

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: P1048857

Luminaire Tested: **GALN-SA3A-740-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048857
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA3A-740-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (42) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10008.4 lumens
Efficiency: N/A
Efficacy: 123.0 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): 81.4
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

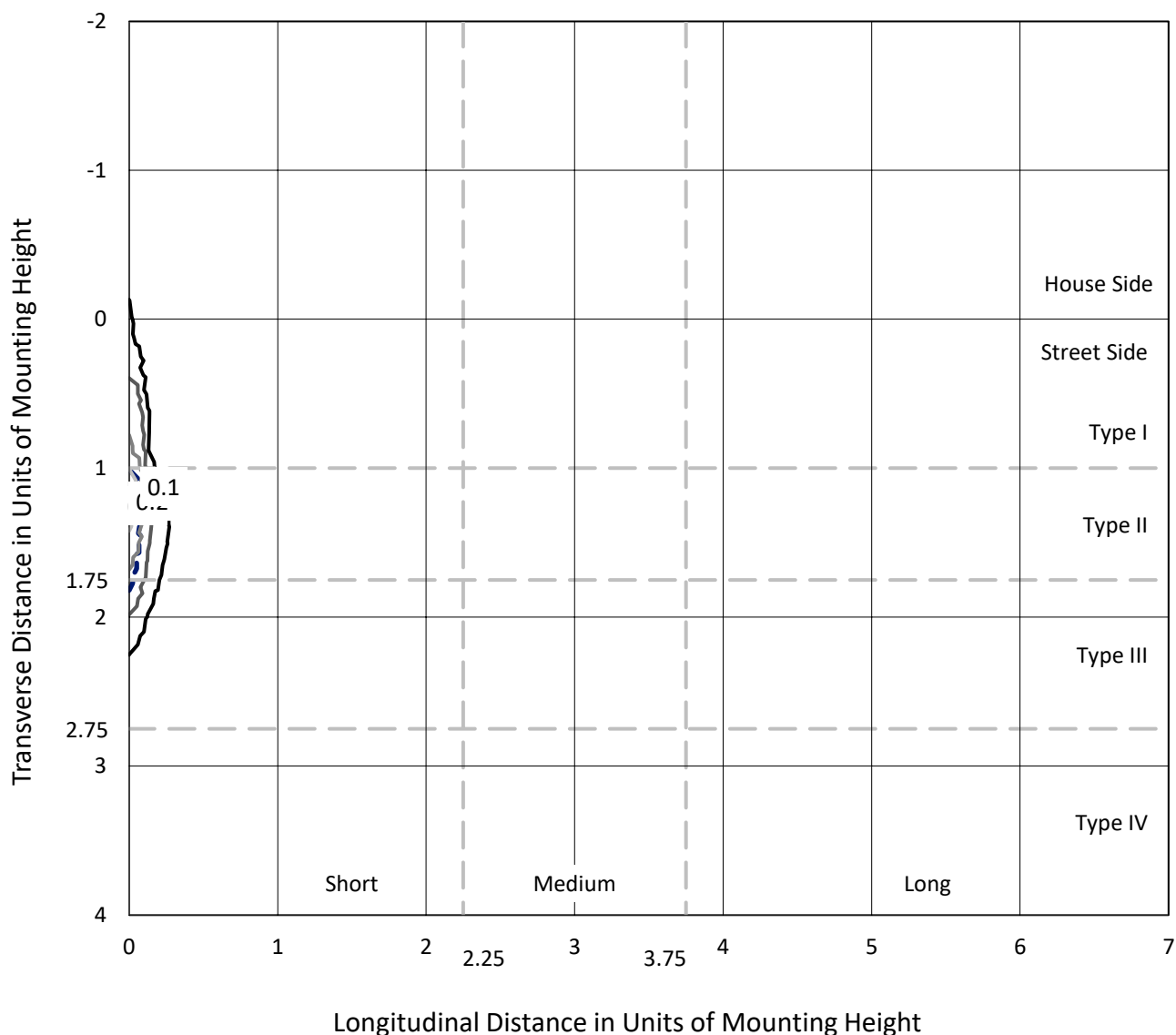
REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

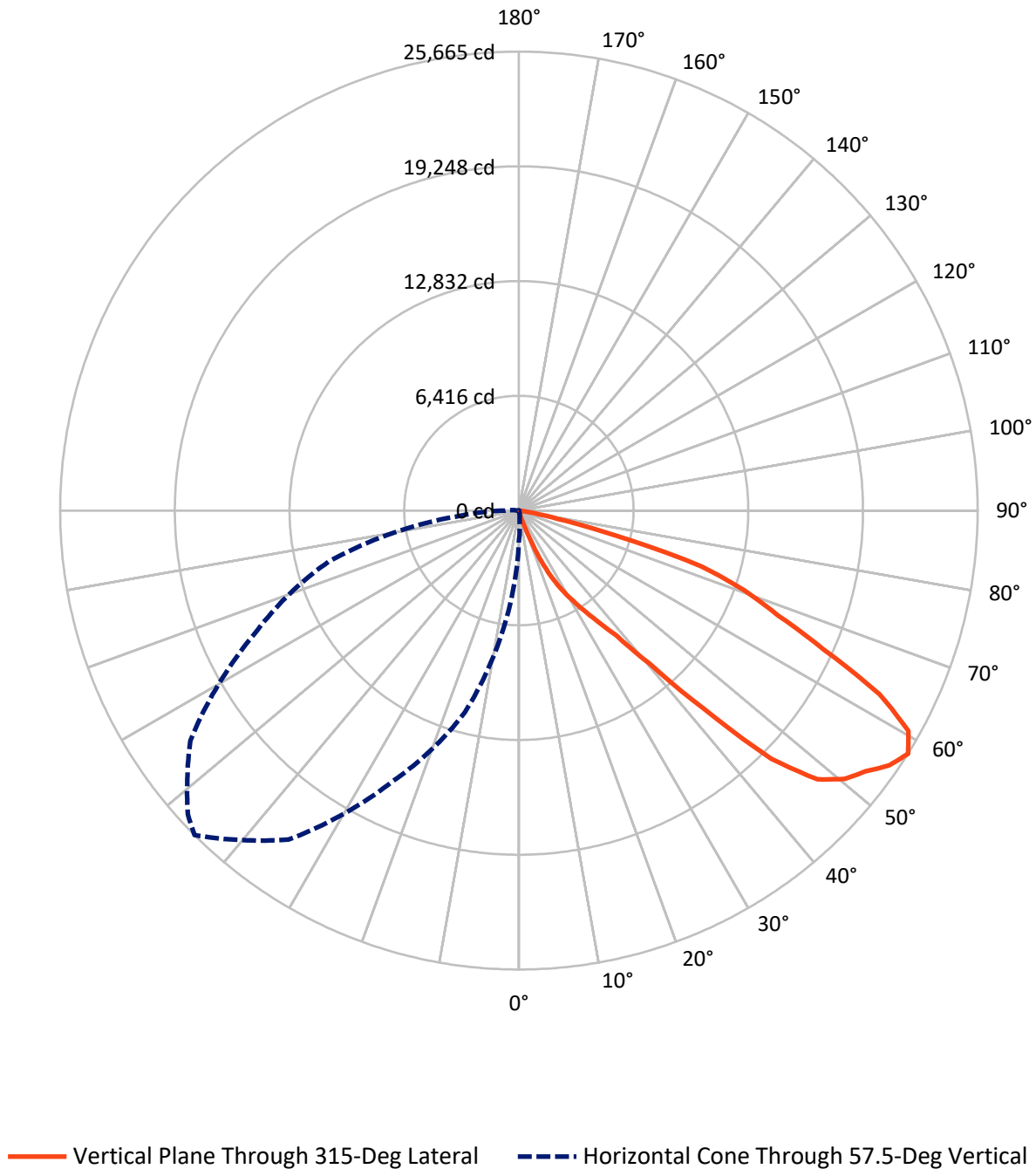


Based on 20 foot mounting height. Maximum calculated value = 1.5 fc

Type III - Short - N/A

REPORT NUMBER: P1048857
CATALOG NUMBER: GALN-SA3A-740-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	50.1	0.0	50.1
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	9958.3	0.0	9958.3
	% Fixture	99.5	0.0	99.5
Total	Lumens	10008.4	0.0	10008.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.9	0.0
10°-20°	22.0	0.2
20°-30°	237.2	2.4
30°-40°	701.4	7.0
40°-50°	2090.4	20.9
50°-60°	3314.6	33.1
60°-70°	2766.8	27.6
70°-80°	853.2	8.5
80°-90°	19.0	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°	10008.4	100.0
0°-180°	10008.4	100.0



REPORT NUMBER: P1048857

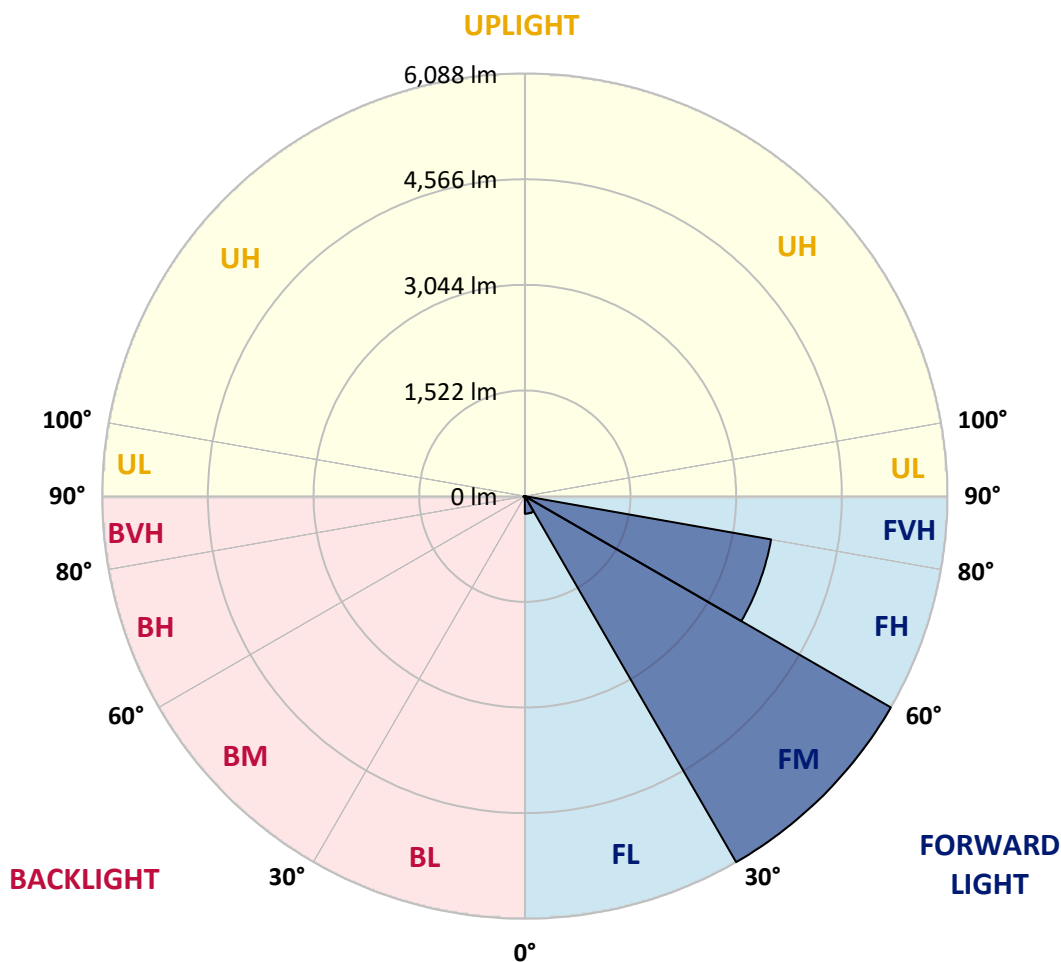
CATALOG NUMBER: GALN-SA3A-740-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	253.9	2.5			
FM	(30°-60°)	6088.4	60.8			
FH	(60°-80°)	3601.3	36.0			G2/5000
FVH	(80°-90°)	14.7	0.1			G1/100
BL	(0°-30°)	9.2	0.1	B0/110		
BM	(30°-60°)	17.9	0.2	B0/220		
BH	(60°-80°)	18.7	0.2	B0/110		G0/110
BVH	(80°-90°)	4.3	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



REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
2.5°	40.1	40.1	40.1	40.1	39.3	39.3	38.6	38.6	37.8	37.8
5°	42.4	42.4	41.6	40.8	40.8	40.1	39.3	38.6	38.6	37.8
7.5°	46.1	45.4	44.6	43.9	42.4	41.6	40.1	39.3	38.6	37.1
10°	50.7	49.2	47.6	46.1	44.6	43.1	41.6	40.8	39.3	38.6
12.5°	56.7	54.5	51.4	49.2	47.6	45.4	43.9	42.4	40.1	38.6
15°	62.0	59.0	55.2	52.2	49.9	46.9	44.6	42.4	40.8	38.6
17.5°	69.6	64.3	58.2	54.5	51.4	47.6	43.9	41.6	39.3	36.3
20°	82.4	71.9	60.5	56.0	51.4	46.9	42.4	39.3	37.1	34.0
22.5°	102.9	84.7	66.6	59.7	53.7	46.9	40.8	37.8	34.8	31.8
25°	142.2	109.7	77.1	68.1	59.0	49.9	40.8	37.1	34.0	30.3
27.5°	189.1	140.7	91.5	78.7	66.6	53.7	40.8	36.3	32.5	28.0
30°	236.7	172.4	107.4	90.8	74.1	57.5	40.8	35.5	31.0	25.7
32.5°	282.1	201.9	121.0	101.3	81.7	61.3	41.6	35.5	29.5	23.4
35°	328.2	226.1	123.3	102.9	82.4	61.3	40.8	34.0	28.0	21.2
37.5°	387.2	253.4	118.7	98.3	78.7	58.2	38.6	32.5	26.5	19.7
40°	476.5	298.7	121.0	99.8	78.7	57.5	36.3	30.3	25.0	18.9
42.5°	641.4	386.5	130.8	106.6	82.4	57.5	33.3	28.0	23.4	18.2
45°	1108.8	642.1	175.5	139.2	102.9	66.6	30.3	25.7	21.9	17.4
47.5°	1834.1	1074.7	315.4	243.5	172.4	100.6	29.5	25.7	21.9	17.4
50°	2340.8	1369.0	397.1	305.6	214.0	122.5	31.0	26.5	22.7	18.2
52.5°	2337.1	1390.1	442.5	339.6	237.5	134.6	32.5	28.0	24.2	19.7
55°	2077.6	1264.6	450.8	346.4	242.8	138.4	34.8	30.3	25.7	21.2
57.5°	1736.5	1074.0	411.4	318.4	226.1	133.1	40.1	34.8	30.3	25.0
60°	1373.5	847.1	320.7	253.4	186.8	119.5	52.9	46.1	40.1	33.3
62.5°	948.4	614.1	279.8	224.6	170.2	115.0	60.5	53.7	47.6	40.8
65°	670.9	462.1	252.6	205.7	159.6	112.7	65.8	58.2	51.4	43.9
67.5°	501.4	367.6	232.9	192.9	152.8	112.7	72.6	63.5	55.2	46.1
70°	384.2	301.8	218.6	186.1	154.3	121.8	89.2	76.4	64.3	51.4
72.5°	313.1	257.9	201.9	178.5	155.0	131.6	108.2	91.5	74.9	57.5
75°	259.4	220.8	182.3	162.6	143.7	124.0	104.4	89.2	74.9	59.7
77.5°	172.4	157.3	141.4	130.1	118.7	106.6	95.3	82.4	70.3	57.5
80°	60.5	58.2	56.0	60.5	65.0	69.6	74.1	65.0	56.7	47.6
82.5°	9.1	8.3	7.6	8.3	9.1	9.8	10.6	11.3	12.1	12.9
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
0.0	2.5°	37.1	37.1	36.3	36.3	36.3	35.5	35.5	34.8	34.8	34.8
0.0	5°	36.3	36.3	35.5	34.8	34.0	34.0	33.3	32.5	32.5	31.8
0.0	7.5°	35.5	34.8	34.0	33.3	32.5	31.8	31.0	30.3	30.3	29.5
0.0	10°	36.3	34.8	34.0	32.5	31.8	31.0	29.5	28.7	28.0	28.0
0.0	12.5°	34.8	34.0	32.5	31.0	30.3	28.7	28.0	26.5	25.7	25.7
0.0	15°	34.8	33.3	31.0	29.5	28.0	27.2	25.7	24.2	23.4	22.7
0.0	17.5°	32.5	31.0	28.7	27.2	25.7	24.2	22.7	21.2	20.4	19.7
0.0	20°	29.5	28.0	25.7	23.4	21.9	20.4	18.9	17.4	16.6	15.9
0.0	22.5°	26.5	25.0	22.7	20.4	18.9	17.4	15.1	13.6	12.9	11.3
0.0	25°	25.0	22.7	20.4	18.2	15.9	14.4	12.1	9.8	8.3	6.8
0.0	27.5°	21.2	18.9	16.6	14.4	12.1	9.8	7.6	5.3	3.8	3.0
0.0	30°	18.2	15.9	13.6	11.3	8.3	6.1	3.8	0.8	0.8	0.8
0.0	32.5°	15.1	12.9	9.8	7.6	6.1	3.8	2.3	0.0	0.0	0.0
0.0	35°	12.1	9.8	6.8	4.5	3.8	2.3	1.5	0.0	0.0	0.0
0.0	37.5°	10.6	8.3	5.3	2.3	1.5	1.5	0.8	0.0	0.0	0.0
0.0	40°	9.8	6.8	3.8	0.8	0.8	0.8	0.0	0.0	0.0	0.0
0.0	42.5°	9.8	6.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	9.8	6.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	9.8	6.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	10.6	7.6	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	12.1	9.1	6.1	3.0	2.3	1.5	0.8	0.0	0.0	0.0
0.0	55°	15.1	13.6	11.3	9.8	7.6	5.3	2.3	0.0	0.0	0.0
0.0	57.5°	19.7	19.7	18.9	18.2	13.6	9.1	4.5	0.0	0.0	0.0
0.0	60°	26.5	26.5	26.5	26.5	19.7	13.6	6.8	0.0	0.0	0.0
0.0	62.5°	32.5	31.0	28.7	27.2	20.4	13.6	6.8	0.0	0.0	0.0
0.0	65°	32.5	29.5	25.7	21.9	16.6	11.3	5.3	0.0	0.0	0.0
0.0	67.5°	30.3	24.2	17.4	11.3	8.3	6.1	3.0	0.0	0.0	0.0
	70°	30.3	21.2	12.1	3.0	2.3	1.5	0.8	0.0	0.0	0.0
	72.5°	30.3	20.4	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	33.3	22.7	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	33.3	22.7	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	29.5	19.7	9.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	9.8	6.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
0.0	2.5°	34.0	34.0	34.0	33.3	33.3	33.3	33.3	32.5	32.5	32.5
0.0	5°	31.0	31.0	30.3	30.3	29.5	29.5	28.7	28.7	28.0	28.0
0.0	7.5°	28.7	28.0	28.0	27.2	26.5	26.5	25.7	25.7	25.0	24.2
0.0	10°	26.5	25.7	25.7	25.0	24.2	23.4	23.4	22.7	21.9	21.2
0.0	12.5°	24.2	23.4	22.7	21.9	21.2	20.4	20.4	19.7	18.9	18.2
0.0	15°	21.2	20.4	19.7	18.9	18.2	17.4	17.4	16.6	15.9	15.1
0.0	17.5°	18.2	17.4	17.4	16.6	15.9	15.1	14.4	12.9	12.1	11.3
0.0	20°	13.6	12.9	12.1	11.3	10.6	9.1	8.3	6.8	5.3	4.5
0.0	22.5°	9.1	7.6	6.8	5.3	3.8	3.0	2.3	0.8	0.0	0.0
0.0	25°	3.0	2.3	1.5	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

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
0.0	2.5°	31.8	31.8	31.8	31.0	31.0	31.0	31.0	31.0	31.0	31.0
0.0	5°	27.2	27.2	27.2	26.5	26.5	25.7	25.7	25.7	25.0	25.0
0.0	7.5°	23.4	22.7	22.7	21.9	21.9	21.2	21.2	21.2	20.4	20.4
0.0	10°	19.7	18.9	18.9	18.2	18.2	17.4	17.4	16.6	16.6	15.9
0.0	12.5°	17.4	16.6	15.9	15.1	15.1	14.4	13.6	13.6	12.9	12.1
0.0	15°	13.6	12.9	12.1	11.3	10.6	9.8	9.1	9.1	8.3	7.6
0.0	17.5°	9.1	7.6	6.8	6.1	6.1	5.3	4.5	3.8	3.0	2.3
0.0	20°	2.3	1.5	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



REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-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°	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
0.0	2.5°	31.0	30.3	30.3	30.3	31.0	31.0	31.0	31.0	31.0	31.0
0.0	5°	25.0	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
0.0	7.5°	20.4	19.7	19.7	19.7	19.7	18.9	18.9	18.9	18.9	18.9
0.0	10°	15.9	15.1	15.1	15.1	15.1	14.4	14.4	14.4	14.4	14.4
0.0	12.5°	11.3	11.3	10.6	10.6	10.6	9.8	9.8	9.8	9.8	9.1
0.0	15°	6.8	6.1	5.3	5.3	5.3	4.5	4.5	4.5	4.5	3.8
0.0	17.5°	1.5	1.5	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
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: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
0.0	2.5°	31.8	31.8	32.5	32.5	33.3	34.8	35.5	36.3	37.8	39.3
0.0	5°	25.0	25.7	25.7	26.5	27.2	28.0	28.7	29.5	31.0	32.5
0.0	7.5°	19.7	19.7	20.4	20.4	21.2	22.7	23.4	24.2	25.7	28.0
0.0	10°	15.1	15.1	15.9	15.9	16.6	18.2	18.9	19.7	21.2	23.4
0.0	12.5°	9.8	10.6	10.6	11.3	12.1	13.6	14.4	15.1	16.6	18.2
0.0	15°	4.5	5.3	5.3	6.1	6.8	8.3	9.1	9.8	11.3	13.6
0.0	17.5°	0.8	0.8	1.5	1.5	2.3	3.0	3.8	4.5	6.8	8.3
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.0
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-SA3A-740-U-RBC

[illegible]

REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-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°	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
0.0	2.5°	41.6	43.1	44.6	46.1	47.6	49.2	49.9	51.4	52.2	52.9
0.0	5°	35.5	37.1	39.3	40.8	42.4	43.9	45.4	46.1	46.9	47.6
0.0	7.5°	31.0	32.5	34.8	36.3	37.8	39.3	40.8	42.4	43.1	43.9
0.0	10°	26.5	28.7	30.3	32.5	34.0	35.5	37.1	38.6	40.1	40.8
0.0	12.5°	21.2	23.4	25.7	27.2	29.5	31.8	33.3	34.8	36.3	37.8
0.0	15°	16.6	18.9	21.2	22.7	25.0	27.2	29.5	31.0	32.5	34.0
0.0	17.5°	12.1	14.4	16.6	18.2	20.4	22.7	24.2	26.5	28.0	29.5
0.0	20°	6.1	8.3	10.6	12.9	15.1	17.4	18.9	21.2	22.7	24.2
0.0	22.5°	0.8	3.0	5.3	6.8	9.1	11.3	12.9	15.1	16.6	18.2
0.0	25°	0.0	0.8	2.3	3.0	3.8	5.3	6.8	8.3	9.8	11.3
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.8	1.5	3.0	4.5	6.1
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
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	1.5
	85°	0.0	0.0	0.0	0.0	0.0	1.5	2.3	3.8	4.5	5.3
	87.5°	0.0	0.8	1.5	2.3	3.0	4.5	6.1	7.6	8.3	9.1
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
43.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.6	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
0.8											
3.0											
6.8											
9.8											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
0.0	2.5°	53.7	53.7	53.7	53.7	52.9	52.9	52.9	52.2	52.2	51.4
0.0	5°	49.2	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.2	49.2
0.0	7.5°	45.4	46.1	46.9	46.9	47.6	47.6	47.6	46.9	46.9	46.1
0.0	10°	43.1	43.9	43.9	44.6	44.6	44.6	44.6	44.6	44.6	44.6
0.0	12.5°	40.1	40.8	41.6	41.6	42.4	42.4	42.4	42.4	41.6	41.6
0.0	15°	36.3	37.8	38.6	39.3	39.3	40.1	40.1	40.1	40.1	40.1
0.0	17.5°	33.3	34.8	35.5	36.3	36.3	37.1	37.1	37.8	37.8	37.8
0.0	20°	27.2	28.7	29.5	31.0	31.8	32.5	33.3	34.0	34.0	34.8
0.0	22.5°	21.2	22.7	23.4	25.0	25.7	26.5	27.2	28.0	28.7	29.5
0.0	25°	15.1	16.6	17.4	18.9	19.7	20.4	21.2	21.9	21.9	22.7
0.0	27.5°	8.3	9.8	11.3	12.1	13.6	14.4	15.1	15.9	16.6	17.4
0.0	30°	3.8	4.5	5.3	6.8	7.6	8.3	9.1	10.6	11.3	12.1
0.0	32.5°	0.0	0.0	0.8	2.3	3.0	3.8	4.5	5.3	5.3	6.1
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.5	2.3	3.0
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°	1.5	1.5	1.5	2.3	2.3	2.3	2.3	2.3	2.3	2.3
	82.5°	3.8	4.5	5.3	5.3	6.1	6.1	6.1	6.1	5.3	5.3
	85°	7.6	8.3	9.1	9.1	9.8	9.8	9.8	9.8	9.8	9.8
	87.5°	10.6	11.3	12.1	12.1	12.9	12.9	12.9	12.9	12.9	12.9
	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: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
43.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.6	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.1	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.9	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.5	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											
0.0											
0.0											
2.3											
5.3											
9.8											
12.9											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-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°	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
0.0	2.5°	50.7	50.7	49.9	49.9	49.9	49.9	49.9	50.7	51.4	51.4
0.0	5°	48.4	48.4	47.6	47.6	47.6	48.4	48.4	49.2	49.9	50.7
0.0	7.5°	46.1	45.4	45.4	46.1	46.1	46.9	46.9	47.6	48.4	49.2
0.0	10°	44.6	43.9	43.9	43.9	44.6	44.6	45.4	46.1	46.9	47.6
0.0	12.5°	41.6	41.6	41.6	41.6	42.4	42.4	43.1	43.9	45.4	46.1
0.0	15°	40.1	39.3	39.3	39.3	39.3	40.1	40.1	41.6	43.1	43.9
0.0	17.5°	37.1	37.1	36.3	36.3	37.1	37.1	37.8	39.3	40.8	41.6
0.0	20°	34.0	33.3	32.5	32.5	33.3	33.3	34.0	35.5	37.1	37.8
0.0	22.5°	29.5	28.7	28.7	28.7	28.7	29.5	29.5	31.0	33.3	34.8
0.0	25°	23.4	24.2	24.2	25.0	25.0	25.7	26.5	28.0	30.3	31.8
0.0	27.5°	18.2	18.9	18.9	20.4	21.2	21.9	22.7	25.0	27.2	28.7
0.0	30°	13.6	14.4	15.1	15.9	17.4	18.9	20.4	22.7	25.0	26.5
0.0	32.5°	8.3	9.8	10.6	12.1	13.6	15.1	16.6	18.9	21.9	24.2
0.0	35°	6.1	6.8	8.3	9.1	10.6	12.1	13.6	16.6	18.9	21.9
0.0	37.5°	3.0	4.5	6.1	7.6	9.1	10.6	12.1	15.1	18.2	20.4
0.0	40°	2.3	3.8	4.5	6.1	8.3	9.8	11.3	14.4	17.4	20.4
0.0	42.5°	1.5	2.3	3.0	5.3	6.8	9.1	11.3	14.4	17.4	20.4
0.0	45°	1.5	1.5	2.3	4.5	6.8	9.8	12.1	15.1	17.4	20.4
0.0	47.5°	1.5	2.3	3.0	6.1	7.6	9.8	12.1	14.4	17.4	19.7
0.0	50°	2.3	3.0	3.8	6.8	8.3	10.6	12.1	15.1	17.4	20.4
0.0	52.5°	1.5	2.3	3.0	6.1	8.3	11.3	13.6	16.6	19.7	21.9
0.0	55°	0.8	0.8	0.8	4.5	9.1	12.9	17.4	19.7	22.7	25.0
0.0	57.5°	0.0	0.0	0.0	3.0	9.1	14.4	19.7	22.7	25.7	28.0
0.0	60°	0.0	0.0	0.0	3.0	9.1	14.4	19.7	23.4	27.2	31.0
0.0	62.5°	0.0	0.0	0.0	3.0	7.6	12.1	16.6	22.7	29.5	35.5
0.0	65°	0.0	0.0	0.0	2.3	6.1	9.8	13.6	22.7	31.8	40.1
0.0	67.5°	0.0	0.0	0.0	2.3	6.1	9.1	12.9	22.7	31.8	41.6
	70°	0.0	0.0	0.0	2.3	6.1	9.8	13.6	22.7	31.8	40.8
	72.5°	0.0	0.0	0.0	2.3	6.8	10.6	15.1	22.7	30.3	37.8
	75°	0.0	0.0	0.0	3.0	6.8	11.3	15.9	22.7	29.5	35.5
	77.5°	0.0	0.0	0.0	2.3	6.8	10.6	15.1	21.9	28.7	34.8
	80°	2.3	1.5	1.5	3.8	6.8	9.8	12.9	19.7	27.2	34.0
	82.5°	4.5	4.5	3.8	5.3	6.8	9.1	11.3	17.4	24.2	30.3
	85°	9.1	9.1	8.3	9.1	9.1	9.8	10.6	13.6	16.6	19.7
	87.5°	12.1	12.1	11.3	11.3	11.3	10.6	10.6	10.6	10.6	9.8
	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: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
43.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.3	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27.2	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.2	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.9											
45.4											
42.4											
41.6											
40.8											
36.3											
22.7											
9.8											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
0.0	2.5°	52.9	53.7	53.7	54.5	55.2	56.0	56.0	56.7	56.7	56.7
0.0	5°	52.2	53.7	54.5	55.2	56.0	56.7	57.5	58.2	59.0	59.0
0.0	7.5°	51.4	52.2	53.7	54.5	56.0	56.7	58.2	59.0	59.7	60.5
0.0	10°	49.9	51.4	52.9	54.5	56.0	57.5	59.0	60.5	62.0	62.8
0.0	12.5°	48.4	50.7	52.2	53.7	56.0	58.2	59.7	62.0	63.5	65.0
0.0	15°	47.6	49.2	51.4	52.9	56.0	59.0	61.3	64.3	67.3	69.6
0.0	17.5°	45.4	48.4	50.7	52.9	56.0	59.7	62.8	65.8	70.3	74.9
0.0	20°	42.4	44.6	47.6	49.9	54.5	58.2	62.8	66.6	73.4	80.2
0.0	22.5°	39.3	42.4	44.6	47.6	52.9	57.5	62.8	67.3	78.7	89.2
0.0	25°	36.3	40.1	43.1	46.1	52.2	58.2	64.3	70.3	89.2	108.2
0.0	27.5°	34.8	37.8	41.6	44.6	52.2	60.5	68.1	75.6	105.9	135.4
0.0	30°	32.5	36.3	39.3	43.1	52.9	62.8	72.6	82.4	128.6	174.7
0.0	32.5°	30.3	34.0	37.8	41.6	54.5	67.3	79.4	92.3	152.8	212.5
0.0	35°	28.0	32.5	36.3	40.1	56.7	74.1	90.8	107.4	174.7	241.3
0.0	37.5°	27.2	31.8	35.5	39.3	57.5	74.9	93.0	110.4	177.0	243.5
0.0	40°	28.0	31.8	36.3	40.1	55.2	70.3	84.7	99.8	169.4	238.2
0.0	42.5°	28.0	32.5	37.1	41.6	53.7	65.8	77.9	90.0	167.1	244.3
0.0	45°	27.2	31.8	36.3	40.8	52.2	62.8	74.1	84.7	180.8	276.1
0.0	47.5°	26.5	31.0	35.5	40.1	51.4	62.8	74.1	85.5	233.7	381.2
0.0	50°	26.5	31.0	34.8	38.6	52.2	66.6	80.2	93.8	340.3	586.2
0.0	52.5°	28.0	31.8	34.8	37.8	53.7	70.3	86.2	102.1	432.6	762.4
0.0	55°	30.3	32.5	35.5	37.8	57.5	76.4	96.1	115.0	460.6	806.2
0.0	57.5°	33.3	35.5	37.8	40.1	64.3	88.5	111.9	136.1	462.9	788.8
0.0	60°	37.1	40.1	42.4	44.6	70.3	96.8	122.5	148.2	419.0	689.0
0.0	62.5°	45.4	49.2	52.2	56.0	80.9	105.1	130.1	154.3	347.9	541.5
0.0	65°	52.2	55.2	58.2	61.3	85.5	110.4	134.6	158.8	295.0	431.1
0.0	67.5°	53.7	56.7	59.0	62.0	87.0	111.9	136.1	161.1	252.6	343.4
	70°	54.5	58.2	62.8	66.6	92.3	118.0	142.9	168.7	223.9	279.1
	72.5°	52.2	59.7	66.6	73.4	97.6	121.0	145.2	168.7	208.0	247.3
	75°	52.2	62.8	72.6	82.4	100.6	118.0	136.1	153.5	183.8	214.0
	77.5°	55.2	68.8	82.4	96.1	106.6	116.5	127.1	136.9	156.6	176.2
	80°	55.2	69.6	83.2	97.6	102.1	107.4	111.9	116.5	118.7	121.0
	82.5°	47.6	59.0	70.3	81.7	76.4	71.1	65.8	60.5	56.7	52.2
	85°	24.2	26.5	28.0	29.5	27.2	25.0	22.7	20.4	18.9	16.6
	87.5°	9.8	9.8	9.1	9.1	9.1	9.1	8.3	8.3	8.3	8.3
	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: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
43.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.3	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
223.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
303.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
378.9	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
430.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
468.9	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
507.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
583.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
734.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1119.4	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1714.6	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2158.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2207.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992.2	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1703.2	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1331.1	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1005.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
742.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
525.6											
391.0											
284.4											
214.0											
120.3											
54.5											
15.9											
7.6											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											



REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-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°	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
0.0	2.5°	56.7	56.0	56.0	55.2	54.5	53.7	52.9	52.2	51.4	50.7
0.0	5°	59.0	59.0	59.0	58.2	58.2	57.5	57.5	56.7	56.0	55.2
0.0	7.5°	61.3	62.0	62.0	62.8	62.8	62.8	62.8	62.0	62.0	62.0
0.0	10°	65.0	65.8	66.6	67.3	68.1	68.8	68.8	69.6	69.6	69.6
0.0	12.5°	69.6	71.9	73.4	75.6	77.1	79.4	80.9	83.2	84.7	86.2
0.0	15°	76.4	80.2	84.7	88.5	92.3	97.6	103.6	108.9	114.2	122.5
0.0	17.5°	86.2	98.3	110.4	121.8	133.9	160.3	186.8	212.5	239.0	277.6
0.0	20°	105.1	141.4	177.0	213.3	248.8	341.9	434.1	527.2	619.4	718.5
0.0	22.5°	147.5	236.7	326.0	415.2	504.5	698.8	892.5	1086.8	1280.5	1508.1
0.0	25°	214.0	378.2	542.3	705.7	869.8	1173.8	1478.6	1782.7	2086.7	2382.4
0.0	27.5°	311.6	562.7	813.8	1064.2	1315.3	1727.5	2140.4	2552.6	2964.8	3299.1
0.0	30°	431.9	772.2	1112.6	1452.9	1793.3	2262.2	2731.1	3199.3	3668.2	4033.5
0.0	32.5°	545.3	962.0	1378.8	1794.8	2211.5	2745.5	3280.2	3814.2	4348.1	4747.5
0.0	35°	619.4	1123.1	1627.6	2131.3	2635.0	3212.9	3790.7	4367.8	4945.6	5401.7
0.0	37.5°	693.6	1275.2	1856.0	2437.6	3018.5	3653.1	4287.6	4922.2	5556.7	6120.2
0.0	40°	776.7	1459.0	2140.4	2822.6	3504.1	4255.9	5006.9	5758.7	6509.7	7304.6
0.0	42.5°	921.2	1763.8	2607.1	3449.6	4292.2	5286.7	6281.3	7275.1	8269.7	9404.2
0.0	45°	1192.7	2380.2	3568.4	4755.8	5943.2	7260.7	8579.0	9896.5	11214.1	12723.7
0.0	47.5°	1857.5	3491.2	5124.1	6757.8	8390.7	9813.3	11235.2	12657.9	14079.8	15583.4
0.0	50°	2842.3	4743.7	6645.1	8545.7	10447.1	11734.4	13020.9	14308.2	15594.7	17024.9
0.0	52.5°	3554.7	5535.6	7517.1	9498.0	11478.8	12640.5	13803.0	14964.7	16126.4	17462.8
0.0	55°	3608.4	5577.9	7548.1	9517.6	11487.1	12654.1	13821.1	14988.1	16155.2	17571.8
0.0	57.5°	3194.7	5148.3	7101.2	9054.8	11007.6	12336.5	13664.6	14993.4	16321.5	17853.1
0.0	60°	2717.5	4671.8	6625.4	8579.8	10533.4	12064.2	13595.7	15126.5	16657.4	18092.1
0.0	62.5°	2120.0	4130.3	6141.4	8151.7	10162.0	11716.3	13270.5	14824.0	16378.3	17454.5
0.0	65°	1580.0	3532.0	5484.1	7435.5	9387.5	10632.5	11877.4	13121.5	14366.4	15032.8
0.0	67.5°	1142.1	2825.6	4508.5	6192.1	7874.9	8765.8	9656.8	10547.0	11437.9	11947.7
	70°	772.2	1938.5	3104.0	4270.2	5435.7	6167.8	6900.7	7632.9	8365.0	9053.2
	72.5°	534.7	1189.7	1845.4	2500.4	3155.4	3892.1	4628.0	5364.6	6100.5	6828.9
	75°	354.7	652.7	951.5	1249.5	1547.4	2092.8	2638.8	3184.1	3729.5	4163.6
	77.5°	251.9	341.1	431.1	520.4	609.6	711.7	814.6	916.7	1018.8	1173.8
	80°	119.5	130.8	142.2	152.8	164.1	201.2	238.2	275.3	312.4	351.7
	82.5°	56.7	61.3	65.8	69.6	74.1	77.9	81.7	85.5	89.2	85.5
	85°	15.1	15.1	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.1
	87.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.1	6.1	5.3
	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: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
43.9	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.5	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.0	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
315.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
818.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1735.8	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2678.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3633.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4399.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5147.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5857.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6684.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8099.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10538.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14233.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17086.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18455.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18799.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18989.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19384.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19526.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18531.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15699.8	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12458.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9740.7											
7557.2											
4597.7											
1328.9											
391.0											
80.9											
14.4											
5.3											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
0.0	2.5°	49.2	48.4	47.6	46.9	46.1	44.6	44.6	43.9	43.9
0.0	5°	53.7	52.9	52.2	51.4	51.4	50.7	49.9	49.9	49.2
0.0	7.5°	61.3	60.5	59.7	59.0	59.0	58.2	58.2	57.5	57.5
0.0	10°	70.3	70.3	70.3	70.3	70.3	69.6	69.6	69.6	68.8
0.0	12.5°	88.5	89.2	90.8	92.3	94.5	94.5	94.5	93.8	93.8
0.0	15°	139.9	148.2	154.3	160.3	165.6	177.7	176.2	174.0	172.4
0.0	17.5°	354.0	391.8	412.2	431.9	452.3	508.3	499.2	490.1	481.8
0.0	20°	917.4	1016.5	1082.3	1148.1	1214.7	1319.8	1294.1	1268.4	1242.6
0.0	22.5°	1962.7	2190.3	2289.4	2388.5	2486.8	2613.9	2531.4	2449.0	2367.3
0.0	25°	2973.1	3268.8	3436.0	3603.1	3769.5	3842.1	3734.7	3626.6	3519.2
0.0	27.5°	3967.7	4302.0	4449.5	4596.2	4743.7	4895.7	4762.6	4628.7	4495.6
0.0	30°	4764.9	5130.2	5289.8	5448.6	5608.2	5714.1	5576.4	5438.0	5300.3
0.0	32.5°	5546.9	5946.2	6121.0	6295.7	6469.6	6621.6	6452.2	6282.1	6112.6
0.0	35°	6313.1	6769.1	7009.6	7250.2	7490.7	7632.1	7430.9	7229.0	7027.8
0.0	37.5°	7247.9	7811.3	8080.6	8349.9	8619.1	8877.0	8655.4	8433.1	8211.4
0.0	40°	8894.4	9689.3	10102.3	10516.0	10928.9	11261.7	10981.9	10702.0	10422.2
0.0	42.5°	11673.2	12807.6	13401.4	13994.3	14588.0	15107.6	14813.4	14519.2	14225.0
0.0	45°	15743.0	17252.6	17976.4	18699.4	19423.2	19802.9	19379.4	18955.1	18531.5
0.0	47.5°	18589.8	20093.3	20737.7	21382.1	22026.5	22459.9	21941.8	21423.7	20906.4
0.0	50°	19884.6	21314.8	21961.5	22607.4	23254.0	23598.2	22999.9	22400.9	21802.6
0.0	52.5°	20134.9	21471.4	22242.8	23015.0	23786.5	24246.3	23539.9	22832.8	22126.4
0.0	55°	20405.7	21822.3	22717.0	23612.5	24507.3	25144.1	24345.4	23546.0	22747.3
0.0	57.5°	20915.5	22447.0	23339.5	24231.2	25123.7	25664.5	24863.5	24061.8	23260.8
0.0	60°	20960.9	22394.9	23161.8	23929.4	24696.4	25036.7	24270.5	23503.6	22737.5
0.0	62.5°	19607.8	20684.0	21216.5	21748.9	22281.4	22651.2	21851.8	21051.6	20252.2
0.0	65°	16366.2	17032.5	17456.8	17881.1	18305.4	18746.3	18014.2	17282.1	16550.0
0.0	67.5°	12968.0	13477.8	14036.7	14595.6	15154.5	15625.7	15039.6	14452.7	13866.5
	70°	10429.0	11116.5	11745.0	12373.5	13002.0	13387.8	12799.3	12210.1	11621.7
	72.5°	8285.6	9013.9	9538.8	10062.9	10587.8	10682.4	10249.7	9817.1	9385.3
	75°	5031.1	5465.2	5475.8	5485.6	5496.2	5586.2	5227.7	4869.2	4511.5
	77.5°	1483.9	1639.0	1766.8	1893.8	2021.7	2176.0	2044.4	1912.0	1780.4
	80°	429.6	468.9	502.2	534.7	568.0	548.3	517.3	486.3	455.3
	82.5°	77.1	72.6	71.9	71.1	71.1	67.3	61.3	55.2	49.2
	85°	13.6	12.9	12.1	11.3	10.6	9.8	8.3	7.6	6.1
	87.5°	4.5	3.8	3.0	2.3	2.3	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



REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-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°	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
0.0	0.0	2.5°	43.1	42.4	42.4	42.4	42.4	41.6	41.6	41.6	41.6
0.0	0.0	5°	47.6	47.6	46.9	46.9	46.1	46.1	45.4	45.4	44.6
0.0	0.0	7.5°	56.0	55.2	54.5	53.7	52.9	51.4	50.7	49.9	49.9
0.0	0.0	10°	67.3	65.8	65.0	63.5	62.8	61.3	59.7	58.2	56.7
0.0	0.0	12.5°	88.5	85.5	83.2	80.2	77.1	74.9	71.9	69.6	66.6
0.0	0.0	15°	153.5	146.0	137.7	127.8	117.2	107.4	96.8	90.8	84.0
0.0	0.0	17.5°	392.5	353.2	313.1	280.6	248.1	216.3	183.8	160.3	136.9
0.0	0.0	20°	999.1	890.2	781.3	673.9	565.7	458.3	350.2	295.7	241.3
0.0	0.0	22.5°	1880.2	1678.3	1475.6	1279.7	1083.1	887.2	691.3	568.0	445.5
0.0	0.0	25°	2902.0	2647.9	2393.8	2071.6	1748.6	1426.4	1104.2	903.8	703.4
0.0	0.0	27.5°	3776.3	3483.6	3190.9	2799.2	2407.4	2015.6	1623.8	1325.1	1027.1
0.0	0.0	30°	4533.4	4218.8	3904.2	3448.1	2992.0	2536.0	2079.9	1706.3	1332.6
0.0	0.0	32.5°	5189.9	4813.3	4436.6	3966.2	3495.7	3025.3	2554.9	2096.5	1638.2
0.0	0.0	35°	5947.0	5507.6	5067.4	4545.5	4022.9	3501.0	2979.2	2461.8	1943.8
0.0	0.0	37.5°	6909.1	6369.8	5829.8	5248.2	4666.5	4085.7	3504.1	2912.6	2321.2
0.0	0.0	40°	8750.7	8054.9	7359.1	6620.1	5880.4	5141.5	4402.6	3676.5	2950.4
0.0	0.0	42.5°	12050.6	11110.4	10170.3	9187.1	8203.1	7219.9	6235.9	5211.9	4187.0
0.0	0.0	45°	15774.7	14608.5	13441.4	12338.0	11233.7	10130.2	9026.8	7621.5	6216.3
0.0	0.0	47.5°	17869.0	16609.7	15350.4	14305.9	13261.4	12217.0	11172.5	9657.5	8142.6
0.0	0.0	50°	18639.7	17357.7	16075.7	15114.4	14152.4	13191.1	12229.1	10711.9	9193.9
0.0	0.0	52.5°	18803.8	17496.1	16188.4	15221.1	14253.7	13287.2	12319.8	10812.5	9305.1
0.0	0.0	55°	19141.1	17738.1	16334.4	15231.7	14129.0	13026.2	11923.5	10391.9	8860.4
0.0	0.0	57.5°	19582.1	18143.5	16705.0	15448.7	14192.5	12937.0	11680.7	10006.2	8331.7
0.0	0.0	60°	19466.4	18214.6	16962.2	15616.6	14270.4	12924.9	11578.6	9737.0	7894.5
0.0	0.0	62.5°	17457.5	16460.7	15463.1	14356.6	13249.3	12142.8	11036.3	9140.2	7244.1
0.0	0.0	65°	14361.9	13634.3	12906.7	12016.5	11125.6	10235.4	9345.2	7645.0	5945.5
0.0	0.0	67.5°	11639.9	10820.0	9999.4	9290.0	8579.8	7870.3	7160.2	5822.2	4484.3
		70°	9247.6	8355.9	7463.4	6770.6	6077.1	5384.3	4691.5	3802.1	2913.4
		72.5°	7343.9	6540.0	5736.0	4997.1	4257.4	3518.4	2778.7	2253.1	1727.5
		75°	3510.1	3188.7	2867.2	2480.8	2094.3	1707.8	1321.3	1092.1	863.7
		77.5°	1300.9	1127.7	953.7	796.4	639.1	482.5	325.2	298.0	270.8
		80°	336.6	293.5	249.6	218.6	186.8	155.8	124.8	112.7	101.3
		82.5°	38.6	35.5	33.3	31.8	29.5	28.0	25.7	23.4	21.2
		85°	2.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048857

CATALOG NUMBER: GALN-SA3A-740-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	43.9	43.9
0.0	0.0	2.5°	40.8	40.1
0.0	0.0	5°	43.1	42.4
0.0	0.0	7.5°	47.6	46.1
0.0	0.0	10°	52.2	50.7
0.0	0.0	12.5°	59.0	56.7
0.0	0.0	15°	66.6	62.0
0.0	0.0	17.5°	79.4	69.6
0.0	0.0	20°	107.4	82.4
0.0	0.0	22.5°	151.3	102.9
0.0	0.0	25°	222.4	142.2
0.0	0.0	27.5°	309.3	189.1
0.0	0.0	30°	411.4	236.7
0.0	0.0	32.5°	501.4	282.1
0.0	0.0	35°	618.7	328.2
0.0	0.0	37.5°	763.1	387.2
0.0	0.0	40°	987.0	476.5
0.0	0.0	42.5°	1390.1	641.4
0.0	0.0	45°	2257.6	1108.8
0.0	0.0	47.5°	3473.8	1834.1
0.0	0.0	50°	4249.8	2340.8
0.0	0.0	52.5°	4313.3	2337.1
0.0	0.0	55°	3937.4	2077.6
0.0	0.0	57.5°	3359.6	1736.5
0.0	0.0	60°	2792.4	1373.5
0.0	0.0	62.5°	2200.2	948.4
0.0	0.0	65°	1608.0	670.9
0.0	0.0	67.5°	1154.9	501.4
		70°	759.4	384.2
		72.5°	494.6	313.1
		75°	332.8	259.4
		77.5°	194.4	172.4
		80°	68.8	60.5
		82.5°	12.9	9.1
		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: P1048857

CATALOG NUMBER: GALN-SA3A-740-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: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

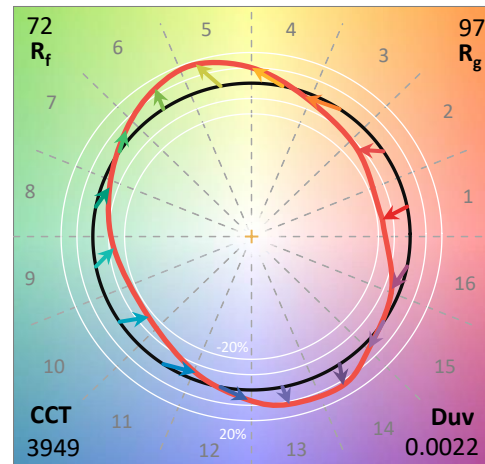
Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-1
 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-740-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949	CRI (Ra):	70.7		
CIE u':	0.2248	R1:	68.0	R9:	-36.7
CIE v':	0.5053	R2:	76.0	R10:	45.1
Duv:	0.0022	R3:	84.3	R11:	70.7
CIE x:	0.3844	R4:	72.0	R12:	47.1
CIE y:	0.3840	R5:	68.6	R13:	68.5
CIE z:	0.2316	R6:	68.3	R14:	91.1
Peak Wavelength (nm):	440	R7:	77.9	R15:	58.7
Dominant Wavelength (nm):	578	R8:	50.3		
Purity:	30.60026				
Rf:	71.8				
Rg:	96.5				



Test Conditions

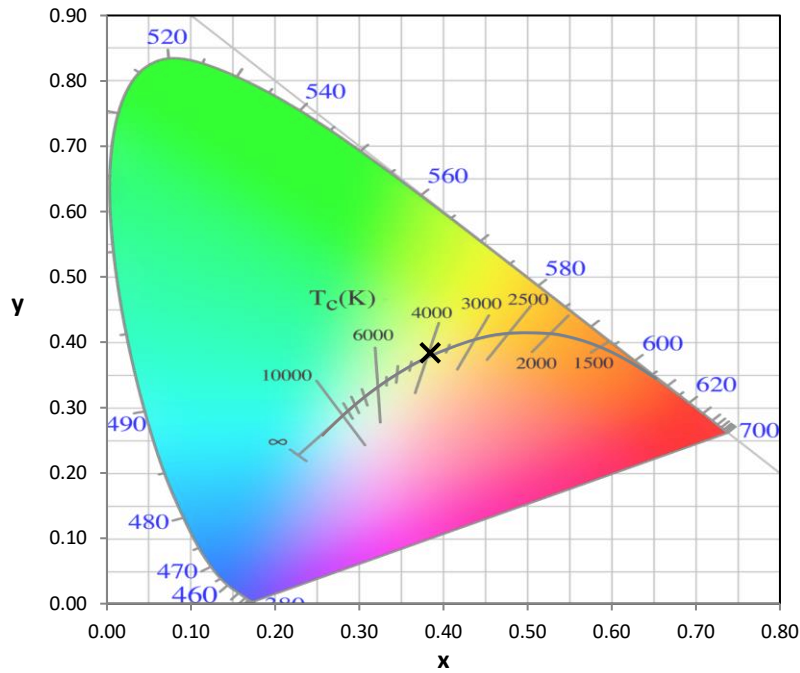
Stabilization Time: 34M
 Operation Time: 1H 34M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-1

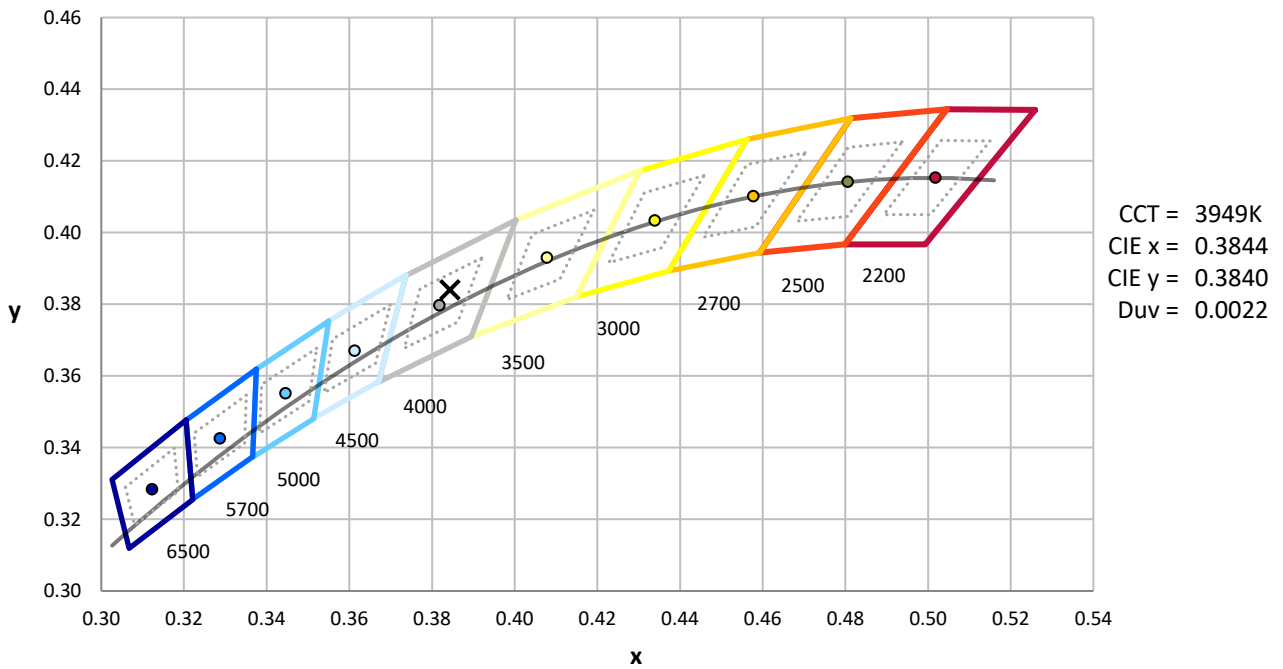
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



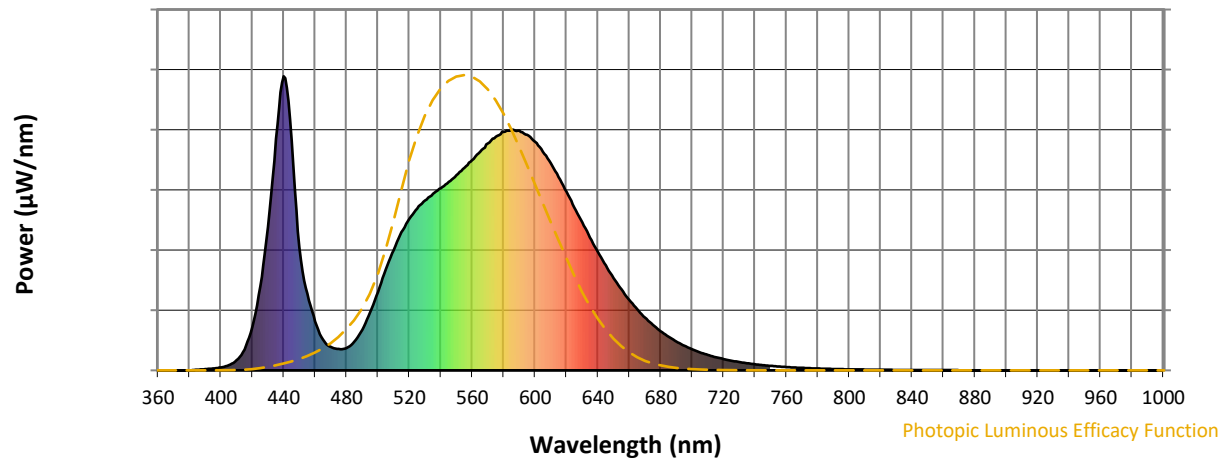
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

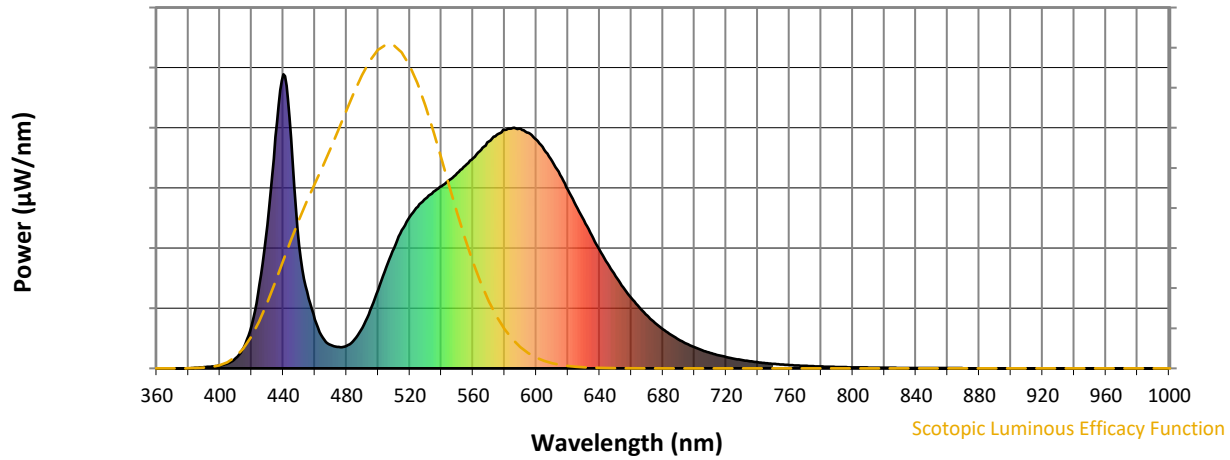


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength



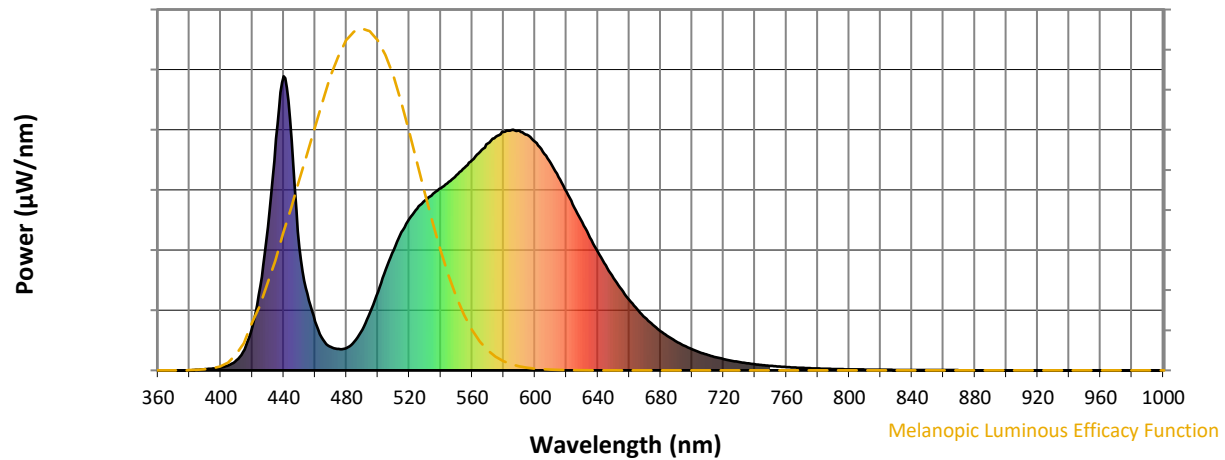
Scotopic Lumens: NR

S/P: 1.47

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.78

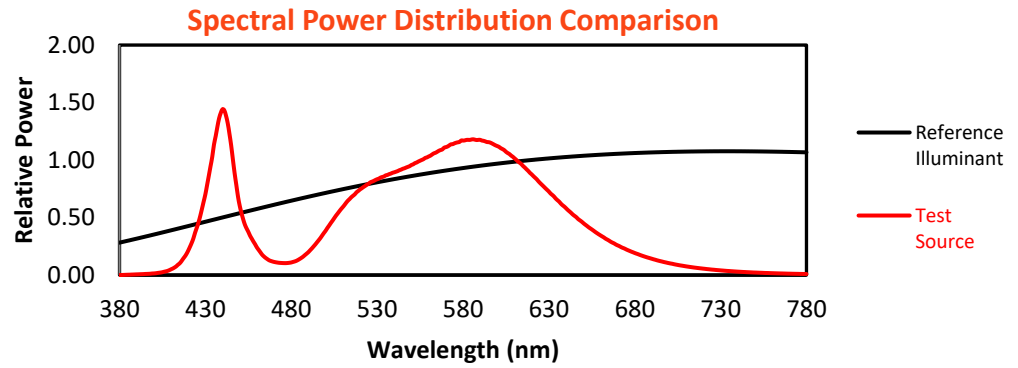
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

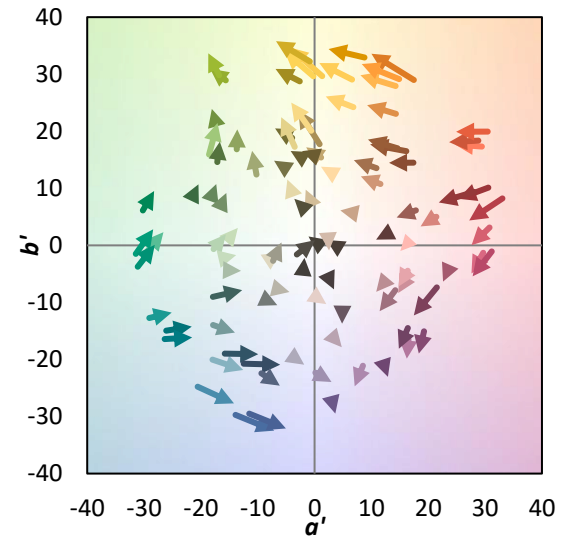
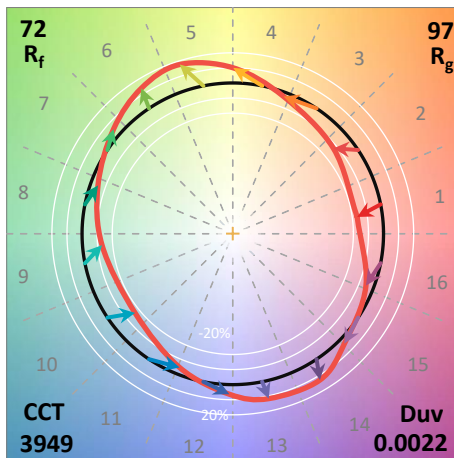
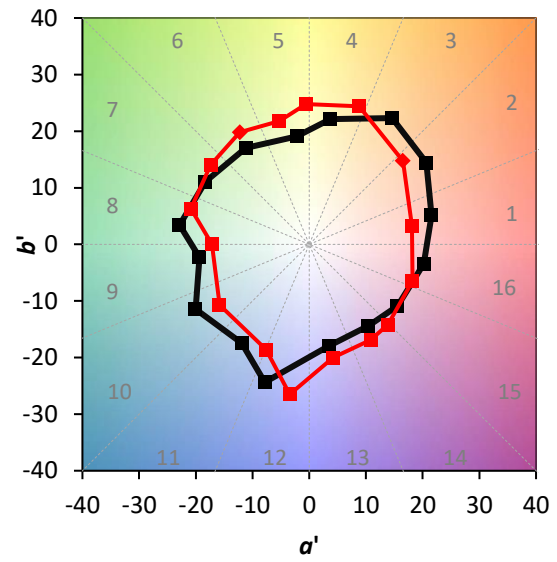
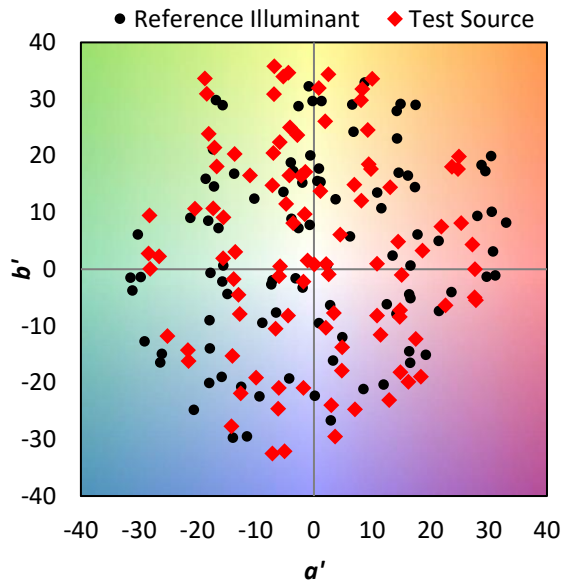
TM-30-18

Summary

$R_f = 71.8$
 $R_g = 96.5$
 $CIE R_a = 70.7$
 $R_g = -36.7$

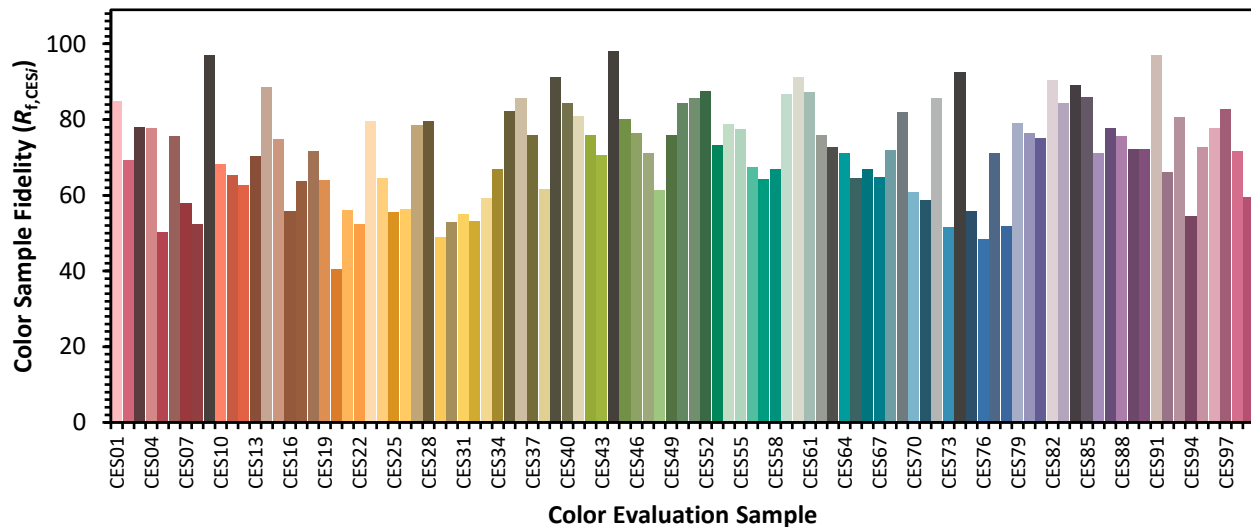


Color Vector Graphics

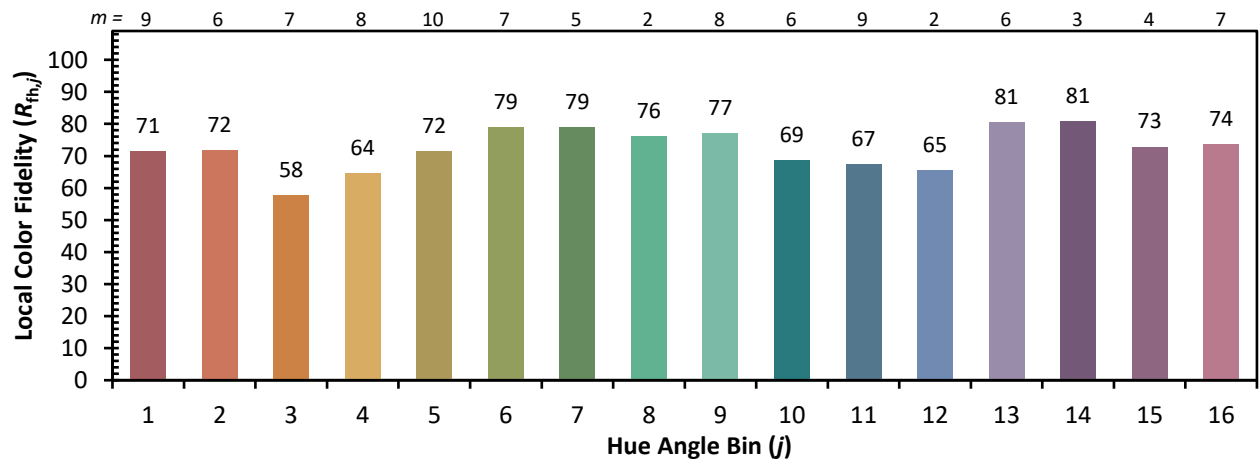
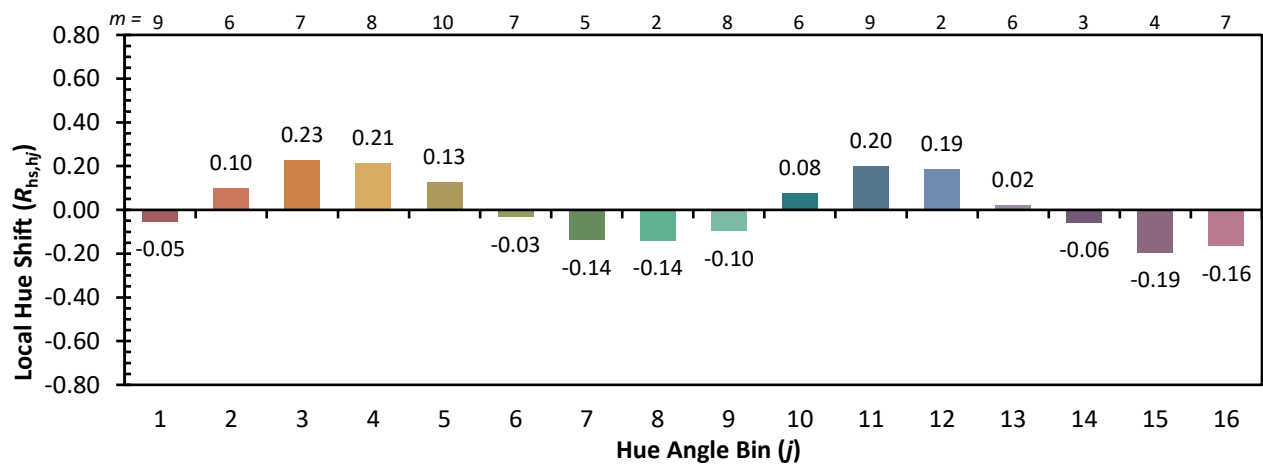
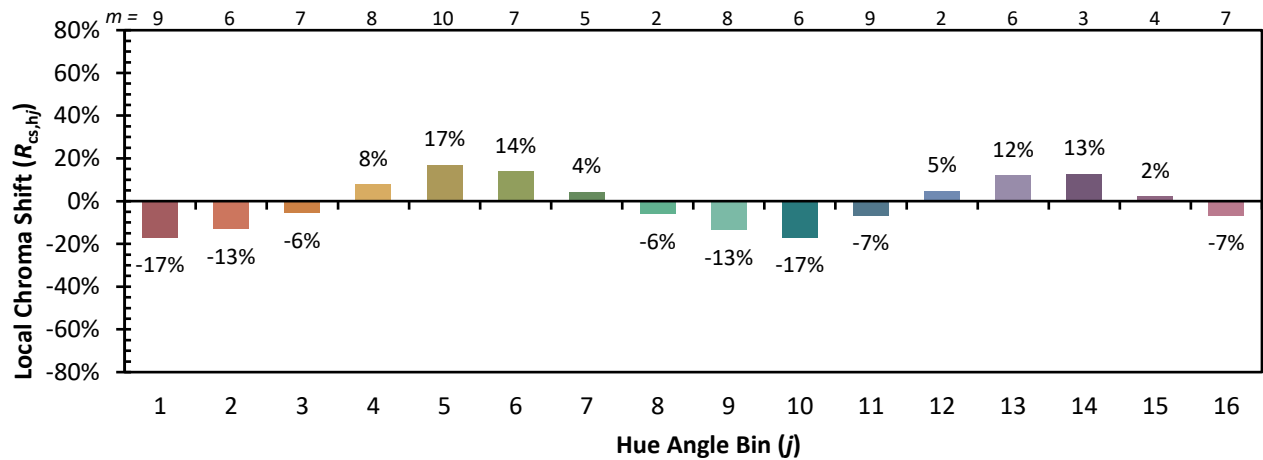


Individual Sample Fidelity Index ($R_{f,i}$)

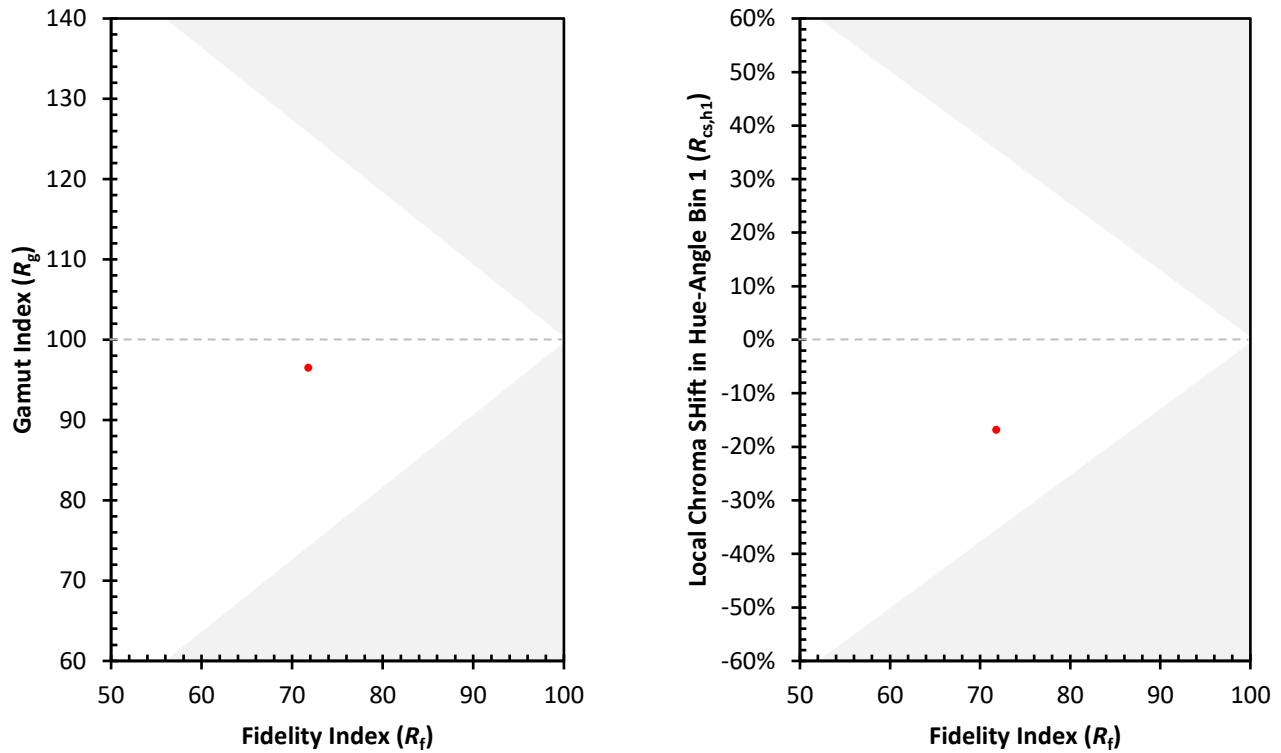
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)