

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: P1048981

Luminaire Tested: **GALN-SA7A-730-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048981
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7A-730-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
70CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (98) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22060 lumens
Efficiency: N/A
Efficacy: 114.2 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 193.1
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

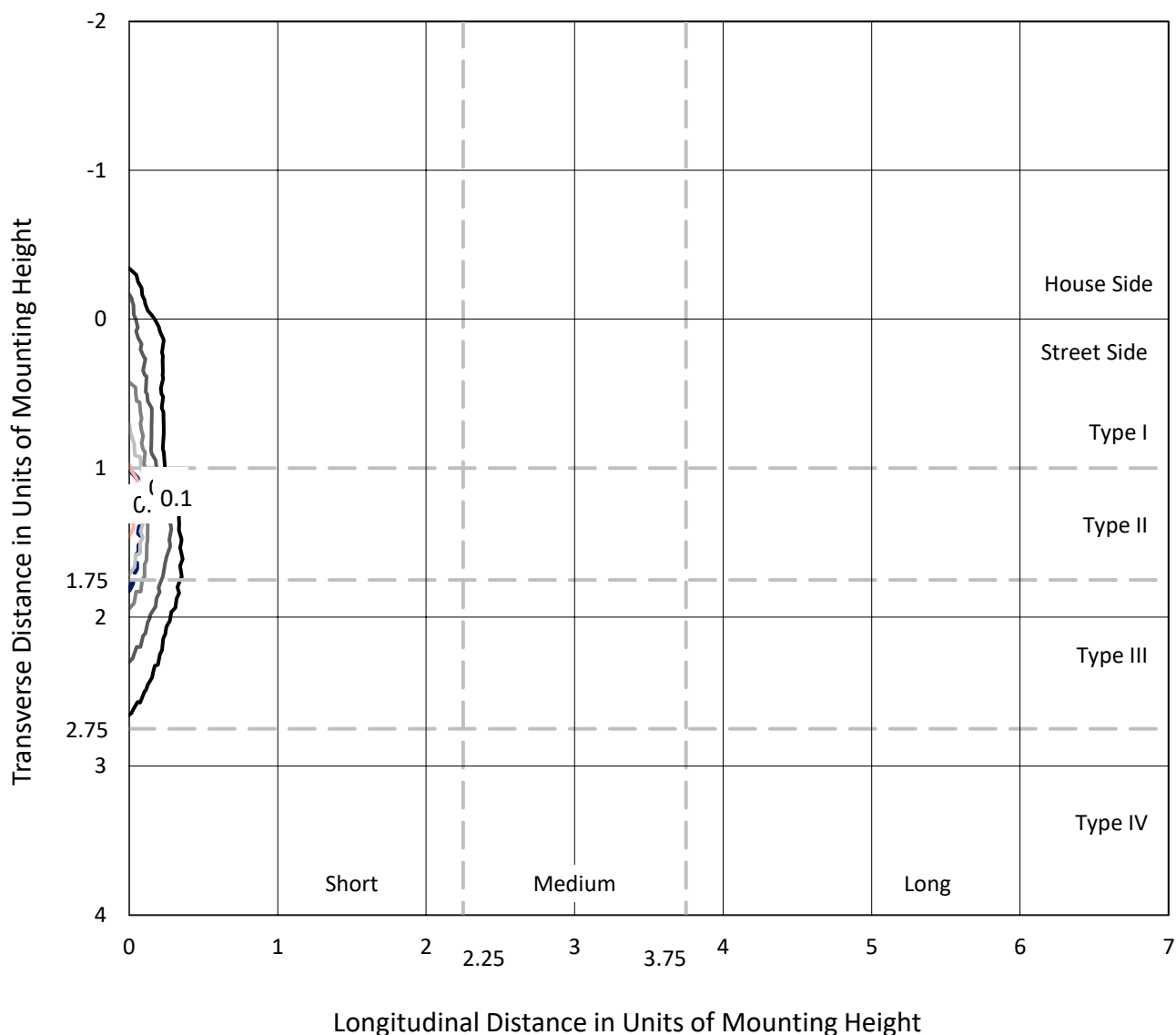
REPORT NUMBER: P1048981

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



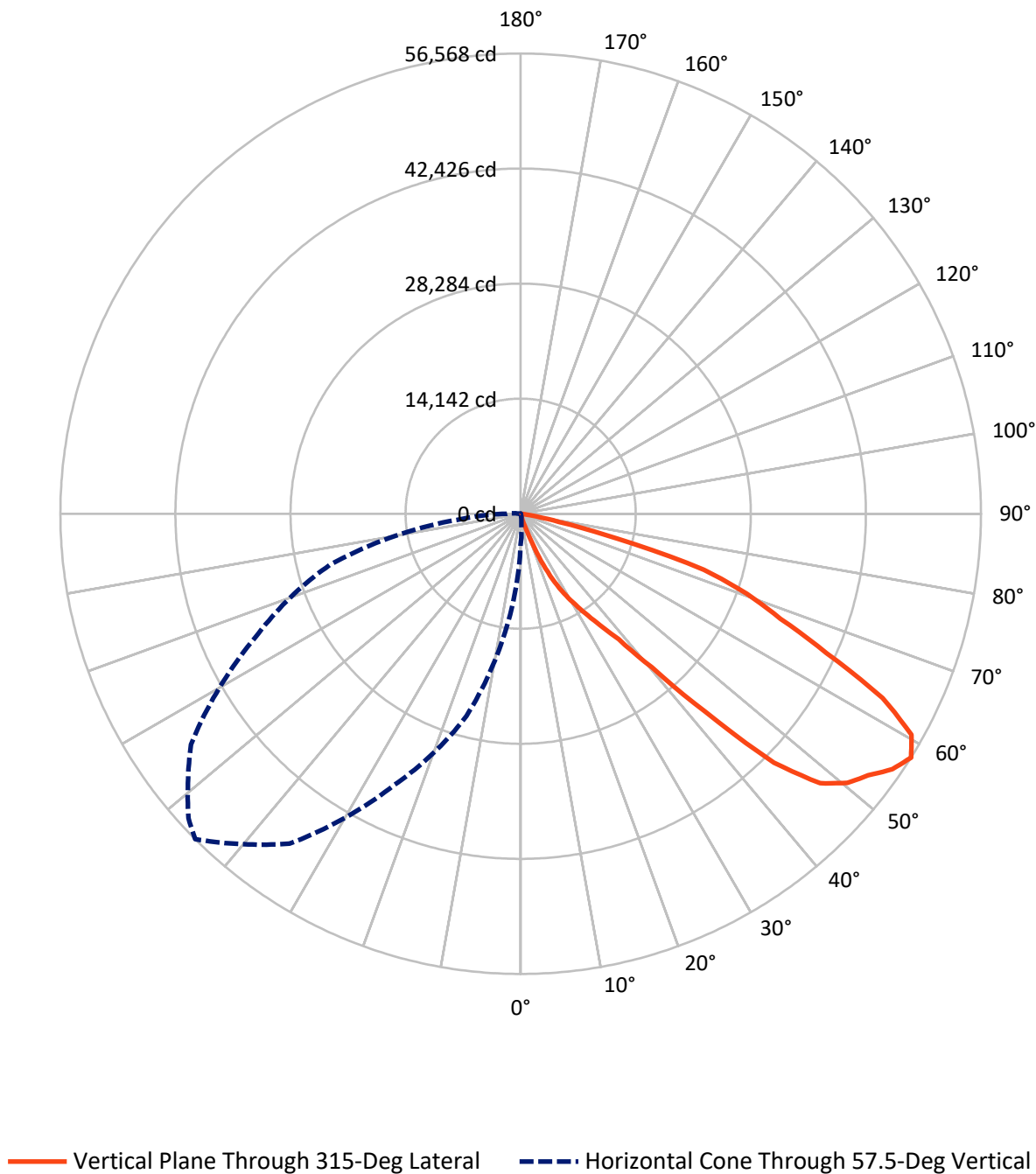
Based on 20 foot mounting height. Maximum calculated value = 3.2 fc

Type III - Short - N/A

REPORT NUMBER: P1048981

CATALOG NUMBER: GALN-SA7A-730-U-RBC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	110.5	0.0	110.5
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	21949.5	0.0	21949.5
	% Fixture	99.5	0.0	99.5
Total	Lumens	22060.0	0.0	22060.0
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.6	0.0
10°-20°	48.5	0.2
20°-30°	522.8	2.4
30°-40°	1546.0	7.0
40°-50°	4607.5	20.9
50°-60°	7305.7	33.1
60°-70°	6098.5	27.6
70°-80°	1880.6	8.5
80°-90°	41.8	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°	22060.0	100.0
0°-180°	22060.0	100.0



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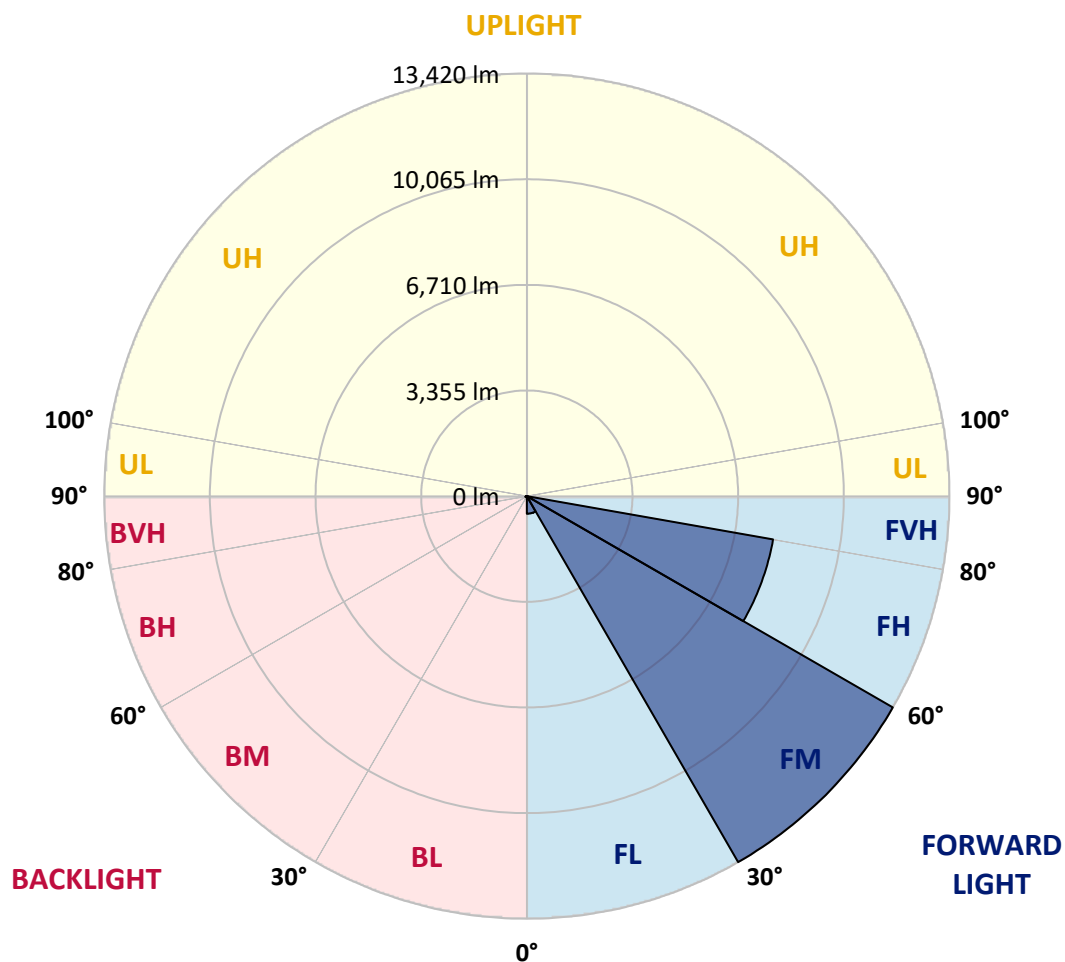
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	559.6	2.5			
FM	(30°-60°)	13419.7	60.8			
FH	(60°-80°)	7937.9	36.0			G4/12000
FVH	(80°-90°)	32.3	0.1			G1/100
BL	(0°-30°)	20.3	0.1	B0/110		
BM	(30°-60°)	39.5	0.2	B0/220		
BH	(60°-80°)	41.2	0.2	B0/110		G0/110
BVH	(80°-90°)	9.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-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°	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
2.5°	88.4	88.4	88.4	88.4	86.7	86.7	85.0	85.0	83.4	83.4
5°	93.4	93.4	91.7	90.0	90.0	88.4	86.7	85.0	85.0	83.4
7.5°	101.7	100.0	98.4	96.7	93.4	91.7	88.4	86.7	85.0	81.7
10°	111.7	108.4	105.0	101.7	98.4	95.0	91.7	90.0	86.7	85.0
12.5°	125.0	120.0	113.4	108.4	105.0	100.0	96.7	93.4	88.4	85.0
15°	136.7	130.0	121.7	115.0	110.0	103.4	98.4	93.4	90.0	85.0
17.5°	153.4	141.7	128.4	120.0	113.4	105.0	96.7	91.7	86.7	80.0
20°	181.7	158.4	133.4	123.4	113.4	103.4	93.4	86.7	81.7	75.0
22.5°	226.7	186.7	146.7	131.7	118.4	103.4	90.0	83.4	76.7	70.0
25°	313.4	241.7	170.0	150.0	130.0	110.0	90.0	81.7	75.0	66.7
27.5°	416.8	310.1	201.7	173.4	146.7	118.4	90.0	80.0	71.7	61.7
30°	521.8	380.1	236.7	200.0	163.4	126.7	90.0	78.4	68.3	56.7
32.5°	621.8	445.1	266.7	223.4	180.0	135.0	91.7	78.4	65.0	51.7
35°	723.5	498.4	271.7	226.7	181.7	135.0	90.0	75.0	61.7	46.7
37.5°	853.5	558.5	261.7	216.7	173.4	128.4	85.0	71.7	58.3	43.3
40°	1050.2	658.5	266.7	220.1	173.4	126.7	80.0	66.7	55.0	41.7
42.5°	1413.7	851.9	288.4	235.1	181.7	126.7	73.4	61.7	51.7	40.0
45°	2443.9	1415.3	386.8	306.7	226.7	146.7	66.7	56.7	48.3	38.3
47.5°	4042.6	2368.9	695.2	536.8	380.1	221.7	65.0	56.7	48.3	38.3
50°	5159.5	3017.4	875.2	673.5	471.8	270.1	68.3	58.3	50.0	40.0
52.5°	5151.2	3064.0	975.2	748.5	523.5	296.7	71.7	61.7	53.3	43.3
55°	4579.4	2787.3	993.6	763.5	535.1	305.1	76.7	66.7	56.7	46.7
57.5°	3827.6	2367.2	906.9	701.8	498.4	293.4	88.4	76.7	66.7	55.0
60°	3027.4	1867.1	706.8	558.5	411.8	263.4	116.7	101.7	88.4	73.4
62.5°	2090.5	1353.6	616.8	495.1	375.1	253.4	133.4	118.4	105.0	90.0
65°	1478.7	1018.6	556.8	453.4	351.7	248.4	145.0	128.4	113.4	96.7
67.5°	1105.3	810.2	513.5	425.1	336.7	248.4	160.0	140.0	121.7	101.7
70°	846.9	665.2	481.8	410.1	340.1	268.4	196.7	168.4	141.7	113.4
72.5°	690.2	568.5	445.1	393.4	341.7	290.1	238.4	201.7	165.0	126.7
75°	571.8	486.8	401.8	358.4	316.7	273.4	230.1	196.7	165.0	131.7
77.5°	380.1	346.7	311.7	286.7	261.7	235.1	210.0	181.7	155.0	126.7
80°	133.4	128.4	123.4	133.4	143.4	153.4	163.4	143.4	125.0	105.0
82.5°	20.0	18.3	16.7	18.3	20.0	21.7	23.3	25.0	26.7	28.3
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°	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0.0	2.5°	81.7	81.7	80.0	80.0	80.0	78.4	78.4	76.7	76.7	76.7
0.0	5°	80.0	80.0	78.4	76.7	75.0	75.0	73.4	71.7	71.7	70.0
0.0	7.5°	78.4	76.7	75.0	73.4	71.7	70.0	68.3	66.7	66.7	65.0
0.0	10°	80.0	76.7	75.0	71.7	70.0	68.3	65.0	63.3	61.7	61.7
0.0	12.5°	76.7	75.0	71.7	68.3	66.7	63.3	61.7	58.3	56.7	56.7
0.0	15°	76.7	73.4	68.3	65.0	61.7	60.0	56.7	53.3	51.7	50.0
0.0	17.5°	71.7	68.3	63.3	60.0	56.7	53.3	50.0	46.7	45.0	43.3
0.0	20°	65.0	61.7	56.7	51.7	48.3	45.0	41.7	38.3	36.7	35.0
0.0	22.5°	58.3	55.0	50.0	45.0	41.7	38.3	33.3	30.0	28.3	25.0
0.0	25°	55.0	50.0	45.0	40.0	35.0	31.7	26.7	21.7	18.3	15.0
0.0	27.5°	46.7	41.7	36.7	31.7	26.7	21.7	16.7	11.7	8.3	6.7
0.0	30°	40.0	35.0	30.0	25.0	18.3	13.3	8.3	1.7	1.7	1.7
0.0	32.5°	33.3	28.3	21.7	16.7	13.3	8.3	5.0	0.0	0.0	0.0
0.0	35°	26.7	21.7	15.0	10.0	8.3	5.0	3.3	0.0	0.0	0.0
0.0	37.5°	23.3	18.3	11.7	5.0	3.3	3.3	1.7	0.0	0.0	0.0
0.0	40°	21.7	15.0	8.3	1.7	1.7	1.7	0.0	0.0	0.0	0.0
0.0	42.5°	21.7	15.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	21.7	15.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	21.7	15.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	23.3	16.7	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	26.7	20.0	13.3	6.7	5.0	3.3	1.7	0.0	0.0	0.0
0.0	55°	33.3	30.0	25.0	21.7	16.7	11.7	5.0	0.0	0.0	0.0
0.0	57.5°	43.3	43.3	41.7	40.0	30.0	20.0	10.0	0.0	0.0	0.0
0.0	60°	58.3	58.3	58.3	58.3	43.3	30.0	15.0	0.0	0.0	0.0
0.0	62.5°	71.7	68.3	63.3	60.0	45.0	30.0	15.0	0.0	0.0	0.0
0.0	65°	71.7	65.0	56.7	48.3	36.7	25.0	11.7	0.0	0.0	0.0
0.0	67.5°	66.7	53.3	38.3	25.0	18.3	13.3	6.7	0.0	0.0	0.0
	70°	66.7	46.7	26.7	6.7	5.0	3.3	1.7	0.0	0.0	0.0
	72.5°	66.7	45.0	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	73.4	50.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	73.4	50.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	65.0	43.3	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	21.7	15.0	6.7	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°	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0.0	2.5°	75.0	75.0	75.0	73.4	73.4	73.4	73.4	71.7	71.7	71.7
0.0	5°	68.3	68.3	66.7	66.7	65.0	65.0	63.3	63.3	61.7	61.7
0.0	7.5°	63.3	61.7	61.7	60.0	58.3	58.3	56.7	56.7	55.0	53.3
0.0	10°	58.3	56.7	56.7	55.0	53.3	51.7	51.7	50.0	48.3	46.7
0.0	12.5°	53.3	51.7	50.0	48.3	46.7	45.0	45.0	43.3	41.7	40.0
0.0	15°	46.7	45.0	43.3	41.7	40.0	38.3	38.3	36.7	35.0	33.3
0.0	17.5°	40.0	38.3	38.3	36.7	35.0	33.3	31.7	28.3	26.7	25.0
0.0	20°	30.0	28.3	26.7	25.0	23.3	20.0	18.3	15.0	11.7	10.0
0.0	22.5°	20.0	16.7	15.0	11.7	8.3	6.7	5.0	1.7	0.0	0.0
0.0	25°	6.7	5.0	3.3	1.7	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: P1048981

CATALOG NUMBER: GALN-SA7A-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048981

CATALOG NUMBER: GALN-SA7A-730-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0.0	2.5°	70.0	70.0	70.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3
0.0	5°	60.0	60.0	60.0	58.3	58.3	56.7	56.7	56.7	55.0	55.0
0.0	7.5°	51.7	50.0	50.0	48.3	48.3	46.7	46.7	46.7	45.0	45.0
0.0	10°	43.3	41.7	41.7	40.0	40.0	38.3	38.3	36.7	36.7	35.0
0.0	12.5°	38.3	36.7	35.0	33.3	33.3	31.7	30.0	30.0	28.3	26.7
0.0	15°	30.0	28.3	26.7	25.0	23.3	21.7	20.0	20.0	18.3	16.7
0.0	17.5°	20.0	16.7	15.0	13.3	13.3	11.7	10.0	8.3	6.7	5.0
0.0	20°	5.0	3.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA7A-730-U-RBC

CANDELA DISTRIBUTION (continued):

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REPORT NUMBER: P1048981

CATALOG NUMBER: GALN-SA7A-730-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°	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0.0	2.5°	68.3	66.7	66.7	66.7	68.3	68.3	68.3	68.3	68.3	68.3
0.0	5°	55.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
0.0	7.5°	45.0	43.3	43.3	43.3	43.3	41.7	41.7	41.7	41.7	41.7
0.0	10°	35.0	33.3	33.3	33.3	33.3	31.7	31.7	31.7	31.7	31.7
0.0	12.5°	25.0	25.0	23.3	23.3	23.3	21.7	21.7	21.7	21.7	20.0
0.0	15°	15.0	13.3	11.7	11.7	11.7	10.0	10.0	10.0	10.0	8.3
0.0	17.5°	3.3	3.3	1.7	1.7	1.7	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

CATALOG NUMBER: GALN-SA7A-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048981

CATALOG NUMBER: GALN-SA7A-730-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0.0	2.5°	70.0	70.0	71.7	71.7	73.4	76.7	78.4	80.0	83.4	86.7
0.0	5°	55.0	56.7	56.7	58.3	60.0	61.7	63.3	65.0	68.3	71.7
0.0	7.5°	43.3	43.3	45.0	45.0	46.7	50.0	51.7	53.3	56.7	61.7
0.0	10°	33.3	33.3	35.0	35.0	36.7	40.0	41.7	43.3	46.7	51.7
0.0	12.5°	21.7	23.3	23.3	25.0	26.7	30.0	31.7	33.3	36.7	40.0
0.0	15°	10.0	11.7	11.7	13.3	15.0	18.3	20.0	21.7	25.0	30.0
0.0	17.5°	1.7	1.7	3.3	3.3	5.0	6.7	8.3	10.0	15.0	18.3
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	6.7
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
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: P1048981

CATALOG NUMBER: GALN-SA7A-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048981

CATALOG NUMBER: GALN-SA7A-730-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°	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0.0	2.5°	91.7	95.0	98.4	101.7	105.0	108.4	110.0	113.4	115.0	116.7
0.0	5°	78.4	81.7	86.7	90.0	93.4	96.7	100.0	101.7	103.4	105.0
0.0	7.5°	68.3	71.7	76.7	80.0	83.4	86.7	90.0	93.4	95.0	96.7
0.0	10°	58.3	63.3	66.7	71.7	75.0	78.4	81.7	85.0	88.4	90.0
0.0	12.5°	46.7	51.7	56.7	60.0	65.0	70.0	73.4	76.7	80.0	83.4
0.0	15°	36.7	41.7	46.7	50.0	55.0	60.0	65.0	68.3	71.7	75.0
0.0	17.5°	26.7	31.7	36.7	40.0	45.0	50.0	53.3	58.3	61.7	65.0
0.0	20°	13.3	18.3	23.3	28.3	33.3	38.3	41.7	46.7	50.0	53.3
0.0	22.5°	1.7	6.7	11.7	15.0	20.0	25.0	28.3	33.3	36.7	40.0
0.0	25°	0.0	1.7	5.0	6.7	8.3	11.7	15.0	18.3	21.7	25.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.7	3.3	6.7	10.0	13.3
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7	3.3
	85°	0.0	0.0	0.0	0.0	0.0	3.3	5.0	8.3	10.0	11.7
	87.5°	0.0	1.7	3.3	5.0	6.7	10.0	13.3	16.7	18.3	20.0
	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: P1048981

CATALOG NUMBER: GALN-SA7A-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
96.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.7											
6.7											
15.0											
21.7											
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REPORT NUMBER: P1048981

CATALOG NUMBER: GALN-SA7A-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0.0	2.5°	118.4	118.4	118.4	118.4	116.7	116.7	116.7	115.0	115.0	113.4
0.0	5°	108.4	110.0	110.0	110.0	110.0	110.0	110.0	110.0	108.4	108.4
0.0	7.5°	100.0	101.7	103.4	103.4	105.0	105.0	105.0	103.4	103.4	101.7
0.0	10°	95.0	96.7	96.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4
0.0	12.5°	88.4	90.0	91.7	91.7	93.4	93.4	93.4	93.4	91.7	91.7
0.0	15°	80.0	83.4	85.0	86.7	86.7	88.4	88.4	88.4	88.4	88.4
0.0	17.5°	73.4	76.7	78.4	80.0	80.0	81.7	81.7	83.4	83.4	83.4
0.0	20°	60.0	63.3	65.0	68.3	70.0	71.7	73.4	75.0	75.0	76.7
0.0	22.5°	46.7	50.0	51.7	55.0	56.7	58.3	60.0	61.7	63.3	65.0
0.0	25°	33.3	36.7	38.3	41.7	43.3	45.0	46.7	48.3	48.3	50.0
0.0	27.5°	18.3	21.7	25.0	26.7	30.0	31.7	33.3	35.0	36.7	38.3
0.0	30°	8.3	10.0	11.7	15.0	16.7	18.3	20.0	23.3	25.0	26.7
0.0	32.5°	0.0	0.0	1.7	5.0	6.7	8.3	10.0	11.7	11.7	13.3
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.3	5.0	6.7
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°	3.3	3.3	3.3	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	82.5°	8.3	10.0	11.7	11.7	13.3	13.3	13.3	13.3	11.7	11.7
	85°	16.7	18.3	20.0	20.0	21.7	21.7	21.7	21.7	21.7	21.7
	87.5°	23.3	25.0	26.7	26.7	28.3	28.3	28.3	28.3	28.3	28.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048981

CATALOG NUMBER: GALN-SA7A-730-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
96.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	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											
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5.0											
11.7											
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REPORT NUMBER: P1048981

CATALOG NUMBER: GALN-SA7A-730-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°	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0.0	2.5°	111.7	111.7	110.0	110.0	110.0	110.0	110.0	111.7	113.4	113.4
0.0	5°	106.7	106.7	105.0	105.0	105.0	106.7	106.7	108.4	110.0	111.7
0.0	7.5°	101.7	100.0	100.0	101.7	101.7	103.4	103.4	105.0	106.7	108.4
0.0	10°	98.4	96.7	96.7	96.7	98.4	98.4	100.0	101.7	103.4	105.0
0.0	12.5°	91.7	91.7	91.7	91.7	93.4	93.4	95.0	96.7	100.0	101.7
0.0	15°	88.4	86.7	86.7	86.7	86.7	88.4	88.4	91.7	95.0	96.7
0.0	17.5°	81.7	81.7	80.0	80.0	81.7	81.7	83.4	86.7	90.0	91.7
0.0	20°	75.0	73.4	71.7	71.7	73.4	73.4	75.0	78.4	81.7	83.4
0.0	22.5°	65.0	63.3	63.3	63.3	63.3	65.0	65.0	68.3	73.4	76.7
0.0	25°	51.7	53.3	53.3	55.0	55.0	56.7	58.3	61.7	66.7	70.0
0.0	27.5°	40.0	41.7	41.7	45.0	46.7	48.3	50.0	55.0	60.0	63.3
0.0	30°	30.0	31.7	33.3	35.0	38.3	41.7	45.0	50.0	55.0	58.3
0.0	32.5°	18.3	21.7	23.3	26.7	30.0	33.3	36.7	41.7	48.3	53.3
0.0	35°	13.3	15.0	18.3	20.0	23.3	26.7	30.0	36.7	41.7	48.3
0.0	37.5°	6.7	10.0	13.3	16.7	20.0	23.3	26.7	33.3	40.0	45.0
0.0	40°	5.0	8.3	10.0	13.3	18.3	21.7	25.0	31.7	38.3	45.0
0.0	42.5°	3.3	5.0	6.7	11.7	15.0	20.0	25.0	31.7	38.3	45.0
0.0	45°	3.3	3.3	5.0	10.0	15.0	21.7	26.7	33.3	38.3	45.0
0.0	47.5°	3.3	5.0	6.7	13.3	16.7	21.7	26.7	31.7	38.3	43.3
0.0	50°	5.0	6.7	8.3	15.0	18.3	23.3	26.7	33.3	38.3	45.0
0.0	52.5°	3.3	5.0	6.7	13.3	18.3	25.0	30.0	36.7	43.3	48.3
0.0	55°	1.7	1.7	1.7	10.0	20.0	28.3	38.3	43.3	50.0	55.0
0.0	57.5°	0.0	0.0	0.0	6.7	20.0	31.7	43.3	50.0	56.7	61.7
0.0	60°	0.0	0.0	0.0	6.7	20.0	31.7	43.3	51.7	60.0	68.3
0.0	62.5°	0.0	0.0	0.0	6.7	16.7	26.7	36.7	50.0	65.0	78.4
0.0	65°	0.0	0.0	0.0	5.0	13.3	21.7	30.0	50.0	70.0	88.4
0.0	67.5°	0.0	0.0	0.0	5.0	13.3	20.0	28.3	50.0	70.0	91.7
	70°	0.0	0.0	0.0	5.0	13.3	21.7	30.0	50.0	70.0	90.0
	72.5°	0.0	0.0	0.0	5.0	15.0	23.3	33.3	50.0	66.7	83.4
	75°	0.0	0.0	0.0	6.7	15.0	25.0	35.0	50.0	65.0	78.4
	77.5°	0.0	0.0	0.0	5.0	15.0	23.3	33.3	48.3	63.3	76.7
	80°	5.0	3.3	3.3	8.3	15.0	21.7	28.3	43.3	60.0	75.0
	82.5°	10.0	10.0	8.3	11.7	15.0	20.0	25.0	38.3	53.3	66.7
	85°	20.0	20.0	18.3	20.0	20.0	21.7	23.3	30.0	36.7	43.3
	87.5°	26.7	26.7	25.0	25.0	25.0	23.3	23.3	23.3	23.3	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

REPORT NUMBER: P1048981

CATALOG NUMBER: GALN-SA7A-730-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
96.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.3	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.7	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
91.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0											
100.0											
93.4											
91.7											
90.0											
80.0											
50.0											
21.7											
0.0											
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REPORT NUMBER: P1048981

CATALOG NUMBER: GALN-SA7A-730-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0.0	2.5°	116.7	118.4	118.4	120.0	121.7	123.4	123.4	125.0	125.0	125.0
0.0	5°	115.0	118.4	120.0	121.7	123.4	125.0	126.7	128.4	130.0	130.0
0.0	7.5°	113.4	115.0	118.4	120.0	123.4	125.0	128.4	130.0	131.7	133.4
0.0	10°	110.0	113.4	116.7	120.0	123.4	126.7	130.0	133.4	136.7	138.4
0.0	12.5°	106.7	111.7	115.0	118.4	123.4	128.4	131.7	136.7	140.0	143.4
0.0	15°	105.0	108.4	113.4	116.7	123.4	130.0	135.0	141.7	148.4	153.4
0.0	17.5°	100.0	106.7	111.7	116.7	123.4	131.7	138.4	145.0	155.0	165.0
0.0	20°	93.4	98.4	105.0	110.0	120.0	128.4	138.4	146.7	161.7	176.7
0.0	22.5°	86.7	93.4	98.4	105.0	116.7	126.7	138.4	148.4	173.4	196.7
0.0	25°	80.0	88.4	95.0	101.7	115.0	128.4	141.7	155.0	196.7	238.4
0.0	27.5°	76.7	83.4	91.7	98.4	115.0	133.4	150.0	166.7	233.4	298.4
0.0	30°	71.7	80.0	86.7	95.0	116.7	138.4	160.0	181.7	283.4	385.1
0.0	32.5°	66.7	75.0	83.4	91.7	120.0	148.4	175.0	203.4	336.7	468.4
0.0	35°	61.7	71.7	80.0	88.4	125.0	163.4	200.0	236.7	385.1	531.8
0.0	37.5°	60.0	70.0	78.4	86.7	126.7	165.0	205.0	243.4	390.1	536.8
0.0	40°	61.7	70.0	80.0	88.4	121.7	155.0	186.7	220.1	373.4	525.1
0.0	42.5°	61.7	71.7	81.7	91.7	118.4	145.0	171.7	198.4	368.4	538.5
0.0	45°	60.0	70.0	80.0	90.0	115.0	138.4	163.4	186.7	398.4	608.5
0.0	47.5°	58.3	68.3	78.4	88.4	113.4	138.4	163.4	188.4	515.1	840.2
0.0	50°	58.3	68.3	76.7	85.0	115.0	146.7	176.7	206.7	750.2	1292.0
0.0	52.5°	61.7	70.0	76.7	83.4	118.4	155.0	190.0	225.1	953.6	1680.4
0.0	55°	66.7	71.7	78.4	83.4	126.7	168.4	211.7	253.4	1015.2	1777.1
0.0	57.5°	73.4	78.4	83.4	88.4	141.7	195.0	246.7	300.1	1020.2	1738.7
0.0	60°	81.7	88.4	93.4	98.4	155.0	213.4	270.1	326.7	923.5	1518.7
0.0	62.5°	100.0	108.4	115.0	123.4	178.4	231.7	286.7	340.1	766.8	1193.6
0.0	65°	115.0	121.7	128.4	135.0	188.4	243.4	296.7	350.1	650.2	950.2
0.0	67.5°	118.4	125.0	130.0	136.7	191.7	246.7	300.1	355.1	556.8	756.8
	70°	120.0	128.4	138.4	146.7	203.4	260.1	315.1	371.8	493.4	615.1
	72.5°	115.0	131.7	146.7	161.7	215.0	266.7	320.1	371.8	458.4	545.1
	75°	115.0	138.4	160.0	181.7	221.7	260.1	300.1	338.4	405.1	471.8
	77.5°	121.7	151.7	181.7	211.7	235.1	256.7	280.1	301.7	345.1	388.4
	80°	121.7	153.4	183.4	215.0	225.1	236.7	246.7	256.7	261.7	266.7
	82.5°	105.0	130.0	155.0	180.0	168.4	156.7	145.0	133.4	125.0	115.0
	85°	53.3	58.3	61.7	65.0	60.0	55.0	50.0	45.0	41.7	36.7
	87.5°	21.7	21.7	20.0	20.0	20.0	20.0	18.3	18.3	18.3	18.3
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048981

CATALOG NUMBER: GALN-SA7A-730-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
96.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
178.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
205.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
261.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
355.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
493.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
668.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
835.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
948.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1033.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1118.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1285.3	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1618.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2467.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3779.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4757.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4866.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4391.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3754.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2934.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2217.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1637.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1158.6											
861.9											
626.8											
471.8											
265.1											
120.0											
35.0											
16.7											
0.0											
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REPORT NUMBER: P1048981

CATALOG NUMBER: GALN-SA7A-730-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°	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0.0	2.5°	125.0	123.4	123.4	121.7	120.0	118.4	116.7	115.0	113.4	111.7
0.0	5°	130.0	130.0	130.0	128.4	128.4	126.7	126.7	125.0	123.4	121.7
0.0	7.5°	135.0	136.7	136.7	138.4	138.4	138.4	138.4	136.7	136.7	136.7
0.0	10°	143.4	145.0	146.7	148.4	150.0	151.7	151.7	153.4	153.4	153.4
0.0	12.5°	153.4	158.4	161.7	166.7	170.0	175.0	178.4	183.4	186.7	190.0
0.0	15°	168.4	176.7	186.7	195.0	203.4	215.0	228.4	240.1	251.7	270.1
0.0	17.5°	190.0	216.7	243.4	268.4	295.1	353.4	411.8	468.4	526.8	611.8
0.0	20°	231.7	311.7	390.1	470.1	548.5	753.5	956.9	1161.9	1365.3	1583.7
0.0	22.5°	325.1	521.8	718.5	915.2	1111.9	1540.4	1967.1	2395.6	2822.3	3324.1
0.0	25°	471.8	833.5	1195.3	1555.4	1917.1	2587.3	3259.1	3929.2	4599.4	5251.2
0.0	27.5°	686.8	1240.3	1793.7	2345.5	2899.0	3807.5	4717.8	5626.3	6534.8	7271.7
0.0	30°	951.9	1702.1	2452.2	3202.4	3952.6	4986.2	6019.7	7051.6	8085.2	8890.4
0.0	32.5°	1201.9	2120.5	3039.0	3955.9	4874.5	6051.4	7230.0	8406.9	9583.9	10464.1
0.0	35°	1365.3	2475.6	3587.5	4697.8	5808.0	7081.6	8355.3	9627.2	10900.9	11906.1
0.0	37.5°	1528.7	2810.7	4090.9	5372.9	6653.2	8051.9	9450.5	10849.2	12247.8	13489.8
0.0	40°	1712.1	3215.7	4717.8	6221.4	7723.5	9380.5	11035.9	12692.9	14348.3	16100.4
0.0	42.5°	2030.5	3887.6	5746.3	7603.4	9460.5	11652.7	13844.9	16035.4	18227.6	20728.1
0.0	45°	2628.9	5246.2	7865.2	10482.4	13099.7	16003.7	18909.4	21813.4	24717.4	28044.8
0.0	47.5°	4094.3	7695.1	11294.3	14895.1	18494.3	21630.0	24764.1	27899.8	31033.9	34348.0
0.0	50°	6264.8	10455.8	14646.7	18836.0	23027.0	25864.3	28700.0	31537.3	34373.0	37525.4
0.0	52.5°	7835.2	12201.2	16568.8	20934.9	25300.9	27861.5	30423.7	32984.3	35544.9	38490.6
0.0	55°	7953.5	12294.5	16637.2	20978.2	25319.2	27891.5	30463.7	33036.0	35608.3	38730.6
0.0	57.5°	7041.6	11347.6	15652.0	19958.0	24262.3	27191.3	30118.7	33047.7	35975.0	39350.8
0.0	60°	5989.7	10297.4	14603.4	18911.1	23217.1	26591.2	29966.9	33341.1	36715.2	39877.6
0.0	62.5°	4672.8	9103.8	13536.5	17967.5	22398.5	25824.3	29250.1	32674.2	36100.0	38472.3
0.0	65°	3482.5	7785.1	12087.8	16388.8	20691.5	23435.4	26179.4	28921.7	31665.7	33134.3
0.0	67.5°	2517.3	6228.1	9937.3	13648.2	17357.4	19321.1	21284.9	23247.1	25210.8	26334.4
	70°	1702.1	4272.7	6841.6	9412.2	11981.1	13594.8	15210.2	16823.9	18437.6	19954.6
	72.5°	1178.6	2622.3	4067.6	5511.3	6954.9	8578.7	10200.7	11824.4	13446.5	15051.8
	75°	781.8	1438.7	2097.2	2754.0	3410.8	4612.7	5816.3	7018.3	8220.2	9177.1
	77.5°	555.1	751.8	950.2	1146.9	1343.6	1568.7	1795.4	2020.5	2245.5	2587.3
	80°	263.4	288.4	313.4	336.7	361.8	443.4	525.1	606.8	688.5	775.2
	82.5°	125.0	135.0	145.0	153.4	163.4	171.7	180.0	188.4	196.7	188.4
	85°	33.3	33.3	35.0	35.0	35.0	35.0	35.0	35.0	35.0	33.3
	87.5°	15.0	15.0	15.0	15.0	15.0	15.0	15.0	13.3	13.3	11.7
	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: P1048981

CATALOG NUMBER: GALN-SA7A-730-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
96.7	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.0	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
290.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
695.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1803.8	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3825.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5903.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8008.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9697.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11346.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12911.3	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14733.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17852.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23228.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31372.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37662.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40677.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41436.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41854.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42726.6	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43038.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40846.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34604.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27459.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21470.0											
16657.2											
10134.0											
2929.0											
861.9											
178.4											
31.7											
11.7											
0.0											
0.0											
0.0											
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REPORT NUMBER: P1048981

CATALOG NUMBER: GALN-SA7A-730-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0.0	2.5°	108.4	106.7	105.0	103.4	101.7	98.4	98.4	96.7	96.7
0.0	5°	118.4	116.7	115.0	113.4	113.4	111.7	110.0	110.0	108.4
0.0	7.5°	135.0	133.4	131.7	130.0	130.0	128.4	128.4	126.7	126.7
0.0	10°	155.0	155.0	155.0	155.0	155.0	153.4	153.4	153.4	151.7
0.0	12.5°	195.0	196.7	200.0	203.4	208.4	208.4	208.4	206.7	206.7
0.0	15°	308.4	326.7	340.1	353.4	365.1	391.8	388.4	383.4	380.1
0.0	17.5°	780.2	863.5	908.5	951.9	996.9	1120.3	1100.3	1080.3	1061.9
0.0	20°	2022.1	2240.5	2385.6	2530.6	2677.3	2909.0	2852.3	2795.6	2739.0
0.0	22.5°	4326.0	4827.8	5046.2	5264.6	5481.3	5761.3	5579.6	5397.9	5217.9
0.0	25°	6553.2	7205.0	7573.4	7941.8	8308.6	8468.6	8231.9	7993.5	7756.8
0.0	27.5°	8745.4	9482.2	9807.3	10130.7	10455.8	10790.8	10497.4	10202.4	9909.0
0.0	30°	10502.4	11307.6	11659.4	12009.5	12361.2	12594.6	12291.2	11986.1	11682.7
0.0	32.5°	12226.2	13106.4	13491.5	13876.6	14260.0	14595.1	14221.6	13846.5	13473.1
0.0	35°	13914.9	14920.1	15450.2	15980.4	16510.5	16822.2	16378.8	15933.7	15490.3
0.0	37.5°	15975.4	17217.3	17810.8	18404.3	18997.7	19566.2	19077.8	18587.6	18099.2
0.0	40°	19604.5	21356.6	22266.8	23178.7	24088.9	24822.4	24205.6	23588.8	22972.0
0.0	42.5°	25729.3	28229.9	29538.5	30845.5	32154.1	33299.4	32650.9	32002.4	31353.9
0.0	45°	34699.7	38027.2	39622.5	41216.2	42811.6	43648.5	42714.9	41779.7	40846.1
0.0	47.5°	40974.5	44288.6	45708.9	47129.3	48549.6	49504.8	48362.9	47220.9	46080.7
0.0	50°	43828.5	46980.9	48406.2	49829.9	51255.2	52013.7	50695.1	49374.8	48056.1
0.0	52.5°	44380.3	47326.0	49026.4	50728.4	52428.8	53442.4	51885.4	50326.7	48769.6
0.0	55°	44977.1	48099.5	50071.6	52045.4	54017.5	55421.2	53660.8	51898.7	50138.3
0.0	57.5°	46100.7	49476.5	51443.6	53409.1	55376.2	56568.1	54802.7	53035.6	51270.2
0.0	60°	46200.7	49361.4	51051.8	52743.9	54434.3	55184.5	53495.7	51805.3	50116.6
0.0	62.5°	43218.4	45590.6	46764.2	47937.8	49111.4	49926.6	48164.5	46400.8	44638.7
0.0	65°	36073.4	37542.0	38477.3	39412.5	40347.7	41319.6	39705.9	38092.2	36478.5
0.0	67.5°	28583.3	29706.9	30938.8	32170.8	33402.7	34441.3	33149.4	31855.7	30563.8
	70°	22987.0	24502.3	25887.7	27273.0	28658.3	29508.5	28211.5	26912.9	25615.9
	72.5°	18262.6	19867.9	21024.9	22180.1	23337.1	23545.5	22591.9	21638.4	20686.5
	75°	11089.2	12046.1	12069.5	12091.1	12114.5	12312.9	11522.7	10732.5	9944.0
	77.5°	3270.8	3612.5	3894.2	4174.3	4456.0	4796.1	4506.0	4214.3	3924.2
	80°	946.9	1033.6	1106.9	1178.6	1252.0	1208.6	1140.3	1071.9	1003.6
	82.5°	170.0	160.0	158.4	156.7	156.7	148.4	135.0	121.7	108.4
	85°	30.0	28.3	26.7	25.0	23.3	21.7	18.3	16.7	13.3
	87.5°	10.0	8.3	6.7	5.0	5.0	1.7	1.7	1.7	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048981

CATALOG NUMBER: GALN-SA7A-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048981

CATALOG NUMBER: GALN-SA7A-730-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°	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0.0	0.0	2.5°	95.0	93.4	93.4	93.4	93.4	91.7	91.7	91.7	91.7
0.0	0.0	5°	105.0	105.0	103.4	103.4	101.7	101.7	100.0	100.0	98.4
0.0	0.0	7.5°	123.4	121.7	120.0	118.4	116.7	113.4	111.7	110.0	110.0
0.0	0.0	10°	148.4	145.0	143.4	140.0	138.4	135.0	131.7	128.4	125.0
0.0	0.0	12.5°	195.0	188.4	183.4	176.7	170.0	165.0	158.4	153.4	146.7
0.0	0.0	15°	338.4	321.7	303.4	281.7	258.4	236.7	213.4	200.0	185.0
0.0	0.0	17.5°	865.2	778.5	690.2	618.5	546.8	476.8	405.1	353.4	301.7
0.0	0.0	20°	2202.2	1962.1	1722.1	1485.3	1247.0	1010.2	771.8	651.8	531.8
0.0	0.0	22.5°	4144.3	3699.2	3252.4	2820.7	2387.2	1955.5	1523.7	1252.0	981.9
0.0	0.0	25°	6396.5	5836.4	5276.2	4566.1	3854.2	3144.1	2433.9	1992.1	1550.4
0.0	0.0	27.5°	8323.6	7678.4	7033.3	6169.8	5306.2	4442.7	3579.2	2920.7	2263.9
0.0	0.0	30°	9992.3	9298.8	8605.3	7600.1	6594.9	5589.6	4584.4	3760.9	2937.3
0.0	0.0	32.5°	11439.3	10609.1	9778.9	8742.0	7705.1	6668.2	5631.3	4621.1	3610.8
0.0	0.0	35°	13108.0	12139.5	11169.3	10019.0	8867.1	7716.8	6566.5	5426.3	4284.3
0.0	0.0	37.5°	15228.5	14039.9	12849.6	11567.7	10285.7	9005.4	7723.5	6419.8	5116.2
0.0	0.0	40°	19287.8	17754.1	16220.4	14591.7	12961.3	11332.6	9703.9	8103.5	6503.2
0.0	0.0	42.5°	26561.2	24489.0	22416.9	20249.7	18080.9	15913.7	13744.9	11487.7	9228.8
0.0	0.0	45°	34769.7	32199.1	29626.9	27194.6	24760.7	22328.5	19896.3	16798.9	13701.5
0.0	0.0	47.5°	39385.8	36610.2	33834.5	31532.3	29230.1	26927.9	24625.7	21286.6	17947.5
0.0	0.0	50°	41084.5	38258.9	35433.2	33314.4	31193.9	29075.1	26954.6	23610.5	20264.7
0.0	0.0	52.5°	41446.3	38563.9	35681.6	33549.4	31417.3	29286.8	27154.6	23832.2	20509.8
0.0	0.0	55°	42189.8	39097.4	36003.3	33572.8	31142.2	28711.7	26281.1	22905.3	19529.5
0.0	0.0	57.5°	43161.7	39990.9	36820.2	34051.2	31282.3	28514.9	25746.0	22055.1	18364.3
0.0	0.0	60°	42906.6	40147.6	37387.0	34421.3	31454.0	28488.3	25520.9	21461.6	17400.7
0.0	0.0	62.5°	38478.9	36281.7	34082.9	31644.0	29203.4	26764.5	24325.6	20146.3	15967.0
0.0	0.0	65°	31655.7	30052.0	28448.3	26486.1	24522.4	22560.2	20598.1	16850.6	13104.7
0.0	0.0	67.5°	25655.9	23848.9	22040.1	20476.4	18911.1	17347.4	15782.0	12833.0	9884.0
		70°	20383.1	18417.6	16450.5	14923.5	13394.8	11867.8	10340.7	8380.3	6421.5
		72.5°	16187.1	14415.0	12642.9	11014.2	9383.8	7755.1	6124.8	4966.2	3807.5
		75°	7736.8	7028.3	6319.8	5467.9	4616.1	3764.2	2912.3	2407.2	1903.8
		77.5°	2867.3	2485.6	2102.2	1755.4	1408.7	1063.6	716.8	656.8	596.8
		80°	741.8	646.8	550.1	481.8	411.8	343.4	275.1	248.4	223.4
		82.5°	85.0	78.4	73.4	70.0	65.0	61.7	56.7	51.7	46.7
		85°	5.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048981

CATALOG NUMBER: GALN-SA7A-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048981

CATALOG NUMBER: GALN-SA7A-730-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	96.7	96.7
0.0	0.0	2.5°	90.0	88.4
0.0	0.0	5°	95.0	93.4
0.0	0.0	7.5°	105.0	101.7
0.0	0.0	10°	115.0	111.7
0.0	0.0	12.5°	130.0	125.0
0.0	0.0	15°	146.7	136.7
0.0	0.0	17.5°	175.0	153.4
0.0	0.0	20°	236.7	181.7
0.0	0.0	22.5°	333.4	226.7
0.0	0.0	25°	490.1	313.4
0.0	0.0	27.5°	681.8	416.8
0.0	0.0	30°	906.9	521.8
0.0	0.0	32.5°	1105.3	621.8
0.0	0.0	35°	1363.6	723.5
0.0	0.0	37.5°	1682.1	853.5
0.0	0.0	40°	2175.5	1050.2
0.0	0.0	42.5°	3064.0	1413.7
0.0	0.0	45°	4976.2	2443.9
0.0	0.0	47.5°	7656.8	4042.6
0.0	0.0	50°	9367.2	5159.5
0.0	0.0	52.5°	9507.2	5151.2
0.0	0.0	55°	8678.7	4579.4
0.0	0.0	57.5°	7405.1	3827.6
0.0	0.0	60°	6154.8	3027.4
0.0	0.0	62.5°	4849.5	2090.5
0.0	0.0	65°	3544.2	1478.7
0.0	0.0	67.5°	2545.6	1105.3
		70°	1673.7	846.9
		72.5°	1090.3	690.2
		75°	733.5	571.8
		77.5°	428.4	380.1
		80°	151.7	133.4
		82.5°	28.3	20.0
		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: P1048981

CATALOG NUMBER: GALN-SA7A-730-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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

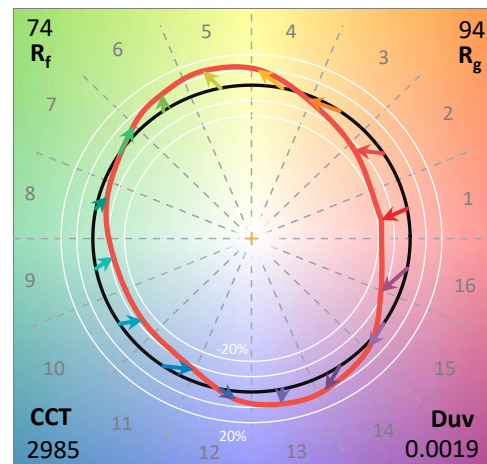
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

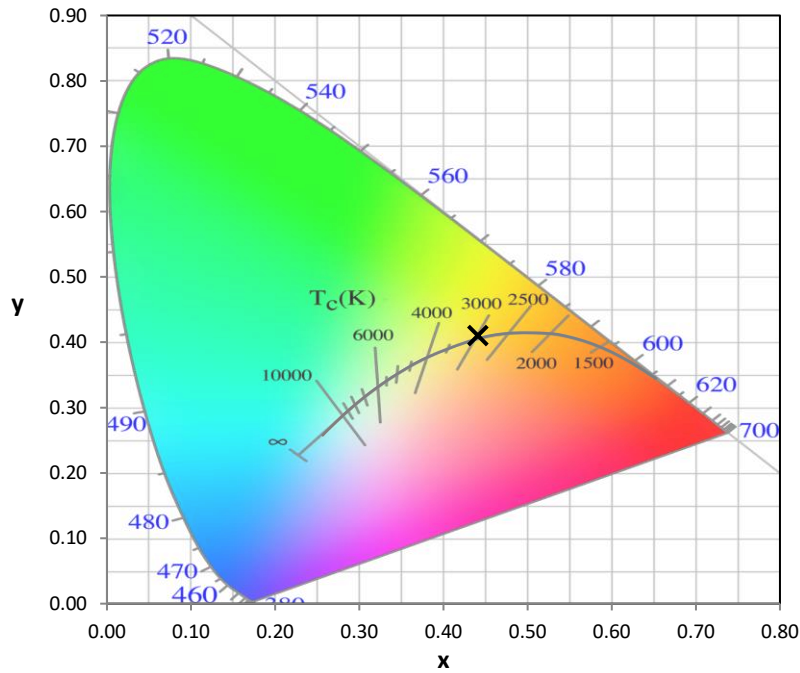
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

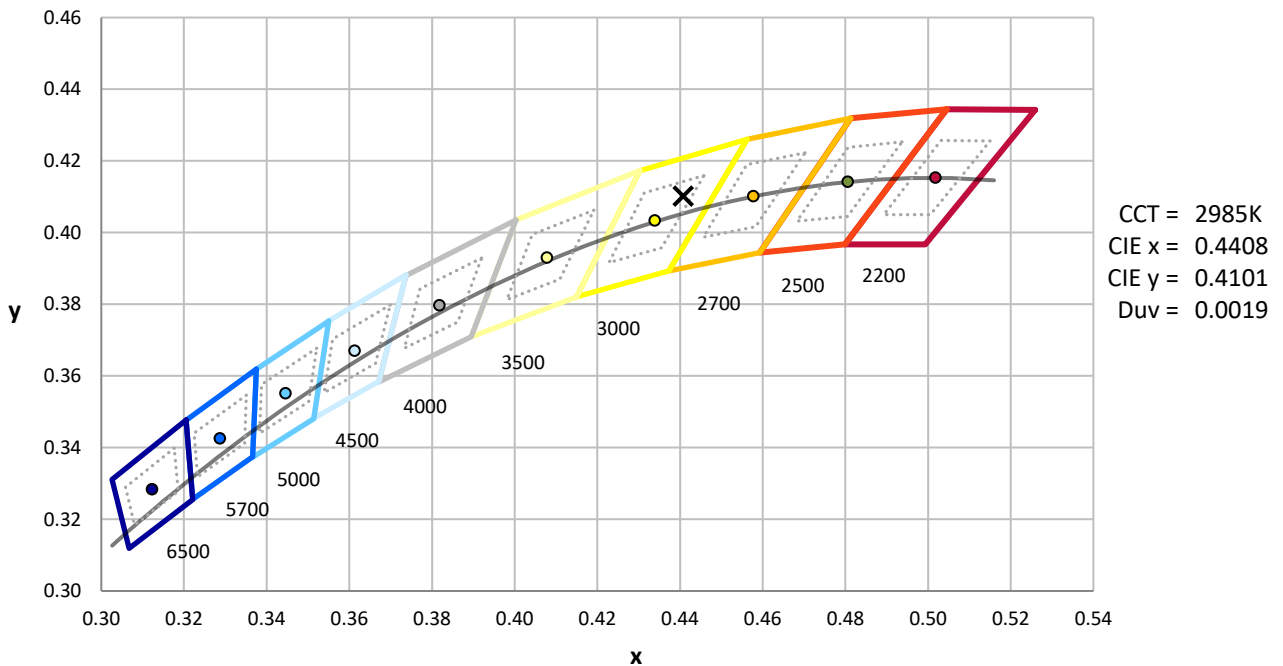
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



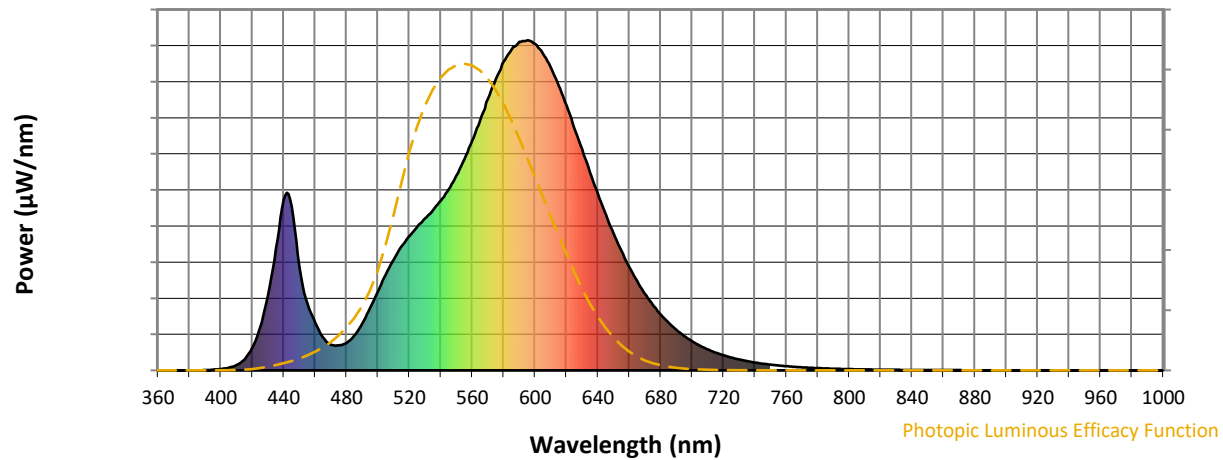
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

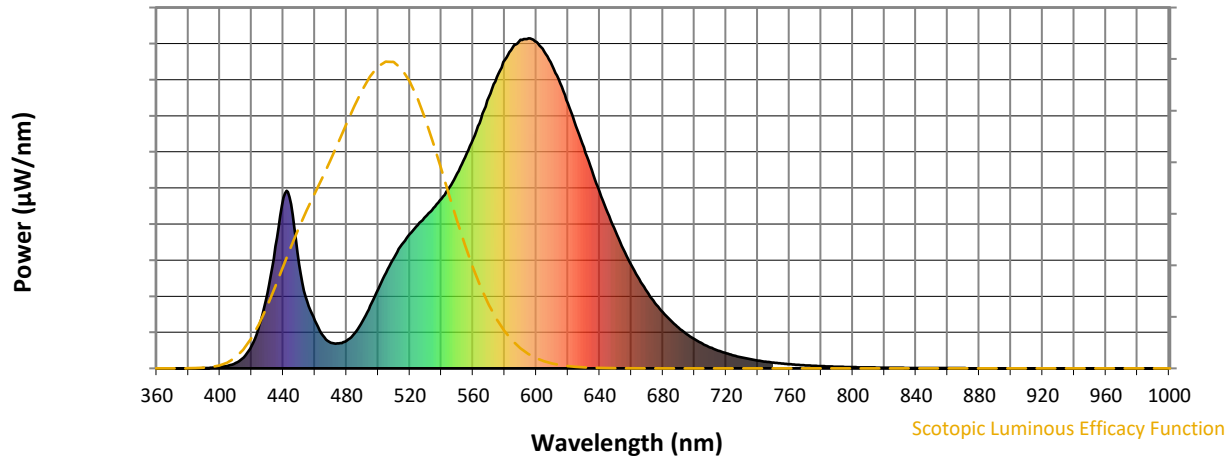


Photopic Lumens: NR

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



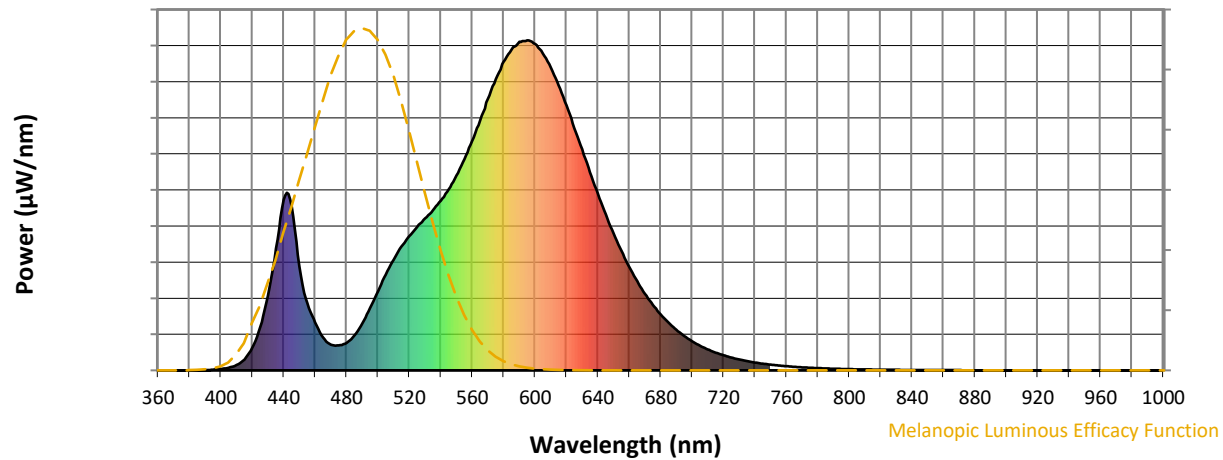
Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.13

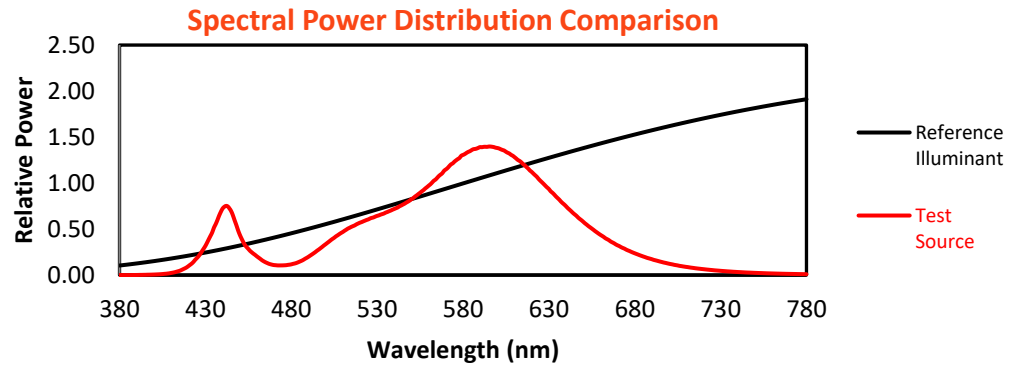
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

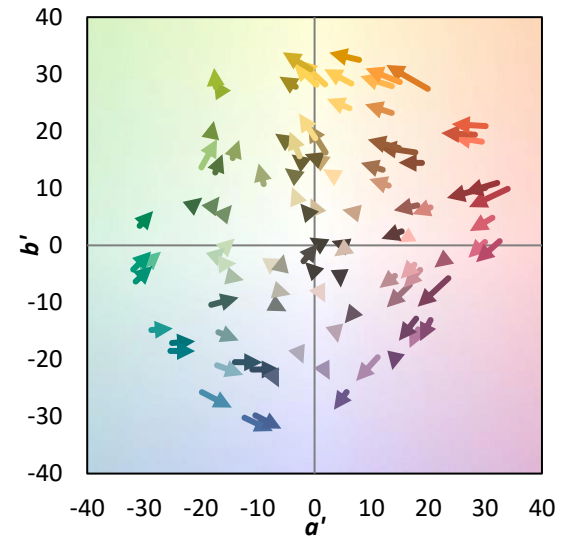
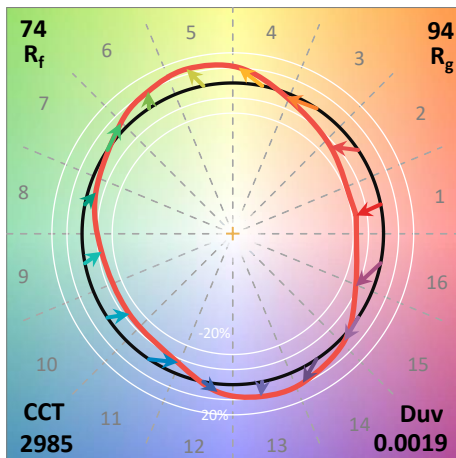
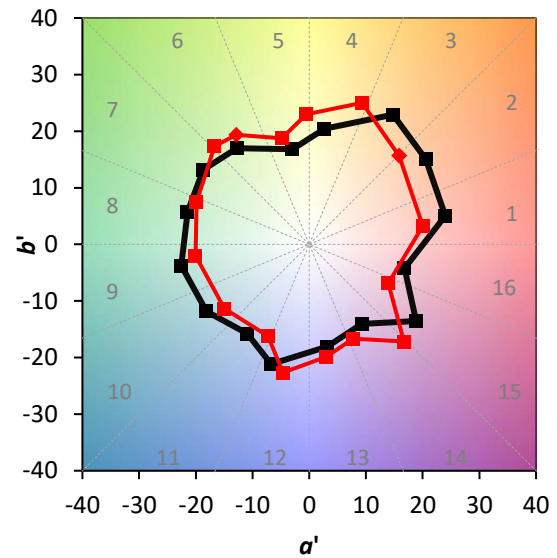
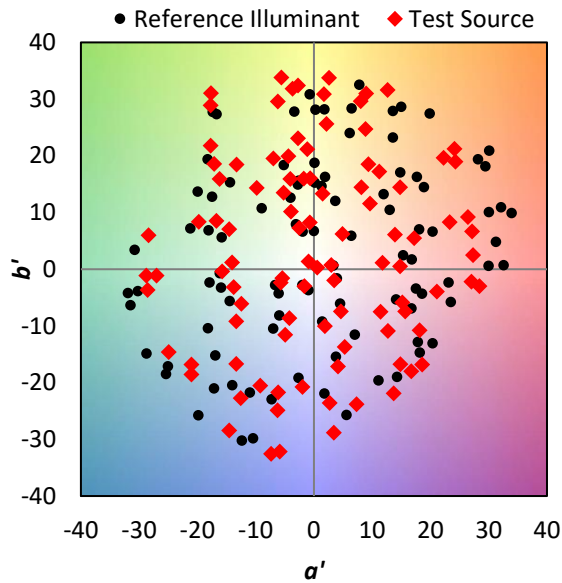
TM-30-18

Summary

$R_f = 73.8$
 $R_g = 94.4$
 $CIE\ R_a = 70.8$
 $R_g = -43.2$

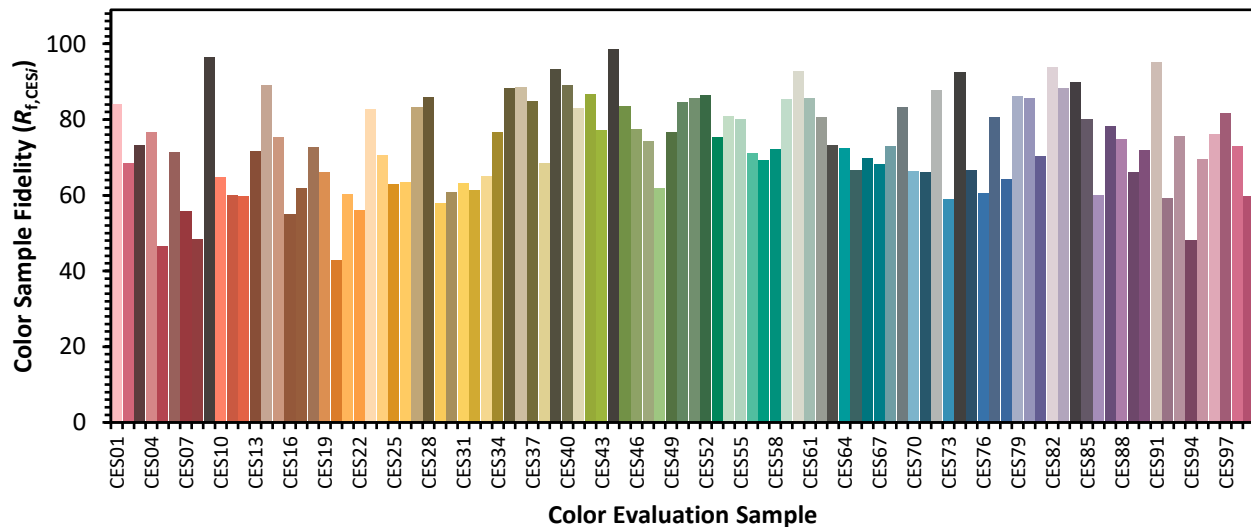


Color Vector Graphics

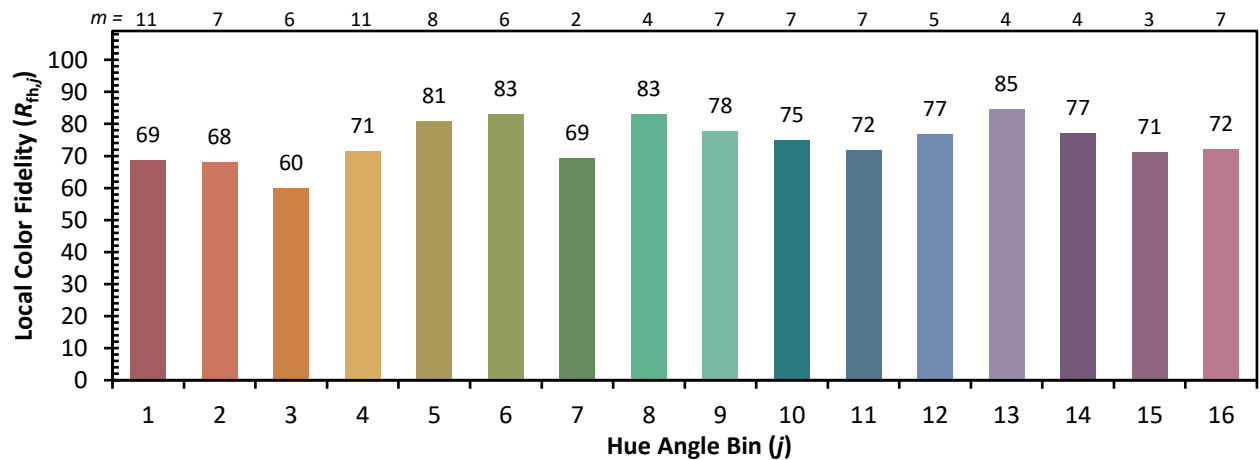
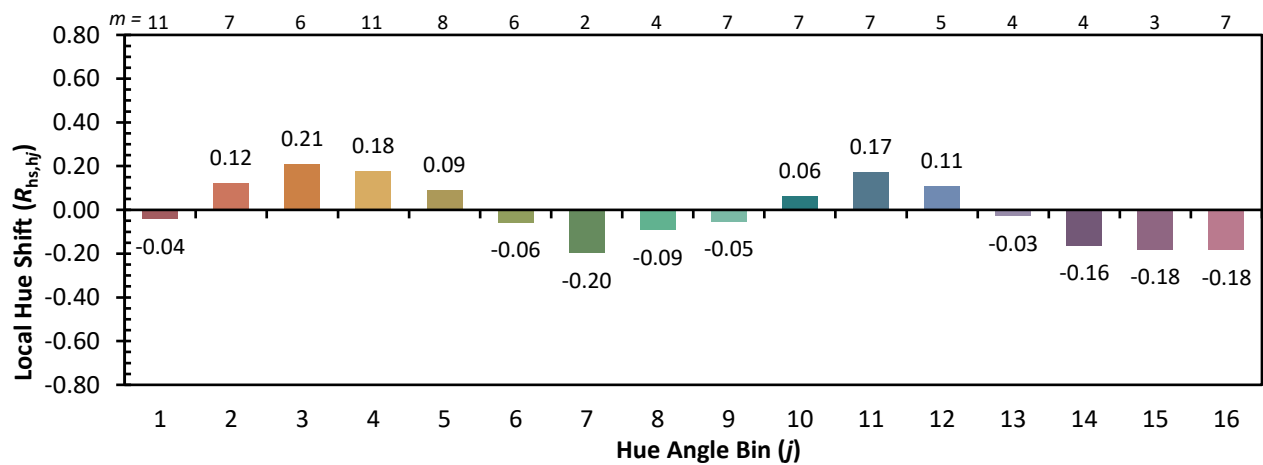
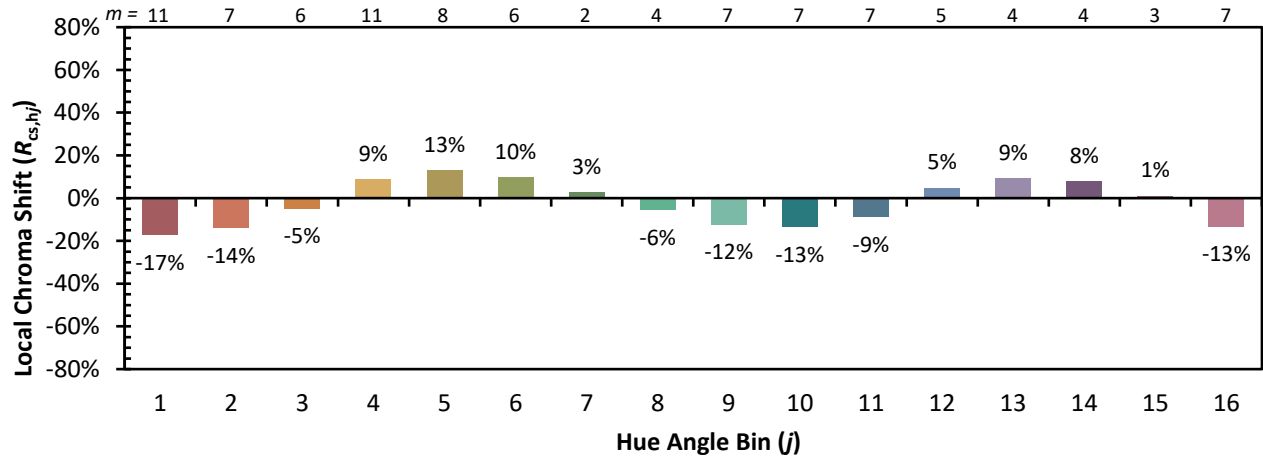


Individual Sample Fidelity Index ($R_{f,i}$)

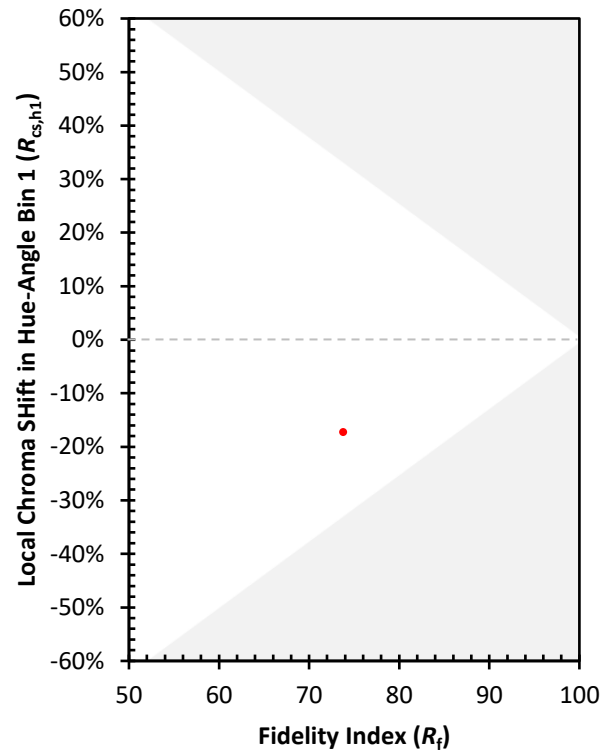
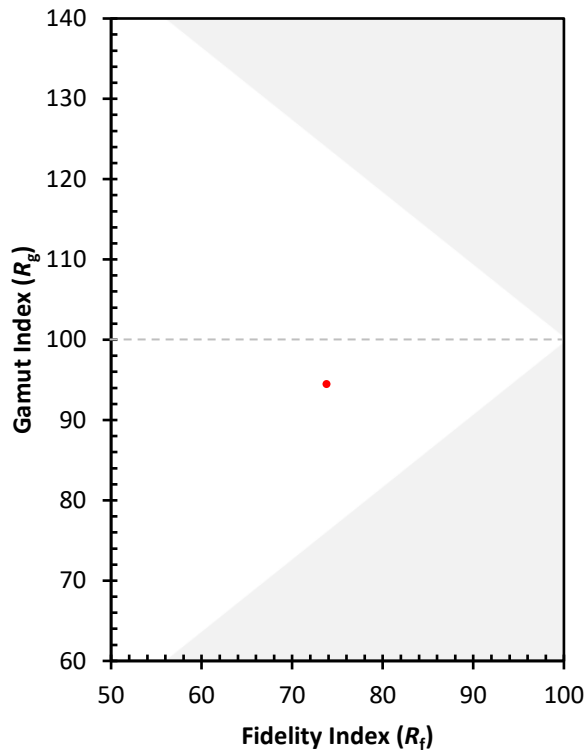
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)