

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: P1048962

Luminaire Tested: **GALN-SA2B-730-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048962
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA2B-730-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 2xLight Square PACKAGE
70CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (28) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8112.2 lumens
Efficiency: N/A
Efficacy: 111.4 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

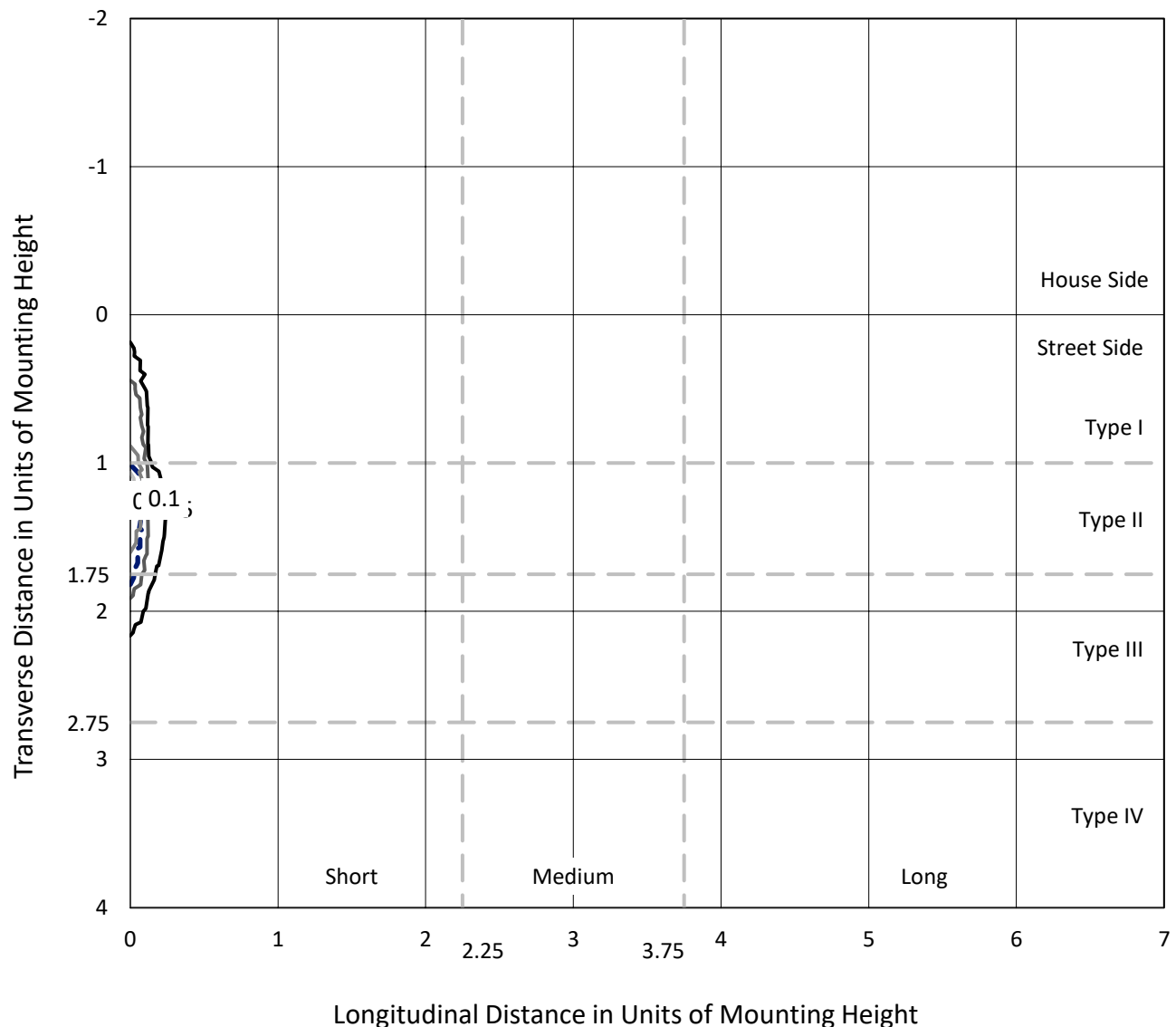
Input Watts (W): 72.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

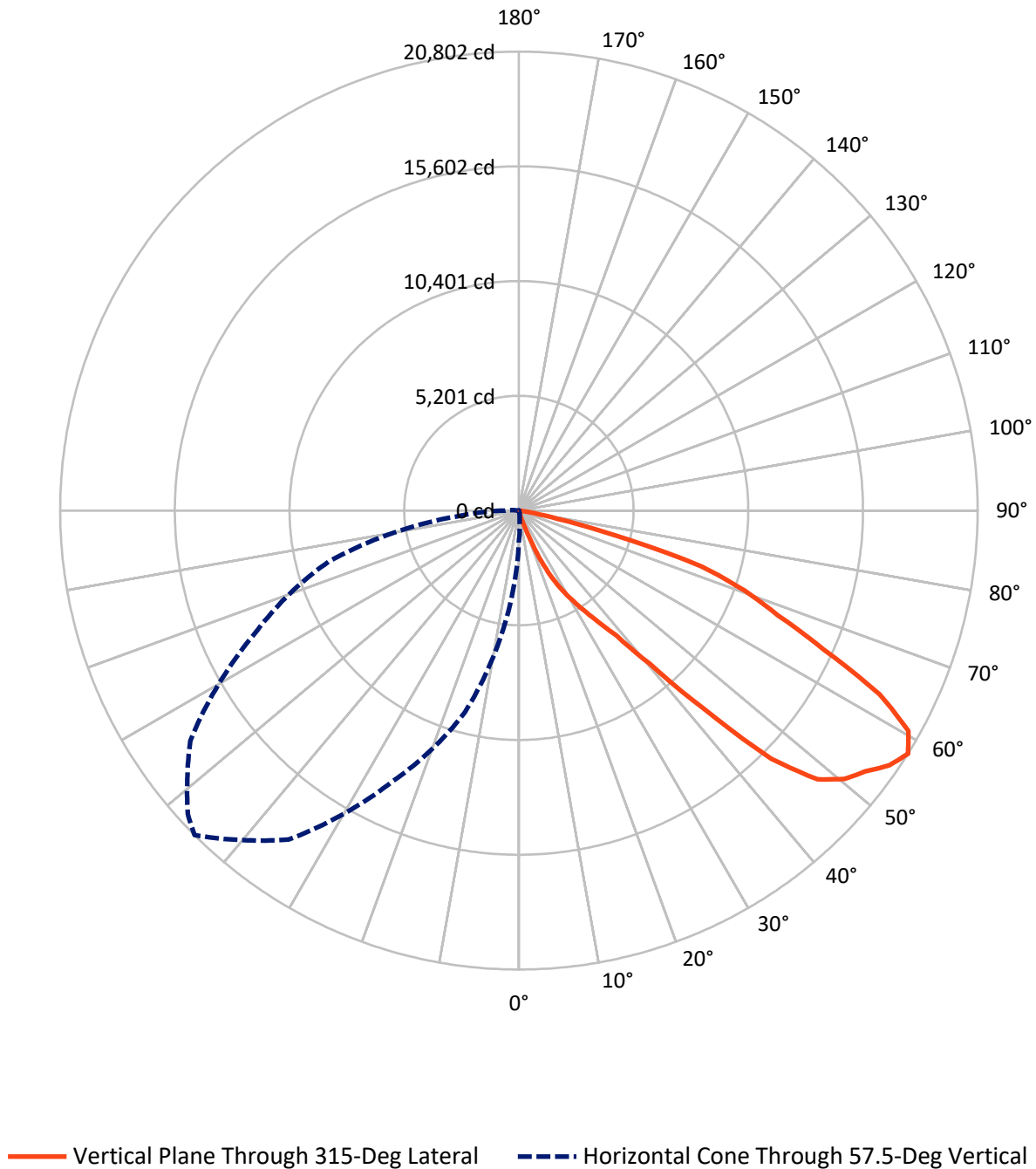
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 1.2 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	40.6	0.0	40.6
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	8071.6	0.0	8071.6
	% Fixture	99.5	0.0	99.5
Total	Lumens	8112.2	0.0	8112.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.2	0.0
10°-20°	17.8	0.2
20°-30°	192.2	2.4
30°-40°	568.5	7.0
40°-50°	1694.3	20.9
50°-60°	2686.6	33.1
60°-70°	2242.6	27.6
70°-80°	691.5	8.5
80°-90°	15.4	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°	8112.2	100.0
0°-180°	8112.2	100.0



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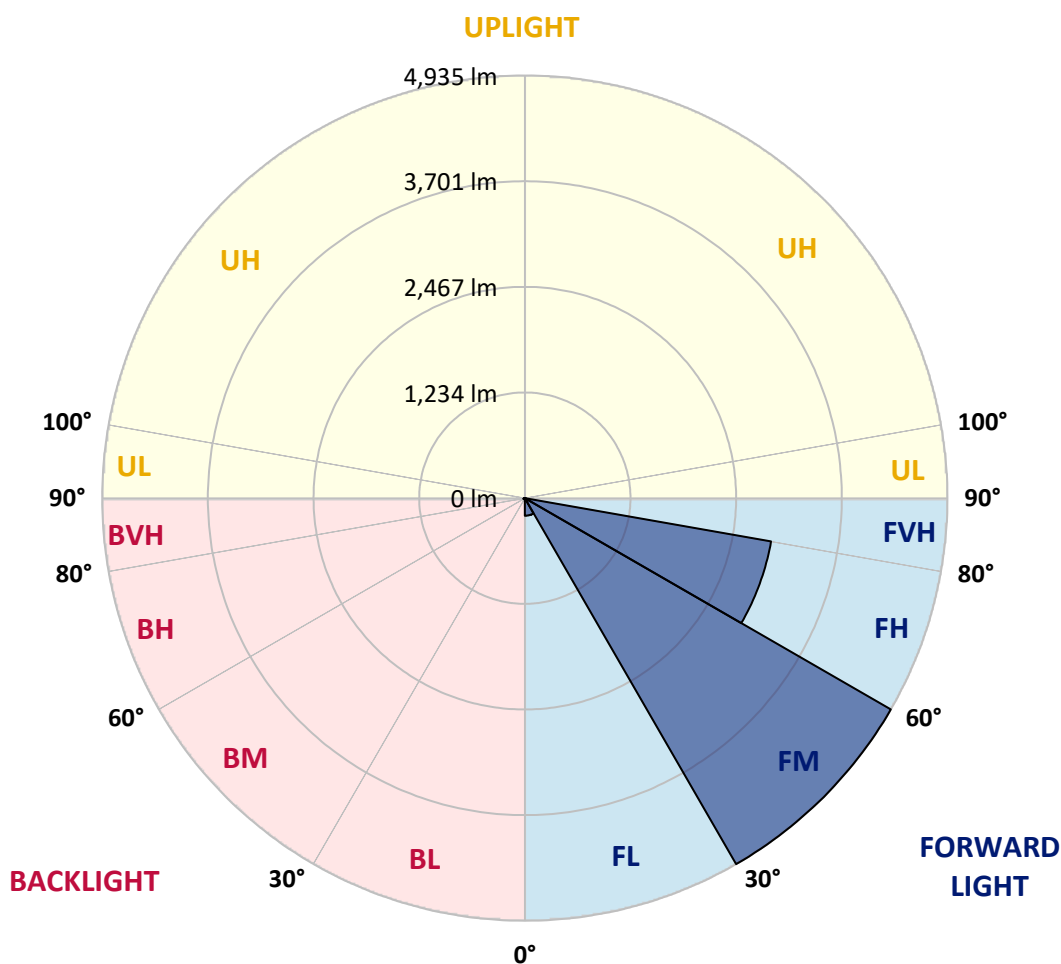
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	205.8	2.5			
FM	(30°-60°)	4934.9	60.8			
FH	(60°-80°)	2919.0	36.0			G2/5000
FVH	(80°-90°)	11.9	0.1			G1/100
BL	(0°-30°)	7.5	0.1	B0/110		
BM	(30°-60°)	14.5	0.2	B0/220		
BH	(60°-80°)	15.2	0.2	B0/110		G0/110
BVH	(80°-90°)	3.5	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-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
2.5°	32.5	32.5	32.5	32.5	31.9	31.9	31.3	31.3	30.7	30.7
5°	34.3	34.3	33.7	33.1	33.1	32.5	31.9	31.3	31.3	30.7
7.5°	37.4	36.8	36.2	35.6	34.3	33.7	32.5	31.9	31.3	30.0
10°	41.1	39.8	38.6	37.4	36.2	34.9	33.7	33.1	31.9	31.3
12.5°	46.0	44.1	41.7	39.8	38.6	36.8	35.6	34.3	32.5	31.3
15°	50.3	47.8	44.8	42.3	40.5	38.0	36.2	34.3	33.1	31.3
17.5°	56.4	52.1	47.2	44.1	41.7	38.6	35.6	33.7	31.9	29.4
20°	66.8	58.2	49.0	45.4	41.7	38.0	34.3	31.9	30.0	27.6
22.5°	83.4	68.7	53.9	48.4	43.5	38.0	33.1	30.7	28.2	25.7
25°	115.3	88.9	62.5	55.2	47.8	40.5	33.1	30.0	27.6	24.5
27.5°	153.3	114.0	74.2	63.8	53.9	43.5	33.1	29.4	26.4	22.7
30°	191.9	139.8	87.1	73.6	60.1	46.6	33.1	28.8	25.1	20.8
32.5°	228.7	163.7	98.1	82.1	66.2	49.7	33.7	28.8	23.9	19.0
35°	266.1	183.3	99.9	83.4	66.8	49.7	33.1	27.6	22.7	17.2
37.5°	313.9	205.4	96.2	79.7	63.8	47.2	31.3	26.4	21.5	15.9
40°	386.2	242.1	98.1	80.9	63.8	46.6	29.4	24.5	20.2	15.3
42.5°	519.9	313.3	106.1	86.4	66.8	46.6	27.0	22.7	19.0	14.7
45°	898.7	520.5	142.2	112.8	83.4	53.9	24.5	20.8	17.8	14.1
47.5°	1486.6	871.1	255.6	197.4	139.8	81.5	23.9	20.8	17.8	14.1
50°	1897.3	1109.6	321.8	247.7	173.5	99.3	25.1	21.5	18.4	14.7
52.5°	1894.3	1126.8	358.6	275.3	192.5	109.1	26.4	22.7	19.6	15.9
55°	1684.0	1025.0	365.4	280.8	196.8	112.2	28.2	24.5	20.8	17.2
57.5°	1407.5	870.5	333.5	258.1	183.3	107.9	32.5	28.2	24.5	20.2
60°	1113.3	686.6	259.9	205.4	151.4	96.9	42.9	37.4	32.5	27.0
62.5°	768.7	497.8	226.8	182.1	137.9	93.2	49.0	43.5	38.6	33.1
65°	543.8	374.6	204.8	166.7	129.4	91.3	53.3	47.2	41.7	35.6
67.5°	406.4	297.9	188.8	156.3	123.8	91.3	58.9	51.5	44.8	37.4
70°	311.4	244.6	177.2	150.8	125.1	98.7	72.3	61.9	52.1	41.7
72.5°	253.8	209.0	163.7	144.7	125.7	106.7	87.7	74.2	60.7	46.6
75°	210.3	179.0	147.7	131.8	116.5	100.5	84.6	72.3	60.7	48.4
77.5°	139.8	127.5	114.6	105.4	96.2	86.4	77.2	66.8	57.0	46.6
80°	49.0	47.2	45.4	49.0	52.7	56.4	60.1	52.7	46.0	38.6
82.5°	7.4	6.7	6.1	6.7	7.4	8.0	8.6	9.2	9.8	10.4
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
0.0	2.5°	30.0	30.0	29.4	29.4	29.4	28.8	28.8	28.2	28.2	28.2
0.0	5°	29.4	29.4	28.8	28.2	27.6	27.6	27.0	26.4	26.4	25.7
0.0	7.5°	28.8	28.2	27.6	27.0	26.4	25.7	25.1	24.5	24.5	23.9
0.0	10°	29.4	28.2	27.6	26.4	25.7	25.1	23.9	23.3	22.7	22.7
0.0	12.5°	28.2	27.6	26.4	25.1	24.5	23.3	22.7	21.5	20.8	20.8
0.0	15°	28.2	27.0	25.1	23.9	22.7	22.1	20.8	19.6	19.0	18.4
0.0	17.5°	26.4	25.1	23.3	22.1	20.8	19.6	18.4	17.2	16.6	15.9
0.0	20°	23.9	22.7	20.8	19.0	17.8	16.6	15.3	14.1	13.5	12.9
0.0	22.5°	21.5	20.2	18.4	16.6	15.3	14.1	12.3	11.0	10.4	9.2
0.0	25°	20.2	18.4	16.6	14.7	12.9	11.6	9.8	8.0	6.7	5.5
0.0	27.5°	17.2	15.3	13.5	11.6	9.8	8.0	6.1	4.3	3.1	2.5
0.0	30°	14.7	12.9	11.0	9.2	6.7	4.9	3.1	0.6	0.6	0.6
0.0	32.5°	12.3	10.4	8.0	6.1	4.9	3.1	1.8	0.0	0.0	0.0
0.0	35°	9.8	8.0	5.5	3.7	3.1	1.8	1.2	0.0	0.0	0.0
0.0	37.5°	8.6	6.7	4.3	1.8	1.2	1.2	0.6	0.0	0.0	0.0
0.0	40°	8.0	5.5	3.1	0.6	0.6	0.6	0.0	0.0	0.0	0.0
0.0	42.5°	8.0	5.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	8.0	5.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	8.0	5.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	8.6	6.1	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	9.8	7.4	4.9	2.5	1.8	1.2	0.6	0.0	0.0	0.0
0.0	55°	12.3	11.0	9.2	8.0	6.1	4.3	1.8	0.0	0.0	0.0
0.0	57.5°	15.9	15.9	15.3	14.7	11.0	7.4	3.7	0.0	0.0	0.0
0.0	60°	21.5	21.5	21.5	21.5	15.9	11.0	5.5	0.0	0.0	0.0
0.0	62.5°	26.4	25.1	23.3	22.1	16.6	11.0	5.5	0.0	0.0	0.0
0.0	65°	26.4	23.9	20.8	17.8	13.5	9.2	4.3	0.0	0.0	0.0
0.0	67.5°	24.5	19.6	14.1	9.2	6.7	4.9	2.5	0.0	0.0	0.0
	70°	24.5	17.2	9.8	2.5	1.8	1.2	0.6	0.0	0.0	0.0
	72.5°	24.5	16.6	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	27.0	18.4	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	27.0	18.4	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	23.9	15.9	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	8.0	5.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
0.0	2.5°	27.6	27.6	27.6	27.0	27.0	27.0	27.0	26.4	26.4	26.4
0.0	5°	25.1	25.1	24.5	24.5	23.9	23.9	23.3	23.3	22.7	22.7
0.0	7.5°	23.3	22.7	22.7	22.1	21.5	21.5	20.8	20.8	20.2	19.6
0.0	10°	21.5	20.8	20.8	20.2	19.6	19.0	19.0	18.4	17.8	17.2
0.0	12.5°	19.6	19.0	18.4	17.8	17.2	16.6	16.6	15.9	15.3	14.7
0.0	15°	17.2	16.6	15.9	15.3	14.7	14.1	14.1	13.5	12.9	12.3
0.0	17.5°	14.7	14.1	14.1	13.5	12.9	12.3	11.6	10.4	9.8	9.2
0.0	20°	11.0	10.4	9.8	9.2	8.6	7.4	6.7	5.5	4.3	3.7
0.0	22.5°	7.4	6.1	5.5	4.3	3.1	2.5	1.8	0.6	0.0	0.0
0.0	25°	2.5	1.8	1.2	0.6	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-SA2B-730-U-RBC

[illegible]

REPORT NUMBER: P1048962

CATALOG NUMBER: GALN-SA2B-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°	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
0.0	2.5°	25.7	25.7	25.7	25.1	25.1	25.1	25.1	25.1	25.1	25.1
0.0	5°	22.1	22.1	22.1	21.5	21.5	20.8	20.8	20.8	20.2	20.2
0.0	7.5°	19.0	18.4	18.4	17.8	17.8	17.2	17.2	17.2	16.6	16.6
0.0	10°	15.9	15.3	15.3	14.7	14.7	14.1	14.1	13.5	13.5	12.9
0.0	12.5°	14.1	13.5	12.9	12.3	12.3	11.6	11.0	11.0	10.4	9.8
0.0	15°	11.0	10.4	9.8	9.2	8.6	8.0	7.4	7.4	6.7	6.1
0.0	17.5°	7.4	6.1	5.5	4.9	4.9	4.3	3.7	3.1	2.5	1.8
0.0	20°	1.8	1.2	0.6	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



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CATALOG NUMBER: GALN-SA2B-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048962

CATALOG NUMBER: GALN-SA2B-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°	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
0.0	2.5°	25.1	24.5	24.5	24.5	25.1	25.1	25.1	25.1	25.1	25.1
0.0	5°	20.2	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
0.0	7.5°	16.6	15.9	15.9	15.9	15.9	15.3	15.3	15.3	15.3	15.3
0.0	10°	12.9	12.3	12.3	12.3	12.3	11.6	11.6	11.6	11.6	11.6
0.0	12.5°	9.2	9.2	8.6	8.6	8.6	8.0	8.0	8.0	8.0	7.4
0.0	15°	5.5	4.9	4.3	4.3	4.3	3.7	3.7	3.7	3.7	3.1
0.0	17.5°	1.2	1.2	0.6	0.6	0.6	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



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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048962

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CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
0.0	2.5°	25.7	25.7	26.4	26.4	27.0	28.2	28.8	29.4	30.7	31.9
0.0	5°	20.2	20.8	20.8	21.5	22.1	22.7	23.3	23.9	25.1	26.4
0.0	7.5°	15.9	15.9	16.6	16.6	17.2	18.4	19.0	19.6	20.8	22.7
0.0	10°	12.3	12.3	12.9	12.9	13.5	14.7	15.3	15.9	17.2	19.0
0.0	12.5°	8.0	8.6	8.6	9.2	9.8	11.0	11.6	12.3	13.5	14.7
0.0	15°	3.7	4.3	4.3	4.9	5.5	6.7	7.4	8.0	9.2	11.0
0.0	17.5°	0.6	0.6	1.2	1.2	1.8	2.5	3.1	3.7	5.5	6.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.5
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
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: P1048962

CATALOG NUMBER: GALN-SA2B-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°	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
0.0	2.5°	33.7	34.9	36.2	37.4	38.6	39.8	40.5	41.7	42.3	42.9
0.0	5°	28.8	30.0	31.9	33.1	34.3	35.6	36.8	37.4	38.0	38.6
0.0	7.5°	25.1	26.4	28.2	29.4	30.7	31.9	33.1	34.3	34.9	35.6
0.0	10°	21.5	23.3	24.5	26.4	27.6	28.8	30.0	31.3	32.5	33.1
0.0	12.5°	17.2	19.0	20.8	22.1	23.9	25.7	27.0	28.2	29.4	30.7
0.0	15°	13.5	15.3	17.2	18.4	20.2	22.1	23.9	25.1	26.4	27.6
0.0	17.5°	9.8	11.6	13.5	14.7	16.6	18.4	19.6	21.5	22.7	23.9
0.0	20°	4.9	6.7	8.6	10.4	12.3	14.1	15.3	17.2	18.4	19.6
0.0	22.5°	0.6	2.5	4.3	5.5	7.4	9.2	10.4	12.3	13.5	14.7
0.0	25°	0.0	0.6	1.8	2.5	3.1	4.3	5.5	6.7	8.0	9.2
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.6	1.2	2.5	3.7	4.9
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
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	0.6
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	1.2
	85°	0.0	0.0	0.0	0.0	0.0	1.2	1.8	3.1	3.7	4.3
	87.5°	0.0	0.6	1.2	1.8	2.5	3.7	4.9	6.1	6.7	7.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA2B-730-U-RBC

[illegible]



REPORT NUMBER: P1048962

CATALOG NUMBER: GALN-SA2B-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°	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
0.0	2.5°	43.5	43.5	43.5	43.5	42.9	42.9	42.9	42.3	42.3	41.7
0.0	5°	39.8	40.5	40.5	40.5	40.5	40.5	40.5	40.5	39.8	39.8
0.0	7.5°	36.8	37.4	38.0	38.0	38.6	38.6	38.6	38.0	38.0	37.4
0.0	10°	34.9	35.6	35.6	36.2	36.2	36.2	36.2	36.2	36.2	36.2
0.0	12.5°	32.5	33.1	33.7	33.7	34.3	34.3	34.3	34.3	33.7	33.7
0.0	15°	29.4	30.7	31.3	31.9	31.9	32.5	32.5	32.5	32.5	32.5
0.0	17.5°	27.0	28.2	28.8	29.4	29.4	30.0	30.0	30.7	30.7	30.7
0.0	20°	22.1	23.3	23.9	25.1	25.7	26.4	27.0	27.6	27.6	28.2
0.0	22.5°	17.2	18.4	19.0	20.2	20.8	21.5	22.1	22.7	23.3	23.9
0.0	25°	12.3	13.5	14.1	15.3	15.9	16.6	17.2	17.8	17.8	18.4
0.0	27.5°	6.7	8.0	9.2	9.8	11.0	11.6	12.3	12.9	13.5	14.1
0.0	30°	3.1	3.7	4.3	5.5	6.1	6.7	7.4	8.6	9.2	9.8
0.0	32.5°	0.0	0.0	0.6	1.8	2.5	3.1	3.7	4.3	4.3	4.9
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.2	1.8	2.5
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	1.2	1.2	1.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	82.5°	3.1	3.7	4.3	4.3	4.9	4.9	4.9	4.9	4.3	4.3
	85°	6.1	6.7	7.4	7.4	8.0	8.0	8.0	8.0	8.0	8.0
	87.5°	8.6	9.2	9.8	9.8	10.4	10.4	10.4	10.4	10.4	10.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1048962

CATALOG NUMBER: GALN-SA2B-730-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
35.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.6	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.4	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.6	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											
1.8											
4.3											
8.0											
10.4											
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REPORT NUMBER: P1048962

CATALOG NUMBER: GALN-SA2B-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°	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
0.0	2.5°	41.1	41.1	40.5	40.5	40.5	40.5	40.5	41.1	41.7	41.7
0.0	5°	39.2	39.2	38.6	38.6	38.6	39.2	39.2	39.8	40.5	41.1
0.0	7.5°	37.4	36.8	36.8	37.4	37.4	38.0	38.0	38.6	39.2	39.8
0.0	10°	36.2	35.6	35.6	35.6	36.2	36.2	36.8	37.4	38.0	38.6
0.0	12.5°	33.7	33.7	33.7	33.7	34.3	34.3	34.9	35.6	36.8	37.4
0.0	15°	32.5	31.9	31.9	31.9	31.9	32.5	32.5	33.7	34.9	35.6
0.0	17.5°	30.0	30.0	29.4	29.4	30.0	30.0	30.7	31.9	33.1	33.7
0.0	20°	27.6	27.0	26.4	26.4	27.0	27.0	27.6	28.8	30.0	30.7
0.0	22.5°	23.9	23.3	23.3	23.3	23.3	23.9	23.9	25.1	27.0	28.2
0.0	25°	19.0	19.6	19.6	20.2	20.2	20.8	21.5	22.7	24.5	25.7
0.0	27.5°	14.7	15.3	15.3	16.6	17.2	17.8	18.4	20.2	22.1	23.3
0.0	30°	11.0	11.6	12.3	12.9	14.1	15.3	16.6	18.4	20.2	21.5
0.0	32.5°	6.7	8.0	8.6	9.8	11.0	12.3	13.5	15.3	17.8	19.6
0.0	35°	4.9	5.5	6.7	7.4	8.6	9.8	11.0	13.5	15.3	17.8
0.0	37.5°	2.5	3.7	4.9	6.1	7.4	8.6	9.8	12.3	14.7	16.6
0.0	40°	1.8	3.1	3.7	4.9	6.7	8.0	9.2	11.6	14.1	16.6
0.0	42.5°	1.2	1.8	2.5	4.3	5.5	7.4	9.2	11.6	14.1	16.6
0.0	45°	1.2	1.2	1.8	3.7	5.5	8.0	9.8	12.3	14.1	16.6
0.0	47.5°	1.2	1.8	2.5	4.9	6.1	8.0	9.8	11.6	14.1	15.9
0.0	50°	1.8	2.5	3.1	5.5	6.7	8.6	9.8	12.3	14.1	16.6
0.0	52.5°	1.2	1.8	2.5	4.9	6.7	9.2	11.0	13.5	15.9	17.8
0.0	55°	0.6	0.6	0.6	3.7	7.4	10.4	14.1	15.9	18.4	20.2
0.0	57.5°	0.0	0.0	0.0	2.5	7.4	11.6	15.9	18.4	20.8	22.7
0.0	60°	0.0	0.0	0.0	2.5	7.4	11.6	15.9	19.0	22.1	25.1
0.0	62.5°	0.0	0.0	0.0	2.5	6.1	9.8	13.5	18.4	23.9	28.8
0.0	65°	0.0	0.0	0.0	1.8	4.9	8.0	11.0	18.4	25.7	32.5
0.0	67.5°	0.0	0.0	0.0	1.8	4.9	7.4	10.4	18.4	25.7	33.7
	70°	0.0	0.0	0.0	1.8	4.9	8.0	11.0	18.4	25.7	33.1
	72.5°	0.0	0.0	0.0	1.8	5.5	8.6	12.3	18.4	24.5	30.7
	75°	0.0	0.0	0.0	2.5	5.5	9.2	12.9	18.4	23.9	28.8
	77.5°	0.0	0.0	0.0	1.8	5.5	8.6	12.3	17.8	23.3	28.2
	80°	1.8	1.2	1.2	3.1	5.5	8.0	10.4	15.9	22.1	27.6
	82.5°	3.7	3.7	3.1	4.3	5.5	7.4	9.2	14.1	19.6	24.5
	85°	7.4	7.4	6.7	7.4	7.4	8.0	8.6	11.0	13.5	15.9
	87.5°	9.8	9.8	9.2	9.2	9.2	8.6	8.6	8.6	8.6	8.0
	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: P1048962

CATALOG NUMBER: GALN-SA2B-730-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
35.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.5	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.9	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.2	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.7	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.5											
36.8											
34.3											
33.7											
33.1											
29.4											
18.4											
8.0											
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REPORT NUMBER: P1048962

CATALOG NUMBER: GALN-SA2B-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°	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
0.0	2.5°	42.9	43.5	43.5	44.1	44.8	45.4	45.4	46.0	46.0	46.0
0.0	5°	42.3	43.5	44.1	44.8	45.4	46.0	46.6	47.2	47.8	47.8
0.0	7.5°	41.7	42.3	43.5	44.1	45.4	46.0	47.2	47.8	48.4	49.0
0.0	10°	40.5	41.7	42.9	44.1	45.4	46.6	47.8	49.0	50.3	50.9
0.0	12.5°	39.2	41.1	42.3	43.5	45.4	47.2	48.4	50.3	51.5	52.7
0.0	15°	38.6	39.8	41.7	42.9	45.4	47.8	49.7	52.1	54.6	56.4
0.0	17.5°	36.8	39.2	41.1	42.9	45.4	48.4	50.9	53.3	57.0	60.7
0.0	20°	34.3	36.2	38.6	40.5	44.1	47.2	50.9	53.9	59.5	65.0
0.0	22.5°	31.9	34.3	36.2	38.6	42.9	46.6	50.9	54.6	63.8	72.3
0.0	25°	29.4	32.5	34.9	37.4	42.3	47.2	52.1	57.0	72.3	87.7
0.0	27.5°	28.2	30.7	33.7	36.2	42.3	49.0	55.2	61.3	85.8	109.7
0.0	30°	26.4	29.4	31.9	34.9	42.9	50.9	58.9	66.8	104.2	141.6
0.0	32.5°	24.5	27.6	30.7	33.7	44.1	54.6	64.4	74.8	123.8	172.3
0.0	35°	22.7	26.4	29.4	32.5	46.0	60.1	73.6	87.1	141.6	195.6
0.0	37.5°	22.1	25.7	28.8	31.9	46.6	60.7	75.4	89.5	143.5	197.4
0.0	40°	22.7	25.7	29.4	32.5	44.8	57.0	68.7	80.9	137.3	193.1
0.0	42.5°	22.7	26.4	30.0	33.7	43.5	53.3	63.1	73.0	135.5	198.0
0.0	45°	22.1	25.7	29.4	33.1	42.3	50.9	60.1	68.7	146.5	223.8
0.0	47.5°	21.5	25.1	28.8	32.5	41.7	50.9	60.1	69.3	189.4	309.0
0.0	50°	21.5	25.1	28.2	31.3	42.3	53.9	65.0	76.0	275.9	475.1
0.0	52.5°	22.7	25.7	28.2	30.7	43.5	57.0	69.9	82.8	350.7	617.9
0.0	55°	24.5	26.4	28.8	30.7	46.6	61.9	77.9	93.2	373.3	653.5
0.0	57.5°	27.0	28.8	30.7	32.5	52.1	71.7	90.7	110.3	375.2	639.4
0.0	60°	30.0	32.5	34.3	36.2	57.0	78.5	99.3	120.2	339.6	558.5
0.0	62.5°	36.8	39.8	42.3	45.4	65.6	85.2	105.4	125.1	282.0	438.9
0.0	65°	42.3	44.8	47.2	49.7	69.3	89.5	109.1	128.7	239.1	349.4
0.0	67.5°	43.5	46.0	47.8	50.3	70.5	90.7	110.3	130.6	204.8	278.3
	70°	44.1	47.2	50.9	53.9	74.8	95.6	115.9	136.7	181.5	226.2
	72.5°	42.3	48.4	53.9	59.5	79.1	98.1	117.7	136.7	168.6	200.5
	75°	42.3	50.9	58.9	66.8	81.5	95.6	110.3	124.4	149.0	173.5
	77.5°	44.8	55.8	66.8	77.9	86.4	94.4	103.0	111.0	126.9	142.8
	80°	44.8	56.4	67.4	79.1	82.8	87.1	90.7	94.4	96.2	98.1
	82.5°	38.6	47.8	57.0	66.2	61.9	57.6	53.3	49.0	46.0	42.3
	85°	19.6	21.5	22.7	23.9	22.1	20.2	18.4	16.6	15.3	13.5
	87.5°	8.0	8.0	7.4	7.4	7.4	7.4	6.7	6.7	6.7	6.7
	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: P1048962

CATALOG NUMBER: GALN-SA2B-730-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
35.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.8	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
181.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
245.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
307.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
348.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.1	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
411.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
472.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
595.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
907.3	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1389.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1749.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1789.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1614.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1380.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1078.9	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
815.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
602.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
426.1											
316.9											
230.5											
173.5											
97.5											
44.1											
12.9											
6.1											
0.0											
0.0											
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REPORT NUMBER: P1048962

CATALOG NUMBER: GALN-SA2B-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°	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
0.0	2.5°	46.0	45.4	45.4	44.8	44.1	43.5	42.9	42.3	41.7	41.1
0.0	5°	47.8	47.8	47.8	47.2	47.2	46.6	46.6	46.0	45.4	44.8
0.0	7.5°	49.7	50.3	50.3	50.9	50.9	50.9	50.9	50.3	50.3	50.3
0.0	10°	52.7	53.3	53.9	54.6	55.2	55.8	55.8	56.4	56.4	56.4
0.0	12.5°	56.4	58.2	59.5	61.3	62.5	64.4	65.6	67.4	68.7	69.9
0.0	15°	61.9	65.0	68.7	71.7	74.8	79.1	84.0	88.3	92.6	99.3
0.0	17.5°	69.9	79.7	89.5	98.7	108.5	130.0	151.4	172.3	193.7	225.0
0.0	20°	85.2	114.6	143.5	172.9	201.7	277.1	351.9	427.3	502.1	582.4
0.0	22.5°	119.5	191.9	264.2	336.6	408.9	566.4	723.4	880.9	1037.9	1222.4
0.0	25°	173.5	306.5	439.5	572.0	705.0	951.4	1198.5	1444.9	1691.4	1931.1
0.0	27.5°	252.6	456.1	659.6	862.5	1066.1	1400.2	1734.9	2069.0	2403.1	2674.1
0.0	30°	350.0	625.9	901.8	1177.6	1453.5	1833.6	2213.7	2593.1	2973.2	3269.3
0.0	32.5°	442.0	779.8	1117.6	1454.7	1792.5	2225.3	2658.7	3091.5	3524.3	3848.0
0.0	35°	502.1	910.4	1319.3	1727.5	2135.8	2604.2	3072.5	3540.3	4008.6	4378.3
0.0	37.5°	562.2	1033.6	1504.4	1975.8	2446.6	2961.0	3475.3	3989.6	4504.0	4960.7
0.0	40°	629.6	1182.5	1734.9	2287.8	2840.2	3449.5	4058.3	4667.6	5276.4	5920.7
0.0	42.5°	746.7	1429.6	2113.1	2796.1	3479.0	4285.1	5091.3	5896.8	6702.9	7622.5
0.0	45°	966.8	1929.2	2892.3	3854.8	4817.2	5885.1	6953.7	8021.6	9089.5	10313.1
0.0	47.5°	1505.6	2829.8	4153.3	5477.5	6801.0	7954.1	9106.6	10259.7	11412.3	12631.0
0.0	50°	2303.8	3845.0	5386.1	6926.7	8467.8	9511.2	10554.0	11597.4	12640.2	13799.4
0.0	52.5°	2881.3	4486.8	6093.0	7698.5	9304.0	10245.6	11187.9	12129.5	13071.1	14154.4
0.0	55°	2924.8	4521.1	6118.1	7714.4	9310.8	10256.7	11202.6	12148.5	13094.4	14242.6
0.0	57.5°	2589.5	4172.9	5755.8	7339.3	8922.1	9999.2	11075.7	12152.8	13229.3	14470.7
0.0	60°	2202.6	3786.7	5370.2	6954.3	8537.7	9778.5	11019.9	12260.7	13501.5	14664.4
0.0	62.5°	1718.3	3347.8	4977.8	6607.3	8236.7	9496.5	10756.3	12015.5	13275.3	14147.6
0.0	65°	1280.6	2862.9	4445.1	6026.7	7609.0	8618.0	9627.1	10635.5	11644.6	12184.7
0.0	67.5°	925.7	2290.3	3654.3	5018.9	6382.9	7105.1	7827.2	8548.8	9270.9	9684.1
	70°	625.9	1571.2	2515.9	3461.2	4405.9	4999.3	5593.3	6186.7	6780.2	7338.0
	72.5°	433.4	964.3	1495.8	2026.7	2557.6	3154.7	3751.2	4348.3	4944.7	5535.1
	75°	287.5	529.0	771.2	1012.7	1254.3	1696.3	2138.9	2580.9	3022.9	3374.8
	77.5°	204.1	276.5	349.4	421.8	494.1	576.9	660.2	743.0	825.8	951.4
	80°	96.9	106.1	115.3	123.8	133.0	163.1	193.1	223.1	253.2	285.1
	82.5°	46.0	49.7	53.3	56.4	60.1	63.1	66.2	69.3	72.3	69.3
	85°	12.3	12.3	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.3
	87.5°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	4.9	4.9	4.3
	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: P1048962

CATALOG NUMBER: GALN-SA2B-730-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
35.6	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.0	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
255.6	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
663.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1406.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2170.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2945.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3566.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4172.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4748.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5418.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6565.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8542.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11536.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13849.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14958.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15237.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15391.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15712.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15826.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15020.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12725.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10097.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7895.3											
6125.4											
3726.6											
1077.1											
316.9											
65.6											
11.6											
4.3											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
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0.0											

REPORT NUMBER: P1048962

CATALOG NUMBER: GALN-SA2B-730-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
0.0	2.5°	39.8	39.2	38.6	38.0	37.4	36.2	36.2	35.6	35.6
0.0	5°	43.5	42.9	42.3	41.7	41.7	41.1	40.5	40.5	39.8
0.0	7.5°	49.7	49.0	48.4	47.8	47.8	47.2	47.2	46.6	46.6
0.0	10°	57.0	57.0	57.0	57.0	57.0	56.4	56.4	56.4	55.8
0.0	12.5°	71.7	72.3	73.6	74.8	76.6	76.6	76.6	76.0	76.0
0.0	15°	113.4	120.2	125.1	130.0	134.3	144.1	142.8	141.0	139.8
0.0	17.5°	286.9	317.6	334.1	350.0	366.6	412.0	404.6	397.2	390.5
0.0	20°	743.6	823.9	877.3	930.6	984.5	1069.7	1048.9	1028.1	1007.2
0.0	22.5°	1590.8	1775.3	1855.7	1936.0	2015.7	2118.6	2051.8	1985.0	1918.8
0.0	25°	2409.8	2649.5	2785.0	2920.5	3055.4	3114.2	3027.2	2939.5	2852.5
0.0	27.5°	3216.0	3486.9	3606.5	3725.4	3845.0	3968.2	3860.3	3751.8	3643.9
0.0	30°	3862.1	4158.2	4287.6	4416.3	4545.7	4631.5	4519.9	4407.7	4296.1
0.0	32.5°	4496.0	4819.7	4961.3	5102.9	5243.9	5367.1	5229.8	5091.9	4954.5
0.0	35°	5117.0	5486.7	5681.6	5876.6	6071.5	6186.1	6023.1	5859.4	5696.3
0.0	37.5°	5874.7	6331.4	6549.7	6767.9	6986.1	7195.2	7015.6	6835.3	6655.7
0.0	40°	7209.3	7853.6	8188.3	8523.6	8858.4	9128.1	8901.3	8674.4	8447.6
0.0	42.5°	9461.6	10381.1	10862.4	11343.0	11824.2	12245.4	12006.9	11768.4	11530.0
0.0	45°	12760.3	13983.9	14570.6	15156.7	15743.3	16051.1	15707.8	15363.9	15020.6
0.0	47.5°	15067.8	16286.5	16808.8	17331.1	17853.4	18204.7	17784.7	17364.8	16945.5
0.0	50°	16117.3	17276.5	17800.7	18324.2	18848.4	19127.3	18642.4	18156.9	17672.0
0.0	52.5°	16320.2	17403.4	18028.7	18654.6	19279.9	19652.7	19080.1	18506.9	17934.3
0.0	55°	16539.7	17687.9	18413.1	19138.9	19864.2	20380.3	19733.0	19085.0	18437.6
0.0	57.5°	16952.9	18194.3	18917.6	19640.4	20363.8	20802.1	20152.9	19503.1	18853.9
0.0	60°	16989.6	18152.0	18773.6	19395.8	20017.4	20293.3	19672.3	19050.7	18429.7
0.0	62.5°	15892.9	16765.3	17196.8	17628.4	18060.0	18359.8	17711.8	17063.2	16415.2
0.0	65°	13265.5	13805.5	14149.5	14493.4	14837.3	15194.7	14601.3	14007.8	13414.4
0.0	67.5°	10511.1	10924.3	11377.3	11830.3	12283.4	12665.3	12190.2	11714.5	11239.4
	70°	8453.1	9010.4	9519.8	10029.2	10538.7	10851.3	10374.4	9896.8	9419.9
	72.5°	6715.8	7306.1	7731.6	8156.4	8581.9	8658.5	8307.8	7957.2	7607.1
	75°	4077.9	4429.8	4438.4	4446.3	4454.9	4527.9	4237.3	3946.7	3656.8
	77.5°	1202.8	1328.4	1432.0	1535.0	1638.6	1763.7	1657.0	1549.8	1443.1
	80°	348.2	380.1	407.1	433.4	460.4	444.5	419.3	394.2	369.0
	82.5°	62.5	58.9	58.2	57.6	57.6	54.6	49.7	44.8	39.8
	85°	11.0	10.4	9.8	9.2	8.6	8.0	6.7	6.1	4.9
	87.5°	3.7	3.1	2.5	1.8	1.8	0.6	0.6	0.6	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: P1048962

CATALOG NUMBER: GALN-SA2B-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°	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
0.0	0.0	2.5°	34.9	34.3	34.3	34.3	34.3	33.7	33.7	33.7	33.7
0.0	0.0	5°	38.6	38.6	38.0	38.0	37.4	37.4	36.8	36.8	36.2
0.0	0.0	7.5°	45.4	44.8	44.1	43.5	42.9	41.7	41.1	40.5	40.5
0.0	0.0	10°	54.6	53.3	52.7	51.5	50.9	49.7	48.4	47.2	46.0
0.0	0.0	12.5°	71.7	69.3	67.4	65.0	62.5	60.7	58.2	56.4	53.9
0.0	0.0	15°	124.4	118.3	111.6	103.6	95.0	87.1	78.5	73.6	68.0
0.0	0.0	17.5°	318.2	286.3	253.8	227.4	201.1	175.3	149.0	130.0	111.0
0.0	0.0	20°	809.8	721.5	633.3	546.2	458.5	371.5	283.8	239.7	195.6
0.0	0.0	22.5°	1524.0	1360.3	1196.0	1037.3	877.9	719.1	560.3	460.4	361.1
0.0	0.0	25°	2352.2	2146.2	1940.3	1679.1	1417.3	1156.2	895.0	732.6	570.1
0.0	0.0	27.5°	3060.9	2823.6	2586.4	2268.8	1951.3	1633.7	1316.2	1074.0	832.5
0.0	0.0	30°	3674.5	3419.5	3164.5	2794.8	2425.2	2055.5	1685.8	1383.0	1080.2
0.0	0.0	32.5°	4206.6	3901.4	3596.1	3214.8	2833.4	2452.1	2070.8	1699.3	1327.8
0.0	0.0	35°	4820.3	4464.1	4107.3	3684.3	3260.7	2837.7	2414.7	1995.4	1575.5
0.0	0.0	37.5°	5600.1	5163.0	4725.3	4253.8	3782.4	3311.6	2840.2	2360.8	1881.4
0.0	0.0	40°	7092.8	6528.8	5964.8	5365.9	4766.3	4167.4	3568.5	2980.0	2391.4
0.0	0.0	42.5°	9767.5	9005.5	8243.5	7446.5	6649.0	5852.0	5054.5	4224.4	3393.8
0.0	0.0	45°	12786.1	11840.8	10894.9	10000.4	9105.4	8211.0	7316.6	6177.6	5038.5
0.0	0.0	47.5°	14483.6	13462.9	12442.2	11595.6	10748.9	9902.3	9055.7	7827.8	6599.9
0.0	0.0	50°	15108.2	14069.1	13030.1	12250.9	11471.1	10691.9	9912.2	8682.4	7452.0
0.0	0.0	52.5°	15241.3	14181.3	13121.4	12337.3	11553.3	10769.8	9985.7	8763.9	7542.2
0.0	0.0	55°	15514.7	14377.5	13239.7	12345.9	11452.1	10558.3	9664.5	8423.1	7181.7
0.0	0.0	57.5°	15872.1	14706.1	13540.1	12521.8	11503.6	10486.0	9467.7	8110.4	6753.2
0.0	0.0	60°	15778.3	14763.7	13748.5	12657.9	11566.7	10476.1	9384.9	7892.2	6398.9
0.0	0.0	62.5°	14150.1	13342.1	12533.5	11636.6	10739.1	9842.3	8945.4	7408.5	5871.6
0.0	0.0	65°	11640.9	11051.2	10461.4	9739.9	9017.7	8296.2	7574.7	6196.6	4819.1
0.0	0.0	67.5°	9434.6	8770.1	8104.9	7529.9	6954.3	6379.2	5803.6	4719.1	3634.7
		70°	7495.6	6772.8	6049.4	5487.9	4925.7	4364.2	3802.7	3081.7	2361.4
		72.5°	5952.6	5300.9	4649.3	4050.3	3450.8	2851.8	2252.3	1826.2	1400.2
		75°	2845.1	2584.6	2324.0	2010.8	1697.5	1384.2	1071.0	885.2	700.1
		77.5°	1054.4	914.0	773.0	645.5	518.0	391.1	263.6	241.5	219.5
		80°	272.8	237.9	202.3	177.2	151.4	126.3	101.2	91.3	82.1
		82.5°	31.3	28.8	27.0	25.7	23.9	22.7	20.8	19.0	17.2
		85°	1.8	1.2	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: P1048962

CATALOG NUMBER: GALN-SA2B-730-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	35.6	35.6
0.0	0.0	2.5°	33.1	32.5
0.0	0.0	5°	34.9	34.3
0.0	0.0	7.5°	38.6	37.4
0.0	0.0	10°	42.3	41.1
0.0	0.0	12.5°	47.8	46.0
0.0	0.0	15°	53.9	50.3
0.0	0.0	17.5°	64.4	56.4
0.0	0.0	20°	87.1	66.8
0.0	0.0	22.5°	122.6	83.4
0.0	0.0	25°	180.2	115.3
0.0	0.0	27.5°	250.7	153.3
0.0	0.0	30°	333.5	191.9
0.0	0.0	32.5°	406.4	228.7
0.0	0.0	35°	501.5	266.1
0.0	0.0	37.5°	618.6	313.9
0.0	0.0	40°	800.0	386.2
0.0	0.0	42.5°	1126.8	519.9
0.0	0.0	45°	1829.9	898.7
0.0	0.0	47.5°	2815.7	1486.6
0.0	0.0	50°	3444.6	1897.3
0.0	0.0	52.5°	3496.1	1894.3
0.0	0.0	55°	3191.5	1684.0
0.0	0.0	57.5°	2723.1	1407.5
0.0	0.0	60°	2263.3	1113.3
0.0	0.0	62.5°	1783.3	768.7
0.0	0.0	65°	1303.3	543.8
0.0	0.0	67.5°	936.1	406.4
		70°	615.5	311.4
		72.5°	400.9	253.8
		75°	269.7	210.3
		77.5°	157.5	139.8
		80°	55.8	49.0
		82.5°	10.4	7.4
		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: P1048962

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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

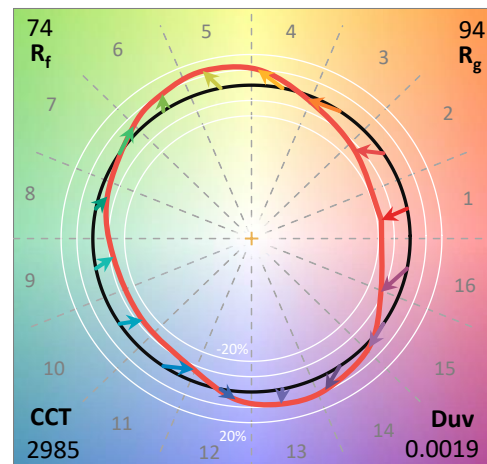
Test Information

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

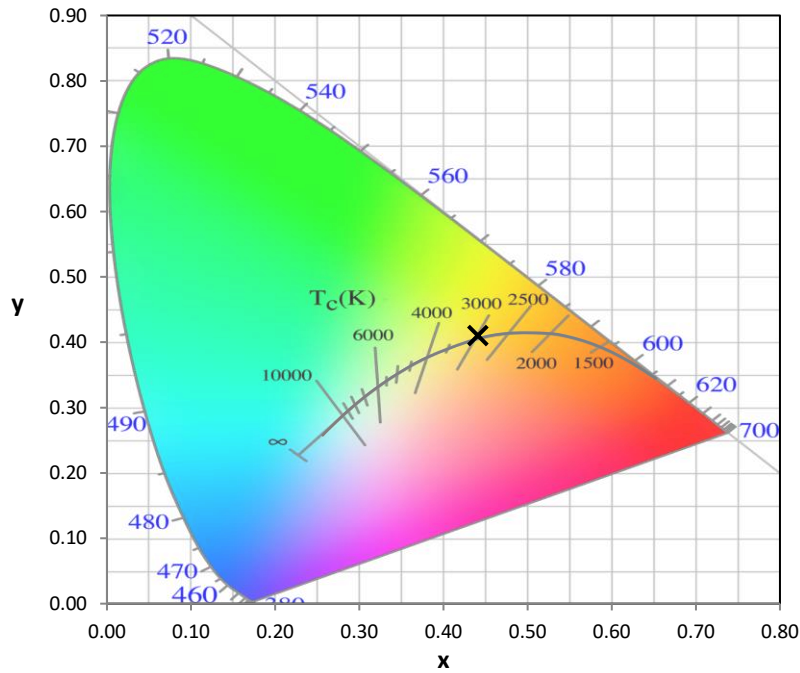
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

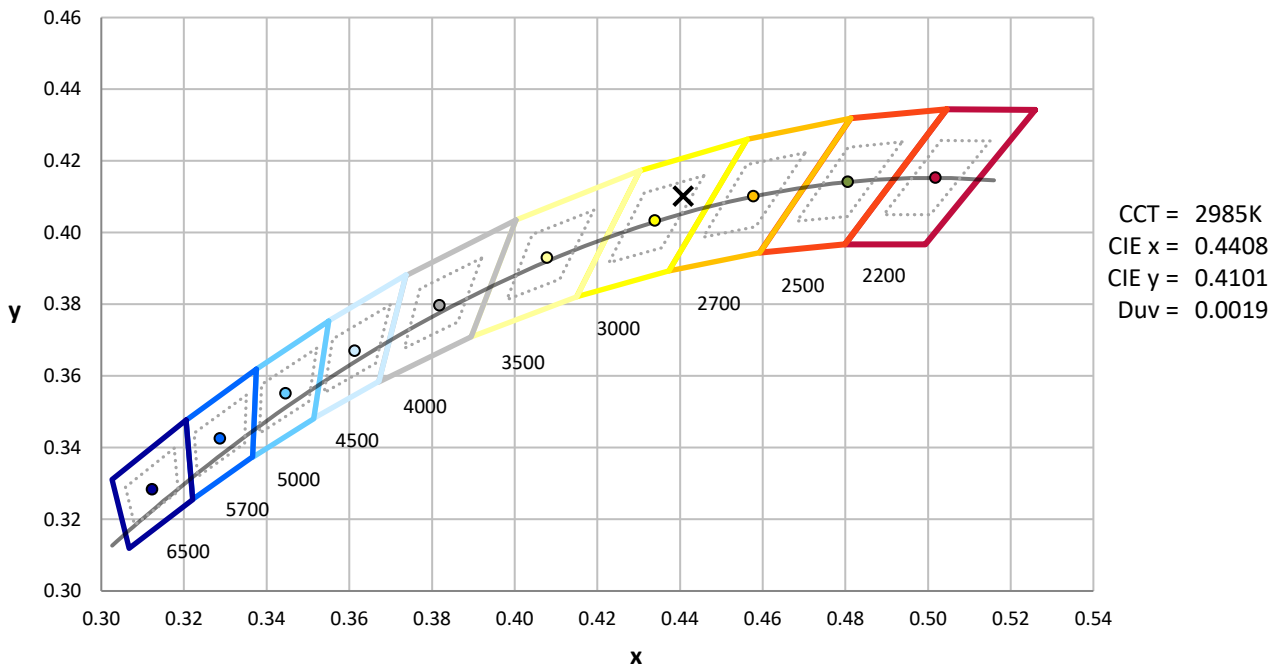
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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



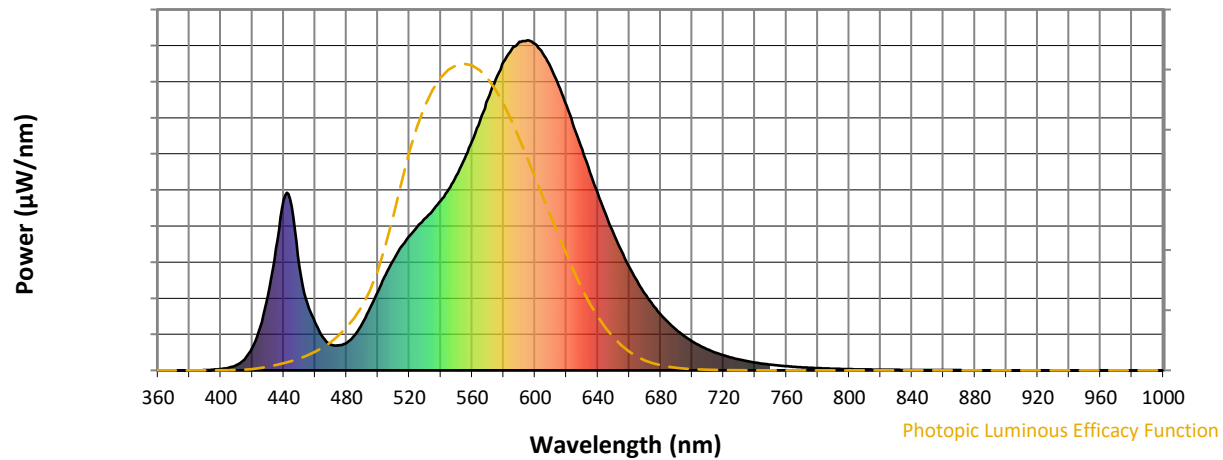
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

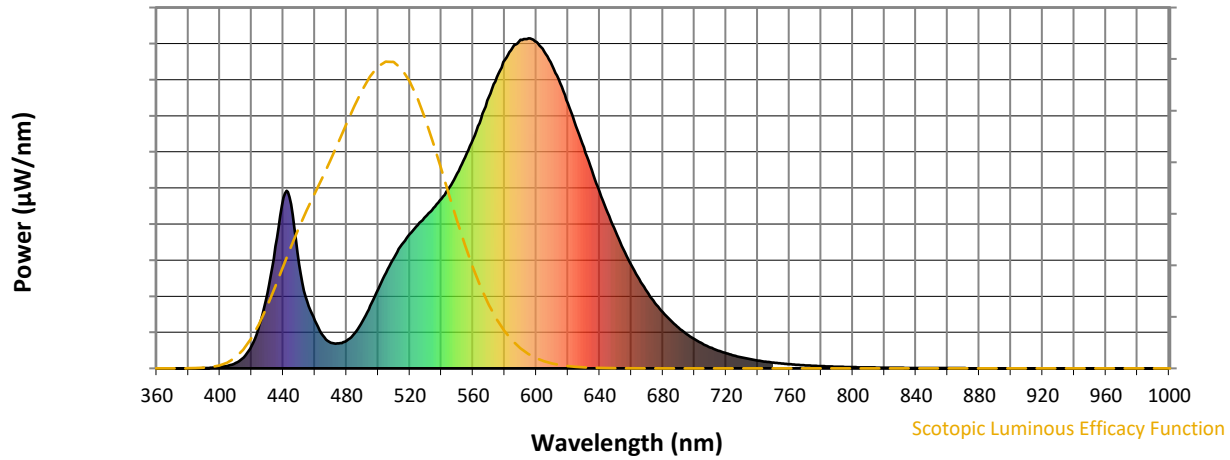


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength



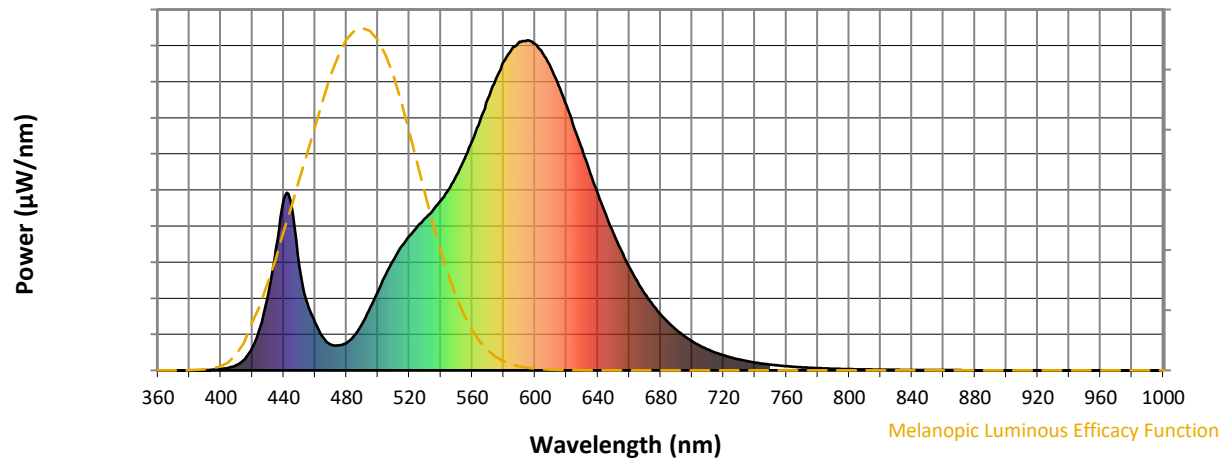
Scotopic Lumens: NR

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			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.13

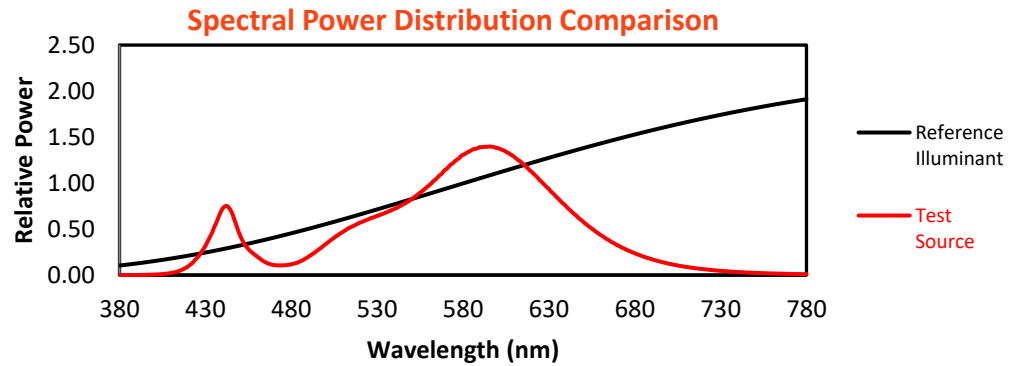
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803	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			

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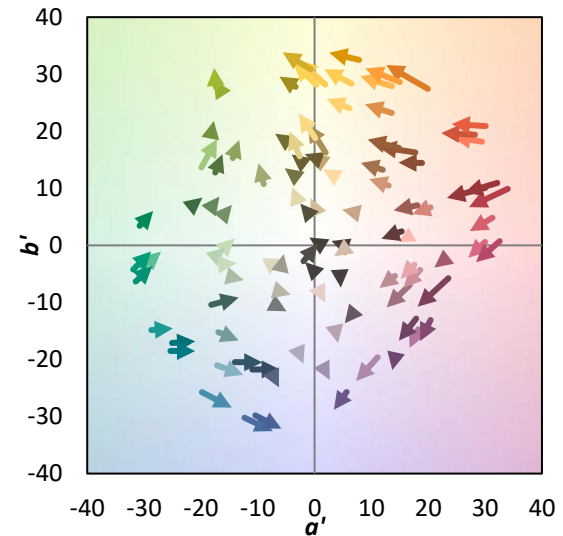
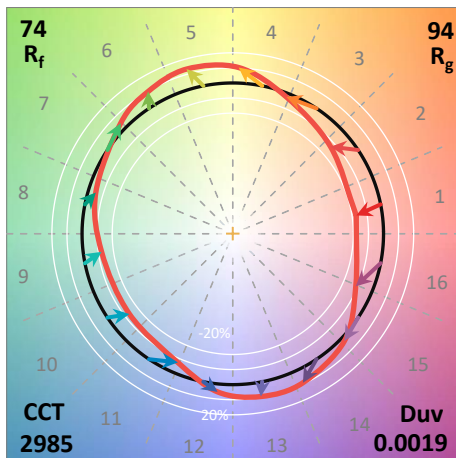
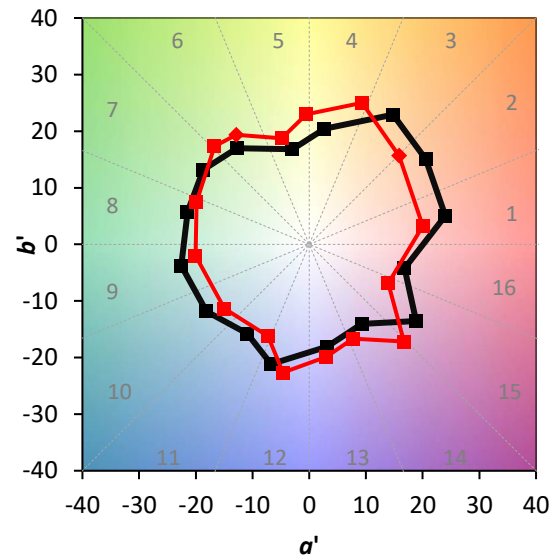
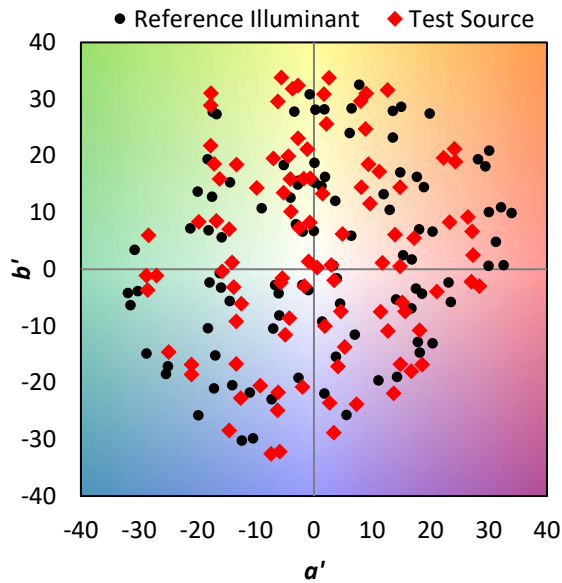
TM-30-18

Summary

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

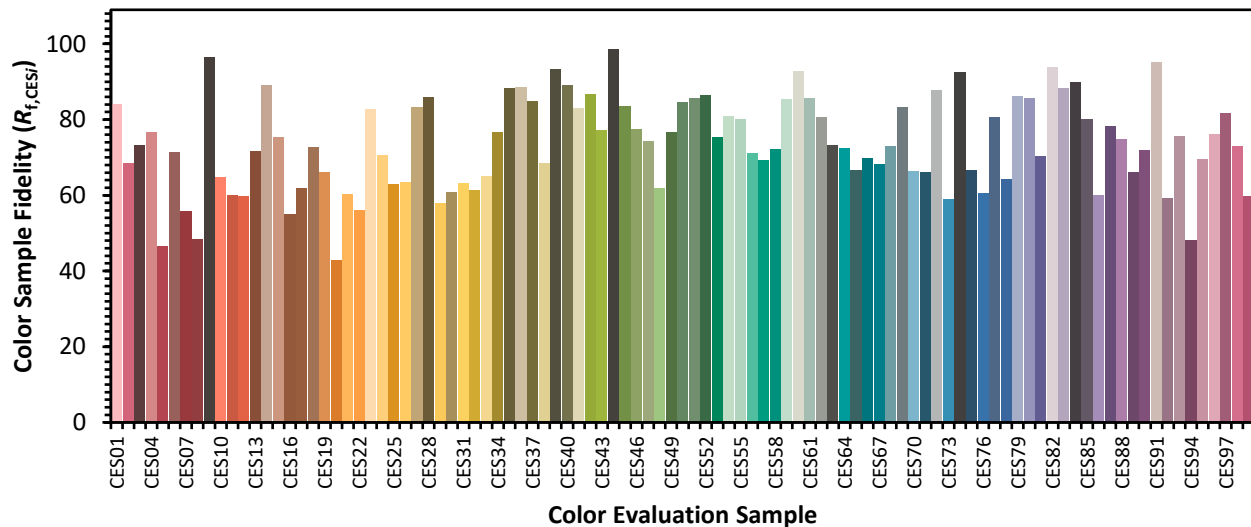


Color Vector Graphics

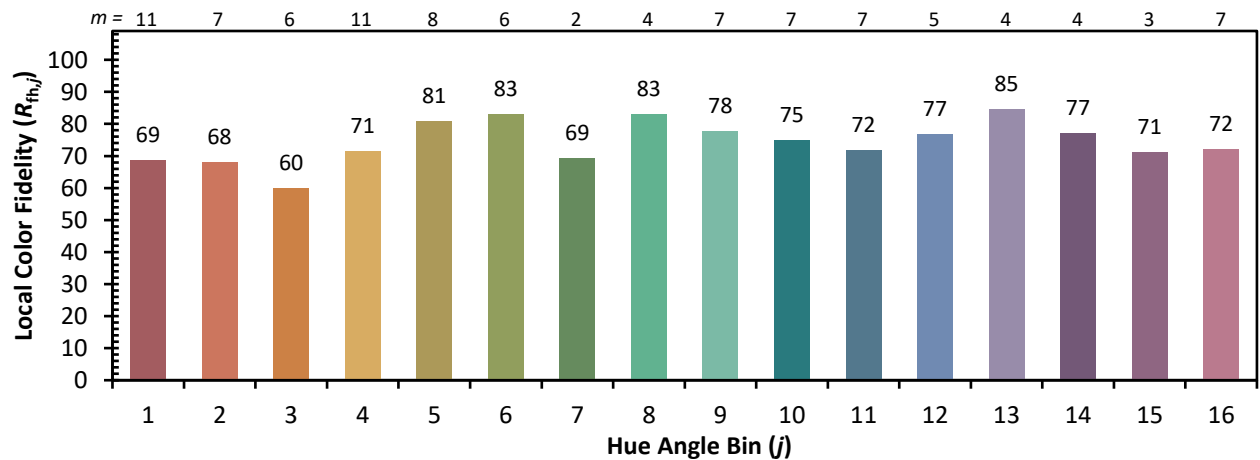
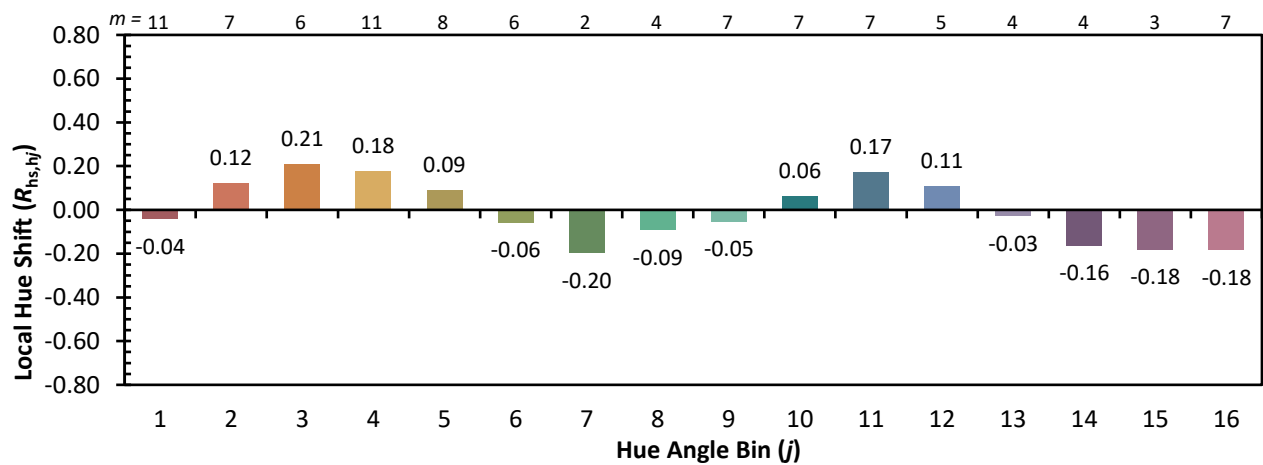
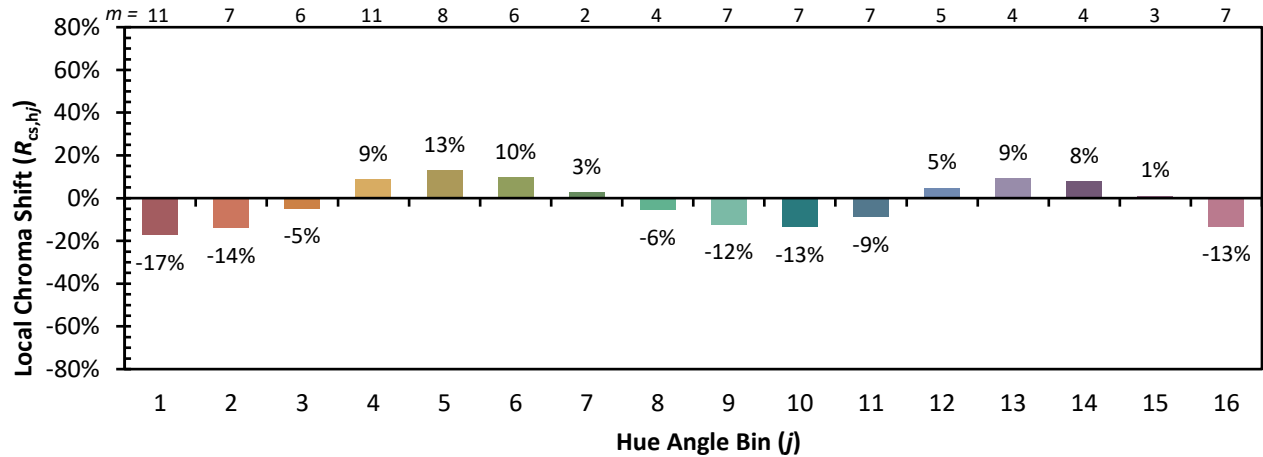


Individual Sample Fidelity Index ($R_{f,i}$)

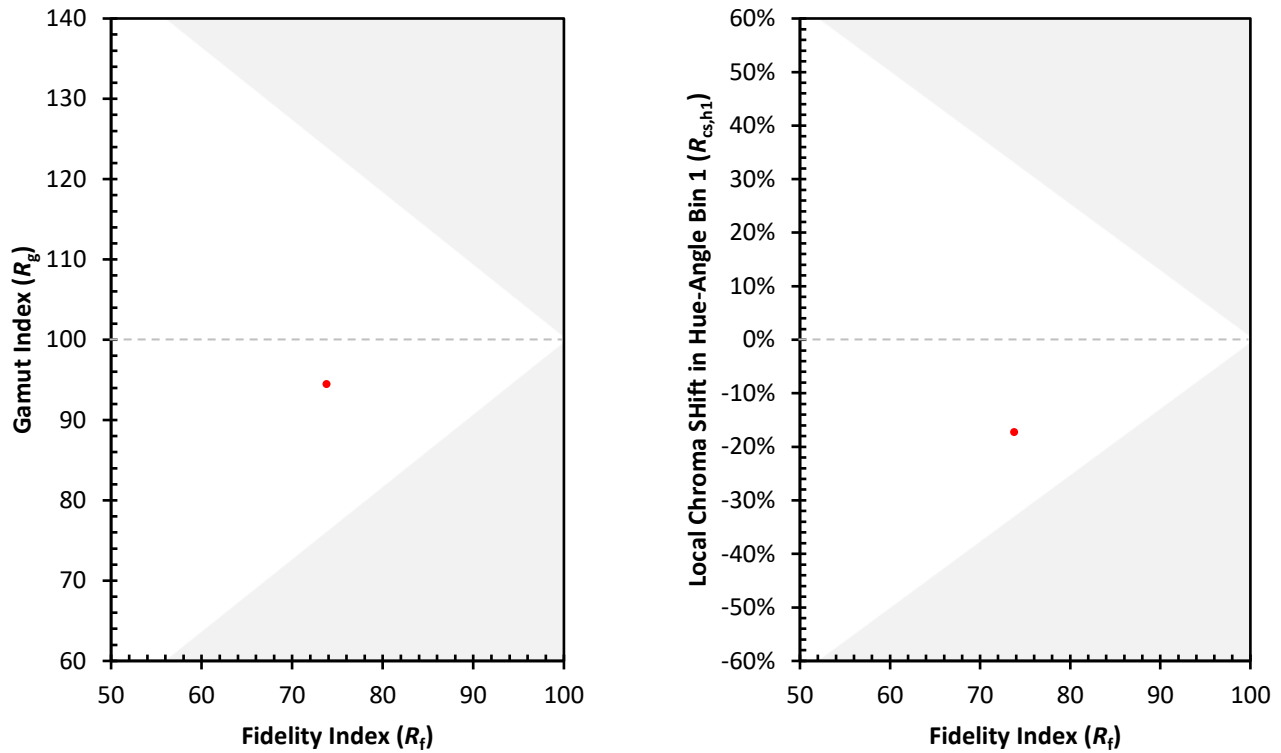
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 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)