

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: P1049279

Luminaire Tested: **GALN-SA9C-850-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049279
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9C-850-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE
80CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (126) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 40991.2 lumens
Efficiency: N/A
Efficacy: 98.3 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

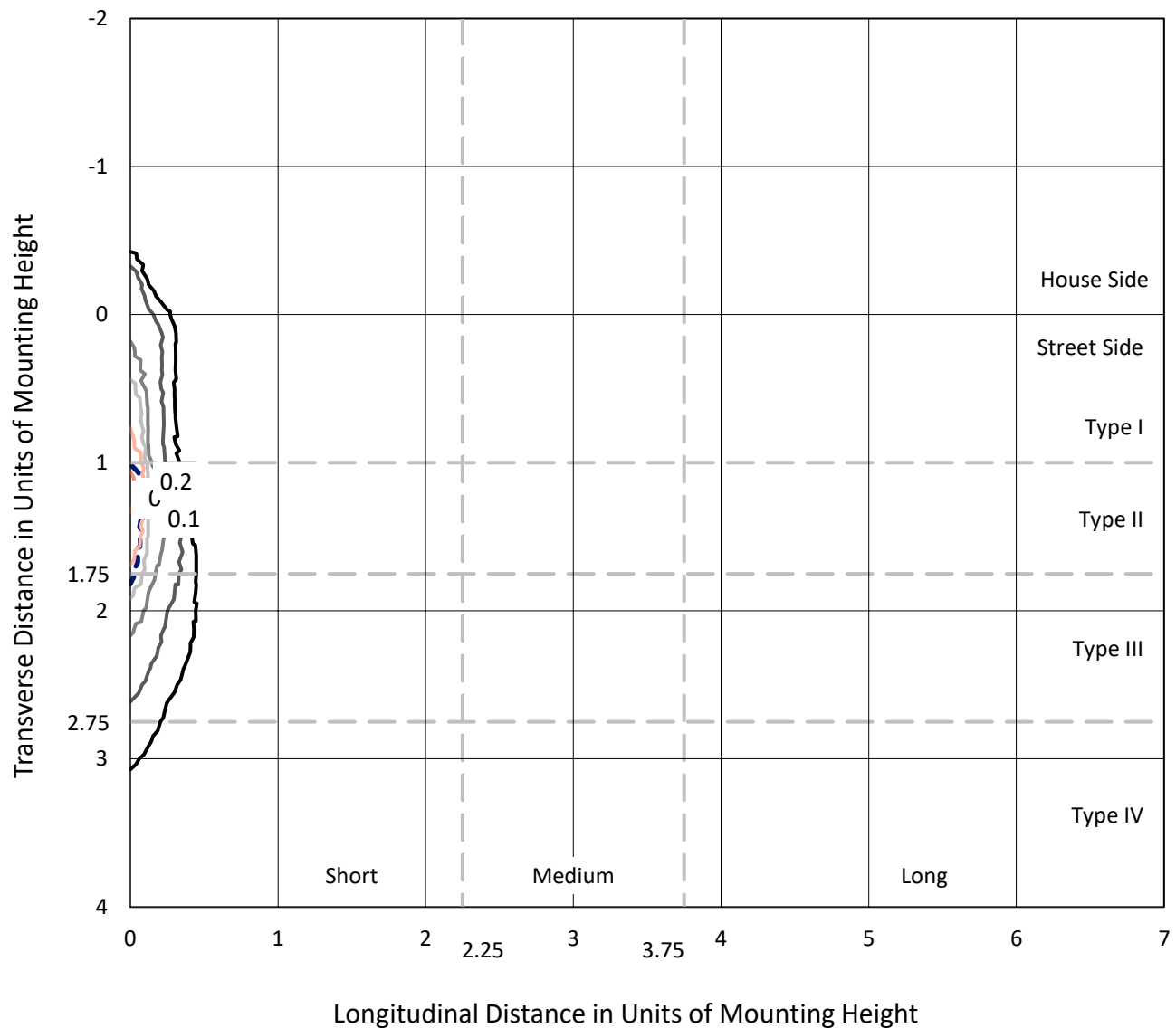
Input Watts (W): 417.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

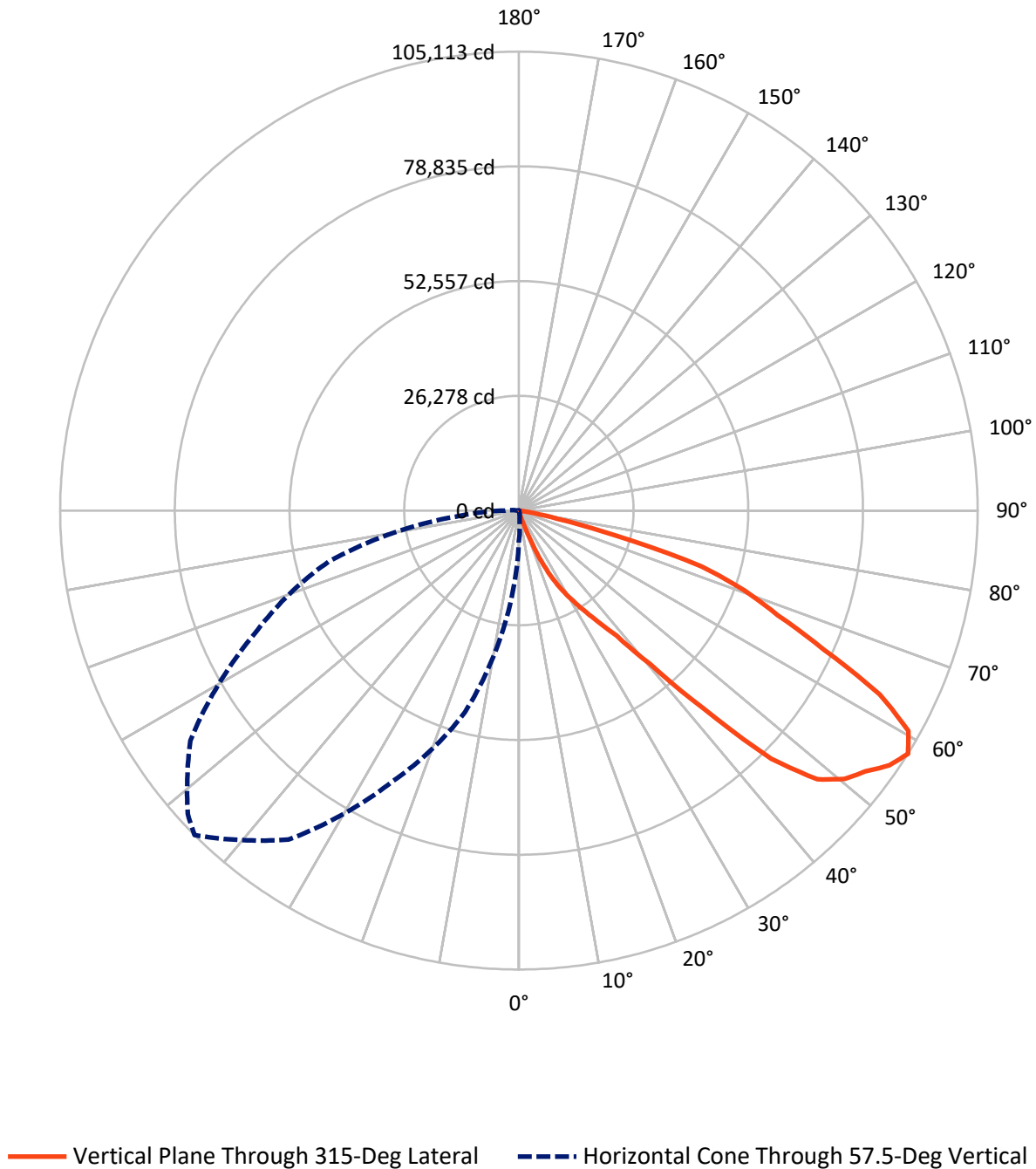


Based on 20 foot mounting height. Maximum calculated value = 6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	205.3	0.0	205.3
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	40786.0	0.0	40786.0
	% Fixture	99.5	0.0	99.5
Total	Lumens	40991.2	0.0	40991.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.1	0.0
10°-20°	90.1	0.2
20°-30°	971.4	2.4
30°-40°	2872.7	7.0
40°-50°	8561.4	20.9
50°-60°	13575.3	33.1
60°-70°	11332.1	27.6
70°-80°	3494.4	8.5
80°-90°	77.7	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°	40991.2	100.0
0°-180°	40991.2	100.0

Coefficient of Utilization



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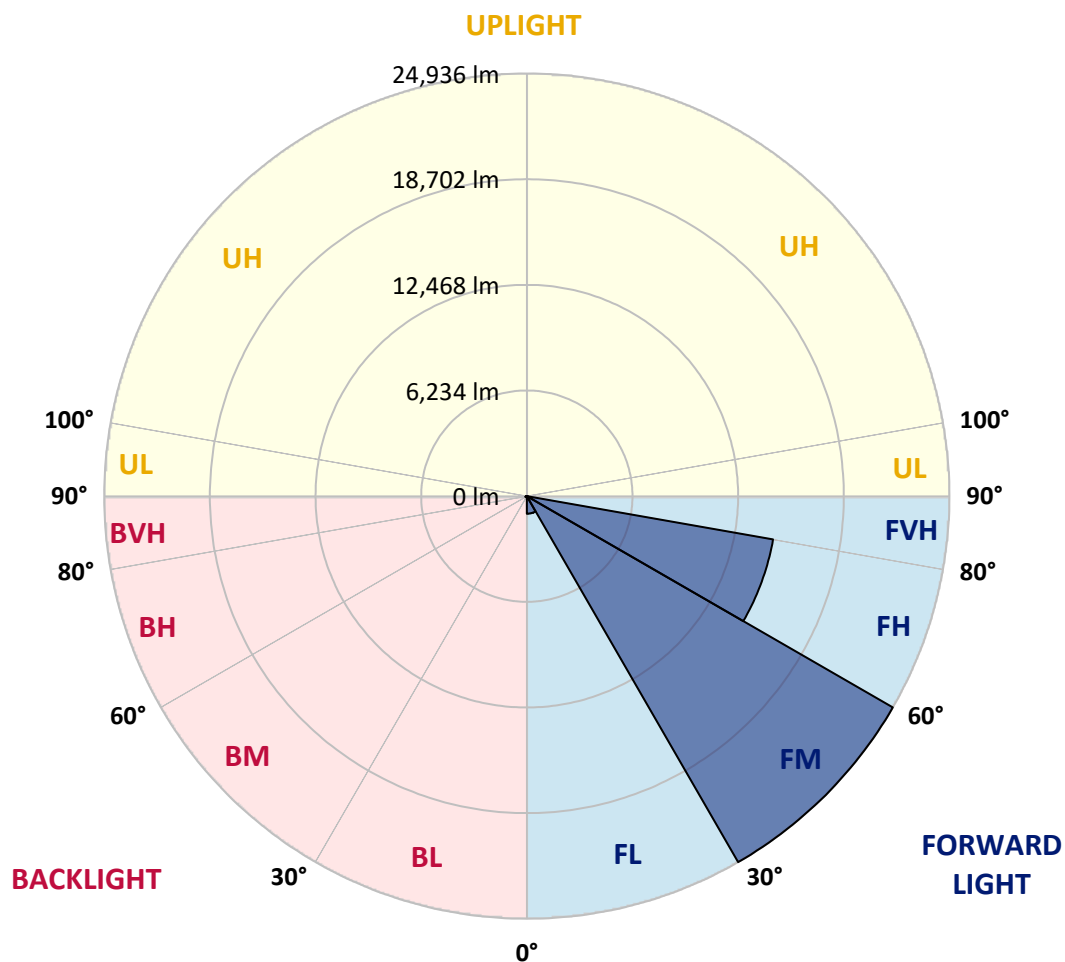
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1039.9	2.5			
FM	(30°-60°)	24936.1	60.8			
FH	(60°-80°)	14749.9	36.0			G5
FVH	(80°-90°)	60.1	0.1			G1/100
BL	(0°-30°)	37.7	0.1	B0/110		
BM	(30°-60°)	73.4	0.2	B0/220		
BH	(60°-80°)	76.6	0.2	B0/110		G0/110
BVH	(80°-90°)	17.6	0.0			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G5

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7
2.5°	164.2	164.2	164.2	164.2	161.1	161.1	158.0	158.0	154.9	154.9
5°	173.5	173.5	170.4	167.3	167.3	164.2	161.1	158.0	158.0	154.9
7.5°	189.0	185.9	182.8	179.7	173.5	170.4	164.2	161.1	158.0	151.8
10°	207.5	201.3	195.2	189.0	182.8	176.6	170.4	167.3	161.1	158.0
12.5°	232.3	223.0	210.6	201.3	195.2	185.9	179.7	173.5	164.2	158.0
15°	254.0	241.6	226.1	213.7	204.4	192.1	182.8	173.5	167.3	158.0
17.5°	285.0	263.3	238.5	223.0	210.6	195.2	179.7	170.4	161.1	148.7
20°	337.6	294.3	247.8	229.2	210.6	192.1	173.5	161.1	151.8	139.4
22.5°	421.3	346.9	272.6	244.7	219.9	192.1	167.3	154.9	142.5	130.1
25°	582.4	449.2	316.0	278.8	241.6	204.4	167.3	151.8	139.4	123.9
27.5°	774.4	576.2	374.8	322.2	272.6	219.9	167.3	148.7	133.2	114.6
30°	969.6	706.3	439.9	371.7	303.6	235.4	167.3	145.6	127.0	105.3
32.5°	1155.4	827.1	495.6	415.1	334.5	250.9	170.4	145.6	120.8	96.0
35°	1344.4	926.2	504.9	421.3	337.6	250.9	167.3	139.4	114.6	86.7
37.5°	1586.0	1037.7	486.3	402.7	322.2	238.5	158.0	133.2	108.4	80.5
40°	1951.5	1223.6	495.6	408.9	322.2	235.4	148.7	123.9	102.2	77.4
42.5°	2626.8	1582.9	535.9	436.8	337.6	235.4	136.3	114.6	96.0	74.3
45°	4541.2	2629.9	718.7	570.0	421.3	272.6	123.9	105.3	89.8	71.2
47.5°	7511.9	4401.8	1291.7	997.5	706.3	412.0	120.8	105.3	89.8	71.2
50°	9587.3	5606.8	1626.3	1251.5	876.6	501.8	127.0	108.4	92.9	74.3
52.5°	9571.8	5693.5	1812.1	1390.9	972.7	551.4	133.2	114.6	99.1	80.5
55°	8509.3	5179.3	1846.2	1418.7	994.4	566.9	142.5	123.9	105.3	86.7
57.5°	7112.3	4398.7	1685.1	1304.1	926.2	545.2	164.2	142.5	123.9	102.2
60°	5625.4	3469.4	1313.4	1037.7	765.1	489.4	216.8	189.0	164.2	136.3
62.5°	3884.5	2515.3	1146.1	920.0	697.0	470.8	247.8	219.9	195.2	167.3
65°	2747.6	1892.7	1034.6	842.6	653.6	461.6	269.5	238.5	210.6	179.7
67.5°	2053.8	1505.5	954.1	789.9	625.7	461.6	297.4	260.2	226.1	189.0
70°	1573.6	1236.0	895.2	762.0	631.9	498.7	365.5	312.9	263.3	210.6
72.5°	1282.4	1056.3	827.1	731.1	635.0	539.0	443.0	374.8	306.7	235.4
75°	1062.5	904.5	746.5	666.0	588.6	508.0	427.5	365.5	306.7	244.7
77.5°	706.3	644.3	579.3	532.8	486.3	436.8	390.3	337.6	288.1	235.4
80°	247.8	238.5	229.2	247.8	266.4	285.0	303.6	266.4	232.3	195.2
82.5°	37.2	34.1	31.0	34.1	37.2	40.3	43.4	46.5	49.6	52.7
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°	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7
0.0	2.5°	151.8	151.8	148.7	148.7	148.7	145.6	145.6	142.5	142.5	142.5
0.0	5°	148.7	148.7	145.6	142.5	139.4	139.4	136.3	133.2	133.2	130.1
0.0	7.5°	145.6	142.5	139.4	136.3	133.2	130.1	127.0	123.9	123.9	120.8
0.0	10°	148.7	142.5	139.4	133.2	130.1	127.0	120.8	117.7	114.6	114.6
0.0	12.5°	142.5	139.4	133.2	127.0	123.9	117.7	114.6	108.4	105.3	105.3
0.0	15°	142.5	136.3	127.0	120.8	114.6	111.5	105.3	99.1	96.0	92.9
0.0	17.5°	133.2	127.0	117.7	111.5	105.3	99.1	92.9	86.7	83.6	80.5
0.0	20°	120.8	114.6	105.3	96.0	89.8	83.6	77.4	71.2	68.1	65.1
0.0	22.5°	108.4	102.2	92.9	83.6	77.4	71.2	62.0	55.8	52.7	46.5
0.0	25°	102.2	92.9	83.6	74.3	65.1	58.9	49.6	40.3	34.1	27.9
0.0	27.5°	86.7	77.4	68.1	58.9	49.6	40.3	31.0	21.7	15.5	12.4
0.0	30°	74.3	65.1	55.8	46.5	34.1	24.8	15.5	3.1	3.1	3.1
0.0	32.5°	62.0	52.7	40.3	31.0	24.8	15.5	9.3	0.0	0.0	0.0
0.0	35°	49.6	40.3	27.9	18.6	15.5	9.3	6.2	0.0	0.0	0.0
0.0	37.5°	43.4	34.1	21.7	9.3	6.2	6.2	3.1	0.0	0.0	0.0
0.0	40°	40.3	27.9	15.5	3.1	3.1	3.1	0.0	0.0	0.0	0.0
0.0	42.5°	40.3	27.9	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	40.3	27.9	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	40.3	27.9	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	43.4	31.0	15.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	49.6	37.2	24.8	12.4	9.3	6.2	3.1	0.0	0.0	0.0
0.0	55°	62.0	55.8	46.5	40.3	31.0	21.7	9.3	0.0	0.0	0.0
0.0	57.5°	80.5	80.5	77.4	74.3	55.8	37.2	18.6	0.0	0.0	0.0
0.0	60°	108.4	108.4	108.4	108.4	80.5	55.8	27.9	0.0	0.0	0.0
0.0	62.5°	133.2	127.0	117.7	111.5	83.6	55.8	27.9	0.0	0.0	0.0
0.0	65°	133.2	120.8	105.3	89.8	68.1	46.5	21.7	0.0	0.0	0.0
0.0	67.5°	123.9	99.1	71.2	46.5	34.1	24.8	12.4	0.0	0.0	0.0
	70°	123.9	86.7	49.6	12.4	9.3	6.2	3.1	0.0	0.0	0.0
	72.5°	123.9	83.6	40.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	136.3	92.9	46.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	136.3	92.9	46.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	120.8	80.5	40.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	40.3	27.9	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]



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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7
0.0	2.5°	139.4	139.4	139.4	136.3	136.3	136.3	136.3	133.2	133.2	133.2
0.0	5°	127.0	127.0	123.9	123.9	120.8	120.8	117.7	117.7	114.6	114.6
0.0	7.5°	117.7	114.6	114.6	111.5	108.4	108.4	105.3	105.3	102.2	99.1
0.0	10°	108.4	105.3	105.3	102.2	99.1	96.0	96.0	92.9	89.8	86.7
0.0	12.5°	99.1	96.0	92.9	89.8	86.7	83.6	83.6	80.5	77.4	74.3
0.0	15°	86.7	83.6	80.5	77.4	74.3	71.2	71.2	68.1	65.1	62.0
0.0	17.5°	74.3	71.2	71.2	68.1	65.1	62.0	58.9	52.7	49.6	46.5
0.0	20°	55.8	52.7	49.6	46.5	43.4	37.2	34.1	27.9	21.7	18.6
0.0	22.5°	37.2	31.0	27.9	21.7	15.5	12.4	9.3	3.1	0.0	0.0
0.0	25°	12.4	9.3	6.2	3.1	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: P1049279

CATALOG NUMBER: GALN-SA9C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049279

CATALOG NUMBER: GALN-SA9C-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°	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7
0.0	2.5°	130.1	130.1	130.1	127.0	127.0	127.0	127.0	127.0	127.0	127.0
0.0	5°	111.5	111.5	111.5	108.4	108.4	105.3	105.3	105.3	102.2	102.2
0.0	7.5°	96.0	92.9	92.9	89.8	89.8	86.7	86.7	86.7	83.6	83.6
0.0	10°	80.5	77.4	77.4	74.3	74.3	71.2	71.2	68.1	68.1	65.1
0.0	12.5°	71.2	68.1	65.1	62.0	62.0	58.9	55.8	55.8	52.7	49.6
0.0	15°	55.8	52.7	49.6	46.5	43.4	40.3	37.2	37.2	34.1	31.0
0.0	17.5°	37.2	31.0	27.9	24.8	24.8	21.7	18.6	15.5	12.4	9.3
0.0	20°	9.3	6.2	3.1	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: P1049279

CATALOG NUMBER: GALN-SA9C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049279

CATALOG NUMBER: GALN-SA9C-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°	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7
0.0	2.5°	127.0	123.9	123.9	123.9	127.0	127.0	127.0	127.0	127.0	127.0
0.0	5°	102.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
0.0	7.5°	83.6	80.5	80.5	80.5	80.5	77.4	77.4	77.4	77.4	77.4
0.0	10°	65.1	62.0	62.0	62.0	62.0	58.9	58.9	58.9	58.9	58.9
0.0	12.5°	46.5	46.5	43.4	43.4	43.4	40.3	40.3	40.3	40.3	37.2
0.0	15°	27.9	24.8	21.7	21.7	21.7	18.6	18.6	18.6	18.6	15.5
0.0	17.5°	6.2	6.2	3.1	3.1	3.1	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
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-SA9C-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA9C-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°	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7
0.0	2.5°	130.1	130.1	133.2	133.2	136.3	142.5	145.6	148.7	154.9	161.1
0.0	5°	102.2	105.3	105.3	108.4	111.5	114.6	117.7	120.8	127.0	133.2
0.0	7.5°	80.5	80.5	83.6	83.6	86.7	92.9	96.0	99.1	105.3	114.6
0.0	10°	62.0	62.0	65.1	65.1	68.1	74.3	77.4	80.5	86.7	96.0
0.0	12.5°	40.3	43.4	43.4	46.5	49.6	55.8	58.9	62.0	68.1	74.3
0.0	15°	18.6	21.7	21.7	24.8	27.9	34.1	37.2	40.3	46.5	55.8
0.0	17.5°	3.1	3.1	6.2	6.2	9.3	12.4	15.5	18.6	27.9	34.1
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2	12.4
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
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



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049279

CATALOG NUMBER: GALN-SA9C-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°	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7
0.0	2.5°	170.4	176.6	182.8	189.0	195.2	201.3	204.4	210.6	213.7	216.8
0.0	5°	145.6	151.8	161.1	167.3	173.5	179.7	185.9	189.0	192.1	195.2
0.0	7.5°	127.0	133.2	142.5	148.7	154.9	161.1	167.3	173.5	176.6	179.7
0.0	10°	108.4	117.7	123.9	133.2	139.4	145.6	151.8	158.0	164.2	167.3
0.0	12.5°	86.7	96.0	105.3	111.5	120.8	130.1	136.3	142.5	148.7	154.9
0.0	15°	68.1	77.4	86.7	92.9	102.2	111.5	120.8	127.0	133.2	139.4
0.0	17.5°	49.6	58.9	68.1	74.3	83.6	92.9	99.1	108.4	114.6	120.8
0.0	20°	24.8	34.1	43.4	52.7	62.0	71.2	77.4	86.7	92.9	99.1
0.0	22.5°	3.1	12.4	21.7	27.9	37.2	46.5	52.7	62.0	68.1	74.3
0.0	25°	0.0	3.1	9.3	12.4	15.5	21.7	27.9	34.1	40.3	46.5
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	3.1	6.2	12.4	18.6	24.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2
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	3.1
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	3.1	6.2
	85°	0.0	0.0	0.0	0.0	0.0	6.2	9.3	15.5	18.6	21.7
	87.5°	0.0	3.1	6.2	9.3	12.4	18.6	24.8	31.0	34.1	37.2
	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: P1049279

CATALOG NUMBER: GALN-SA9C-850-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
179.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
216.8	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
198.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9.3	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											
3.1											
12.4											
27.9											
40.3											
0.0											
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REPORT NUMBER: P1049279

CATALOG NUMBER: GALN-SA9C-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°	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7
0.0	2.5°	219.9	219.9	219.9	219.9	216.8	216.8	216.8	213.7	213.7	210.6
0.0	5°	201.3	204.4	204.4	204.4	204.4	204.4	204.4	204.4	201.3	201.3
0.0	7.5°	185.9	189.0	192.1	192.1	195.2	195.2	195.2	192.1	192.1	189.0
0.0	10°	176.6	179.7	179.7	182.8	182.8	182.8	182.8	182.8	182.8	182.8
0.0	12.5°	164.2	167.3	170.4	170.4	173.5	173.5	173.5	173.5	170.4	170.4
0.0	15°	148.7	154.9	158.0	161.1	161.1	164.2	164.2	164.2	164.2	164.2
0.0	17.5°	136.3	142.5	145.6	148.7	148.7	151.8	151.8	154.9	154.9	154.9
0.0	20°	111.5	117.7	120.8	127.0	130.1	133.2	136.3	139.4	139.4	142.5
0.0	22.5°	86.7	92.9	96.0	102.2	105.3	108.4	111.5	114.6	117.7	120.8
0.0	25°	62.0	68.1	71.2	77.4	80.5	83.6	86.7	89.8	89.8	92.9
0.0	27.5°	34.1	40.3	46.5	49.6	55.8	58.9	62.0	65.1	68.1	71.2
0.0	30°	15.5	18.6	21.7	27.9	31.0	34.1	37.2	43.4	46.5	49.6
0.0	32.5°	0.0	0.0	3.1	9.3	12.4	15.5	18.6	21.7	21.7	24.8
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	3.1	6.2	9.3	12.4
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°	6.2	6.2	6.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3
	82.5°	15.5	18.6	21.7	21.7	24.8	24.8	24.8	24.8	21.7	21.7
	85°	31.0	34.1	37.2	37.2	40.3	40.3	40.3	40.3	40.3	40.3
	87.5°	43.4	46.5	49.6	49.6	52.7	52.7	52.7	52.7	52.7	52.7
	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: P1049279

CATALOG NUMBER: GALN-SA9C-850-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
179.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
201.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
189.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.2	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.1	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											
9.3											
21.7											
40.3											
52.7											
0.0											
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REPORT NUMBER: P1049279

CATALOG NUMBER: GALN-SA9C-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°	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7
0.0	2.5°	207.5	207.5	204.4	204.4	204.4	204.4	204.4	207.5	210.6	210.6
0.0	5°	198.3	198.3	195.2	195.2	195.2	198.3	198.3	201.3	204.4	207.5
0.0	7.5°	189.0	185.9	185.9	189.0	189.0	192.1	192.1	195.2	198.3	201.3
0.0	10°	182.8	179.7	179.7	179.7	182.8	182.8	185.9	189.0	192.1	195.2
0.0	12.5°	170.4	170.4	170.4	170.4	173.5	173.5	176.6	179.7	185.9	189.0
0.0	15°	164.2	161.1	161.1	161.1	161.1	164.2	164.2	170.4	176.6	179.7
0.0	17.5°	151.8	151.8	148.7	148.7	151.8	151.8	154.9	161.1	167.3	170.4
0.0	20°	139.4	136.3	133.2	133.2	136.3	136.3	139.4	145.6	151.8	154.9
0.0	22.5°	120.8	117.7	117.7	117.7	117.7	120.8	120.8	127.0	136.3	142.5
0.0	25°	96.0	99.1	99.1	102.2	102.2	105.3	108.4	114.6	123.9	130.1
0.0	27.5°	74.3	77.4	77.4	83.6	86.7	89.8	92.9	102.2	111.5	117.7
0.0	30°	55.8	58.9	62.0	65.1	71.2	77.4	83.6	92.9	102.2	108.4
0.0	32.5°	34.1	40.3	43.4	49.6	55.8	62.0	68.1	77.4	89.8	99.1
0.0	35°	24.8	27.9	34.1	37.2	43.4	49.6	55.8	68.1	77.4	89.8
0.0	37.5°	12.4	18.6	24.8	31.0	37.2	43.4	49.6	62.0	74.3	83.6
0.0	40°	9.3	15.5	18.6	24.8	34.1	40.3	46.5	58.9	71.2	83.6
0.0	42.5°	6.2	9.3	12.4	21.7	27.9	37.2	46.5	58.9	71.2	83.6
0.0	45°	6.2	6.2	9.3	18.6	27.9	40.3	49.6	62.0	71.2	83.6
0.0	47.5°	6.2	9.3	12.4	24.8	31.0	40.3	49.6	58.9	71.2	80.5
0.0	50°	9.3	12.4	15.5	27.9	34.1	43.4	49.6	62.0	71.2	83.6
0.0	52.5°	6.2	9.3	12.4	24.8	34.1	46.5	55.8	68.1	80.5	89.8
0.0	55°	3.1	3.1	3.1	18.6	37.2	52.7	71.2	80.5	92.9	102.2
0.0	57.5°	0.0	0.0	0.0	12.4	37.2	58.9	80.5	92.9	105.3	114.6
0.0	60°	0.0	0.0	0.0	12.4	37.2	58.9	80.5	96.0	111.5	127.0
0.0	62.5°	0.0	0.0	0.0	12.4	31.0	49.6	68.1	92.9	120.8	145.6
0.0	65°	0.0	0.0	0.0	9.3	24.8	40.3	55.8	92.9	130.1	164.2
0.0	67.5°	0.0	0.0	0.0	9.3	24.8	37.2	52.7	92.9	130.1	170.4
	70°	0.0	0.0	0.0	9.3	24.8	40.3	55.8	92.9	130.1	167.3
	72.5°	0.0	0.0	0.0	9.3	27.9	43.4	62.0	92.9	123.9	154.9
	75°	0.0	0.0	0.0	12.4	27.9	46.5	65.1	92.9	120.8	145.6
	77.5°	0.0	0.0	0.0	9.3	27.9	43.4	62.0	89.8	117.7	142.5
	80°	9.3	6.2	6.2	15.5	27.9	40.3	52.7	80.5	111.5	139.4
	82.5°	18.6	18.6	15.5	21.7	27.9	37.2	46.5	71.2	99.1	123.9
	85°	37.2	37.2	34.1	37.2	37.2	40.3	43.4	55.8	68.1	80.5
	87.5°	49.6	49.6	46.5	46.5	46.5	43.4	43.4	43.4	43.4	40.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
179.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
213.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
204.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
198.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
192.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.9	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
201.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207.5	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
204.4											
185.9											
173.5											
170.4											
167.3											
148.7											
92.9											
40.3											
0.0											
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REPORT NUMBER: P1049279

CATALOG NUMBER: GALN-SA9C-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°	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7
0.0	2.5°	216.8	219.9	219.9	223.0	226.1	229.2	229.2	232.3	232.3	232.3
0.0	5°	213.7	219.9	223.0	226.1	229.2	232.3	235.4	238.5	241.6	241.6
0.0	7.5°	210.6	213.7	219.9	223.0	229.2	232.3	238.5	241.6	244.7	247.8
0.0	10°	204.4	210.6	216.8	223.0	229.2	235.4	241.6	247.8	254.0	257.1
0.0	12.5°	198.3	207.5	213.7	219.9	229.2	238.5	244.7	254.0	260.2	266.4
0.0	15°	195.2	201.3	210.6	216.8	229.2	241.6	250.9	263.3	275.7	285.0
0.0	17.5°	185.9	198.3	207.5	216.8	229.2	244.7	257.1	269.5	288.1	306.7
0.0	20°	173.5	182.8	195.2	204.4	223.0	238.5	257.1	272.6	300.5	328.4
0.0	22.5°	161.1	173.5	182.8	195.2	216.8	235.4	257.1	275.7	322.2	365.5
0.0	25°	148.7	164.2	176.6	189.0	213.7	238.5	263.3	288.1	365.5	443.0
0.0	27.5°	142.5	154.9	170.4	182.8	213.7	247.8	278.8	309.8	433.7	554.5
0.0	30°	133.2	148.7	161.1	176.6	216.8	257.1	297.4	337.6	526.6	715.6
0.0	32.5°	123.9	139.4	154.9	170.4	223.0	275.7	325.3	377.9	625.7	870.4
0.0	35°	114.6	133.2	148.7	164.2	232.3	303.6	371.7	439.9	715.6	988.2
0.0	37.5°	111.5	130.1	145.6	161.1	235.4	306.7	381.0	452.3	724.9	997.5
0.0	40°	114.6	130.1	148.7	164.2	226.1	288.1	346.9	408.9	693.9	975.8
0.0	42.5°	114.6	133.2	151.8	170.4	219.9	269.5	319.1	368.6	684.6	1000.5
0.0	45°	111.5	130.1	148.7	167.3	213.7	257.1	303.6	346.9	740.3	1130.6
0.0	47.5°	108.4	127.0	145.6	164.2	210.6	257.1	303.6	350.0	957.2	1561.2
0.0	50°	108.4	127.0	142.5	158.0	213.7	272.6	328.4	384.1	1394.0	2400.7
0.0	52.5°	114.6	130.1	142.5	154.9	219.9	288.1	353.1	418.2	1771.9	3122.5
0.0	55°	123.9	133.2	145.6	154.9	235.4	312.9	393.4	470.8	1886.5	3302.1
0.0	57.5°	136.3	145.6	154.9	164.2	263.3	362.4	458.5	557.6	1895.8	3230.9
0.0	60°	151.8	164.2	173.5	182.8	288.1	396.5	501.8	607.1	1716.1	2822.0
0.0	62.5°	185.9	201.3	213.7	229.2	331.5	430.6	532.8	631.9	1424.9	2217.9
0.0	65°	213.7	226.1	238.5	250.9	350.0	452.3	551.4	650.5	1208.1	1765.7
0.0	67.5°	219.9	232.3	241.6	254.0	356.2	458.5	557.6	659.8	1034.6	1406.3
	70°	223.0	238.5	257.1	272.6	377.9	483.2	585.5	690.8	916.9	1143.0
	72.5°	213.7	244.7	272.6	300.5	399.6	495.6	594.8	690.8	851.9	1012.9
	75°	213.7	257.1	297.4	337.6	412.0	483.2	557.6	628.8	752.7	876.6
	77.5°	226.1	281.9	337.6	393.4	436.8	477.0	520.4	560.7	641.2	721.8
	80°	226.1	285.0	340.7	399.6	418.2	439.9	458.5	477.0	486.3	495.6
	82.5°	195.2	241.6	288.1	334.5	312.9	291.2	269.5	247.8	232.3	213.7
	85°	99.1	108.4	114.6	120.8	111.5	102.2	92.9	83.6	77.4	68.1
	87.5°	40.3	40.3	37.2	37.2	37.2	37.2	34.1	34.1	34.1	34.1
	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

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CATALOG NUMBER: GALN-SA9C-850-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
179.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
232.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
241.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
263.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
275.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
331.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
381.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
486.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
659.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
916.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1242.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1551.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1762.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1920.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2078.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2388.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3007.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4584.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7022.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8840.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9042.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8159.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6976.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5451.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4119.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3041.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2152.9											
1601.5											
1164.7											
876.6											
492.5											
223.0											
65.1											
31.0											
0.0											
0.0											
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REPORT NUMBER: P1049279

CATALOG NUMBER: GALN-SA9C-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°	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7
0.0	2.5°	232.3	229.2	229.2	226.1	223.0	219.9	216.8	213.7	210.6	207.5
0.0	5°	241.6	241.6	241.6	238.5	238.5	235.4	235.4	232.3	229.2	226.1
0.0	7.5°	250.9	254.0	254.0	257.1	257.1	257.1	257.1	254.0	254.0	254.0
0.0	10°	266.4	269.5	272.6	275.7	278.8	281.9	281.9	285.0	285.0	285.0
0.0	12.5°	285.0	294.3	300.5	309.8	316.0	325.3	331.5	340.7	346.9	353.1
0.0	15°	312.9	328.4	346.9	362.4	377.9	399.6	424.4	446.1	467.7	501.8
0.0	17.5°	353.1	402.7	452.3	498.7	548.3	656.7	765.1	870.4	978.9	1136.8
0.0	20°	430.6	579.3	724.9	873.5	1019.1	1400.1	1778.1	2159.1	2537.0	2942.8
0.0	22.5°	604.0	969.6	1335.1	1700.6	2066.1	2862.2	3655.3	4451.4	5244.4	6176.8
0.0	25°	876.6	1548.8	2221.0	2890.1	3562.3	4807.6	6055.9	7301.2	8546.5	9757.7
0.0	27.5°	1276.2	2304.7	3333.1	4358.4	5386.9	7075.1	8766.4	10454.6	12142.9	13512.0
0.0	30°	1768.8	3162.7	4556.7	5950.6	7344.6	9265.1	11185.7	13103.1	15023.7	16519.9
0.0	32.5°	2233.4	3940.2	5647.1	7350.8	9057.6	11244.5	13434.6	15621.6	17808.5	19444.1
0.0	35°	2537.0	4600.0	6666.2	8729.2	10792.3	13158.9	15525.5	17889.1	20255.7	22123.6
0.0	37.5°	2840.6	5222.7	7601.7	9983.8	12362.8	14961.8	17560.7	20159.6	22758.6	25066.4
0.0	40°	3181.3	5975.4	8766.4	11560.5	14351.5	17430.6	20506.6	23585.7	26661.7	29917.3
0.0	42.5°	3773.0	7223.8	10677.7	14128.5	17579.3	21652.7	25726.2	29796.5	33869.9	38516.4
0.0	45°	4885.0	9748.4	14614.8	19478.2	24341.5	29737.6	35136.9	40533.0	45929.2	52112.1
0.0	47.5°	7607.9	14298.8	20986.7	27677.7	34365.6	40192.3	46015.9	51842.6	57666.2	63824.4
0.0	50°	11641.0	19428.6	27216.1	35000.6	42788.1	48060.4	53329.5	58601.7	63870.9	69728.6
0.0	52.5°	14559.1	22671.9	30787.8	38900.6	47013.4	51771.4	56532.5	61290.5	66048.5	71522.1
0.0	55°	14779.0	22845.3	30914.8	38981.1	47047.4	51827.1	56606.8	61386.5	66166.3	71968.2
0.0	57.5°	13084.6	21085.8	29084.0	37085.3	45083.5	50526.1	55965.6	61408.2	66847.7	73120.5
0.0	60°	11129.9	19134.3	27135.6	35140.0	43141.3	49411.0	55683.7	61953.4	68223.1	74099.4
0.0	62.5°	8682.8	16916.4	25153.1	33386.7	41620.3	47986.0	54351.7	60714.4	67080.1	71488.1
0.0	65°	6471.0	14466.1	22461.2	30453.2	38448.3	43547.1	48645.8	53741.5	58840.3	61569.3
0.0	67.5°	4677.5	11572.9	18465.2	25360.6	32253.0	35902.0	39551.1	43197.0	46846.1	48933.9
	70°	3162.7	7939.3	12712.8	17489.5	22263.0	25261.5	28263.2	31261.7	34260.2	37079.1
	72.5°	2190.1	4872.6	7558.3	10240.9	12923.5	15940.6	18954.6	21971.8	24985.8	27968.9
	75°	1452.8	2673.3	3896.9	5117.4	6337.8	8571.3	10807.8	13041.2	15274.6	17052.7
	77.5°	1031.5	1397.0	1765.7	2131.2	2496.7	2914.9	3336.2	3754.4	4172.6	4807.6
	80°	489.4	535.9	582.4	625.7	672.2	824.0	975.8	1127.6	1279.3	1440.4
	82.5°	232.3	250.9	269.5	285.0	303.6	319.1	334.5	350.0	365.5	350.0
	85°	62.0	62.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	62.0
	87.5°	27.9	27.9	27.9	27.9	27.9	27.9	27.9	24.8	24.8	21.7
	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°
179.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
204.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
223.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
288.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
356.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
539.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1291.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3351.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7109.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10968.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14881.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18019.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21082.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23991.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27377.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33173.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43162.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58295.1	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69982.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75586.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76995.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77773.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79393.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79972.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75899.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64301.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51024.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39894.9											
30951.9											
18830.7											
5442.6											
1601.5											
331.5											
58.9											
21.7											
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°	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7
0.0	2.5°	201.3	198.3	195.2	192.1	189.0	182.8	182.8	179.7	179.7
0.0	5°	219.9	216.8	213.7	210.6	210.6	207.5	204.4	204.4	201.3
0.0	7.5°	250.9	247.8	244.7	241.6	241.6	238.5	238.5	235.4	235.4
0.0	10°	288.1	288.1	288.1	288.1	288.1	285.0	285.0	285.0	281.9
0.0	12.5°	362.4	365.5	371.7	377.9	387.2	387.2	387.2	384.1	384.1
0.0	15°	573.1	607.1	631.9	656.7	678.4	728.0	721.8	712.5	706.3
0.0	17.5°	1449.7	1604.6	1688.2	1768.8	1852.4	2081.6	2044.5	2007.3	1973.2
0.0	20°	3757.5	4163.3	4432.8	4702.3	4974.9	5405.4	5300.1	5194.8	5089.5
0.0	22.5°	8038.5	8970.9	9376.7	9782.4	10185.1	10705.6	10367.9	10030.3	9695.7
0.0	25°	12176.9	13388.1	14072.7	14757.3	15438.8	15736.2	15296.3	14853.3	14413.5
0.0	27.5°	16250.4	17619.6	18223.6	18824.5	19428.6	20051.2	19506.0	18957.7	18412.6
0.0	30°	19515.3	21011.5	21665.1	22315.6	22969.2	23402.9	22839.1	22272.3	21708.5
0.0	32.5°	22718.3	24353.9	25069.5	25785.0	26497.5	27120.1	26426.2	25729.3	25035.4
0.0	35°	25856.3	27724.2	28709.2	29694.3	30679.3	31258.6	30434.6	29607.5	28783.6
0.0	37.5°	29685.0	31992.7	33095.5	34198.3	35301.1	36357.4	35449.7	34539.0	33631.4
0.0	40°	36428.6	39684.3	41375.6	43070.0	44761.3	46124.3	44978.2	43832.0	42685.9
0.0	42.5°	47809.5	52456.0	54887.6	57316.2	59747.9	61876.0	60671.0	59466.0	58261.0
0.0	45°	64478.0	70661.0	73625.4	76586.8	79551.3	81106.3	79371.6	77633.8	75899.1
0.0	47.5°	76137.7	82295.8	84935.0	87574.3	90213.5	91988.4	89866.5	87744.6	85625.8
0.0	50°	81440.9	87298.6	89947.1	92592.5	95241.0	96650.4	94200.2	91746.8	89296.6
0.0	52.5°	82466.2	87939.8	91099.4	94262.1	97421.8	99305.1	96411.9	93515.6	90622.4
0.0	55°	83575.2	89377.1	93041.6	96709.3	100373.8	102982.1	99710.9	96436.7	93165.6
0.0	57.5°	85663.0	91935.8	95591.0	99243.2	102898.4	105113.3	101832.8	98549.3	95268.9
0.0	60°	85848.9	91722.0	94863.1	98007.2	101148.3	102542.2	99404.3	96263.2	93125.3
0.0	62.5°	80307.1	84715.1	86895.9	89076.6	91257.4	92772.2	89497.9	86220.6	82946.3
0.0	65°	67030.5	69759.6	71497.3	73235.1	74972.9	76778.9	73780.3	70781.8	67783.2
0.0	67.5°	53112.7	55200.5	57489.7	59778.9	62068.0	63997.9	61597.2	59193.4	56792.7
	70°	42713.8	45529.6	48103.7	50677.9	53252.1	54831.9	52421.9	50008.8	47598.8
	72.5°	33935.0	36918.0	39067.8	41214.5	43364.3	43751.5	41979.6	40207.8	38439.0
	75°	20605.7	22383.8	22427.1	22467.4	22510.8	22879.4	21411.1	19942.8	18477.6
	77.5°	6077.6	6712.7	7236.2	7756.6	8280.1	8912.0	8373.0	7830.9	7291.9
	80°	1759.5	1920.6	2056.9	2190.1	2326.4	2245.8	2118.8	1991.8	1864.8
	82.5°	316.0	297.4	294.3	291.2	291.2	275.7	250.9	226.1	201.3
	85°	55.8	52.7	49.6	46.5	43.4	40.3	34.1	31.0	24.8
	87.5°	18.6	15.5	12.4	9.3	9.3	3.1	3.1	3.1	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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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049279

CATALOG NUMBER: GALN-SA9C-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°	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7	179.7
0.0	0.0	2.5°	176.6	173.5	173.5	173.5	173.5	170.4	170.4	170.4	170.4
0.0	0.0	5°	195.2	195.2	192.1	192.1	189.0	189.0	185.9	185.9	182.8
0.0	0.0	7.5°	229.2	226.1	223.0	219.9	216.8	210.6	207.5	204.4	204.4
0.0	0.0	10°	275.7	269.5	266.4	260.2	257.1	250.9	244.7	238.5	232.3
0.0	0.0	12.5°	362.4	350.0	340.7	328.4	316.0	306.7	294.3	285.0	272.6
0.0	0.0	15°	628.8	597.9	563.8	523.5	480.1	439.9	396.5	371.7	343.8
0.0	0.0	17.5°	1607.7	1446.6	1282.4	1149.2	1016.0	885.9	752.7	656.7	560.7
0.0	0.0	20°	4092.0	3646.0	3199.9	2760.0	2317.1	1877.2	1434.2	1211.2	988.2
0.0	0.0	22.5°	7700.8	6873.7	6043.6	5241.3	4435.9	3633.6	2831.3	2326.4	1824.5
0.0	0.0	25°	11885.8	10844.9	9804.1	8484.5	7161.8	5842.2	4522.6	3701.7	2880.8
0.0	0.0	27.5°	15466.7	14267.9	13069.1	11464.5	9859.9	8255.3	6650.7	5427.1	4206.6
0.0	0.0	30°	18567.4	17278.8	15990.2	14122.3	12254.4	10386.5	8518.6	6988.3	5458.1
0.0	0.0	32.5°	21256.2	19713.6	18170.9	16244.2	14317.4	12390.7	10463.9	8586.7	6709.6
0.0	0.0	35°	24357.0	22557.2	20754.4	18617.0	16476.5	14339.1	12201.7	10082.9	7961.0
0.0	0.0	37.5°	28297.2	26088.6	23876.8	21494.7	19112.6	16733.6	14351.5	11929.1	9506.8
0.0	0.0	40°	35840.1	32990.2	30140.3	27113.9	24084.4	21058.0	18031.5	15057.8	12084.0
0.0	0.0	42.5°	49355.2	45504.8	41654.4	37627.4	33597.3	29570.4	25540.3	21346.1	17148.7
0.0	0.0	45°	64608.1	59831.5	55051.8	50532.3	46009.7	41490.2	36970.7	31215.2	25459.8
0.0	0.0	47.5°	73185.6	68028.0	62870.3	58592.4	54314.6	50036.7	45758.8	39554.2	33349.5
0.0	0.0	50°	76342.1	71091.6	65841.0	61903.9	57963.6	54026.5	50086.2	43872.3	37655.3
0.0	0.0	52.5°	77014.3	71658.4	66302.6	62340.6	58378.7	54419.9	50458.0	44284.3	38110.6
0.0	0.0	55°	78395.9	72649.7	66900.4	62384.0	57867.6	53351.2	48834.8	42562.0	36289.2
0.0	0.0	57.5°	80201.8	74310.0	68418.3	63273.0	58127.8	52985.7	47840.4	40982.2	34123.9
0.0	0.0	60°	79727.9	74601.2	69471.5	63960.7	58446.9	52936.1	47422.2	39879.4	32333.5
0.0	0.0	62.5°	71500.4	67417.7	63331.9	58800.0	54265.0	49733.1	45201.2	37435.4	29669.5
0.0	0.0	65°	58821.7	55841.7	52861.8	49215.8	45566.7	41920.8	38274.8	31311.3	24350.8
0.0	0.0	67.5°	47673.2	44315.3	40954.3	38048.7	35140.0	32234.4	29325.7	23845.9	18366.1
		70°	37875.2	34223.1	30567.8	27730.4	24889.8	22052.3	19214.9	15572.0	11932.2
		72.5°	30078.4	26785.6	23492.7	20466.3	17436.8	14410.4	11380.8	9228.0	7075.1
		75°	14376.3	13059.8	11743.3	10160.4	8577.5	6994.5	5411.6	4473.0	3537.5
		77.5°	5328.0	4618.6	3906.2	3261.8	2617.5	1976.3	1332.0	1220.5	1109.0
		80°	1378.5	1201.9	1022.2	895.2	765.1	638.1	511.1	461.6	415.1
		82.5°	158.0	145.6	136.3	130.1	120.8	114.6	105.3	96.0	86.7
		85°	9.3	6.2	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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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049279

CATALOG NUMBER: GALN-SA9C-850-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	179.7	179.7
0.0	0.0	2.5°	167.3	164.2
0.0	0.0	5°	176.6	173.5
0.0	0.0	7.5°	195.2	189.0
0.0	0.0	10°	213.7	207.5
0.0	0.0	12.5°	241.6	232.3
0.0	0.0	15°	272.6	254.0
0.0	0.0	17.5°	325.3	285.0
0.0	0.0	20°	439.9	337.6
0.0	0.0	22.5°	619.5	421.3
0.0	0.0	25°	910.7	582.4
0.0	0.0	27.5°	1266.9	774.4
0.0	0.0	30°	1685.1	969.6
0.0	0.0	32.5°	2053.8	1155.4
0.0	0.0	35°	2533.9	1344.4
0.0	0.0	37.5°	3125.6	1586.0
0.0	0.0	40°	4042.5	1951.5
0.0	0.0	42.5°	5693.5	2626.8
0.0	0.0	45°	9246.5	4541.2
0.0	0.0	47.5°	14227.6	7511.9
0.0	0.0	50°	17405.8	9587.3
0.0	0.0	52.5°	17666.0	9571.8
0.0	0.0	55°	16126.5	8509.3
0.0	0.0	57.5°	13759.9	7112.3
0.0	0.0	60°	11436.6	5625.4
0.0	0.0	62.5°	9011.1	3884.5
0.0	0.0	65°	6585.6	2747.6
0.0	0.0	67.5°	4730.1	2053.8
		70°	3110.1	1573.6
		72.5°	2025.9	1282.4
		75°	1363.0	1062.5
		77.5°	796.1	706.3
		80°	281.9	247.8
		82.5°	52.7	37.2
		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: P1049279

CATALOG NUMBER: GALN-SA9C-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

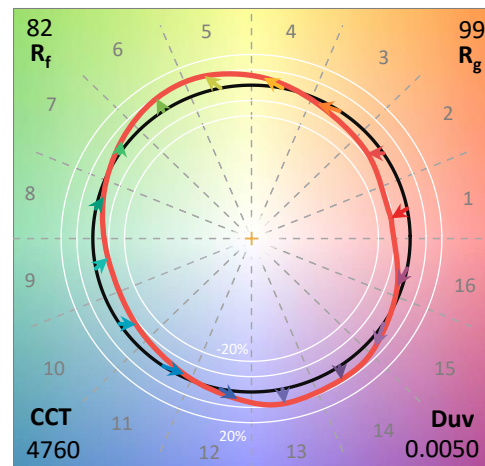
Test Information

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

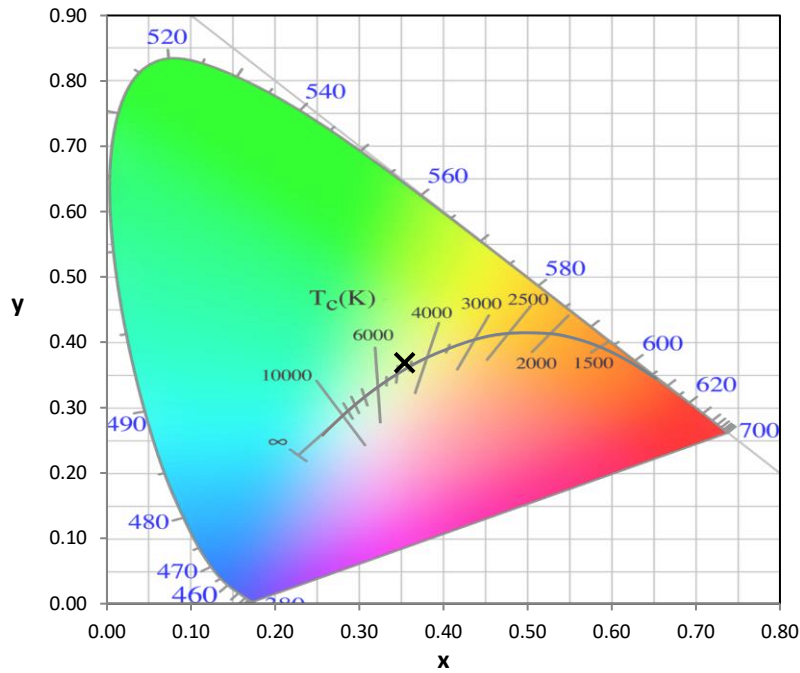
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-12

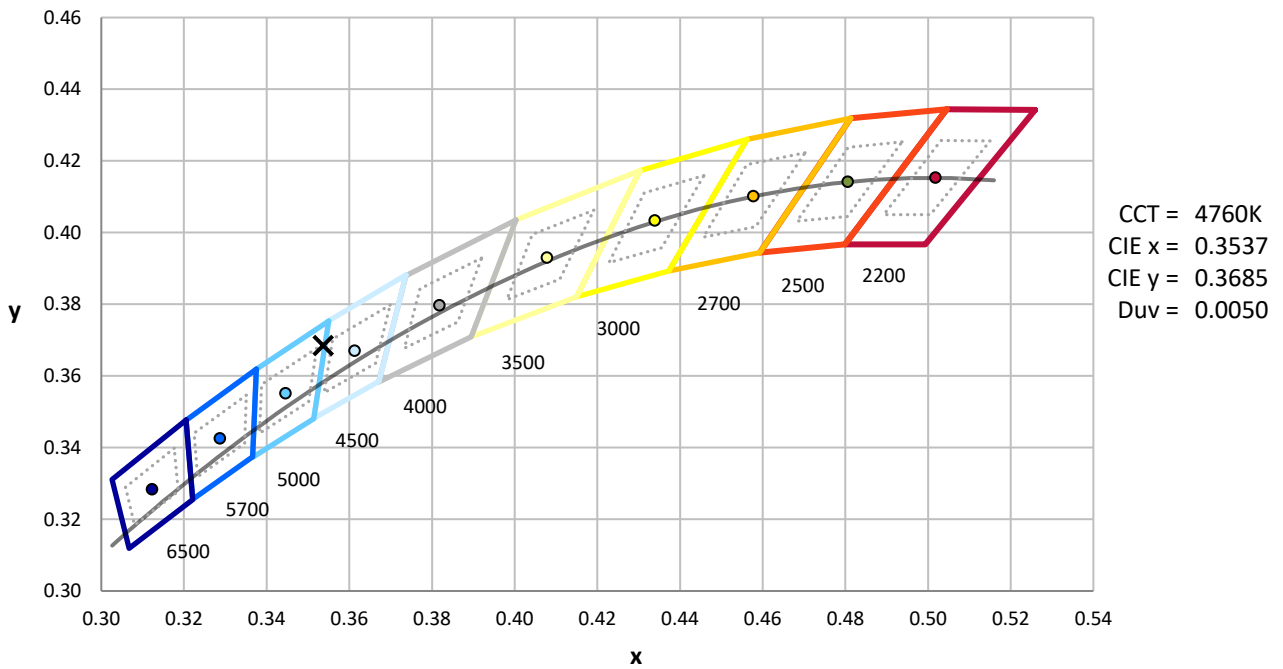
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



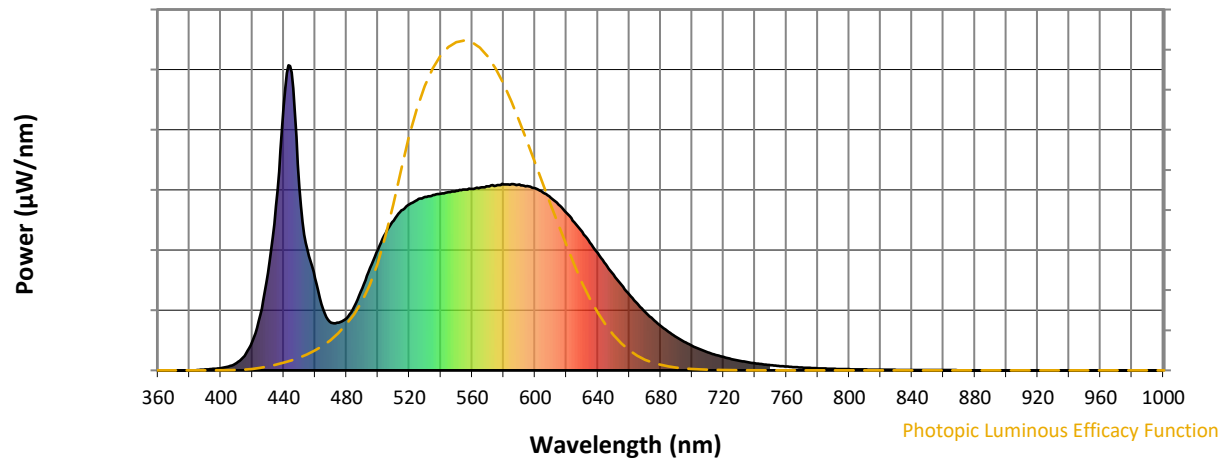
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

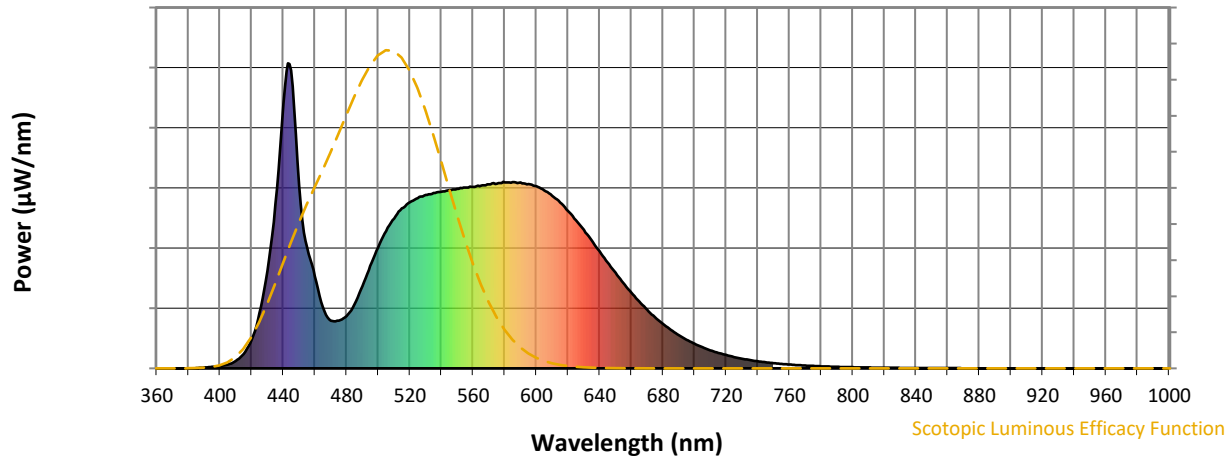


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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

Scotopic Flux vs. Wavelength



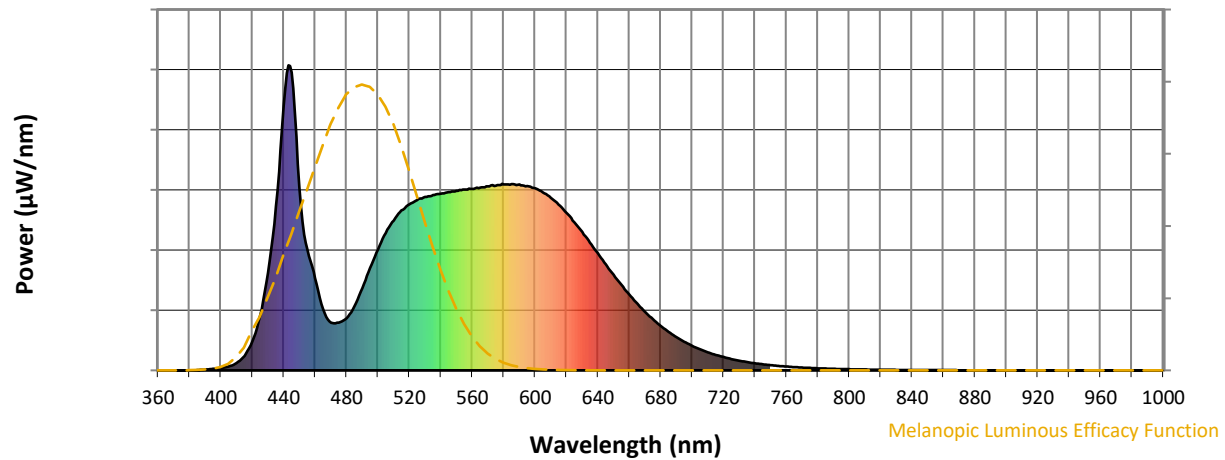
Scotopic Lumens: NR

S/P: 1.83

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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.74

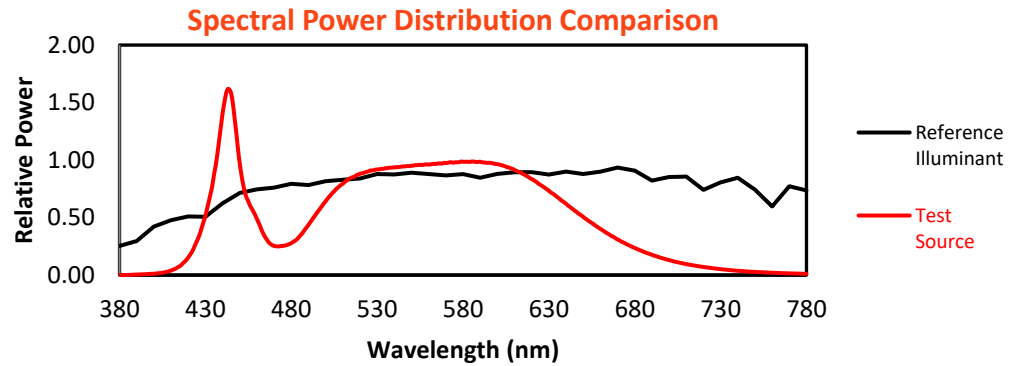
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	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

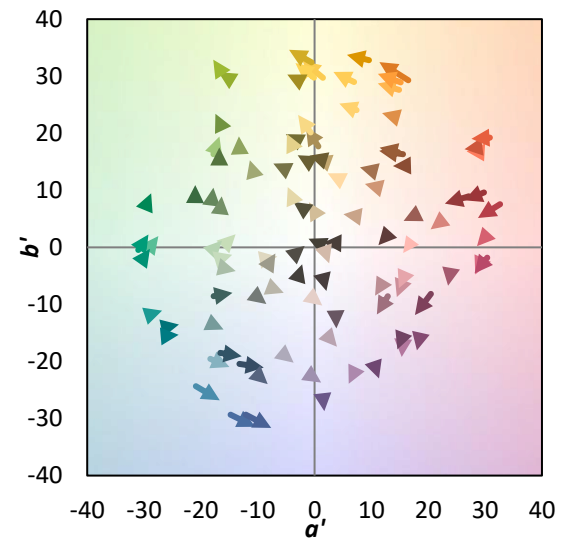
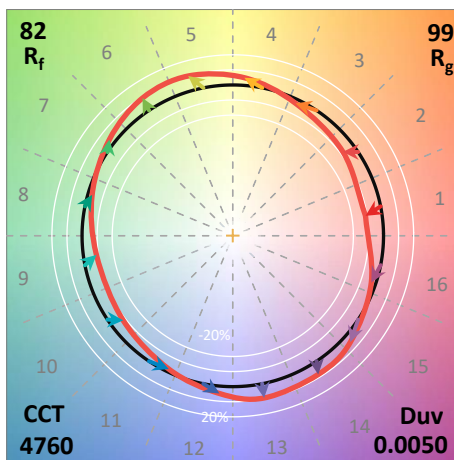
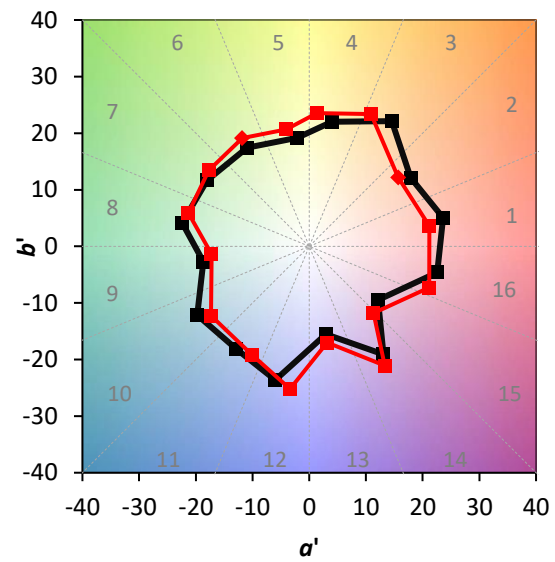
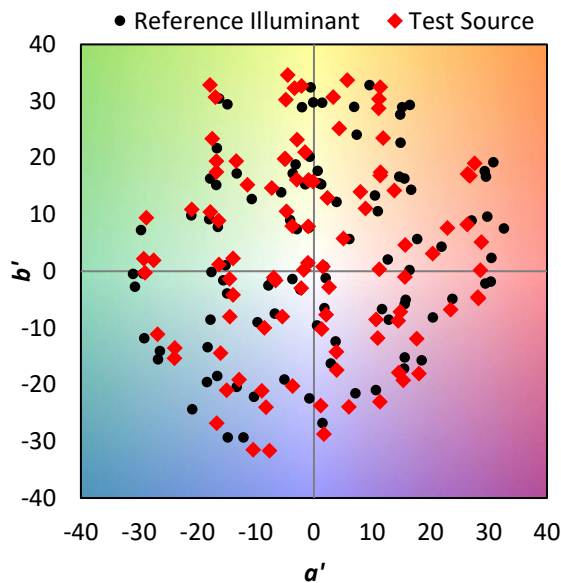
TM-30-18

Summary

$R_f = 82$
 $R_g = 99.4$
 $\text{CIE } R_a = 81.1$
 $R_9 = 8.7$

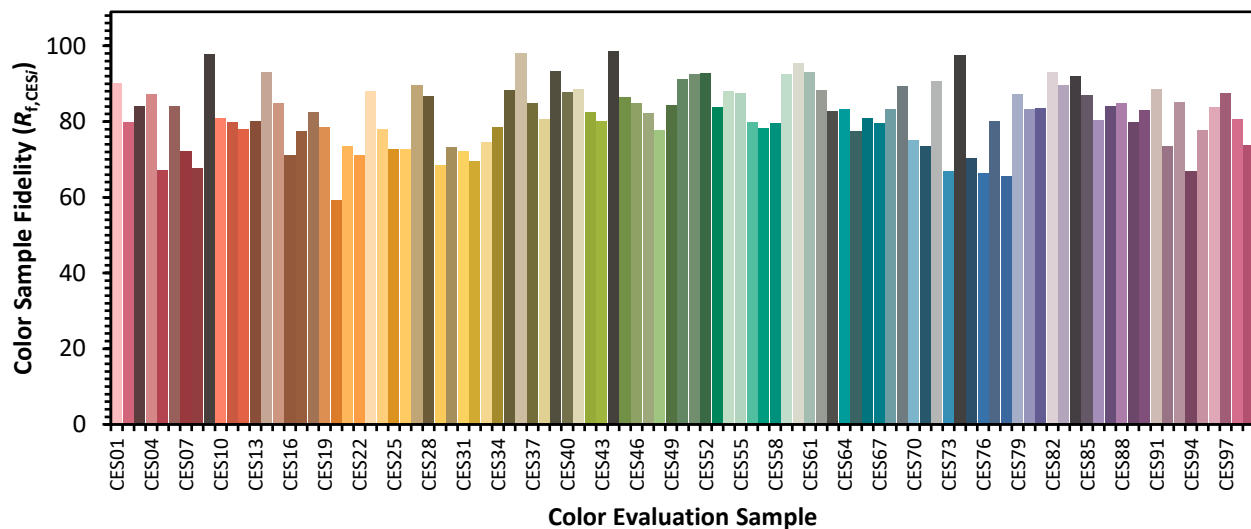


Color Vector Graphics

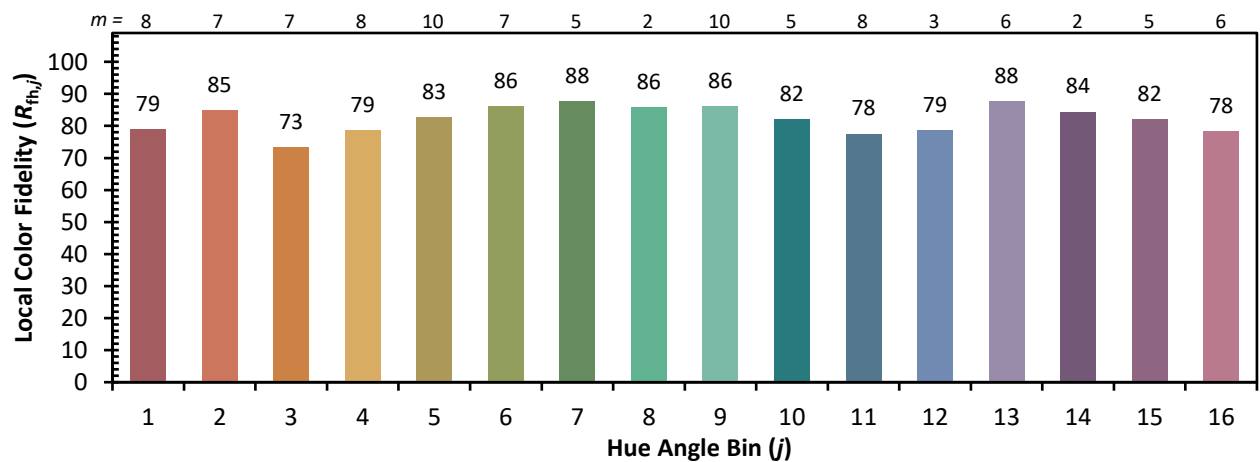
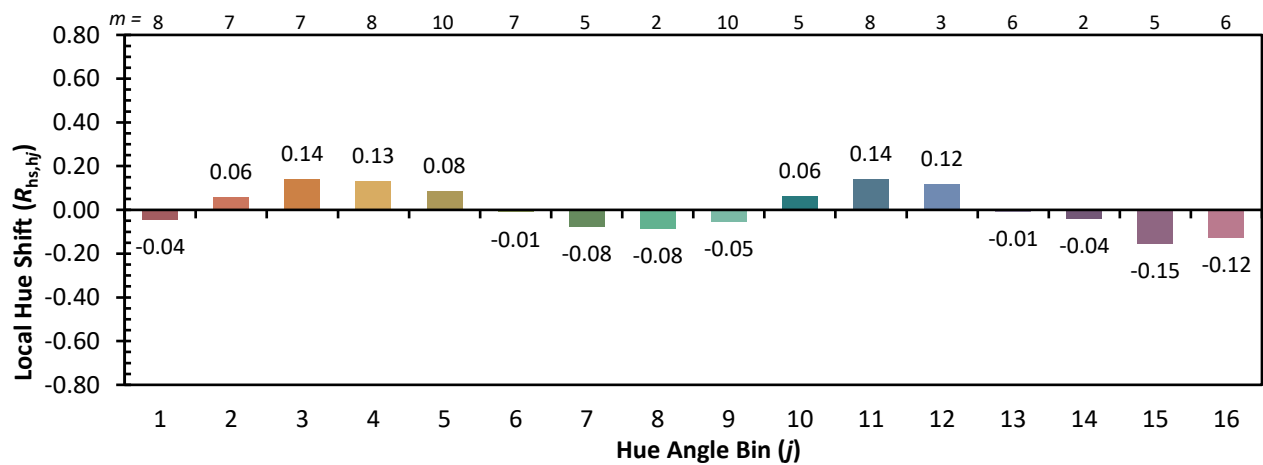
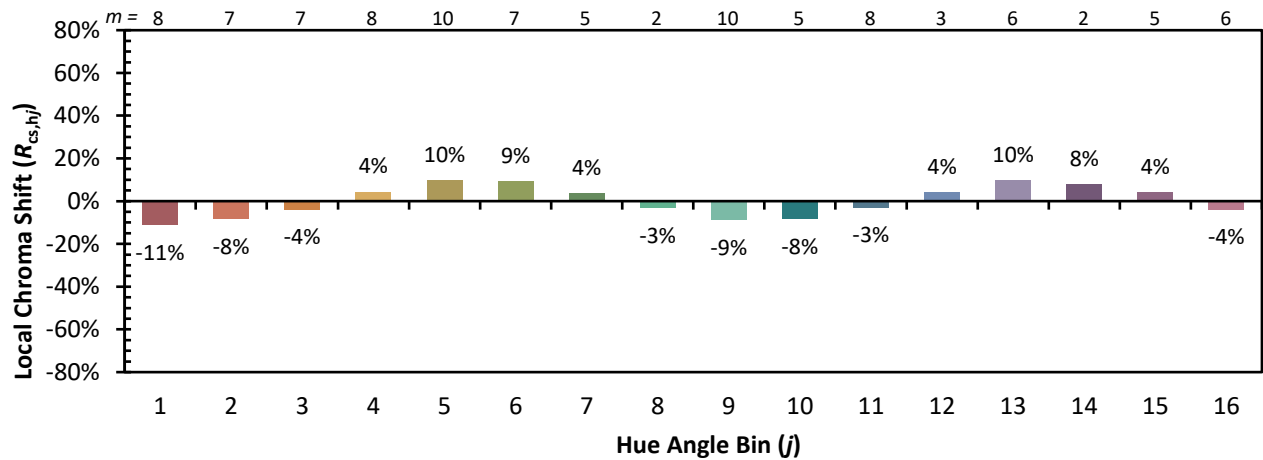


Individual Sample Fidelity Index ($R_{f,i}$)

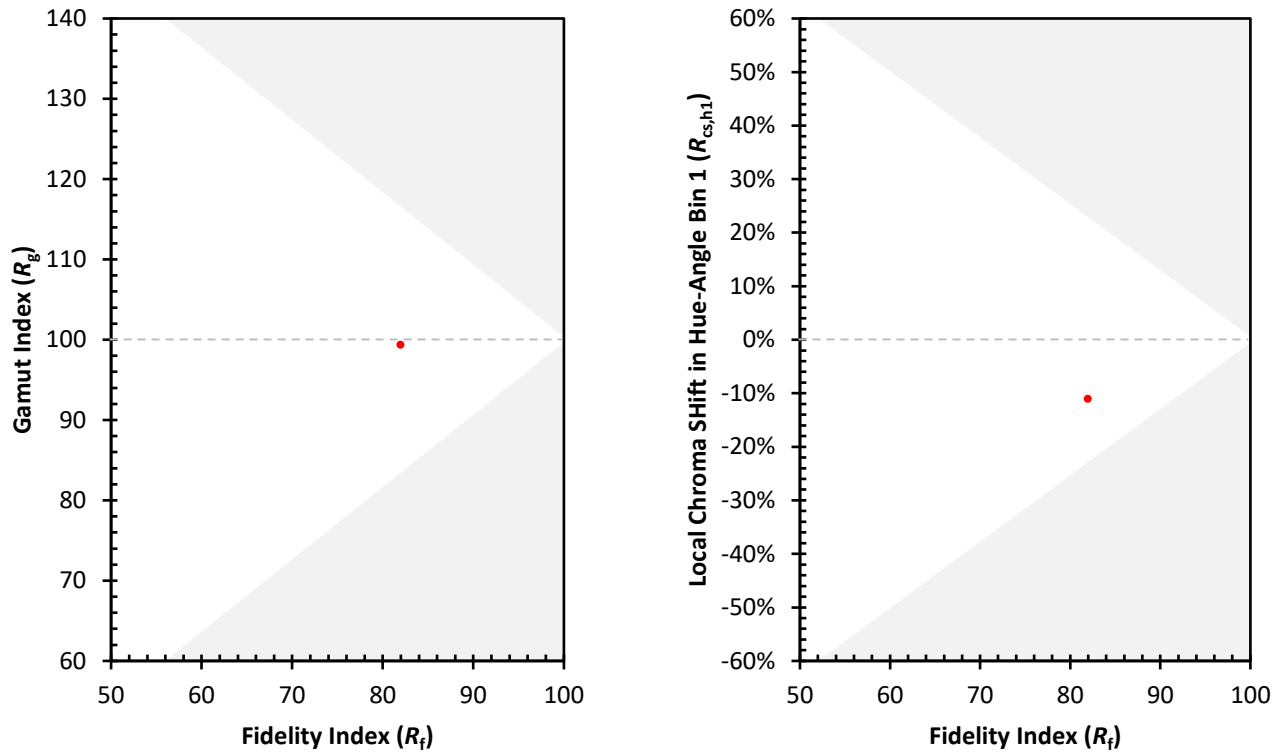
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 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)