

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: P1049327

Luminaire Tested: **GALN-SA3C-930-U-RBC**

Issue Date: 07/10/2025



Test Information

Test Method: LM-79-08
Report Number: P1049327
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3C-930-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
90CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10690.3 lumens
Efficiency: N/A
Efficacy: 76.1 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

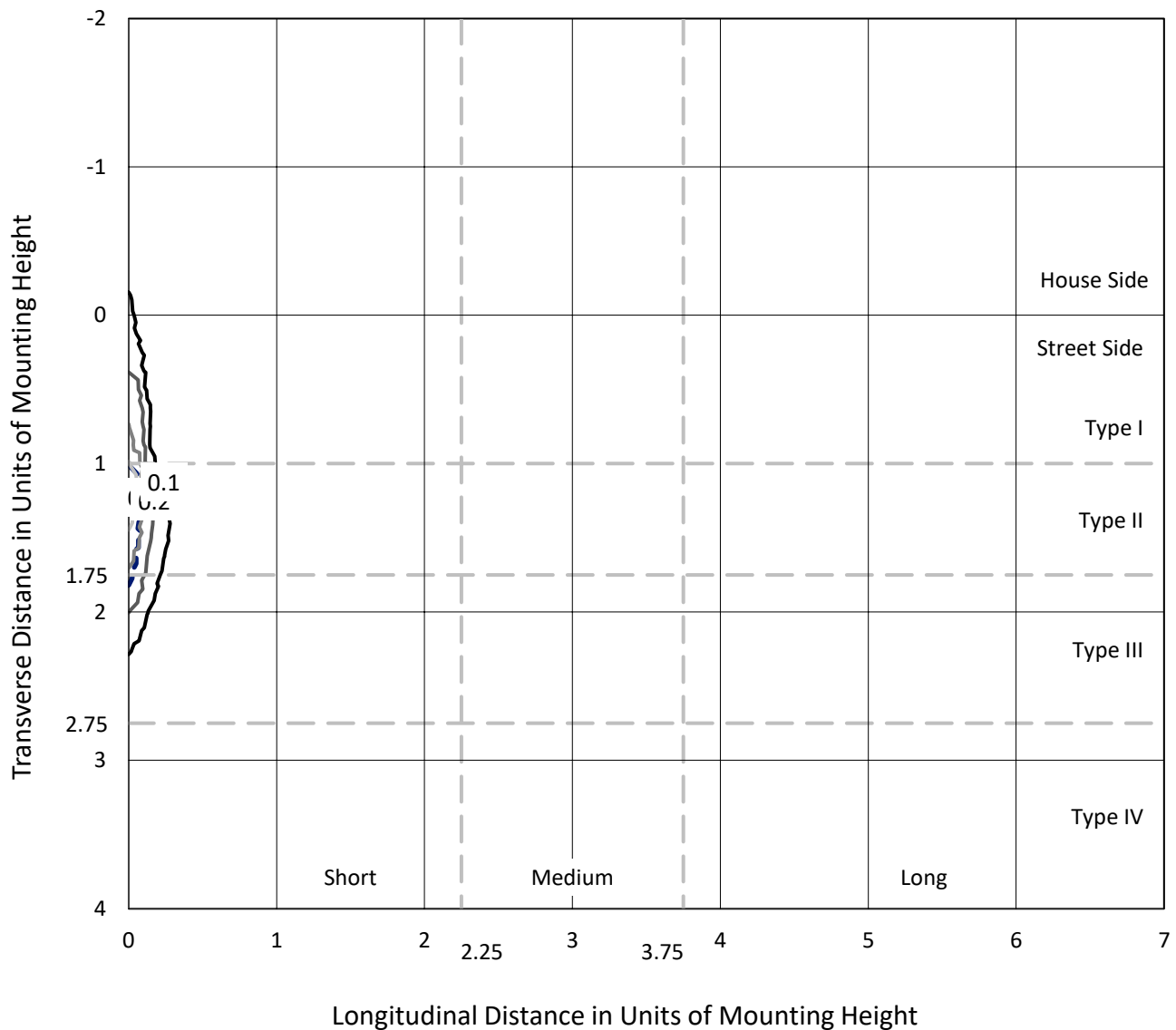
Input Watts (W): 140.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

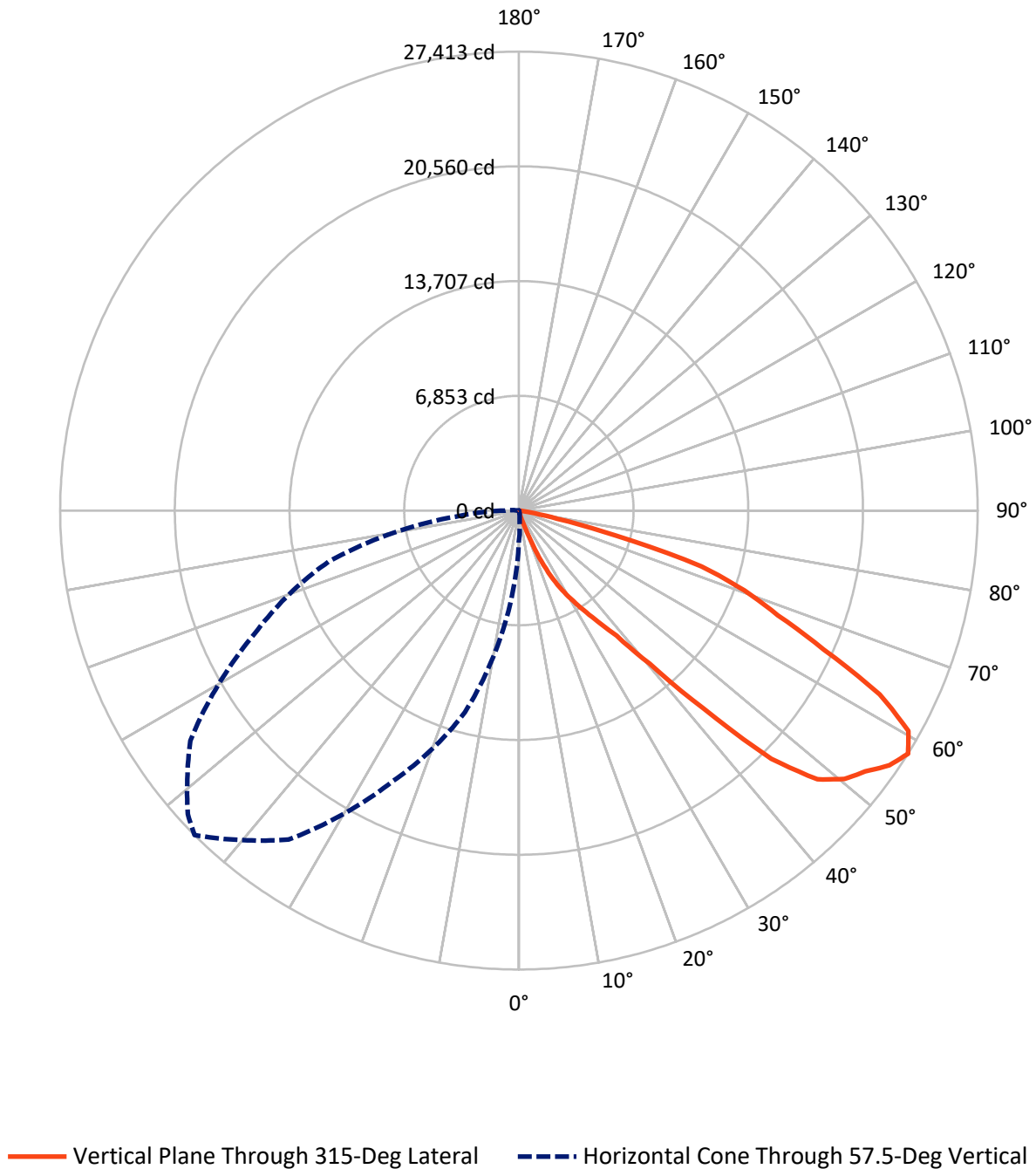


Based on 20 foot mounting height. Maximum calculated value = 1.6 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	53.5	0.0	53.5
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	10636.8	0.0	10636.8
	% Fixture	99.5	0.0	99.5
Total	Lumens	10690.3	0.0	10690.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	4.2	0.0
10°-20°	23.5	0.2
20°-30°	253.3	2.4
30°-40°	749.2	7.0
40°-50°	2232.8	20.9
50°-60°	3540.4	33.1
60°-70°	2955.4	27.6
70°-80°	911.3	8.5
80°-90°	20.3	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	10690.3	100.0
0°-180°	10690.3	100.0



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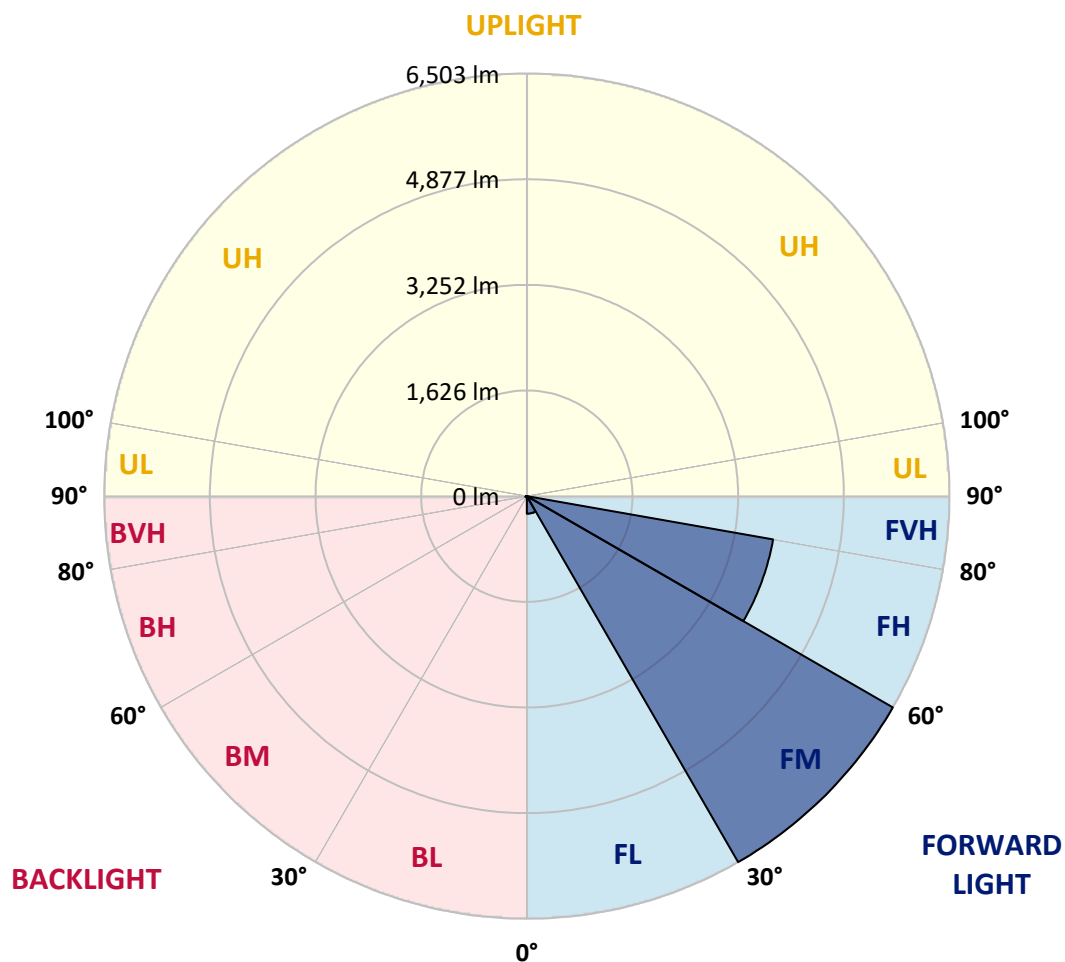
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	271.2	2.5			
FM	(30°-60°)	6503.2	60.8			
FH	(60°-80°)	3846.7	36.0			G2/5000
FVH	(80°-90°)	15.7	0.1			G1/100
BL	(0°-30°)	9.8	0.1	B0/110		
BM	(30°-60°)	19.1	0.2	B0/220		
BH	(60°-80°)	20.0	0.2	B0/110		G0/110
BVH	(80°-90°)	4.6	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°	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
2.5°	42.8	42.8	42.8	42.8	42.0	42.0	41.2	41.2	40.4	40.4
5°	45.2	45.2	44.4	43.6	43.6	42.8	42.0	41.2	41.2	40.4
7.5°	49.3	48.5	47.7	46.9	45.2	44.4	42.8	42.0	41.2	39.6
10°	54.1	52.5	50.9	49.3	47.7	46.0	44.4	43.6	42.0	41.2
12.5°	60.6	58.2	54.9	52.5	50.9	48.5	46.9	45.2	42.8	41.2
15°	66.2	63.0	59.0	55.7	53.3	50.1	47.7	45.2	43.6	41.2
17.5°	74.3	68.7	62.2	58.2	54.9	50.9	46.9	44.4	42.0	38.8
20°	88.1	76.7	64.6	59.8	54.9	50.1	45.2	42.0	39.6	36.4
22.5°	109.9	90.5	71.1	63.8	57.4	50.1	43.6	40.4	37.2	33.9
25°	151.9	117.1	82.4	72.7	63.0	53.3	43.6	39.6	36.4	32.3
27.5°	202.0	150.3	97.8	84.0	71.1	57.4	43.6	38.8	34.7	29.9
30°	252.9	184.2	114.7	96.9	79.2	61.4	43.6	38.0	33.1	27.5
32.5°	301.3	215.7	129.3	108.3	87.2	65.4	44.4	38.0	31.5	25.0
35°	350.6	241.5	131.7	109.9	88.1	65.4	43.6	36.4	29.9	22.6
37.5°	413.6	270.6	126.8	105.0	84.0	62.2	41.2	34.7	28.3	21.0
40°	508.9	319.1	129.3	106.6	84.0	61.4	38.8	32.3	26.7	20.2
42.5°	685.1	412.8	139.8	113.9	88.1	61.4	35.5	29.9	25.0	19.4
45°	1184.3	685.9	187.4	148.6	109.9	71.1	32.3	27.5	23.4	18.6
47.5°	1959.0	1148.0	336.9	260.1	184.2	107.4	31.5	27.5	23.4	18.6
50°	2500.3	1462.2	424.1	326.4	228.6	130.9	33.1	28.3	24.2	19.4
52.5°	2496.3	1484.8	472.6	362.7	253.7	143.8	34.7	29.9	25.9	21.0
55°	2219.2	1350.7	481.5	370.0	259.3	147.8	37.2	32.3	27.5	22.6
57.5°	1854.8	1147.2	439.5	340.1	241.5	142.2	42.8	37.2	32.3	26.7
60°	1467.1	904.8	342.5	270.6	199.5	127.6	56.5	49.3	42.8	35.5
62.5°	1013.1	656.0	298.9	239.9	181.8	122.8	64.6	57.4	50.9	43.6
65°	716.6	493.6	269.8	219.7	170.5	120.4	70.3	62.2	54.9	46.9
67.5°	535.6	392.6	248.8	206.0	163.2	120.4	77.6	67.9	59.0	49.3
70°	410.4	322.3	233.5	198.7	164.8	130.1	95.3	81.6	68.7	54.9
72.5°	334.5	275.5	215.7	190.7	165.6	140.6	115.5	97.8	80.0	61.4
75°	277.1	235.9	194.7	173.7	153.5	132.5	111.5	95.3	80.0	63.8
77.5°	184.2	168.0	151.1	139.0	126.8	113.9	101.8	88.1	75.1	61.4
80°	64.6	62.2	59.8	64.6	69.5	74.3	79.2	69.5	60.6	50.9
82.5°	9.7	8.9	8.1	8.9	9.7	10.5	11.3	12.1	12.9	13.7
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

[illegible]



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CATALOG NUMBER: GALN-SA3C-930-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
0.0	2.5°	39.6	39.6	38.8	38.8	38.8	38.0	38.0	37.2	37.2	37.2
0.0	5°	38.8	38.8	38.0	37.2	36.4	36.4	35.5	34.7	34.7	33.9
0.0	7.5°	38.0	37.2	36.4	35.5	34.7	33.9	33.1	32.3	32.3	31.5
0.0	10°	38.8	37.2	36.4	34.7	33.9	33.1	31.5	30.7	29.9	29.9
0.0	12.5°	37.2	36.4	34.7	33.1	32.3	30.7	29.9	28.3	27.5	27.5
0.0	15°	37.2	35.5	33.1	31.5	29.9	29.1	27.5	25.9	25.0	24.2
0.0	17.5°	34.7	33.1	30.7	29.1	27.5	25.9	24.2	22.6	21.8	21.0
0.0	20°	31.5	29.9	27.5	25.0	23.4	21.8	20.2	18.6	17.8	17.0
0.0	22.5°	28.3	26.7	24.2	21.8	20.2	18.6	16.2	14.5	13.7	12.1
0.0	25°	26.7	24.2	21.8	19.4	17.0	15.3	12.9	10.5	8.9	7.3
0.0	27.5°	22.6	20.2	17.8	15.3	12.9	10.5	8.1	5.7	4.0	3.2
0.0	30°	19.4	17.0	14.5	12.1	8.9	6.5	4.0	0.8	0.8	0.8
0.0	32.5°	16.2	13.7	10.5	8.1	6.5	4.0	2.4	0.0	0.0	0.0
0.0	35°	12.9	10.5	7.3	4.8	4.0	2.4	1.6	0.0	0.0	0.0
0.0	37.5°	11.3	8.9	5.7	2.4	1.6	1.6	0.8	0.0	0.0	0.0
0.0	40°	10.5	7.3	4.0	0.8	0.8	0.8	0.0	0.0	0.0	0.0
0.0	42.5°	10.5	7.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	10.5	7.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	10.5	7.3	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	11.3	8.1	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	12.9	9.7	6.5	3.2	2.4	1.6	0.8	0.0	0.0	0.0
0.0	55°	16.2	14.5	12.1	10.5	8.1	5.7	2.4	0.0	0.0	0.0
0.0	57.5°	21.0	21.0	20.2	19.4	14.5	9.7	4.8	0.0	0.0	0.0
0.0	60°	28.3	28.3	28.3	28.3	21.0	14.5	7.3	0.0	0.0	0.0
0.0	62.5°	34.7	33.1	30.7	29.1	21.8	14.5	7.3	0.0	0.0	0.0
0.0	65°	34.7	31.5	27.5	23.4	17.8	12.1	5.7	0.0	0.0	0.0
0.0	67.5°	32.3	25.9	18.6	12.1	8.9	6.5	3.2	0.0	0.0	0.0
	70°	32.3	22.6	12.9	3.2	2.4	1.6	0.8	0.0	0.0	0.0
	72.5°	32.3	21.8	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	35.5	24.2	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	35.5	24.2	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	31.5	21.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	10.5	7.3	3.2	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°	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
0.0	2.5°	36.4	36.4	36.4	35.5	35.5	35.5	35.5	34.7	34.7	34.7
0.0	5°	33.1	33.1	32.3	32.3	31.5	31.5	30.7	30.7	29.9	29.9
0.0	7.5°	30.7	29.9	29.9	29.1	28.3	28.3	27.5	27.5	26.7	25.9
0.0	10°	28.3	27.5	27.5	26.7	25.9	25.0	25.0	24.2	23.4	22.6
0.0	12.5°	25.9	25.0	24.2	23.4	22.6	21.8	21.8	21.0	20.2	19.4
0.0	15°	22.6	21.8	21.0	20.2	19.4	18.6	18.6	17.8	17.0	16.2
0.0	17.5°	19.4	18.6	18.6	17.8	17.0	16.2	15.3	13.7	12.9	12.1
0.0	20°	14.5	13.7	12.9	12.1	11.3	9.7	8.9	7.3	5.7	4.8
0.0	22.5°	9.7	8.1	7.3	5.7	4.0	3.2	2.4	0.8	0.0	0.0
0.0	25°	3.2	2.4	1.6	0.8	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: P1049327

CATALOG NUMBER: GALN-SA3C-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049327

CATALOG NUMBER: GALN-SA3C-930-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
0.0	2.5°	33.9	33.9	33.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1
0.0	5°	29.1	29.1	29.1	28.3	28.3	27.5	27.5	27.5	26.7	26.7
0.0	7.5°	25.0	24.2	24.2	23.4	23.4	22.6	22.6	22.6	21.8	21.8
0.0	10°	21.0	20.2	20.2	19.4	19.4	18.6	18.6	17.8	17.8	17.0
0.0	12.5°	18.6	17.8	17.0	16.2	16.2	15.3	14.5	14.5	13.7	12.9
0.0	15°	14.5	13.7	12.9	12.1	11.3	10.5	9.7	9.7	8.9	8.1
0.0	17.5°	9.7	8.1	7.3	6.5	6.5	5.7	4.8	4.0	3.2	2.4
0.0	20°	2.4	1.6	0.8	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-SA3C-930-U-RBC

[illegible]

REPORT NUMBER: P1049327

CATALOG NUMBER: GALN-SA3C-930-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°	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
0.0	2.5°	33.1	32.3	32.3	32.3	33.1	33.1	33.1	33.1	33.1	33.1
0.0	5°	26.7	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
0.0	7.5°	21.8	21.0	21.0	21.0	21.0	20.2	20.2	20.2	20.2	20.2
0.0	10°	17.0	16.2	16.2	16.2	16.2	15.3	15.3	15.3	15.3	15.3
0.0	12.5°	12.1	12.1	11.3	11.3	11.3	10.5	10.5	10.5	10.5	9.7
0.0	15°	7.3	6.5	5.7	5.7	5.7	4.8	4.8	4.8	4.8	4.0
0.0	17.5°	1.6	1.6	0.8	0.8	0.8	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-SA3C-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049327

CATALOG NUMBER: GALN-SA3C-930-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
0.0	2.5°	33.9	33.9	34.7	34.7	35.5	37.2	38.0	38.8	40.4	42.0
0.0	5°	26.7	27.5	27.5	28.3	29.1	29.9	30.7	31.5	33.1	34.7
0.0	7.5°	21.0	21.0	21.8	21.8	22.6	24.2	25.0	25.9	27.5	29.9
0.0	10°	16.2	16.2	17.0	17.0	17.8	19.4	20.2	21.0	22.6	25.0
0.0	12.5°	10.5	11.3	11.3	12.1	12.9	14.5	15.3	16.2	17.8	19.4
0.0	15°	4.8	5.7	5.7	6.5	7.3	8.9	9.7	10.5	12.1	14.5
0.0	17.5°	0.8	0.8	1.6	1.6	2.4	3.2	4.0	4.8	7.3	8.9
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	3.2
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
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-SA3C-930-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

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CATALOG NUMBER: GALN-SA3C-930-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°	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
0.0	2.5°	44.4	46.0	47.7	49.3	50.9	52.5	53.3	54.9	55.7	56.5
0.0	5°	38.0	39.6	42.0	43.6	45.2	46.9	48.5	49.3	50.1	50.9
0.0	7.5°	33.1	34.7	37.2	38.8	40.4	42.0	43.6	45.2	46.0	46.9
0.0	10°	28.3	30.7	32.3	34.7	36.4	38.0	39.6	41.2	42.8	43.6
0.0	12.5°	22.6	25.0	27.5	29.1	31.5	33.9	35.5	37.2	38.8	40.4
0.0	15°	17.8	20.2	22.6	24.2	26.7	29.1	31.5	33.1	34.7	36.4
0.0	17.5°	12.9	15.3	17.8	19.4	21.8	24.2	25.9	28.3	29.9	31.5
0.0	20°	6.5	8.9	11.3	13.7	16.2	18.6	20.2	22.6	24.2	25.9
0.0	22.5°	0.8	3.2	5.7	7.3	9.7	12.1	13.7	16.2	17.8	19.4
0.0	25°	0.0	0.8	2.4	3.2	4.0	5.7	7.3	8.9	10.5	12.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.8	1.6	3.2	4.8	6.5
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6
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	0.8
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.6
	85°	0.0	0.0	0.0	0.0	0.0	1.6	2.4	4.0	4.8	5.7
	87.5°	0.0	0.8	1.6	2.4	3.2	4.8	6.5	8.1	8.9	9.7
	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: P1049327

CATALOG NUMBER: GALN-SA3C-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
46.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.5	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	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											
0.8											
3.2											
7.3											
10.5											
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REPORT NUMBER: P1049327

CATALOG NUMBER: GALN-SA3C-930-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
0.0	2.5°	57.4	57.4	57.4	57.4	56.5	56.5	56.5	55.7	55.7	54.9
0.0	5°	52.5	53.3	53.3	53.3	53.3	53.3	53.3	53.3	52.5	52.5
0.0	7.5°	48.5	49.3	50.1	50.1	50.9	50.9	50.9	50.1	50.1	49.3
0.0	10°	46.0	46.9	46.9	47.7	47.7	47.7	47.7	47.7	47.7	47.7
0.0	12.5°	42.8	43.6	44.4	44.4	45.2	45.2	45.2	45.2	44.4	44.4
0.0	15°	38.8	40.4	41.2	42.0	42.0	42.8	42.8	42.8	42.8	42.8
0.0	17.5°	35.5	37.2	38.0	38.8	38.8	39.6	39.6	40.4	40.4	40.4
0.0	20°	29.1	30.7	31.5	33.1	33.9	34.7	35.5	36.4	36.4	37.2
0.0	22.5°	22.6	24.2	25.0	26.7	27.5	28.3	29.1	29.9	30.7	31.5
0.0	25°	16.2	17.8	18.6	20.2	21.0	21.8	22.6	23.4	23.4	24.2
0.0	27.5°	8.9	10.5	12.1	12.9	14.5	15.3	16.2	17.0	17.8	18.6
0.0	30°	4.0	4.8	5.7	7.3	8.1	8.9	9.7	11.3	12.1	12.9
0.0	32.5°	0.0	0.0	0.8	2.4	3.2	4.0	4.8	5.7	5.7	6.5
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.6	2.4	3.2
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°	1.6	1.6	1.6	2.4	2.4	2.4	2.4	2.4	2.4	2.4
0.0	82.5°	4.0	4.8	5.7	5.7	6.5	6.5	6.5	6.5	5.7	5.7
0.0	85°	8.1	8.9	9.7	9.7	10.5	10.5	10.5	10.5	10.5	10.5
0.0	87.5°	11.3	12.1	12.9	12.9	13.7	13.7	13.7	13.7	13.7	13.7
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: P1049327

CATALOG NUMBER: GALN-SA3C-930-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
46.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.8	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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0.0											
2.4											
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10.5											
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REPORT NUMBER: P1049327

CATALOG NUMBER: GALN-SA3C-930-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°	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
0.0	2.5°	54.1	54.1	53.3	53.3	53.3	53.3	53.3	54.1	54.9	54.9
0.0	5°	51.7	51.7	50.9	50.9	50.9	51.7	51.7	52.5	53.3	54.1
0.0	7.5°	49.3	48.5	48.5	49.3	49.3	50.1	50.1	50.9	51.7	52.5
0.0	10°	47.7	46.9	46.9	46.9	47.7	47.7	48.5	49.3	50.1	50.9
0.0	12.5°	44.4	44.4	44.4	44.4	45.2	45.2	46.0	46.9	48.5	49.3
0.0	15°	42.8	42.0	42.0	42.0	42.0	42.8	42.8	44.4	46.0	46.9
0.0	17.5°	39.6	39.6	38.8	38.8	39.6	39.6	40.4	42.0	43.6	44.4
0.0	20°	36.4	35.5	34.7	34.7	35.5	35.5	36.4	38.0	39.6	40.4
0.0	22.5°	31.5	30.7	30.7	30.7	30.7	31.5	31.5	33.1	35.5	37.2
0.0	25°	25.0	25.9	25.9	26.7	26.7	27.5	28.3	29.9	32.3	33.9
0.0	27.5°	19.4	20.2	20.2	21.8	22.6	23.4	24.2	26.7	29.1	30.7
0.0	30°	14.5	15.3	16.2	17.0	18.6	20.2	21.8	24.2	26.7	28.3
0.0	32.5°	8.9	10.5	11.3	12.9	14.5	16.2	17.8	20.2	23.4	25.9
0.0	35°	6.5	7.3	8.9	9.7	11.3	12.9	14.5	17.8	20.2	23.4
0.0	37.5°	3.2	4.8	6.5	8.1	9.7	11.3	12.9	16.2	19.4	21.8
0.0	40°	2.4	4.0	4.8	6.5	8.9	10.5	12.1	15.3	18.6	21.8
0.0	42.5°	1.6	2.4	3.2	5.7	7.3	9.7	12.1	15.3	18.6	21.8
0.0	45°	1.6	1.6	2.4	4.8	7.3	10.5	12.9	16.2	18.6	21.8
0.0	47.5°	1.6	2.4	3.2	6.5	8.1	10.5	12.9	15.3	18.6	21.0
0.0	50°	2.4	3.2	4.0	7.3	8.9	11.3	12.9	16.2	18.6	21.8
0.0	52.5°	1.6	2.4	3.2	6.5	8.9	12.1	14.5	17.8	21.0	23.4
0.0	55°	0.8	0.8	0.8	4.8	9.7	13.7	18.6	21.0	24.2	26.7
0.0	57.5°	0.0	0.0	0.0	3.2	9.7	15.3	21.0	24.2	27.5	29.9
0.0	60°	0.0	0.0	0.0	3.2	9.7	15.3	21.0	25.0	29.1	33.1
0.0	62.5°	0.0	0.0	0.0	3.2	8.1	12.9	17.8	24.2	31.5	38.0
0.0	65°	0.0	0.0	0.0	2.4	6.5	10.5	14.5	24.2	33.9	42.8
0.0	67.5°	0.0	0.0	0.0	2.4	6.5	9.7	13.7	24.2	33.9	44.4
	70°	0.0	0.0	0.0	2.4	6.5	10.5	14.5	24.2	33.9	43.6
	72.5°	0.0	0.0	0.0	2.4	7.3	11.3	16.2	24.2	32.3	40.4
	75°	0.0	0.0	0.0	3.2	7.3	12.1	17.0	24.2	31.5	38.0
	77.5°	0.0	0.0	0.0	2.4	7.3	11.3	16.2	23.4	30.7	37.2
	80°	2.4	1.6	1.6	4.0	7.3	10.5	13.7	21.0	29.1	36.4
	82.5°	4.8	4.8	4.0	5.7	7.3	9.7	12.1	18.6	25.9	32.3
	85°	9.7	9.7	8.9	9.7	9.7	10.5	11.3	14.5	17.8	21.0
	87.5°	12.9	12.9	12.1	12.1	12.1	11.3	11.3	11.3	11.3	10.5
	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: P1049327

CATALOG NUMBER: GALN-SA3C-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
46.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.5	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.9	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.1	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.3											
48.5											
45.2											
44.4											
43.6											
38.8											
24.2											
10.5											
0.0											
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REPORT NUMBER: P1049327

CATALOG NUMBER: GALN-SA3C-930-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
0.0	2.5°	56.5	57.4	57.4	58.2	59.0	59.8	59.8	60.6	60.6	60.6
0.0	5°	55.7	57.4	58.2	59.0	59.8	60.6	61.4	62.2	63.0	63.0
0.0	7.5°	54.9	55.7	57.4	58.2	59.8	60.6	62.2	63.0	63.8	64.6
0.0	10°	53.3	54.9	56.5	58.2	59.8	61.4	63.0	64.6	66.2	67.1
0.0	12.5°	51.7	54.1	55.7	57.4	59.8	62.2	63.8	66.2	67.9	69.5
0.0	15°	50.9	52.5	54.9	56.5	59.8	63.0	65.4	68.7	71.9	74.3
0.0	17.5°	48.5	51.7	54.1	56.5	59.8	63.8	67.1	70.3	75.1	80.0
0.0	20°	45.2	47.7	50.9	53.3	58.2	62.2	67.1	71.1	78.4	85.6
0.0	22.5°	42.0	45.2	47.7	50.9	56.5	61.4	67.1	71.9	84.0	95.3
0.0	25°	38.8	42.8	46.0	49.3	55.7	62.2	68.7	75.1	95.3	115.5
0.0	27.5°	37.2	40.4	44.4	47.7	55.7	64.6	72.7	80.8	113.1	144.6
0.0	30°	34.7	38.8	42.0	46.0	56.5	67.1	77.6	88.1	137.3	186.6
0.0	32.5°	32.3	36.4	40.4	44.4	58.2	71.9	84.8	98.6	163.2	227.0
0.0	35°	29.9	34.7	38.8	42.8	60.6	79.2	96.9	114.7	186.6	257.7
0.0	37.5°	29.1	33.9	38.0	42.0	61.4	80.0	99.4	117.9	189.0	260.1
0.0	40°	29.9	33.9	38.8	42.8	59.0	75.1	90.5	106.6	181.0	254.5
0.0	42.5°	29.9	34.7	39.6	44.4	57.4	70.3	83.2	96.1	178.5	260.9
0.0	45°	29.1	33.9	38.8	43.6	55.7	67.1	79.2	90.5	193.1	294.9
0.0	47.5°	28.3	33.1	38.0	42.8	54.9	67.1	79.2	91.3	249.6	407.2
0.0	50°	28.3	33.1	37.2	41.2	55.7	71.1	85.6	100.2	363.5	626.1
0.0	52.5°	29.9	33.9	37.2	40.4	57.4	75.1	92.1	109.1	462.1	814.3
0.0	55°	32.3	34.7	38.0	40.4	61.4	81.6	102.6	122.8	492.0	861.2
0.0	57.5°	35.5	38.0	40.4	42.8	68.7	94.5	119.6	145.4	494.4	842.6
0.0	60°	39.6	42.8	45.2	47.7	75.1	103.4	130.9	158.3	447.6	736.0
0.0	62.5°	48.5	52.5	55.7	59.8	86.4	112.3	139.0	164.8	371.6	578.4
0.0	65°	55.7	59.0	62.2	65.4	91.3	117.9	143.8	169.6	315.1	460.5
0.0	67.5°	57.4	60.6	63.0	66.2	92.9	119.6	145.4	172.1	269.8	366.8
	70°	58.2	62.2	67.1	71.1	98.6	126.0	152.7	180.2	239.1	298.1
	72.5°	55.7	63.8	71.1	78.4	104.2	129.3	155.1	180.2	222.2	264.2
	75°	55.7	67.1	77.6	88.1	107.4	126.0	145.4	164.0	196.3	228.6
	77.5°	59.0	73.5	88.1	102.6	113.9	124.4	135.7	146.2	167.2	188.2
	80°	59.0	74.3	88.9	104.2	109.1	114.7	119.6	124.4	126.8	129.3
	82.5°	50.9	63.0	75.1	87.2	81.6	75.9	70.3	64.6	60.6	55.7
	85°	25.9	28.3	29.9	31.5	29.1	26.7	24.2	21.8	20.2	17.8
	87.5°	10.5	10.5	9.7	9.7	9.7	9.7	8.9	8.9	8.9	8.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049327

CATALOG NUMBER: GALN-SA3C-930-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
46.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.9	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
86.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
239.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
323.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
404.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
459.7	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
500.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
542.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
622.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
784.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1195.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1831.4	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2305.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2358.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2127.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1819.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1421.8	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1074.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
793.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
561.5											
417.7											
303.8											
228.6											
128.4											
58.2											
17.0											
8.1											
0.0											
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REPORT NUMBER: P1049327

CATALOG NUMBER: GALN-SA3C-930-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°	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
0.0	2.5°	60.6	59.8	59.8	59.0	58.2	57.4	56.5	55.7	54.9	54.1
0.0	5°	63.0	63.0	63.0	62.2	62.2	61.4	61.4	60.6	59.8	59.0
0.0	7.5°	65.4	66.2	66.2	67.1	67.1	67.1	67.1	66.2	66.2	66.2
0.0	10°	69.5	70.3	71.1	71.9	72.7	73.5	73.5	74.3	74.3	74.3
0.0	12.5°	74.3	76.7	78.4	80.8	82.4	84.8	86.4	88.9	90.5	92.1
0.0	15°	81.6	85.6	90.5	94.5	98.6	104.2	110.7	116.3	122.0	130.9
0.0	17.5°	92.1	105.0	117.9	130.1	143.0	171.3	199.5	227.0	255.3	296.5
0.0	20°	112.3	151.1	189.0	227.8	265.8	365.2	463.7	563.1	661.6	767.5
0.0	22.5°	157.5	252.9	348.2	443.5	538.8	746.5	953.3	1160.9	1367.7	1610.9
0.0	25°	228.6	403.9	579.2	753.7	929.0	1253.8	1579.4	1904.1	2228.9	2544.7
0.0	27.5°	332.8	601.0	869.3	1136.7	1404.9	1845.1	2286.2	2726.5	3166.8	3523.9
0.0	30°	461.3	824.8	1188.4	1551.9	1915.4	2416.3	2917.2	3417.2	3918.1	4308.3
0.0	32.5°	582.5	1027.6	1472.7	1917.0	2362.2	2932.5	3503.7	4074.0	4644.4	5070.9
0.0	35°	661.6	1199.7	1738.5	2276.5	2814.6	3431.8	4049.0	4665.4	5282.6	5769.7
0.0	37.5°	740.8	1362.0	1982.5	2603.7	3224.2	3901.9	4579.7	5257.5	5935.3	6537.2
0.0	40°	829.7	1558.4	2286.2	3014.9	3742.8	4545.8	5348.0	6151.0	6953.2	7802.3
0.0	42.5°	984.0	1883.9	2784.7	3684.6	4584.6	5646.9	6709.2	7770.8	8833.1	10044.9
0.0	45°	1274.0	2542.3	3811.5	5079.8	6348.1	7755.4	9163.5	10570.8	11978.1	13590.6
0.0	47.5°	1984.1	3729.1	5473.2	7218.2	8962.3	10481.9	12000.7	13520.3	15039.0	16645.1
0.0	50°	3035.9	5066.9	7097.8	9128.0	11158.9	12533.9	13908.0	15283.0	16657.2	18184.8
0.0	52.5°	3796.9	5912.7	8029.3	10145.0	12260.8	13501.7	14743.4	15984.2	17225.1	18652.6
0.0	55°	3854.3	5957.9	8062.4	10166.1	12269.7	13516.2	14762.7	16009.3	17255.8	18768.9
0.0	57.5°	3412.4	5499.1	7585.0	9671.6	11757.5	13176.9	14595.5	16014.9	17433.5	19069.4
0.0	60°	2902.6	4990.1	7076.8	9164.3	11251.0	12886.1	14522.0	16157.1	17792.2	19324.7
0.0	62.5°	2264.4	4411.7	6559.8	8707.1	10854.3	12514.5	14174.6	15834.0	17494.1	18643.7
0.0	65°	1687.6	3772.7	5857.8	7942.0	10027.1	11356.8	12686.6	14015.5	15345.2	16056.9
0.0	67.5°	1219.9	3018.1	4815.6	6613.9	8411.4	9363.0	10314.7	11265.5	12217.2	12761.7
	70°	824.8	2070.5	3315.4	4561.2	5806.1	6588.1	7370.9	8152.9	8934.9	9670.0
	72.5°	571.2	1270.8	1971.2	2670.8	3370.4	4157.2	4943.3	5730.1	6516.2	7294.1
	75°	378.9	697.2	1016.3	1334.6	1652.9	2235.3	2818.6	3401.1	3983.5	4447.2
	77.5°	269.0	364.3	460.5	555.8	651.1	760.2	870.1	979.1	1088.2	1253.8
	80°	127.6	139.8	151.9	163.2	175.3	214.9	254.5	294.1	333.6	375.7
	82.5°	60.6	65.4	70.3	74.3	79.2	83.2	87.2	91.3	95.3	91.3
	85°	16.2	16.2	17.0	17.0	17.0	17.0	17.0	17.0	17.0	16.2
	87.5°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	6.5	6.5	5.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
46.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.1	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
336.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
874.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1854.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2860.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3880.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4699.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5498.3	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6256.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7139.8	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8651.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11256.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15203.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18251.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19712.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20080.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20282.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20705.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20856.4	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19794.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16769.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13307.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10404.4											
8072.1											
4911.0											
1419.4											
417.7											
86.4											
15.3											
5.7											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
0.0	2.5°	52.5	51.7	50.9	50.1	49.3	47.7	47.7	46.9	46.9
0.0	5°	57.4	56.5	55.7	54.9	54.9	54.1	53.3	53.3	52.5
0.0	7.5°	65.4	64.6	63.8	63.0	63.0	62.2	62.2	61.4	61.4
0.0	10°	75.1	75.1	75.1	75.1	75.1	74.3	74.3	74.3	73.5
0.0	12.5°	94.5	95.3	96.9	98.6	101.0	101.0	101.0	100.2	100.2
0.0	15°	149.5	158.3	164.8	171.3	176.9	189.8	188.2	185.8	184.2
0.0	17.5°	378.1	418.5	440.3	461.3	483.1	542.9	533.2	523.5	514.6
0.0	20°	979.9	1085.8	1156.0	1226.3	1297.4	1409.7	1382.2	1354.8	1327.3
0.0	22.5°	2096.4	2339.5	2445.4	2551.2	2656.2	2791.9	2703.9	2615.8	2528.6
0.0	25°	3175.7	3491.6	3670.1	3848.6	4026.4	4103.9	3989.2	3873.7	3759.0
0.0	27.5°	4238.0	4595.1	4752.6	4909.3	5066.9	5229.2	5087.1	4944.1	4801.9
0.0	30°	5089.5	5479.7	5650.1	5819.8	5990.2	6103.3	5956.3	5808.5	5661.5
0.0	32.5°	5924.8	6351.4	6538.0	6724.6	6910.4	7072.8	6891.8	6710.0	6529.1
0.0	35°	6743.2	7230.3	7487.2	7744.1	8001.0	8152.1	7937.2	7721.5	7506.6
0.0	37.5°	7741.7	8343.5	8631.1	8918.7	9206.3	9481.8	9245.1	9007.6	8770.9
0.0	40°	9500.4	10349.4	10790.5	11232.4	11673.5	12029.0	11730.1	11431.2	11132.2
0.0	42.5°	12468.4	13680.2	14314.4	14947.7	15581.9	16136.9	15822.7	15508.4	15194.1
0.0	45°	16815.5	18428.0	19201.1	19973.4	20746.5	21152.1	20699.7	20246.5	19794.1
0.0	47.5°	19856.3	21462.3	22150.6	22838.9	23527.2	23990.1	23436.7	22883.3	22330.7
0.0	50°	21239.3	22767.0	23457.7	24147.6	24838.3	25205.9	24566.9	23927.1	23288.0
0.0	52.5°	21506.7	22934.2	23758.2	24583.0	25407.0	25898.2	25143.7	24388.3	23633.8
0.0	55°	21795.9	23309.0	24264.7	25221.2	26176.9	26857.2	26004.1	25150.2	24297.1
0.0	57.5°	22340.4	23976.3	24929.6	25882.1	26835.3	27413.0	26557.4	25701.1	24845.6
0.0	60°	22388.9	23920.6	24739.8	25559.7	26378.9	26742.4	25924.1	25104.9	24286.6
0.0	62.5°	20943.6	22093.2	22662.0	23230.7	23799.4	24194.5	23340.6	22485.8	21631.9
0.0	65°	17481.2	18192.9	18646.1	19099.3	19552.5	20023.5	19241.5	18459.5	17677.5
0.0	67.5°	13851.5	14396.0	14993.0	15590.0	16187.0	16690.3	16064.2	15437.3	14811.2
	70°	11139.5	11873.9	12545.2	13216.5	13887.8	14299.8	13671.3	13042.0	12413.5
	72.5°	8850.1	9628.0	10188.7	10748.5	11309.2	11410.1	10948.1	10486.0	10024.7
	75°	5373.9	5837.6	5848.9	5859.4	5870.7	5966.8	5583.9	5201.0	4818.9
	77.5°	1585.0	1750.6	1887.2	2022.9	2159.4	2324.2	2183.6	2042.3	1901.7
	80°	458.9	500.9	536.4	571.2	606.7	585.7	552.6	519.5	486.3
	82.5°	82.4	77.6	76.7	75.9	75.9	71.9	65.4	59.0	52.5
	85°	14.5	13.7	12.9	12.1	11.3	10.5	8.9	8.1	6.5
	87.5°	4.8	4.0	3.2	2.4	2.4	0.8	0.8	0.8	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: P1049327

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CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
0.0	0.0	2.5°	46.0	45.2	45.2	45.2	45.2	44.4	44.4	44.4	44.4
0.0	0.0	5°	50.9	50.9	50.1	50.1	49.3	49.3	48.5	48.5	47.7
0.0	0.0	7.5°	59.8	59.0	58.2	57.4	56.5	54.9	54.1	53.3	53.3
0.0	0.0	10°	71.9	70.3	69.5	67.9	67.1	65.4	63.8	62.2	60.6
0.0	0.0	12.5°	94.5	91.3	88.9	85.6	82.4	80.0	76.7	74.3	71.1
0.0	0.0	15°	164.0	155.9	147.0	136.5	125.2	114.7	103.4	96.9	89.7
0.0	0.0	17.5°	419.3	377.3	334.5	299.7	265.0	231.0	196.3	171.3	146.2
0.0	0.0	20°	1067.2	950.8	834.5	719.8	604.3	489.6	374.0	315.9	257.7
0.0	0.0	22.5°	2008.3	1792.6	1576.1	1366.9	1156.8	947.6	738.4	606.7	475.8
0.0	0.0	25°	3099.7	2828.3	2556.9	2212.7	1867.8	1523.6	1179.5	965.4	751.3
0.0	0.0	27.5°	4033.6	3721.0	3408.3	2989.9	2571.4	2152.9	1734.5	1415.4	1097.1
0.0	0.0	30°	4842.3	4506.2	4170.1	3683.0	3195.9	2708.7	2221.6	1822.5	1423.4
0.0	0.0	32.5°	5543.5	5141.2	4738.9	4236.4	3733.9	3231.4	2728.9	2239.4	1749.8
0.0	0.0	35°	6352.2	5882.8	5412.6	4855.2	4297.0	3739.6	3182.1	2629.6	2076.2
0.0	0.0	37.5°	7379.8	6803.8	6226.9	5605.7	4984.5	4364.0	3742.8	3111.1	2479.3
0.0	0.0	40°	9346.9	8603.7	7860.4	7071.2	6281.1	5491.8	4702.5	3927.0	3151.4
0.0	0.0	42.5°	12871.6	11867.4	10863.2	9813.0	8762.0	7711.8	6660.8	5566.9	4472.3
0.0	0.0	45°	16849.4	15603.7	14357.2	13178.5	11999.1	10820.4	9641.8	8140.8	6639.8
0.0	0.0	47.5°	19086.4	17741.3	16396.2	15280.6	14164.9	13049.3	11933.6	10315.5	8697.4
0.0	0.0	50°	19909.6	18540.3	17171.0	16144.2	15116.6	14089.8	13062.2	11441.7	9820.3
0.0	0.0	52.5°	20084.9	18688.1	17291.3	16258.1	15224.8	14192.4	13159.2	11549.1	9939.0
0.0	0.0	55°	20445.2	18946.6	17447.3	16269.4	15091.5	13913.7	12735.8	11099.9	9464.0
0.0	0.0	57.5°	20916.2	19379.6	17843.1	16501.3	15159.4	13818.4	12476.5	10687.9	8899.3
0.0	0.0	60°	20792.6	19455.6	18117.8	16680.6	15242.6	13805.4	12367.5	10400.3	8432.4
0.0	0.0	62.5°	18646.9	17582.2	16516.6	15334.7	14152.0	12970.1	11788.2	9762.9	7737.6
0.0	0.0	65°	15340.4	14563.2	13786.1	12835.2	11883.6	10932.7	9981.9	8165.8	6350.6
0.0	0.0	67.5°	12432.9	11557.2	10680.7	9922.9	9164.3	8406.5	7648.0	6218.9	4789.8
		70°	9877.6	8925.2	7971.9	7231.9	6491.1	5751.1	5011.1	4061.1	3111.9
		72.5°	7844.3	6985.5	6126.8	5337.5	4547.4	3758.1	2968.1	2406.6	1845.1
		75°	3749.3	3405.9	3062.6	2649.8	2237.0	1824.1	1411.3	1166.5	922.6
		77.5°	1389.5	1204.5	1018.7	850.7	682.6	515.4	347.4	318.3	289.2
		80°	359.5	313.4	266.6	233.5	199.5	166.4	133.3	120.4	108.3
		82.5°	41.2	38.0	35.5	33.9	31.5	29.9	27.5	25.0	22.6
		85°	2.4	1.6	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):

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REPORT NUMBER: P1049327

CATALOG NUMBER: GALN-SA3C-930-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	46.9	46.9
0.0	0.0	2.5°	43.6	42.8
0.0	0.0	5°	46.0	45.2
0.0	0.0	7.5°	50.9	49.3
0.0	0.0	10°	55.7	54.1
0.0	0.0	12.5°	63.0	60.6
0.0	0.0	15°	71.1	66.2
0.0	0.0	17.5°	84.8	74.3
0.0	0.0	20°	114.7	88.1
0.0	0.0	22.5°	161.6	109.9
0.0	0.0	25°	237.5	151.9
0.0	0.0	27.5°	330.4	202.0
0.0	0.0	30°	439.5	252.9
0.0	0.0	32.5°	535.6	301.3
0.0	0.0	35°	660.8	350.6
0.0	0.0	37.5°	815.1	413.6
0.0	0.0	40°	1054.3	508.9
0.0	0.0	42.5°	1484.8	685.1
0.0	0.0	45°	2411.4	1184.3
0.0	0.0	47.5°	3710.5	1959.0
0.0	0.0	50°	4539.3	2500.3
0.0	0.0	52.5°	4607.2	2496.3
0.0	0.0	55°	4205.7	2219.2
0.0	0.0	57.5°	3588.5	1854.8
0.0	0.0	60°	2982.6	1467.1
0.0	0.0	62.5°	2350.1	1013.1
0.0	0.0	65°	1717.5	716.6
0.0	0.0	67.5°	1233.6	535.6
		70°	811.1	410.4
		72.5°	528.3	334.5
		75°	355.5	277.1
		77.5°	207.6	184.2
		80°	73.5	64.6
		82.5°	13.7	9.7
		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: P1049327

CATALOG NUMBER: GALN-SA3C-930-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: SP1-2407-184-14

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-930-U-5WQ

Data in this report applies to families of products including GSS-SB1A-930-U-5WQ

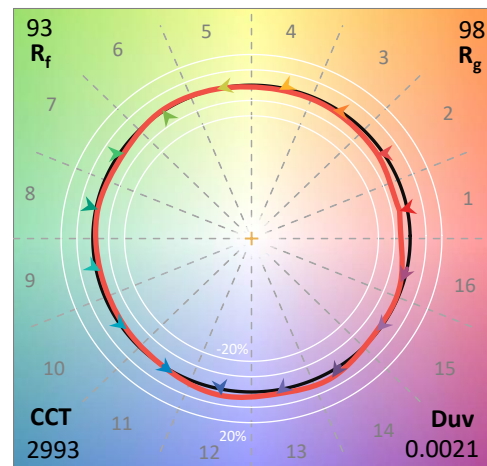
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-14
 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-930-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2993
 CIE u' : 0.2501
 CIE v' : 0.5245
 Duv: 0.0021
 CIE x: 0.4406
 CIE y: 0.4107
 CIE z: 0.1487
 Peak Wavelength (nm): 621
 Dominant Wavelength (nm): 582
 Purity: 55.53327
 R_f: 92.6
 R_g: 98.5

CRI (Ra): 92.4
 R1: 92.2
 R2: 95.2
 R3: 97.0
 R4: 93.1
 R5: 91.7
 R6: 94.2
 R7: 93.3
 R8: 82.3
 R9: 58.2
 R10: 87.7
 R11: 93.5
 R12: 81.7
 R13: 92.9
 R14: 97.6
 R15: 88.1



Test Conditions

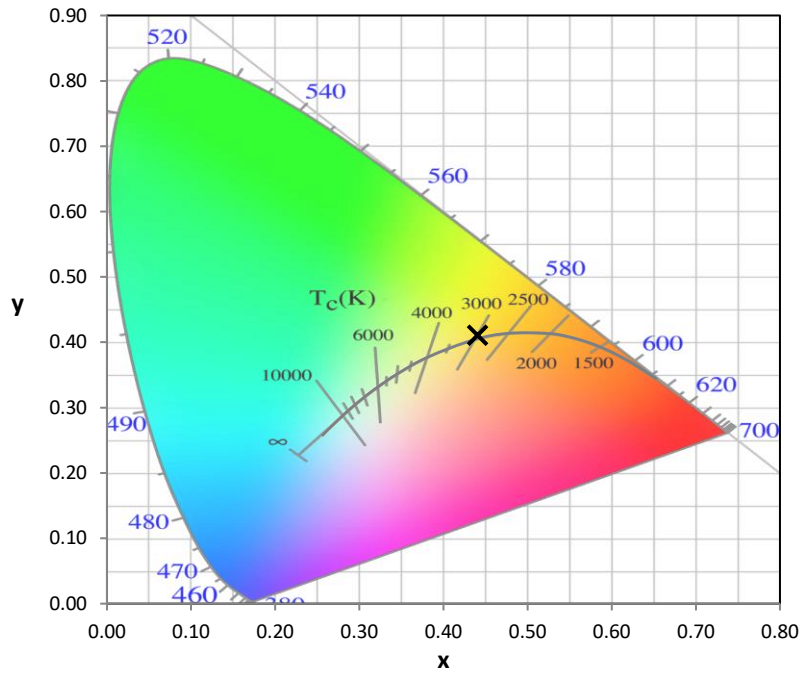
Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-14

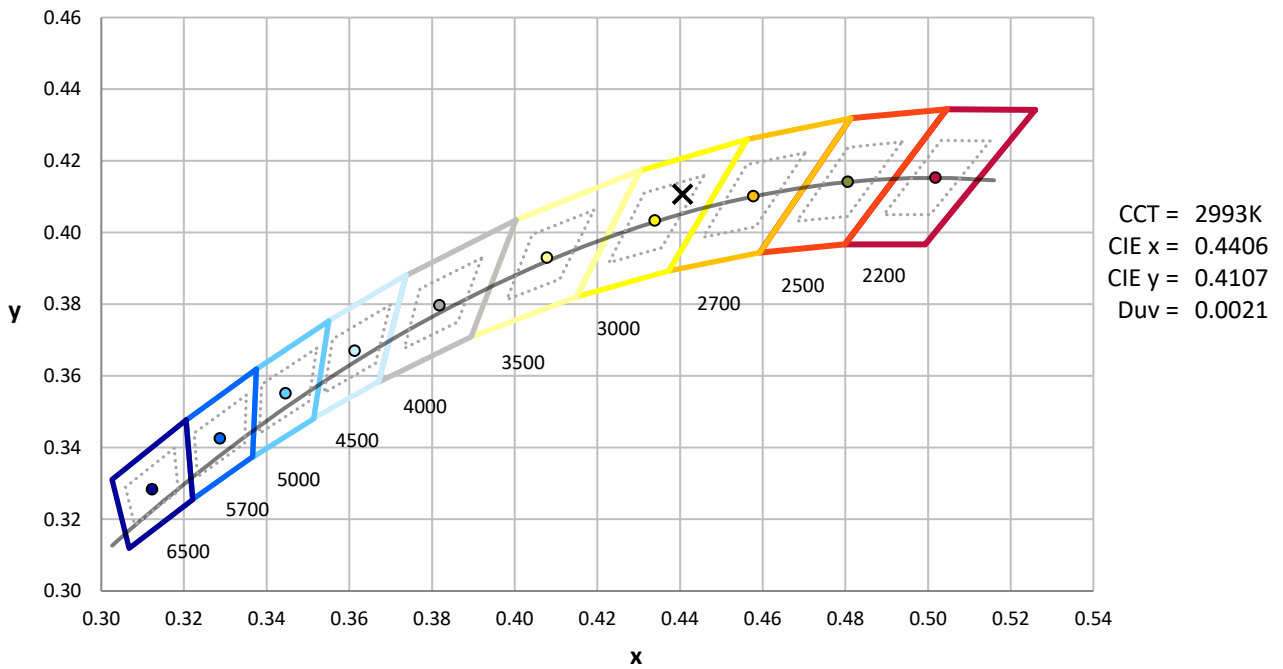
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-14

CIE 1931 Chromaticity Diagram

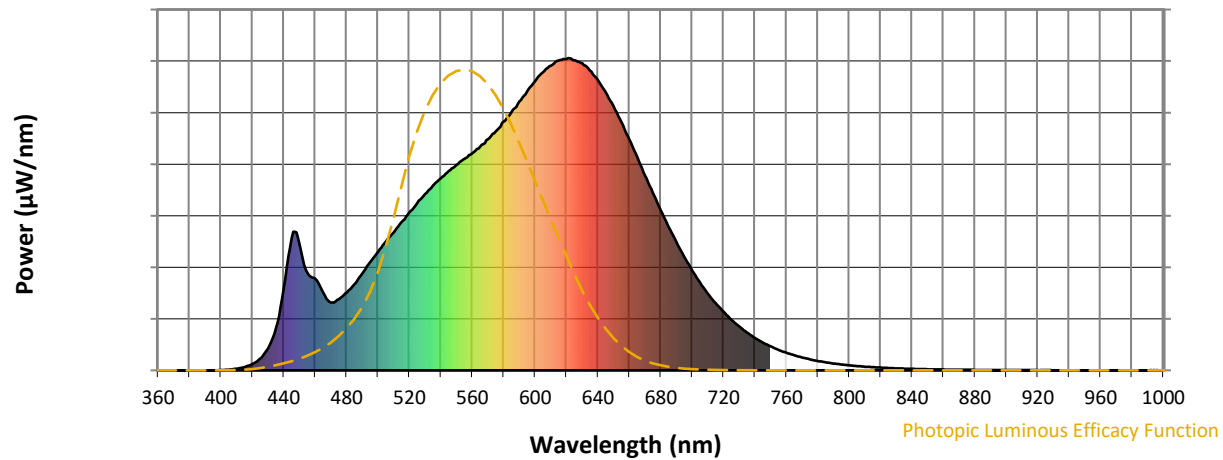


CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



REPORT NUMBER: SP1-2407-184-14

Photopic Flux vs. Wavelength

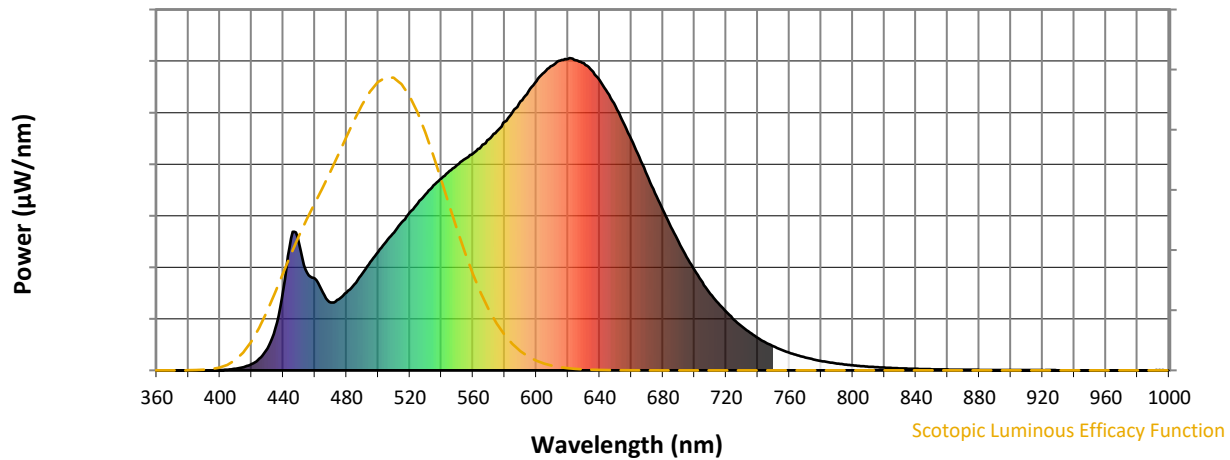


Photopic Lumens: NR

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Scotopic Flux vs. Wavelength



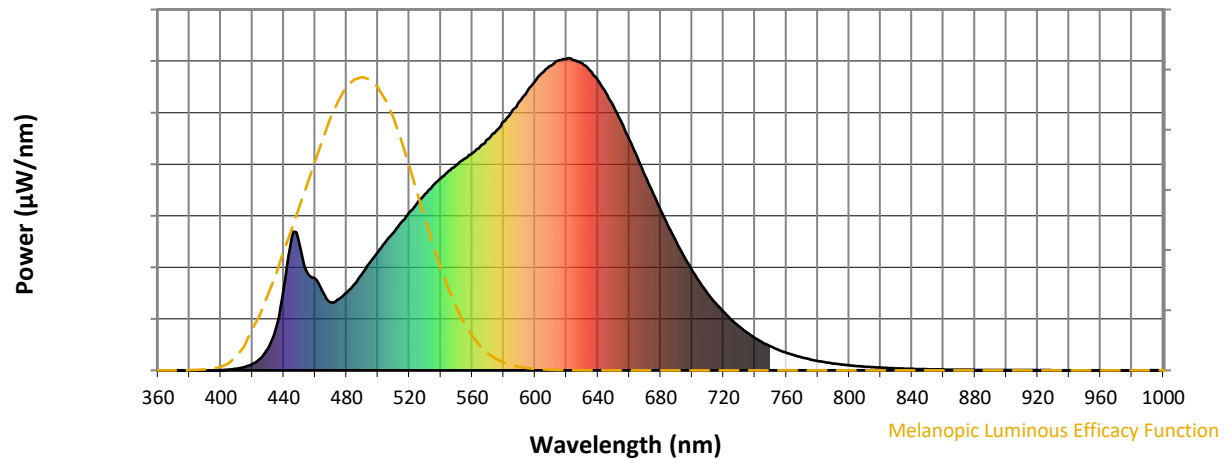
Scotopic Lumens: NR

S/P: 1.39

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	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.69

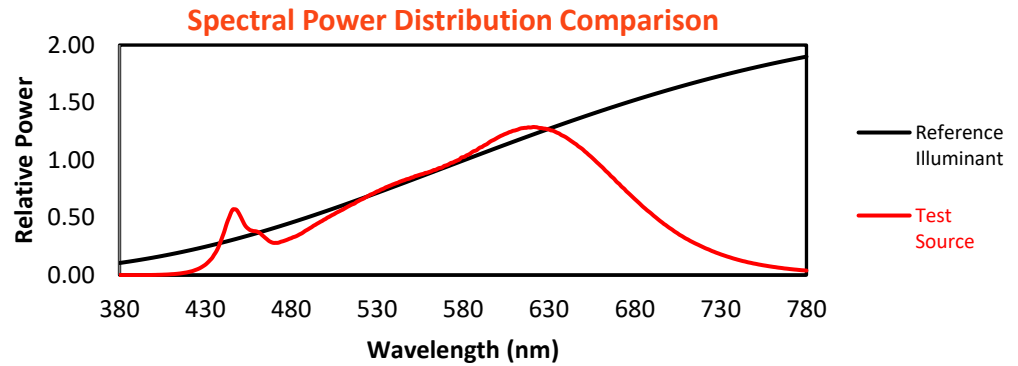
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	310	NR	620	998	NR	750	77	NR	880	2	NR
365	0	NR	495	347	NR	625	993	NR	755	66	NR	885	1	NR
370	0	NR	500	379	NR	630	983	NR	760	56	NR	890	1	NR
375	0	NR	505	412	NR	635	960	NR	765	48	NR	895	1	NR
380	0	NR	510	442	NR	640	930	NR	770	41	NR	900	1	NR
385	0	NR	515	475	NR	645	889	NR	775	35	NR	905	1	NR
390	0	NR	520	506	NR	650	846	NR	780	30	NR	910	1	NR
395	0	NR	525	535	NR	655	794	NR	785	26	NR	915	1	NR
400	1	NR	530	565	NR	660	740	NR	790	22	NR	920	1	NR
405	2	NR	535	592	NR	665	684	NR	795	19	NR	925	1	NR
410	6	NR	540	615	NR	670	624	NR	800	16	NR	930	0	NR
415	10	NR	545	638	NR	675	567	NR	805	14	NR	935	0	NR
420	20	NR	550	658	NR	680	513	NR	810	12	NR	940	0	NR
425	38	NR	555	678	NR	685	459	NR	815	10	NR	945	0	NR
430	70	NR	560	695	NR	690	412	NR	820	9	NR	950	0	NR
435	136	NR	565	716	NR	695	363	NR	825	8	NR	955	0	NR
440	262	NR	570	740	NR	700	320	NR	830	7	NR	960	0	NR
445	424	NR	575	765	NR	705	281	NR	835	6	NR	965	0	NR
450	406	NR	580	796	NR	710	245	NR	840	5	NR	970	0	NR
455	313	NR	585	827	NR	715	215	NR	845	4	NR	975	0	NR
460	294	NR	590	861	NR	720	188	NR	850	4	NR	980	0	NR
465	250	NR	595	894	NR	725	162	NR	855	3	NR	985	0	NR
470	217	NR	600	927	NR	730	140	NR	860	3	NR	990	0	NR
475	228	NR	605	954	NR	735	121	NR	865	2	NR	995	0	NR
480	249	NR	610	976	NR	740	104	NR	870	2	NR	1000	0	NR
485	276	NR	615	992	NR	745	89	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-14

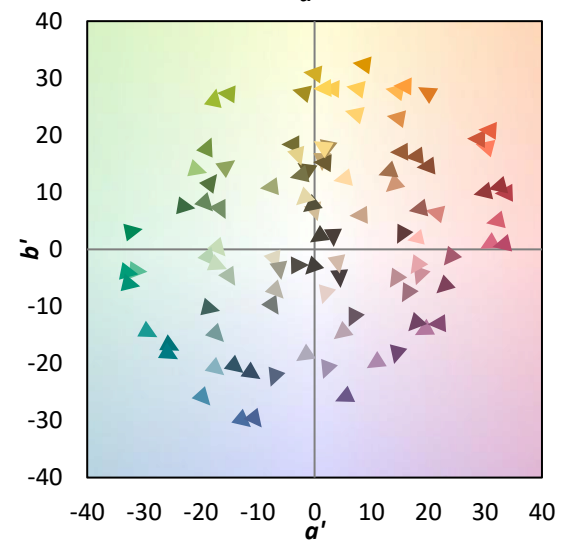
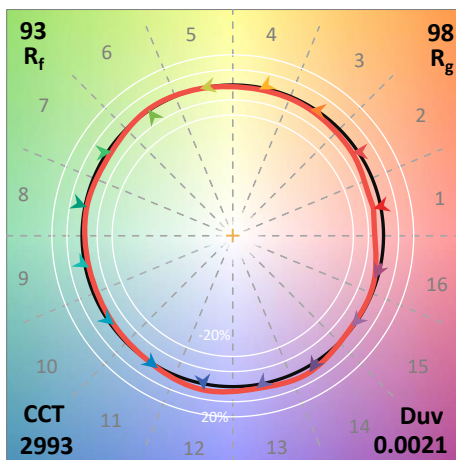
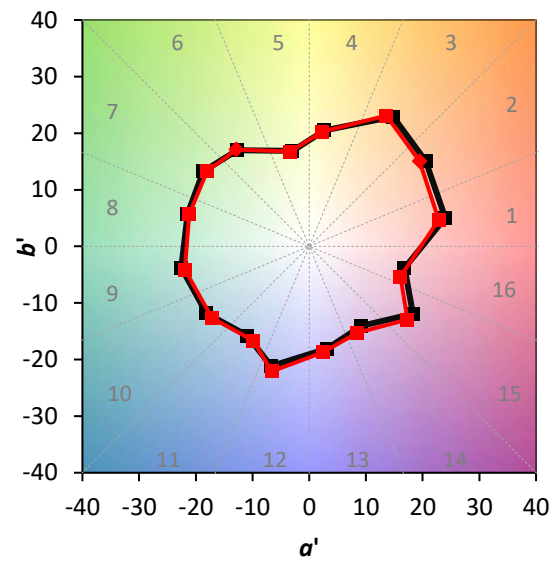
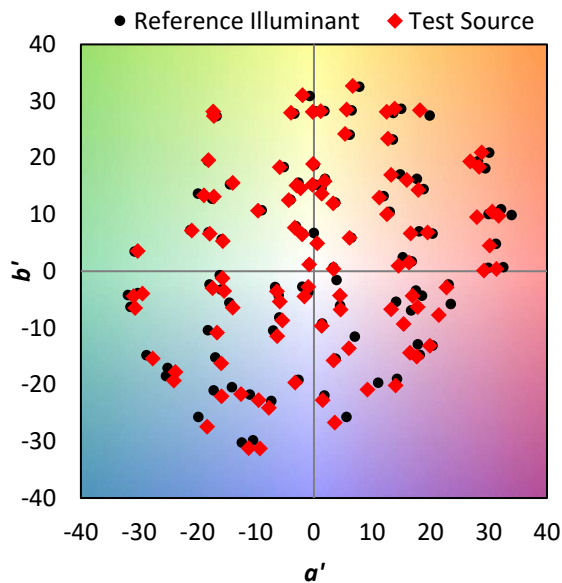
TM-30-18

Summary

$R_f = 92.6$
 $R_g = 98.5$
 $\text{CIE } R_a = 92.4$
 $R_9 = 58.2$

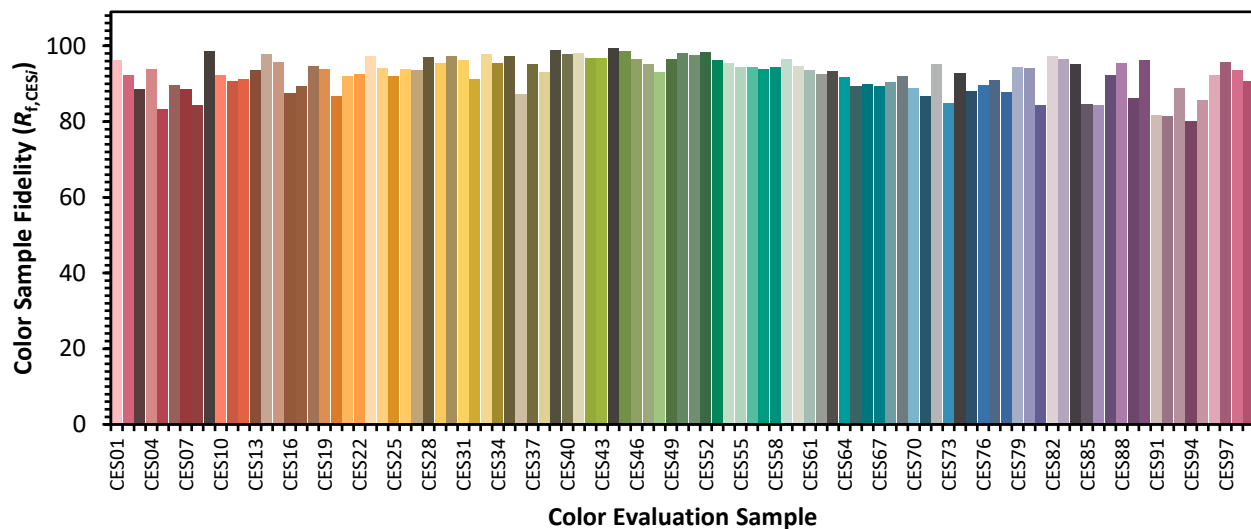


Color Vector Graphics

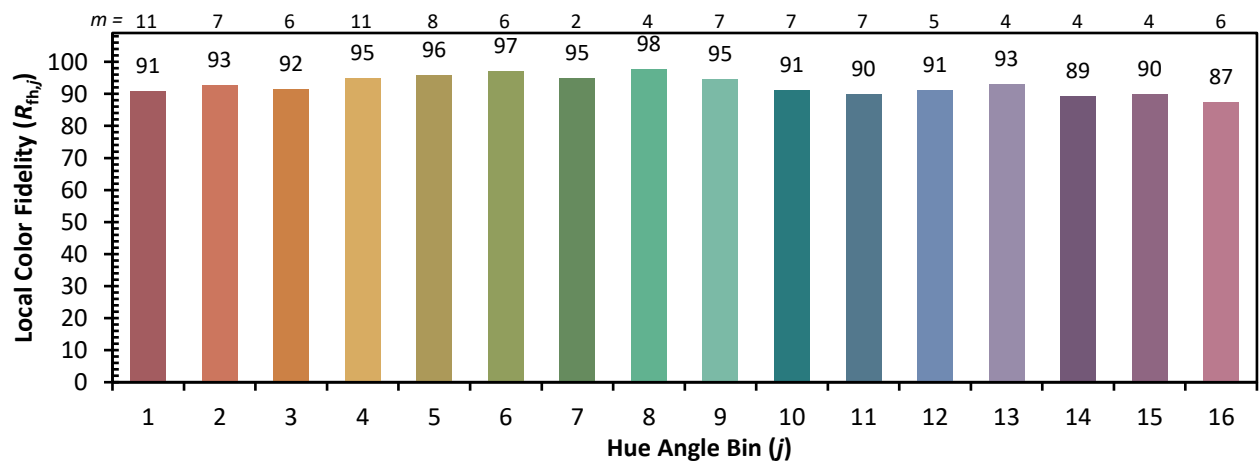
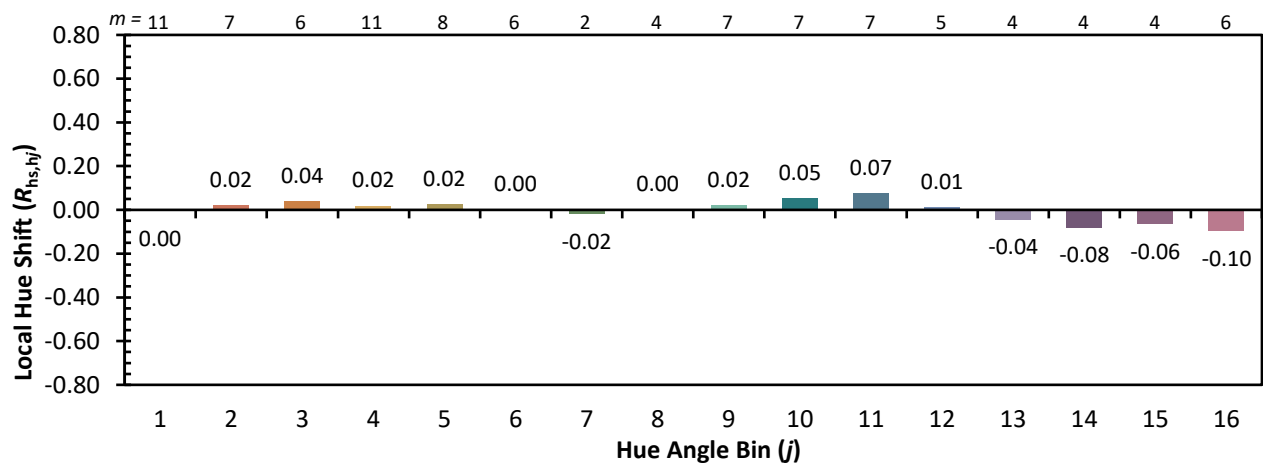
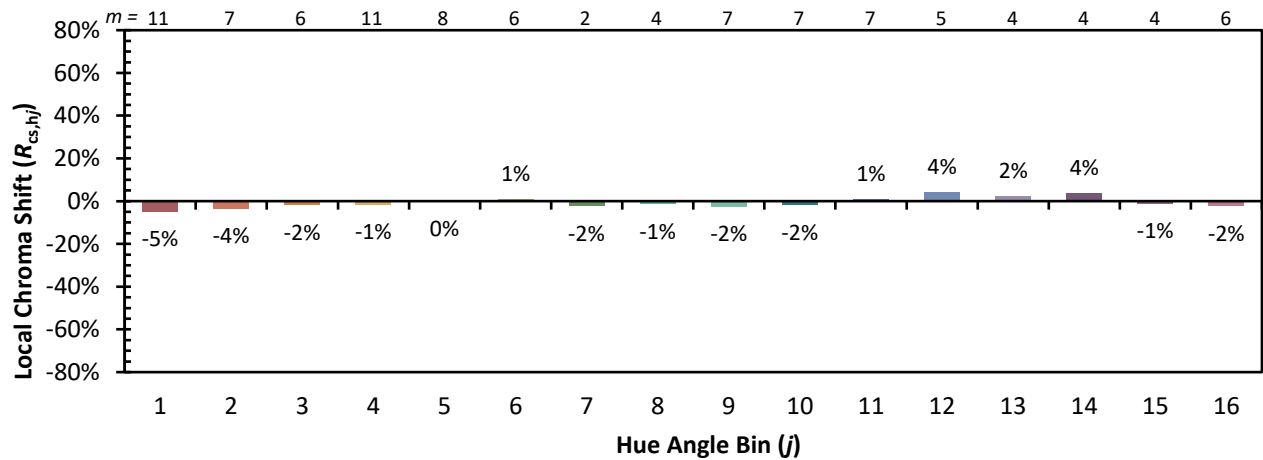


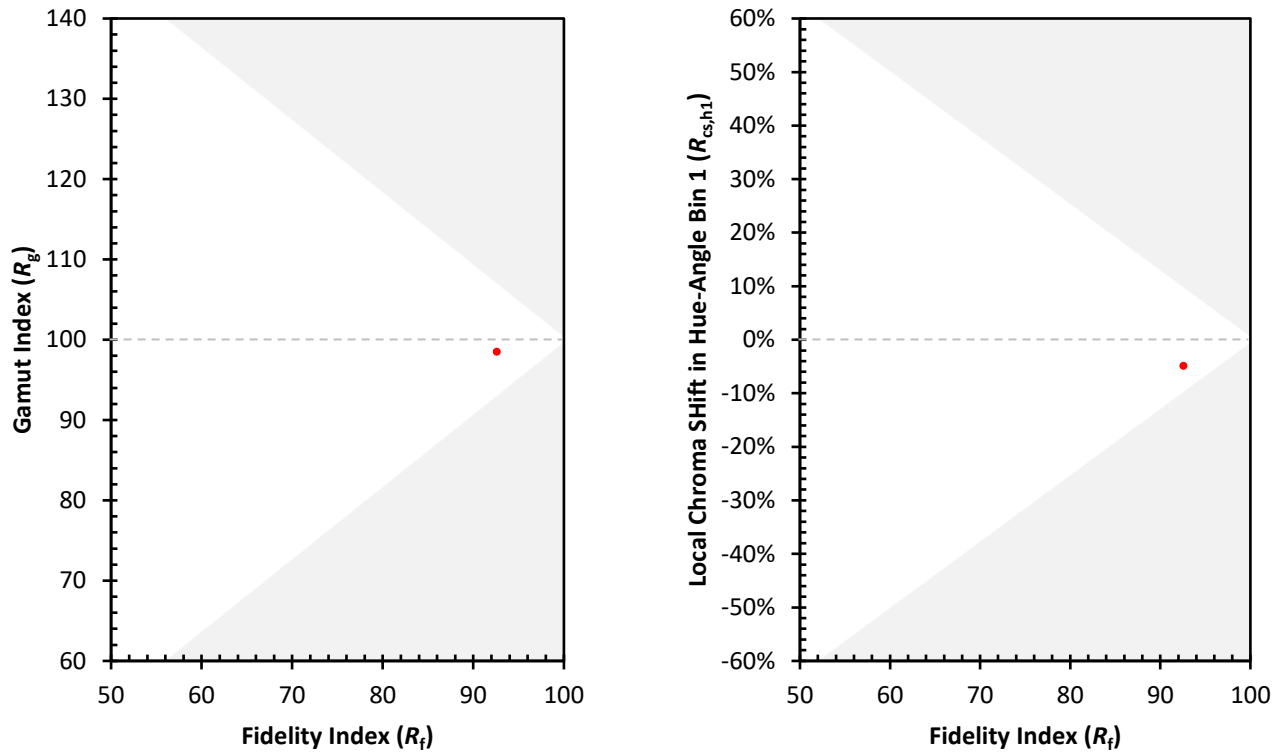
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 63	CES27 = 94	CES52 = 98	CES77 = 91
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 88
CES04 = 70	CES29 = 95	CES54 = 95	CES79 = 94
CES05 = 51	CES30 = 97	CES55 = 94	CES80 = 94
CES06 = 51	CES31 = 96	CES56 = 94	CES81 = 84
CES07 = 43	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 42	CES33 = 98	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 76	CES35 = 97	CES60 = 95	CES85 = 85
CES11 = 59	CES36 = 87	CES61 = 94	CES86 = 84
CES12 = 65	CES37 = 95	CES62 = 92	CES87 = 92
CES13 = 44	CES38 = 93	CES63 = 93	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 86
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 90	CES91 = 82
CES17 = 50	CES42 = 97	CES67 = 89	CES92 = 81
CES18 = 57	CES43 = 97	CES68 = 90	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 92	CES94 = 80
CES20 = 67	CES45 = 99	CES70 = 89	CES95 = 86
CES21 = 86	CES46 = 96	CES71 = 87	CES96 = 92
CES22 = 79	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 85	CES98 = 94
CES24 = 91	CES49 = 97	CES74 = 93	CES99 = 91
CES25 = 72	CES50 = 98	CES75 = 88	



Color Rendition by Hue-Angle Bin



Measure Comparisons


(END OF REPORT)