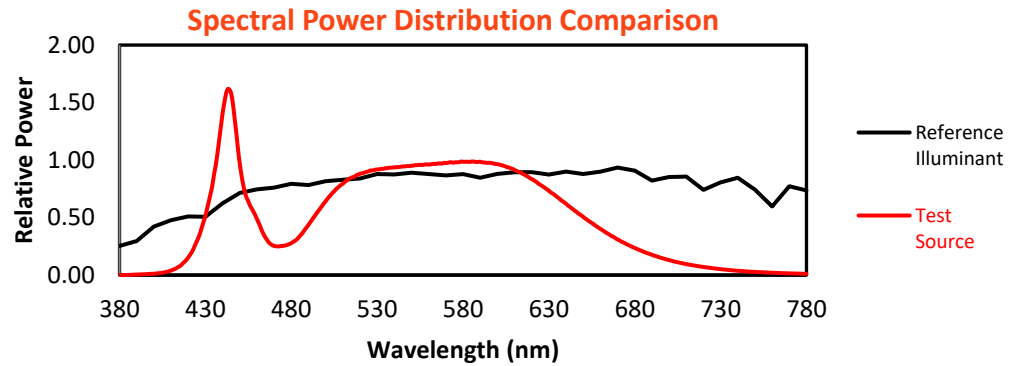
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

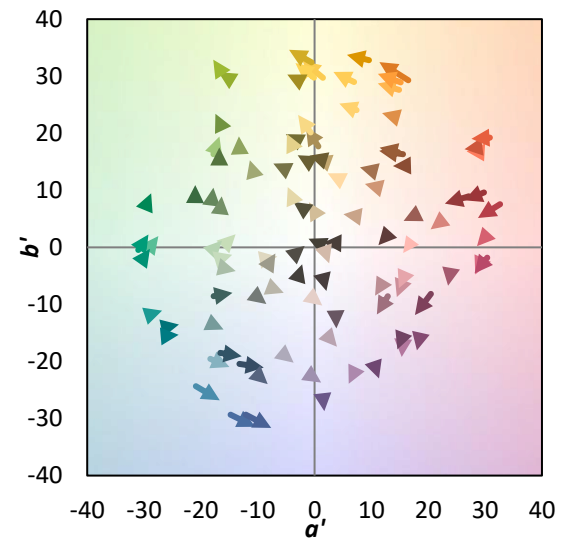
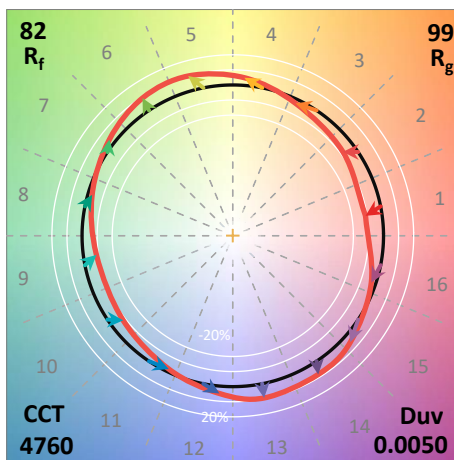
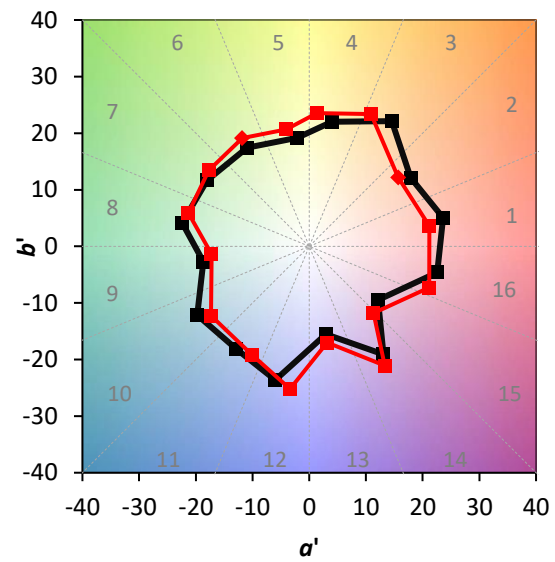
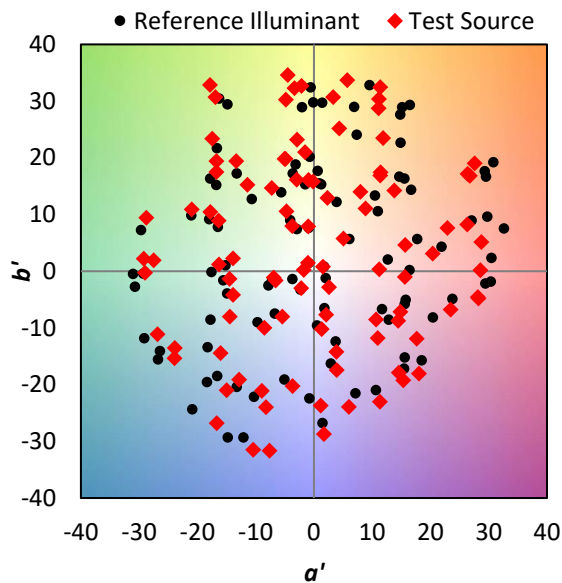
TM-30-18

Summary

$R_f = 82$
 $R_g = 99.4$
 $CIE R_a = 81.1$
 $R_9 = 8.7$

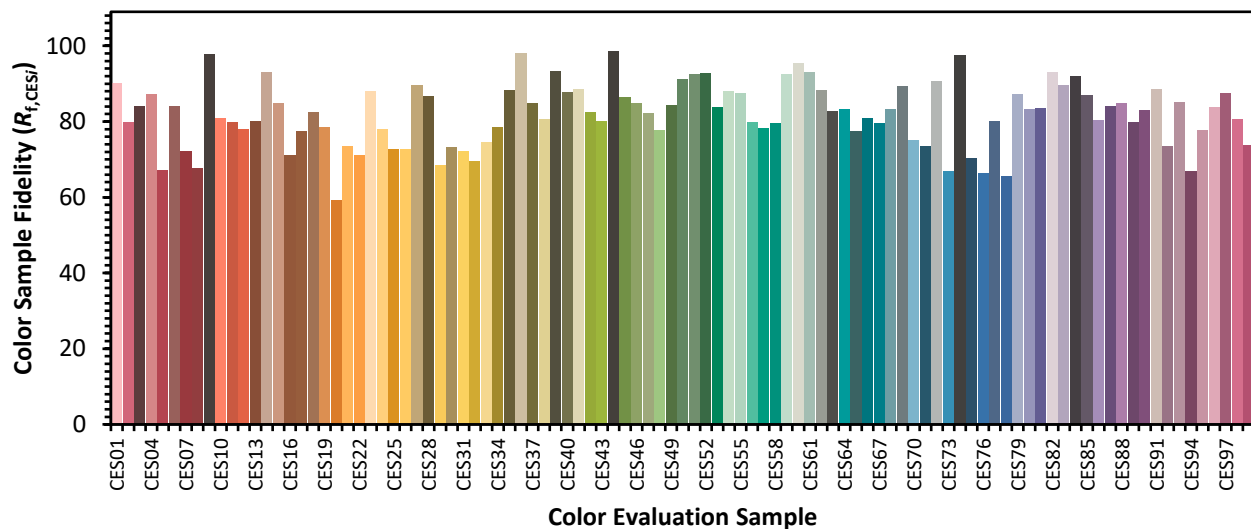


Color Vector Graphics

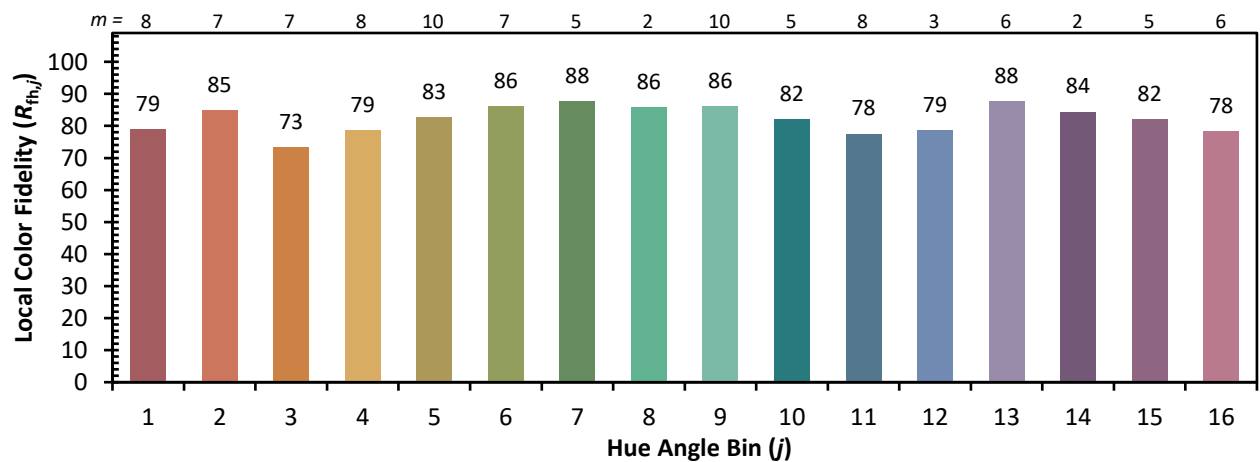
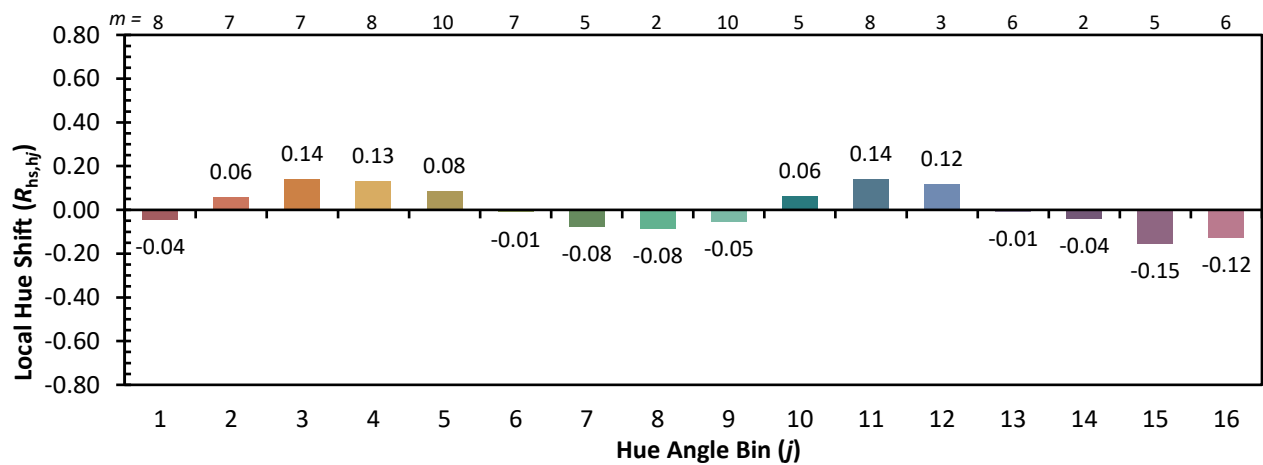
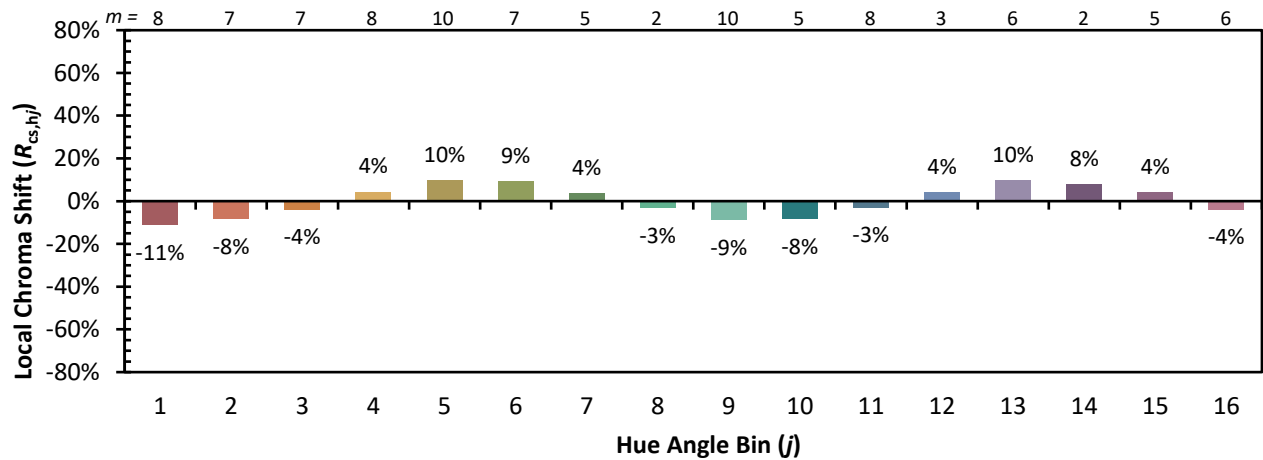


Individual Sample Fidelity Index ($R_{f,i}$)

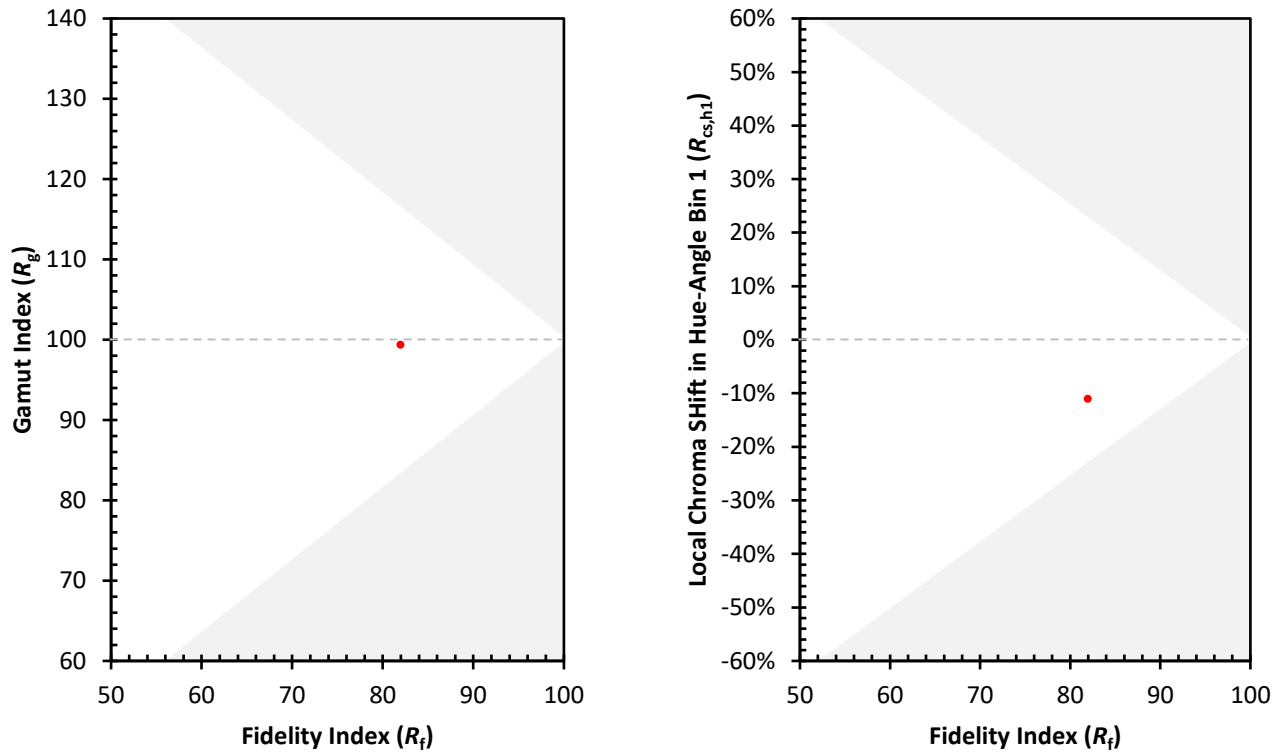
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)