

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: P1049230

Luminaire Tested: **GALN-SA6B-840-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1049230
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA6B-840-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 6xLight Square PACKAGE
80CRI 4000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (84) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22181.7 lumens
Efficiency: N/A
Efficacy: 103.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 213.8
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

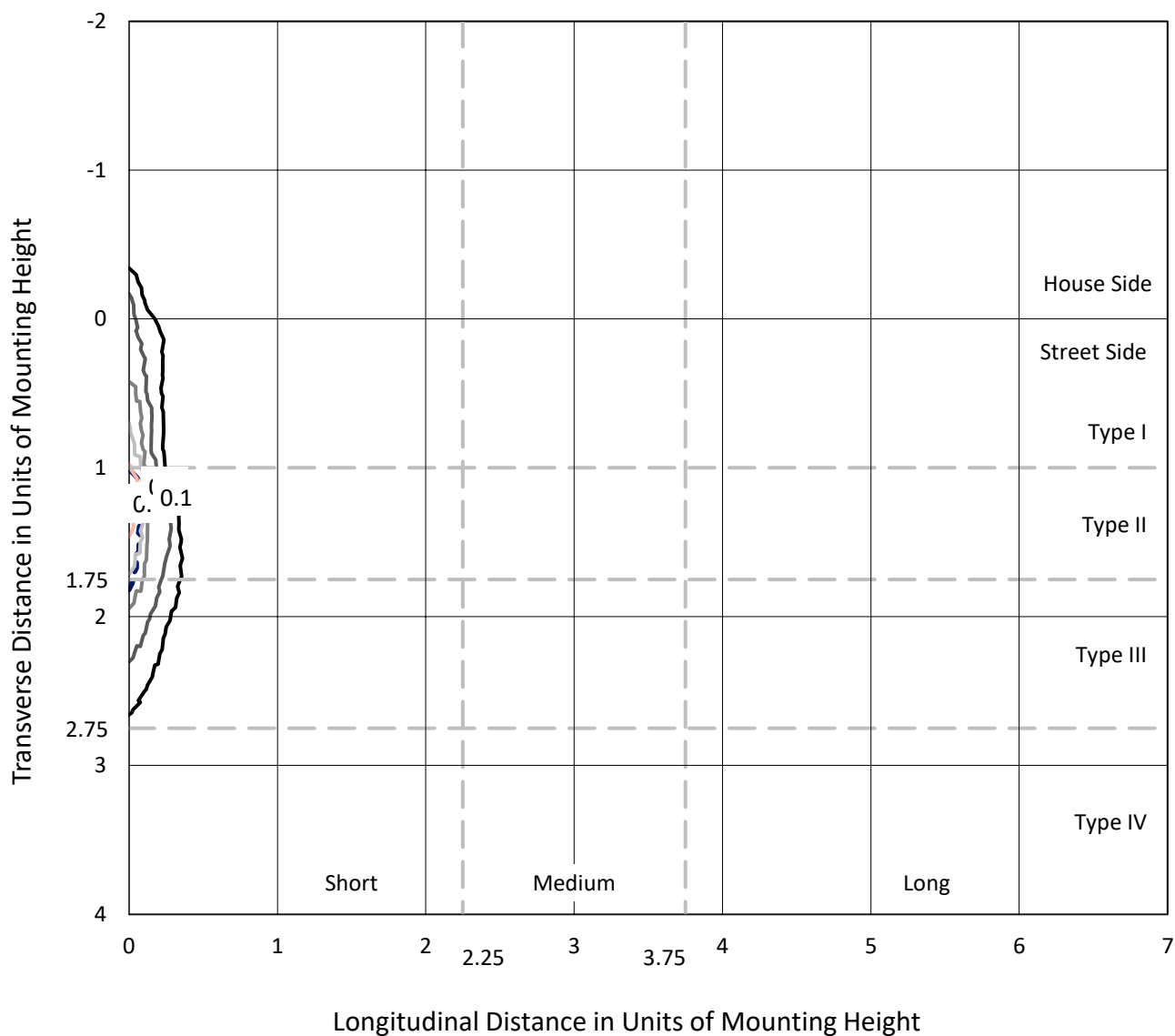
REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-U-RBC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

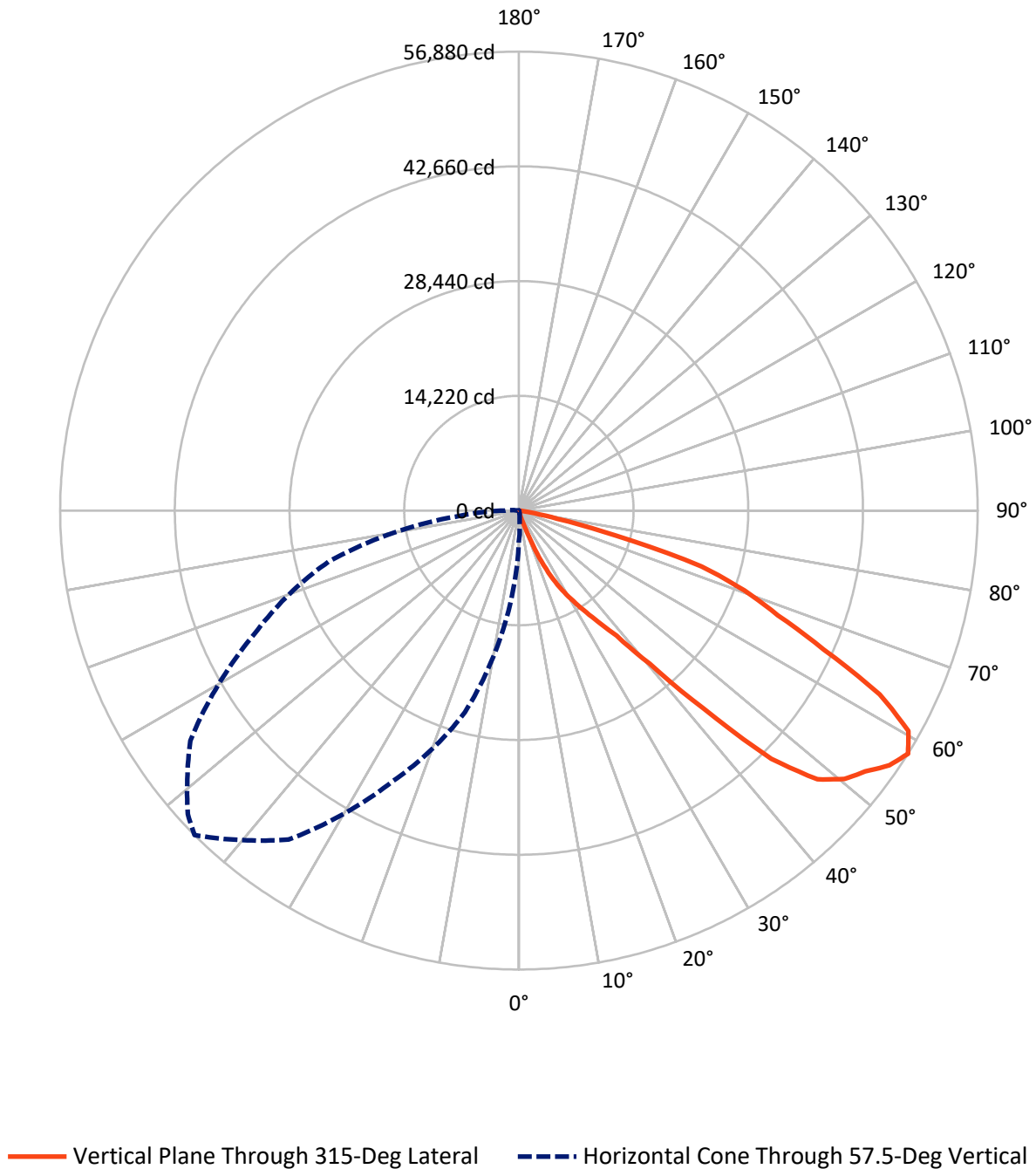


Based on 20 foot mounting height. Maximum calculated value = 3.3 fc

Type III - Short - N/A

REPORT NUMBER: P1049230
CATALOG NUMBER: GALN-SA6B-840-U-RBC

Luminous Intensity Polar Plot



REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-U-RBC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	111.1	0.0	111.1
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	22070.7	0.0	22070.7
	% Fixture	99.5	0.0	99.5
Total	Lumens	22181.7	0.0	22181.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.7	0.0
10°-20°	48.7	0.2
20°-30°	525.7	2.4
30°-40°	1554.5	7.0
40°-50°	4632.9	20.9
50°-60°	7346.1	33.1
60°-70°	6132.2	27.6
70°-80°	1890.9	8.5
80°-90°	42.0	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°	22181.7	100.0
0°-180°	22181.7	100.0



REPORT NUMBER: P1049230

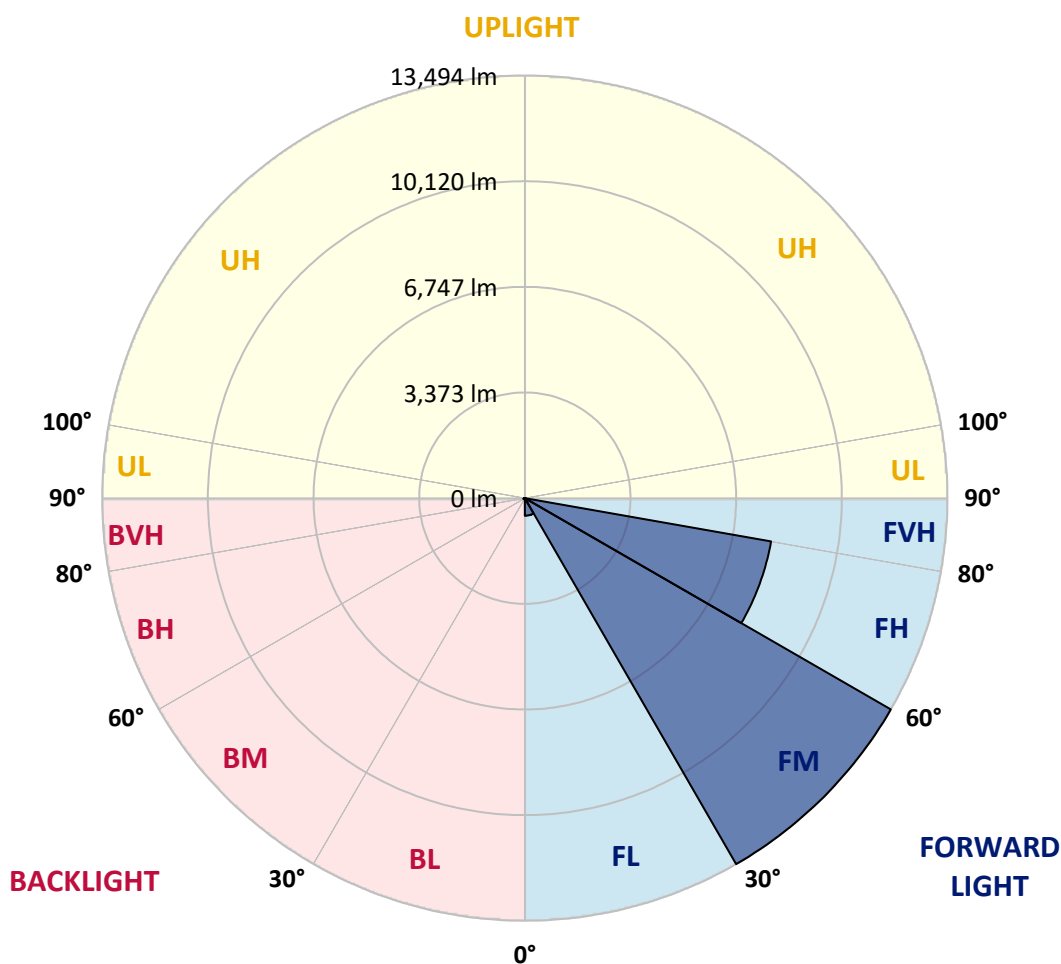
CATALOG NUMBER: GALN-SA6B-840-U-RBC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	562.7	2.5			
FM	(30°-60°)	13493.8	60.8			
FH	(60°-80°)	7981.7	36.0			G4/12000
FVH	(80°-90°)	32.5	0.1			G1/100
BL	(0°-30°)	20.4	0.1	B0/110		
BM	(30°-60°)	39.7	0.2	B0/220		
BH	(60°-80°)	41.4	0.2	B0/110		G0/110
BVH	(80°-90°)	9.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G4

Type III Short



REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-U-RBC

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
2.5°	88.8	88.8	88.8	88.8	87.2	87.2	85.5	85.5	83.8	83.8
5°	93.9	93.9	92.2	90.5	90.5	88.8	87.2	85.5	85.5	83.8
7.5°	102.3	100.6	98.9	97.2	93.9	92.2	88.8	87.2	85.5	82.1
10°	112.3	109.0	105.6	102.3	98.9	95.5	92.2	90.5	87.2	85.5
12.5°	125.7	120.7	114.0	109.0	105.6	100.6	97.2	93.9	88.8	85.5
15°	137.5	130.7	122.4	115.7	110.6	103.9	98.9	93.9	90.5	85.5
17.5°	154.2	142.5	129.1	120.7	114.0	105.6	97.2	92.2	87.2	80.5
20°	182.7	159.2	134.1	124.0	114.0	103.9	93.9	87.2	82.1	75.4
22.5°	228.0	187.7	147.5	132.4	119.0	103.9	90.5	83.8	77.1	70.4
25°	315.1	243.1	171.0	150.9	130.7	110.6	90.5	82.1	75.4	67.1
27.5°	419.1	311.8	202.8	174.3	147.5	119.0	90.5	80.5	72.1	62.0
30°	524.7	382.2	238.0	201.2	164.3	127.4	90.5	78.8	68.7	57.0
32.5°	625.2	447.6	268.2	224.6	181.0	135.8	92.2	78.8	65.4	52.0
35°	727.5	501.2	273.2	228.0	182.7	135.8	90.5	75.4	62.0	46.9
37.5°	858.2	561.5	263.2	217.9	174.3	129.1	85.5	72.1	58.7	43.6
40°	1056.0	662.1	268.2	221.3	174.3	127.4	80.5	67.1	55.3	41.9
42.5°	1421.5	856.6	290.0	236.4	182.7	127.4	73.8	62.0	52.0	40.2
45°	2457.4	1423.1	388.9	308.4	228.0	147.5	67.1	57.0	48.6	38.6
47.5°	4064.9	2382.0	699.0	539.8	382.2	222.9	65.4	57.0	48.6	38.6
50°	5188.0	3034.0	880.0	677.2	474.4	271.6	68.7	58.7	50.3	40.2
52.5°	5179.6	3081.0	980.6	752.6	526.3	298.4	72.1	62.0	53.6	43.6
55°	4604.7	2802.7	999.0	767.7	538.1	306.8	77.1	67.1	57.0	46.9
57.5°	3848.7	2380.3	911.9	705.7	501.2	295.0	88.8	77.1	67.1	55.3
60°	3044.1	1877.4	710.7	561.5	414.0	264.8	117.3	102.3	88.8	73.8
62.5°	2102.0	1361.1	620.2	497.8	377.2	254.8	134.1	119.0	105.6	90.5
65°	1486.8	1024.2	559.9	455.9	353.7	249.8	145.8	129.1	114.0	97.2
67.5°	1111.4	814.7	516.3	427.4	338.6	249.8	160.9	140.8	122.4	102.3
70°	851.5	668.8	484.4	412.4	342.0	269.9	197.8	169.3	142.5	114.0
72.5°	694.0	571.6	447.6	395.6	343.6	291.7	239.7	202.8	165.9	127.4
75°	575.0	489.5	404.0	360.4	318.5	274.9	231.3	197.8	165.9	132.4
77.5°	382.2	348.7	313.5	288.3	263.2	236.4	211.2	182.7	155.9	127.4
80°	134.1	129.1	124.0	134.1	144.2	154.2	164.3	144.2	125.7	105.6
82.5°	20.1	18.4	16.8	18.4	20.1	21.8	23.5	25.1	26.8	28.5
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-SA6B-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-U-RBC

CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.0	2.5°	82.1	82.1	80.5	80.5	80.5	78.8	78.8	77.1	77.1	77.1
0.0	5°	80.5	80.5	78.8	77.1	75.4	75.4	73.8	72.1	72.1	70.4
0.0	7.5°	78.8	77.1	75.4	73.8	72.1	70.4	68.7	67.1	67.1	65.4
0.0	10°	80.5	77.1	75.4	72.1	70.4	68.7	65.4	63.7	62.0	62.0
0.0	12.5°	77.1	75.4	72.1	68.7	67.1	63.7	62.0	58.7	57.0	57.0
0.0	15°	77.1	73.8	68.7	65.4	62.0	60.3	57.0	53.6	52.0	50.3
0.0	17.5°	72.1	68.7	63.7	60.3	57.0	53.6	50.3	46.9	45.3	43.6
0.0	20°	65.4	62.0	57.0	52.0	48.6	45.3	41.9	38.6	36.9	35.2
0.0	22.5°	58.7	55.3	50.3	45.3	41.9	38.6	33.5	30.2	28.5	25.1
0.0	25°	55.3	50.3	45.3	40.2	35.2	31.8	26.8	21.8	18.4	15.1
0.0	27.5°	46.9	41.9	36.9	31.8	26.8	21.8	16.8	11.7	8.4	6.7
0.0	30°	40.2	35.2	30.2	25.1	18.4	13.4	8.4	1.7	1.7	1.7
0.0	32.5°	33.5	28.5	21.8	16.8	13.4	8.4	5.0	0.0	0.0	0.0
0.0	35°	26.8	21.8	15.1	10.1	8.4	5.0	3.4	0.0	0.0	0.0
0.0	37.5°	23.5	18.4	11.7	5.0	3.4	3.4	1.7	0.0	0.0	0.0
0.0	40°	21.8	15.1	8.4	1.7	1.7	1.7	0.0	0.0	0.0	0.0
0.0	42.5°	21.8	15.1	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	21.8	15.1	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	21.8	15.1	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	23.5	16.8	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	26.8	20.1	13.4	6.7	5.0	3.4	1.7	0.0	0.0	0.0
0.0	55°	33.5	30.2	25.1	21.8	16.8	11.7	5.0	0.0	0.0	0.0
0.0	57.5°	43.6	43.6	41.9	40.2	30.2	20.1	10.1	0.0	0.0	0.0
0.0	60°	58.7	58.7	58.7	58.7	43.6	30.2	15.1	0.0	0.0	0.0
0.0	62.5°	72.1	68.7	63.7	60.3	45.3	30.2	15.1	0.0	0.0	0.0
0.0	65°	72.1	65.4	57.0	48.6	36.9	25.1	11.7	0.0	0.0	0.0
0.0	67.5°	67.1	53.6	38.6	25.1	18.4	13.4	6.7	0.0	0.0	0.0
	70°	67.1	46.9	26.8	6.7	5.0	3.4	1.7	0.0	0.0	0.0
	72.5°	67.1	45.3	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	73.8	50.3	25.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	73.8	50.3	25.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	65.4	43.6	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	21.8	15.1	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-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°	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.0	2.5°	75.4	75.4	75.4	73.8	73.8	73.8	73.8	72.1	72.1	72.1
0.0	5°	68.7	68.7	67.1	67.1	65.4	65.4	63.7	63.7	62.0	62.0
0.0	7.5°	63.7	62.0	62.0	60.3	58.7	58.7	57.0	57.0	55.3	53.6
0.0	10°	58.7	57.0	57.0	55.3	53.6	52.0	52.0	50.3	48.6	46.9
0.0	12.5°	53.6	52.0	50.3	48.6	46.9	45.3	45.3	43.6	41.9	40.2
0.0	15°	46.9	45.3	43.6	41.9	40.2	38.6	38.6	36.9	35.2	33.5
0.0	17.5°	40.2	38.6	38.6	36.9	35.2	33.5	31.8	28.5	26.8	25.1
0.0	20°	30.2	28.5	26.8	25.1	23.5	20.1	18.4	15.1	11.7	10.1
0.0	22.5°	20.1	16.8	15.1	11.7	8.4	6.7	5.0	1.7	0.0	0.0
0.0	25°	6.7	5.0	3.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]



REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.0	2.5°	70.4	70.4	70.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7
0.0	5°	60.3	60.3	60.3	58.7	58.7	57.0	57.0	57.0	55.3	55.3
0.0	7.5°	52.0	50.3	50.3	48.6	48.6	46.9	46.9	46.9	45.3	45.3
0.0	10°	43.6	41.9	41.9	40.2	40.2	38.6	38.6	36.9	36.9	35.2
0.0	12.5°	38.6	36.9	35.2	33.5	33.5	31.8	30.2	30.2	28.5	26.8
0.0	15°	30.2	28.5	26.8	25.1	23.5	21.8	20.1	20.1	18.4	16.8
0.0	17.5°	20.1	16.8	15.1	13.4	13.4	11.7	10.1	8.4	6.7	5.0
0.0	20°	5.0	3.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: P1049230

CATALOG NUMBER: GALN-SA6B-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-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°	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.0	2.5°	68.7	67.1	67.1	67.1	68.7	68.7	68.7	68.7	68.7	68.7
0.0	5°	55.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
0.0	7.5°	45.3	43.6	43.6	43.6	43.6	41.9	41.9	41.9	41.9	41.9
0.0	10°	35.2	33.5	33.5	33.5	33.5	31.8	31.8	31.8	31.8	31.8
0.0	12.5°	25.1	25.1	23.5	23.5	23.5	21.8	21.8	21.8	21.8	20.1
0.0	15°	15.1	13.4	11.7	11.7	11.7	10.1	10.1	10.1	10.1	8.4
0.0	17.5°	3.4	3.4	1.7	1.7	1.7	0.0	0.0	0.0	0.0	0.0
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

CATALOG NUMBER: GALN-SA6B-840-U-RBC

[illegible]

REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.0	2.5°	70.4	70.4	72.1	72.1	73.8	77.1	78.8	80.5	83.8	87.2
0.0	5°	55.3	57.0	57.0	58.7	60.3	62.0	63.7	65.4	68.7	72.1
0.0	7.5°	43.6	43.6	45.3	45.3	46.9	50.3	52.0	53.6	57.0	62.0
0.0	10°	33.5	33.5	35.2	35.2	36.9	40.2	41.9	43.6	46.9	52.0
0.0	12.5°	21.8	23.5	23.5	25.1	26.8	30.2	31.8	33.5	36.9	40.2
0.0	15°	10.1	11.7	11.7	13.4	15.1	18.4	20.1	21.8	25.1	30.2
0.0	17.5°	1.7	1.7	3.4	3.4	5.0	6.7	8.4	10.1	15.1	18.4
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	6.7
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-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°	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.0	2.5°	92.2	95.5	98.9	102.3	105.6	109.0	110.6	114.0	115.7	117.3
0.0	5°	78.8	82.1	87.2	90.5	93.9	97.2	100.6	102.3	103.9	105.6
0.0	7.5°	68.7	72.1	77.1	80.5	83.8	87.2	90.5	93.9	95.5	97.2
0.0	10°	58.7	63.7	67.1	72.1	75.4	78.8	82.1	85.5	88.8	90.5
0.0	12.5°	46.9	52.0	57.0	60.3	65.4	70.4	73.8	77.1	80.5	83.8
0.0	15°	36.9	41.9	46.9	50.3	55.3	60.3	65.4	68.7	72.1	75.4
0.0	17.5°	26.8	31.8	36.9	40.2	45.3	50.3	53.6	58.7	62.0	65.4
0.0	20°	13.4	18.4	23.5	28.5	33.5	38.6	41.9	46.9	50.3	53.6
0.0	22.5°	1.7	6.7	11.7	15.1	20.1	25.1	28.5	33.5	36.9	40.2
0.0	25°	0.0	1.7	5.0	6.7	8.4	11.7	15.1	18.4	21.8	25.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.7	3.4	6.7	10.1	13.4
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7	3.4
	85°	0.0	0.0	0.0	0.0	0.0	3.4	5.0	8.4	10.1	11.7
	87.5°	0.0	1.7	3.4	5.0	6.7	10.1	13.4	16.8	18.4	20.1
	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: P1049230

CATALOG NUMBER: GALN-SA6B-840-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
97.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.3	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.6	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30.2	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.8	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5.0	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
1.7											
6.7											
15.1											
21.8											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.0	2.5°	119.0	119.0	119.0	119.0	117.3	117.3	117.3	115.7	115.7	114.0
0.0	5°	109.0	110.6	110.6	110.6	110.6	110.6	110.6	110.6	109.0	109.0
0.0	7.5°	100.6	102.3	103.9	103.9	105.6	105.6	105.6	103.9	103.9	102.3
0.0	10°	95.5	97.2	97.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
0.0	12.5°	88.8	90.5	92.2	92.2	93.9	93.9	93.9	93.9	92.2	92.2
0.0	15°	80.5	83.8	85.5	87.2	87.2	88.8	88.8	88.8	88.8	88.8
0.0	17.5°	73.8	77.1	78.8	80.5	80.5	82.1	82.1	83.8	83.8	83.8
0.0	20°	60.3	63.7	65.4	68.7	70.4	72.1	73.8	75.4	75.4	77.1
0.0	22.5°	46.9	50.3	52.0	55.3	57.0	58.7	60.3	62.0	63.7	65.4
0.0	25°	33.5	36.9	38.6	41.9	43.6	45.3	46.9	48.6	48.6	50.3
0.0	27.5°	18.4	21.8	25.1	26.8	30.2	31.8	33.5	35.2	36.9	38.6
0.0	30°	8.4	10.1	11.7	15.1	16.8	18.4	20.1	23.5	25.1	26.8
0.0	32.5°	0.0	0.0	1.7	5.0	6.7	8.4	10.1	11.7	11.7	13.4
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.4	5.0	6.7
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	3.4	3.4	3.4	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	82.5°	8.4	10.1	11.7	11.7	13.4	13.4	13.4	13.4	11.7	11.7
	85°	16.8	18.4	20.1	20.1	21.8	21.8	21.8	21.8	21.8	21.8
	87.5°	23.5	25.1	26.8	26.8	28.5	28.5	28.5	28.5	28.5	28.5
	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: P1049230

CATALOG NUMBER: GALN-SA6B-840-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
97.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.3	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.8	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10.1	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.7	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0											
0.0											
0.0											
0.0											
5.0											
11.7											
21.8											
28.5											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-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°	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.0	2.5°	112.3	112.3	110.6	110.6	110.6	110.6	110.6	112.3	114.0	114.0
0.0	5°	107.3	107.3	105.6	105.6	105.6	107.3	107.3	109.0	110.6	112.3
0.0	7.5°	102.3	100.6	100.6	102.3	102.3	103.9	103.9	105.6	107.3	109.0
0.0	10°	98.9	97.2	97.2	97.2	98.9	98.9	100.6	102.3	103.9	105.6
0.0	12.5°	92.2	92.2	92.2	92.2	93.9	93.9	95.5	97.2	100.6	102.3
0.0	15°	88.8	87.2	87.2	87.2	87.2	88.8	88.8	92.2	95.5	97.2
0.0	17.5°	82.1	82.1	80.5	80.5	82.1	82.1	83.8	87.2	90.5	92.2
0.0	20°	75.4	73.8	72.1	72.1	73.8	73.8	75.4	78.8	82.1	83.8
0.0	22.5°	65.4	63.7	63.7	63.7	63.7	65.4	65.4	68.7	73.8	77.1
0.0	25°	52.0	53.6	53.6	55.3	55.3	57.0	58.7	62.0	67.1	70.4
0.0	27.5°	40.2	41.9	41.9	45.3	46.9	48.6	50.3	55.3	60.3	63.7
0.0	30°	30.2	31.8	33.5	35.2	38.6	41.9	45.3	50.3	55.3	58.7
0.0	32.5°	18.4	21.8	23.5	26.8	30.2	33.5	36.9	41.9	48.6	53.6
0.0	35°	13.4	15.1	18.4	20.1	23.5	26.8	30.2	36.9	41.9	48.6
0.0	37.5°	6.7	10.1	13.4	16.8	20.1	23.5	26.8	33.5	40.2	45.3
0.0	40°	5.0	8.4	10.1	13.4	18.4	21.8	25.1	31.8	38.6	45.3
0.0	42.5°	3.4	5.0	6.7	11.7	15.1	20.1	25.1	31.8	38.6	45.3
0.0	45°	3.4	3.4	5.0	10.1	15.1	21.8	26.8	33.5	38.6	45.3
0.0	47.5°	3.4	5.0	6.7	13.4	16.8	21.8	26.8	31.8	38.6	43.6
0.0	50°	5.0	6.7	8.4	15.1	18.4	23.5	26.8	33.5	38.6	45.3
0.0	52.5°	3.4	5.0	6.7	13.4	18.4	25.1	30.2	36.9	43.6	48.6
0.0	55°	1.7	1.7	1.7	10.1	20.1	28.5	38.6	43.6	50.3	55.3
0.0	57.5°	0.0	0.0	0.0	6.7	20.1	31.8	43.6	50.3	57.0	62.0
0.0	60°	0.0	0.0	0.0	6.7	20.1	31.8	43.6	52.0	60.3	68.7
0.0	62.5°	0.0	0.0	0.0	6.7	16.8	26.8	36.9	50.3	65.4	78.8
0.0	65°	0.0	0.0	0.0	5.0	13.4	21.8	30.2	50.3	70.4	88.8
0.0	67.5°	0.0	0.0	0.0	5.0	13.4	20.1	28.5	50.3	70.4	92.2
	70°	0.0	0.0	0.0	5.0	13.4	21.8	30.2	50.3	70.4	90.5
	72.5°	0.0	0.0	0.0	5.0	15.1	23.5	33.5	50.3	67.1	83.8
	75°	0.0	0.0	0.0	6.7	15.1	25.1	35.2	50.3	65.4	78.8
	77.5°	0.0	0.0	0.0	5.0	15.1	23.5	33.5	48.6	63.7	77.1
	80°	5.0	3.4	3.4	8.4	15.1	21.8	28.5	43.6	60.3	75.4
	82.5°	10.1	10.1	8.4	11.7	15.1	20.1	25.1	38.6	53.6	67.1
	85°	20.1	20.1	18.4	20.1	20.1	21.8	23.5	30.2	36.9	43.6
	87.5°	26.8	26.8	25.1	25.1	25.1	23.5	23.5	23.5	23.5	21.8
	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: P1049230

CATALOG NUMBER: GALN-SA6B-840-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
97.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.3	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.9	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.7	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.6	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.3	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.1	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
109.0	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.6											
100.6											
93.9											
92.2											
90.5											
80.5											
50.3											
21.8											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.0	2.5°	117.3	119.0	119.0	120.7	122.4	124.0	124.0	125.7	125.7	125.7
0.0	5°	115.7	119.0	120.7	122.4	124.0	125.7	127.4	129.1	130.7	130.7
0.0	7.5°	114.0	115.7	119.0	120.7	124.0	125.7	129.1	130.7	132.4	134.1
0.0	10°	110.6	114.0	117.3	120.7	124.0	127.4	130.7	134.1	137.5	139.1
0.0	12.5°	107.3	112.3	115.7	119.0	124.0	129.1	132.4	137.5	140.8	144.2
0.0	15°	105.6	109.0	114.0	117.3	124.0	130.7	135.8	142.5	149.2	154.2
0.0	17.5°	100.6	107.3	112.3	117.3	124.0	132.4	139.1	145.8	155.9	165.9
0.0	20°	93.9	98.9	105.6	110.6	120.7	129.1	139.1	147.5	162.6	177.7
0.0	22.5°	87.2	93.9	98.9	105.6	117.3	127.4	139.1	149.2	174.3	197.8
0.0	25°	80.5	88.8	95.5	102.3	115.7	129.1	142.5	155.9	197.8	239.7
0.0	27.5°	77.1	83.8	92.2	98.9	115.7	134.1	150.9	167.6	234.7	300.0
0.0	30°	72.1	80.5	87.2	95.5	117.3	139.1	160.9	182.7	285.0	387.2
0.0	32.5°	67.1	75.4	83.8	92.2	120.7	149.2	176.0	204.5	338.6	471.0
0.0	35°	62.0	72.1	80.5	88.8	125.7	164.3	201.2	238.0	387.2	534.7
0.0	37.5°	60.3	70.4	78.8	87.2	127.4	165.9	206.2	244.7	392.2	539.8
0.0	40°	62.0	70.4	80.5	88.8	122.4	155.9	187.7	221.3	375.5	528.0
0.0	42.5°	62.0	72.1	82.1	92.2	119.0	145.8	172.7	199.5	370.5	541.4
0.0	45°	60.3	70.4	80.5	90.5	115.7	139.1	164.3	187.7	400.6	611.8
0.0	47.5°	58.7	68.7	78.8	88.8	114.0	139.1	164.3	189.4	518.0	844.8
0.0	50°	58.7	68.7	77.1	85.5	115.7	147.5	177.7	207.9	754.3	1299.1
0.0	52.5°	62.0	70.4	77.1	83.8	119.0	155.9	191.1	226.3	958.8	1689.7
0.0	55°	67.1	72.1	78.8	83.8	127.4	169.3	212.9	254.8	1020.8	1786.9
0.0	57.5°	73.8	78.8	83.8	88.8	142.5	196.1	248.1	301.7	1025.9	1748.3
0.0	60°	82.1	88.8	93.9	98.9	155.9	214.6	271.6	328.5	928.6	1527.1
0.0	62.5°	100.6	109.0	115.7	124.0	179.4	233.0	288.3	342.0	771.1	1200.2
0.0	65°	115.7	122.4	129.1	135.8	189.4	244.7	298.4	352.0	653.7	955.5
0.0	67.5°	119.0	125.7	130.7	137.5	192.8	248.1	301.7	357.0	559.9	761.0
	70°	120.7	129.1	139.1	147.5	204.5	261.5	316.8	373.8	496.2	618.5
	72.5°	115.7	132.4	147.5	162.6	216.2	268.2	321.8	373.8	461.0	548.1
	75°	115.7	139.1	160.9	182.7	222.9	261.5	301.7	340.3	407.3	474.4
	77.5°	122.4	152.5	182.7	212.9	236.4	258.1	281.6	303.4	347.0	390.6
	80°	122.4	154.2	184.4	216.2	226.3	238.0	248.1	258.1	263.2	268.2
	82.5°	105.6	130.7	155.9	181.0	169.3	157.6	145.8	134.1	125.7	115.7
	85°	53.6	58.7	62.0	65.4	60.3	55.3	50.3	45.3	41.9	36.9
	87.5°	21.8	21.8	20.1	20.1	20.1	20.1	18.4	18.4	18.4	18.4
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
97.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.7	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
179.4	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206.2	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
263.2	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
357.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
496.2	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
672.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
839.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
953.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1039.3	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1124.8	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1292.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1627.6	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2480.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3800.1	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4784.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4893.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4415.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3774.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2950.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2229.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1646.1	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1165.0											
866.6											
630.3											
474.4											
266.5											
120.7											
35.2											
16.8											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-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°	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.0	2.5°	125.7	124.0	124.0	122.4	120.7	119.0	117.3	115.7	114.0	112.3
0.0	5°	130.7	130.7	130.7	129.1	129.1	127.4	127.4	125.7	124.0	122.4
0.0	7.5°	135.8	137.5	137.5	139.1	139.1	139.1	139.1	137.5	137.5	137.5
0.0	10°	144.2	145.8	147.5	149.2	150.9	152.5	152.5	154.2	154.2	154.2
0.0	12.5°	154.2	159.2	162.6	167.6	171.0	176.0	179.4	184.4	187.7	191.1
0.0	15°	169.3	177.7	187.7	196.1	204.5	216.2	229.6	241.4	253.1	271.6
0.0	17.5°	191.1	217.9	244.7	269.9	296.7	355.4	414.0	471.0	529.7	615.2
0.0	20°	233.0	313.5	392.2	472.7	551.5	757.7	962.2	1168.3	1372.9	1592.4
0.0	22.5°	326.9	524.7	722.5	920.3	1118.1	1548.9	1978.0	2408.8	2837.9	3342.5
0.0	25°	474.4	838.1	1201.9	1563.9	1927.7	2601.5	3277.1	3950.9	4624.8	5280.2
0.0	27.5°	690.6	1247.1	1803.7	2358.5	2915.0	3828.6	4743.8	5657.4	6570.9	7311.8
0.0	30°	957.1	1711.5	2465.8	3220.1	3974.4	5013.7	6053.0	7090.6	8129.8	8939.5
0.0	32.5°	1208.6	2132.2	3055.8	3977.8	4901.4	6084.8	7269.9	8453.4	9636.8	10521.9
0.0	35°	1372.9	2489.2	3607.3	4723.7	5840.1	7120.7	8401.4	9680.4	10961.0	11971.8
0.0	37.5°	1537.1	2826.2	4113.5	5402.6	6689.9	8096.3	9502.7	10909.1	12315.4	13564.3
0.0	40°	1721.5	3233.5	4743.8	6255.8	7766.1	9432.3	11096.8	12763.0	14427.5	16189.3
0.0	42.5°	2041.7	3909.0	5778.1	7645.4	9512.7	11717.0	13921.3	16123.9	18328.2	20842.6
0.0	45°	2643.5	5275.2	7908.6	10540.3	13172.0	16092.0	19013.8	21933.8	24853.8	28199.6
0.0	47.5°	4116.9	7737.6	11356.6	14977.3	18596.4	21749.4	24900.8	28053.8	31205.2	34537.6
0.0	50°	6299.4	10513.5	14727.6	18940.0	23154.1	26007.1	28858.4	31711.4	34562.7	37732.5
0.0	52.5°	7878.4	12268.5	16660.3	21050.4	25440.5	28015.2	30591.7	33166.4	35741.1	38703.0
0.0	55°	7997.4	12362.4	16729.0	21094.0	25459.0	28045.4	30631.9	33218.3	35804.8	38944.4
0.0	57.5°	7080.5	11410.3	15738.4	20068.1	24396.2	27341.4	30284.9	33230.1	36173.6	39568.0
0.0	60°	6022.8	10354.2	14684.0	19015.4	23345.2	26737.9	30132.4	33525.1	36917.8	40097.7
0.0	62.5°	4698.5	9154.0	13611.2	18066.7	22522.2	25966.9	29411.6	32854.6	36299.3	38684.6
0.0	65°	3501.7	7828.1	12154.5	16479.3	20805.7	23564.8	26323.9	29081.3	31840.5	33317.2
0.0	67.5°	2531.1	6262.5	9992.2	13723.5	17453.2	19427.8	21402.4	23375.4	25350.0	26479.8
	70°	1711.5	4296.2	6879.4	9464.1	12047.2	13669.9	15294.1	16916.8	18539.4	20064.8
	72.5°	1185.1	2636.7	4090.1	5541.7	6993.3	8626.0	10257.0	11889.7	13520.7	15134.9
	75°	786.2	1446.6	2108.7	2769.2	3429.6	4638.2	5848.5	7057.0	8265.6	9227.8
	77.5°	558.2	756.0	955.5	1153.3	1351.1	1577.4	1805.3	2031.6	2257.9	2601.5
	80°	264.8	290.0	315.1	338.6	363.7	445.9	528.0	610.2	692.3	779.5
	82.5°	125.7	135.8	145.8	154.2	164.3	172.7	181.0	189.4	197.8	189.4
	85°	33.5	33.5	35.2	35.2	35.2	35.2	35.2	35.2	35.2	33.5
	87.5°	15.1	15.1	15.1	15.1	15.1	15.1	15.1	13.4	13.4	11.7
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-U-RBC

CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
97.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.9	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
192.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
291.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
699.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1813.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3847.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5935.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8052.7	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9750.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11408.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12982.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14814.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17951.0	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23356.9	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31545.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37870.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40902.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41665.0	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42085.7	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42962.4	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43275.9	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41071.6	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34795.7	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27611.3	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21588.5											
16749.1											
10190.0											
2945.2											
866.6											
179.4											
31.8											
11.7											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-U-RBC

CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.0	2.5°	109.0	107.3	105.6	103.9	102.3	98.9	98.9	97.2	97.2
0.0	5°	119.0	117.3	115.7	114.0	114.0	112.3	110.6	110.6	109.0
0.0	7.5°	135.8	134.1	132.4	130.7	130.7	129.1	129.1	127.4	127.4
0.0	10°	155.9	155.9	155.9	155.9	155.9	154.2	154.2	154.2	152.5
0.0	12.5°	196.1	197.8	201.2	204.5	209.5	209.5	209.5	207.9	207.9
0.0	15°	310.1	328.5	342.0	355.4	367.1	393.9	390.6	385.5	382.2
0.0	17.5°	784.5	868.3	913.6	957.1	1002.4	1126.4	1106.3	1086.2	1067.8
0.0	20°	2033.3	2252.9	2398.7	2544.6	2692.1	2925.1	2868.1	2811.1	2754.1
0.0	22.5°	4349.9	4854.4	5074.0	5293.6	5511.5	5793.1	5610.4	5427.7	5246.7
0.0	25°	6589.4	7244.8	7615.2	7985.7	8354.5	8515.4	8277.3	8037.6	7799.6
0.0	27.5°	8793.6	9534.5	9861.4	10186.6	10513.5	10850.4	10555.4	10258.7	9963.7
0.0	30°	10560.4	11370.0	11723.7	12075.7	12429.4	12664.1	12359.0	12052.3	11747.2
0.0	32.5°	12293.7	13178.7	13565.9	13953.1	14338.7	14675.6	14300.1	13923.0	13547.5
0.0	35°	13991.7	15002.5	15535.5	16068.6	16601.6	16915.1	16469.2	16021.6	15575.8
0.0	37.5°	16063.6	17312.4	17909.1	18505.9	19102.6	19674.2	19183.1	18690.2	18199.1
0.0	40°	19712.8	21474.5	22389.7	23306.6	24221.9	24959.4	24339.2	23719.0	23098.8
0.0	42.5°	25871.3	28385.7	29701.6	31015.7	32331.6	33483.2	32831.1	32179.1	31527.0
0.0	45°	34891.2	38237.1	39841.2	41443.7	43047.9	43889.4	42950.7	42010.3	41071.6
0.0	47.5°	41200.7	44533.1	45961.2	47389.4	48817.6	49778.1	48629.8	47481.6	46335.0
0.0	50°	44070.4	47240.2	48673.4	50104.9	51538.1	52300.8	50974.9	49647.3	48321.4
0.0	52.5°	44625.3	47587.2	49297.0	51008.4	52718.2	53737.4	52171.8	50604.5	49038.8
0.0	55°	45225.4	48365.0	50348.0	52332.7	54315.7	55727.1	53957.0	52185.2	50415.0
0.0	57.5°	46355.2	49749.6	51727.5	53703.9	55681.8	56880.4	55105.2	53328.4	51553.2
0.0	60°	46455.7	49633.9	51333.6	53035.0	54734.8	55489.1	53791.0	52091.3	50393.3
0.0	62.5°	43456.9	45842.2	47022.3	48202.4	49382.5	50202.2	48430.4	46656.9	44885.1
0.0	65°	36272.5	37749.3	38689.6	39630.0	40570.4	41547.7	39925.0	38302.4	36679.8
0.0	67.5°	28741.1	29870.9	31109.6	32348.4	33587.1	34631.4	33332.3	32031.6	30732.5
	70°	23113.9	24637.6	26030.6	27423.5	28816.5	29671.4	28367.3	27061.5	25757.3
	72.5°	18363.4	19977.6	21140.9	22302.6	23465.9	23675.4	22716.6	21757.8	20800.6
	75°	11150.4	12112.6	12136.1	12157.9	12181.3	12380.8	11586.3	10791.7	9998.9
	77.5°	3288.8	3632.4	3915.7	4197.3	4480.6	4822.6	4530.9	4237.6	3945.9
	80°	952.1	1039.3	1113.0	1185.1	1258.9	1215.3	1146.6	1077.8	1009.1
	82.5°	171.0	160.9	159.2	157.6	157.6	149.2	135.8	122.4	109.0
	85°	30.2	28.5	26.8	25.1	23.5	21.8	18.4	16.8	13.4
	87.5°	10.1	8.4	6.7	5.0	5.0	1.7	1.7	1.7	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-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°	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
0.0	0.0	2.5°	95.5	93.9	93.9	93.9	93.9	92.2	92.2	92.2	92.2
0.0	0.0	5°	105.6	105.6	103.9	103.9	102.3	102.3	100.6	100.6	98.9
0.0	0.0	7.5°	124.0	122.4	120.7	119.0	117.3	114.0	112.3	110.6	110.6
0.0	0.0	10°	149.2	145.8	144.2	140.8	139.1	135.8	132.4	129.1	125.7
0.0	0.0	12.5°	196.1	189.4	184.4	177.7	171.0	165.9	159.2	154.2	147.5
0.0	0.0	15°	340.3	323.5	305.1	283.3	259.8	238.0	214.6	201.2	186.1
0.0	0.0	17.5°	870.0	782.8	694.0	621.9	549.8	479.4	407.3	355.4	303.4
0.0	0.0	20°	2214.3	1973.0	1731.6	1493.5	1253.8	1015.8	776.1	655.4	534.7
0.0	0.0	22.5°	4167.2	3719.6	3270.4	2836.2	2400.4	1966.2	1532.1	1258.9	987.3
0.0	0.0	25°	6431.8	5868.6	5305.3	4591.3	3875.5	3161.4	2447.3	2003.1	1558.9
0.0	0.0	27.5°	8369.5	7720.8	7072.1	6203.8	5335.5	4467.2	3598.9	2936.8	2276.4
0.0	0.0	30°	10047.5	9350.1	8652.8	7642.0	6631.3	5620.5	4609.7	3781.6	2953.6
0.0	0.0	32.5°	11502.5	10667.7	9832.9	8790.3	7747.7	6705.0	5662.4	4646.6	3630.8
0.0	0.0	35°	13180.4	12206.5	11230.9	10074.3	8916.0	7759.4	6602.8	5456.2	4308.0
0.0	0.0	37.5°	15312.6	14117.4	12920.6	11631.5	10342.5	9055.1	7766.1	6455.3	5144.4
0.0	0.0	40°	19394.3	17852.1	16310.0	14672.3	13032.9	11395.2	9757.5	8148.3	6539.1
0.0	0.0	42.5°	26707.8	24624.2	22540.6	20361.5	18180.7	16001.5	13820.7	11551.1	9279.7
0.0	0.0	45°	34961.6	32376.9	29790.4	27344.7	24897.4	22451.8	20006.1	16891.6	13777.1
0.0	0.0	47.5°	39603.2	36812.2	34021.3	31706.4	29391.5	27076.5	24761.6	21404.1	18046.6
0.0	0.0	50°	41311.3	38470.0	35628.8	33498.3	31366.1	29235.6	27103.4	23740.8	20376.6
0.0	0.0	52.5°	41675.0	38776.8	35878.6	33734.6	31590.7	29448.4	27304.5	23963.7	20623.0
0.0	0.0	55°	42422.7	39313.2	36202.1	33758.1	31314.1	28870.1	26426.2	23031.7	19637.3
0.0	0.0	57.5°	43399.9	40211.7	37023.4	34239.2	31454.9	28672.3	25888.1	22176.9	18465.6
0.0	0.0	60°	43143.4	40369.2	37593.4	34611.3	31627.6	28645.5	25661.8	21580.1	17496.7
0.0	0.0	62.5°	38691.3	36482.0	34271.0	31818.7	29364.6	26912.3	24459.9	20257.5	16055.2
0.0	0.0	65°	31830.4	30217.8	28605.3	26632.3	24657.7	22684.8	20711.8	16943.6	13177.0
0.0	0.0	67.5°	25797.6	23980.5	22161.8	20589.4	19015.4	17443.1	15869.1	12903.8	9938.5
		70°	20495.6	18519.3	16541.3	15005.8	13468.7	11933.3	10397.8	8426.5	6456.9
		72.5°	16276.4	14494.6	12712.7	11075.0	9435.6	7797.9	6158.6	4993.6	3828.6
		75°	7779.5	7067.1	6354.7	5498.1	4641.5	3785.0	2928.4	2420.5	1914.3
		77.5°	2883.2	2499.3	2113.8	1765.1	1416.4	1069.5	720.8	660.4	600.1
		80°	745.9	650.4	553.2	484.4	414.0	345.3	276.6	249.8	224.6
		82.5°	85.5	78.8	73.8	70.4	65.4	62.0	57.0	52.0	46.9
		85°	5.0	3.4	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: P1049230
CATALOG NUMBER: GALN-SA6B-840-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1049230

CATALOG NUMBER: GALN-SA6B-840-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	97.2	97.2
0.0	0.0	2.5°	90.5	88.8
0.0	0.0	5°	95.5	93.9
0.0	0.0	7.5°	105.6	102.3
0.0	0.0	10°	115.7	112.3
0.0	0.0	12.5°	130.7	125.7
0.0	0.0	15°	147.5	137.5
0.0	0.0	17.5°	176.0	154.2
0.0	0.0	20°	238.0	182.7
0.0	0.0	22.5°	335.3	228.0
0.0	0.0	25°	492.8	315.1
0.0	0.0	27.5°	685.6	419.1
0.0	0.0	30°	911.9	524.7
0.0	0.0	32.5°	1111.4	625.2
0.0	0.0	35°	1371.2	727.5
0.0	0.0	37.5°	1691.3	858.2
0.0	0.0	40°	2187.5	1056.0
0.0	0.0	42.5°	3081.0	1421.5
0.0	0.0	45°	5003.6	2457.4
0.0	0.0	47.5°	7699.0	4064.9
0.0	0.0	50°	9418.9	5188.0
0.0	0.0	52.5°	9559.7	5179.6
0.0	0.0	55°	8726.6	4604.7
0.0	0.0	57.5°	7445.9	3848.7
0.0	0.0	60°	6188.7	3044.1
0.0	0.0	62.5°	4876.2	2102.0
0.0	0.0	65°	3563.7	1486.8
0.0	0.0	67.5°	2559.6	1111.4
		70°	1683.0	851.5
		72.5°	1096.3	694.0
		75°	737.6	575.0
		77.5°	430.8	382.2
		80°	152.5	134.1
		82.5°	28.5	20.1
		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: P1049230

CATALOG NUMBER: GALN-SA6B-840-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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

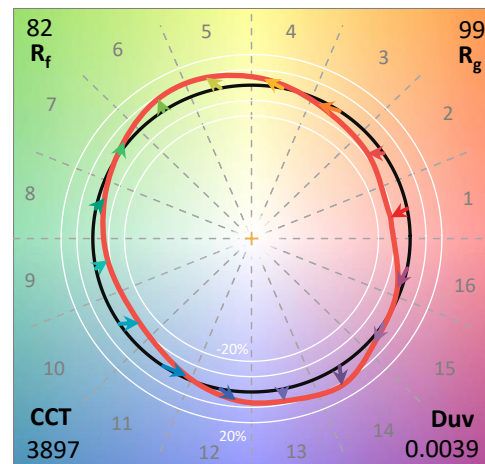
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-11
 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-840-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3897
 CIE u' : 0.2249
 CIE v' : 0.5084
 Duv: 0.0039
 CIE x: 0.3882
 CIE y: 0.3900
 CIE z: 0.2218
 Peak Wavelength (nm): 445
 Dominant Wavelength (nm): 577
 Purity: 33.54925
 R_f: 81.8
 R_g: 98.6

CRI (Ra): 80.2
 R1: 78.9
 R2: 83.5
 R3: 88.3
 R4: 82.1
 R5: 78.8
 R6: 78.4
 R7: 85.8
 R8: 65.8
 R9: 6.7
 R10: 61.9
 R11: 81.9
 R12: 58.9
 R13: 79.2
 R14: 93.2
 R15: 71.9



Test Conditions

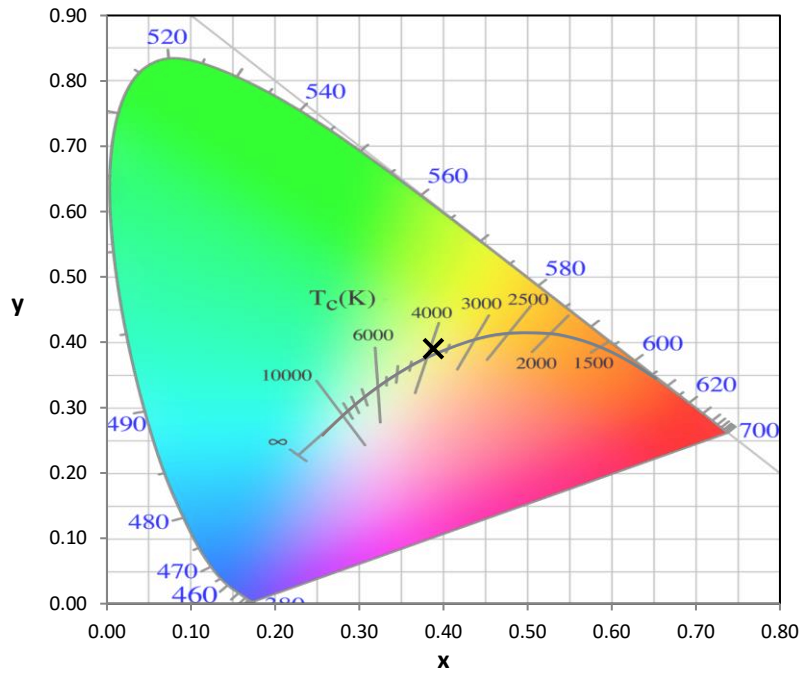
Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-11

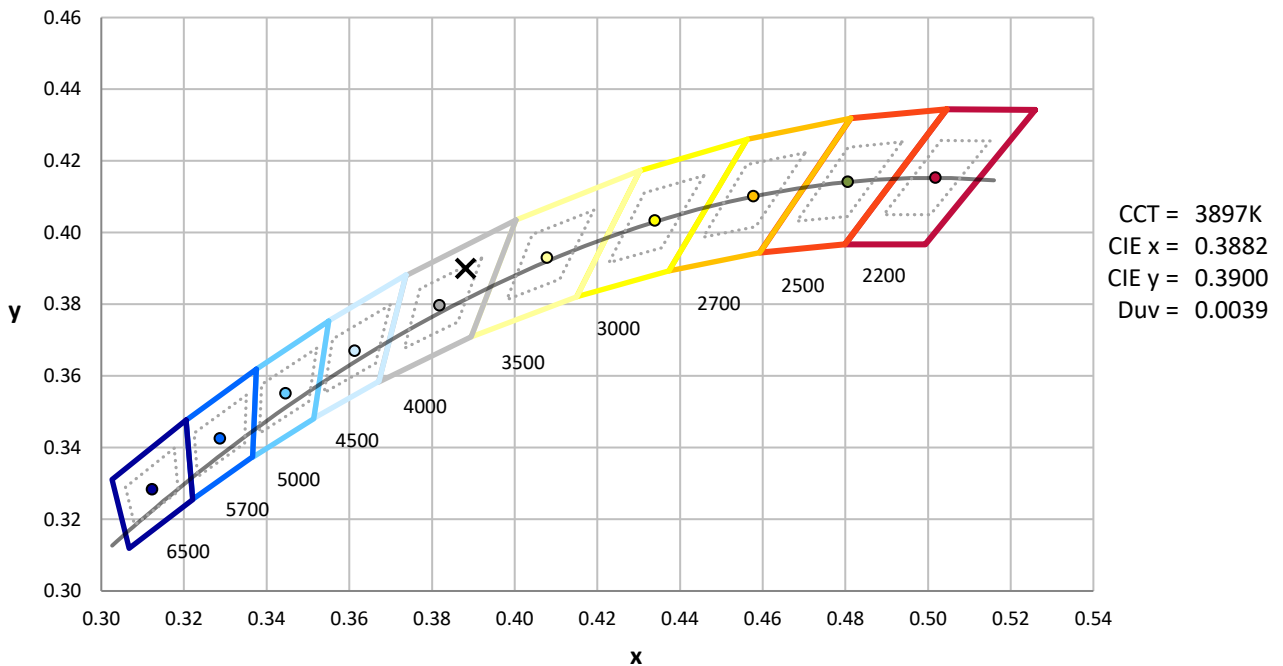
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-11

CIE 1931 Chromaticity Diagram



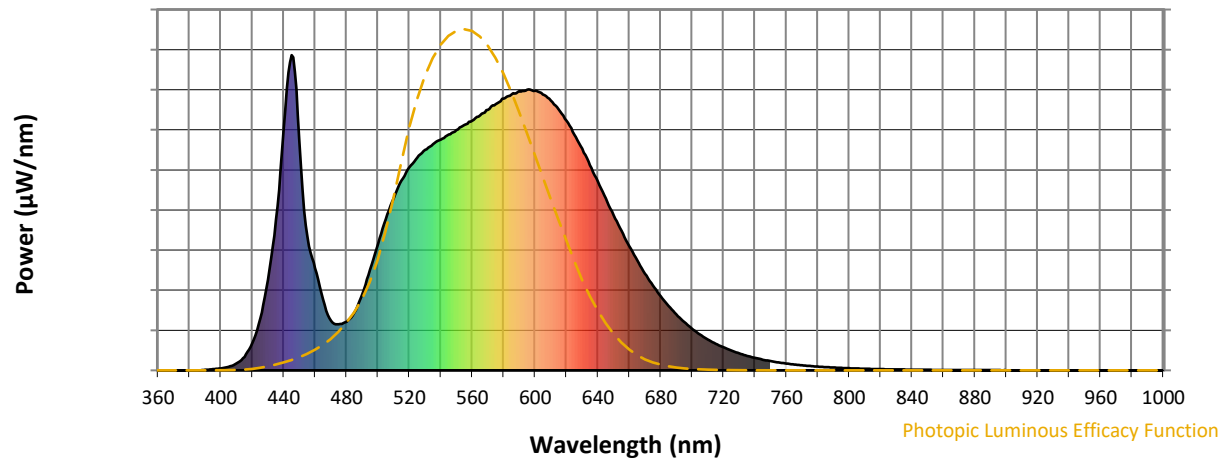
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-11

Photopic Flux vs. Wavelength

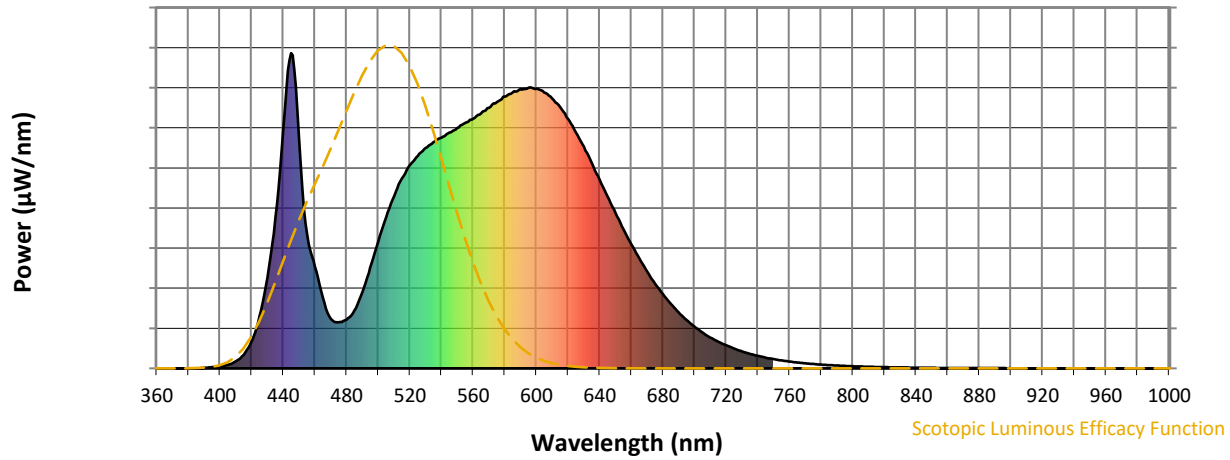


Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Scotopic Flux vs. Wavelength



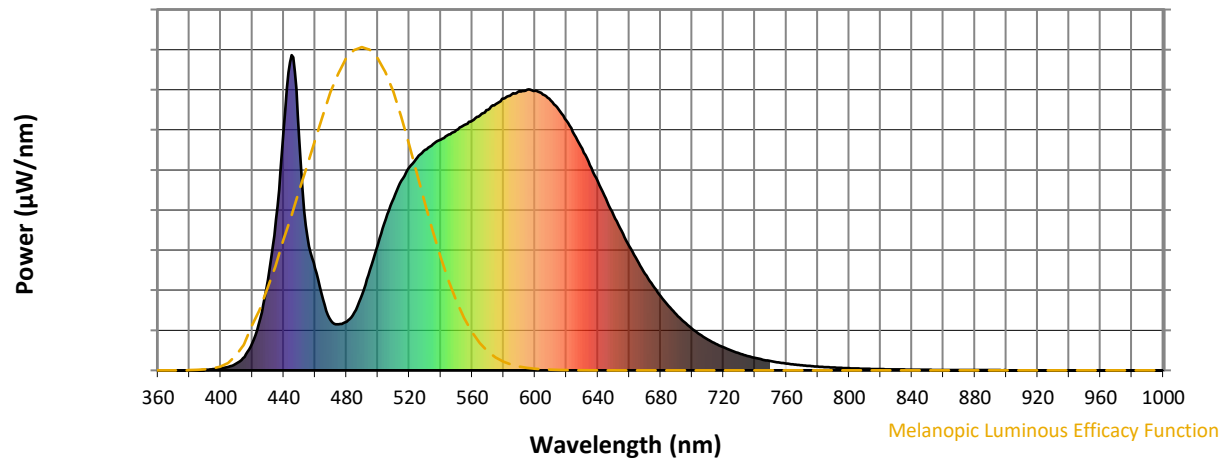
Scotopic Lumens: NR

S/P: 1.57

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.06

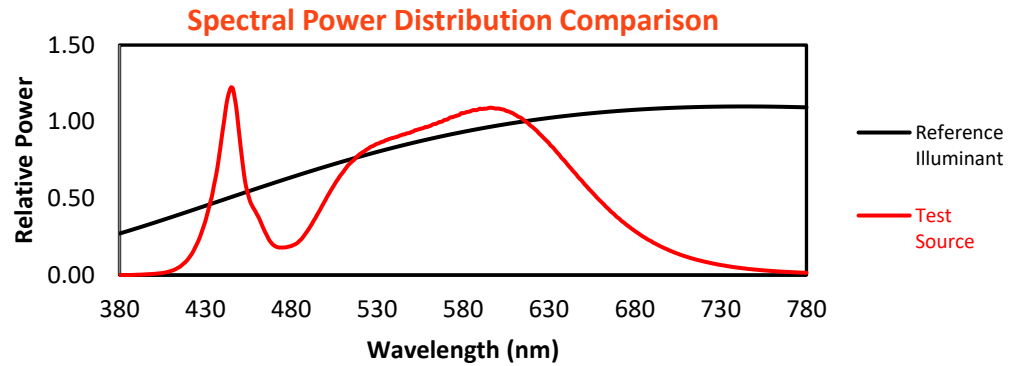
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-11

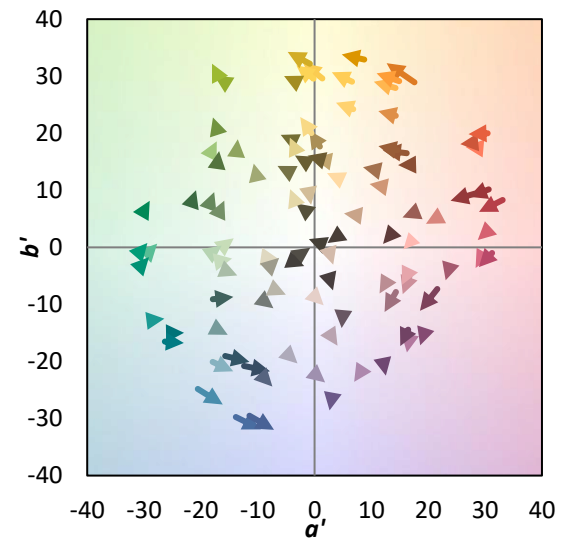
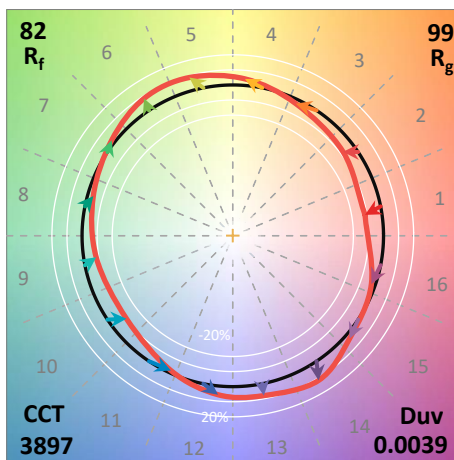
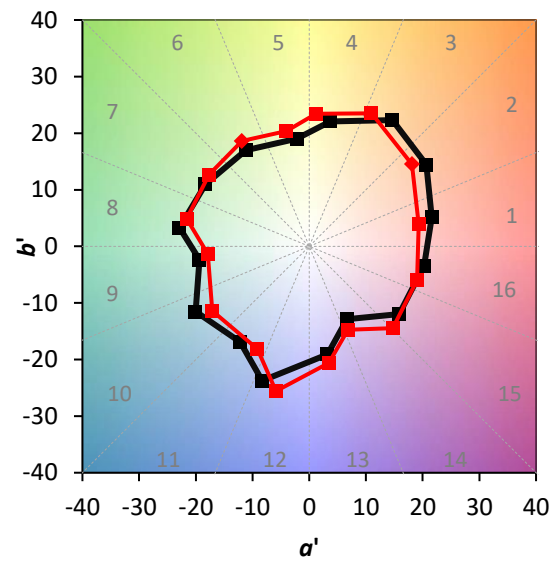
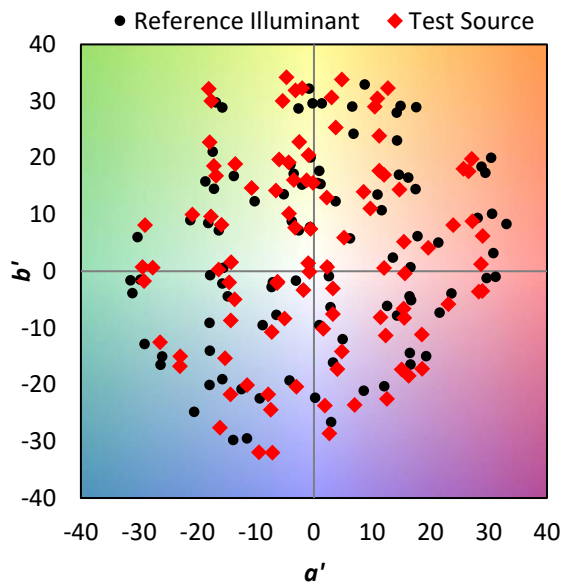
TM-30-18

Summary

$R_f = 81.8$
 $R_g = 98.6$
 $CIE R_a = 80.2$
 $R_9 = 6.7$

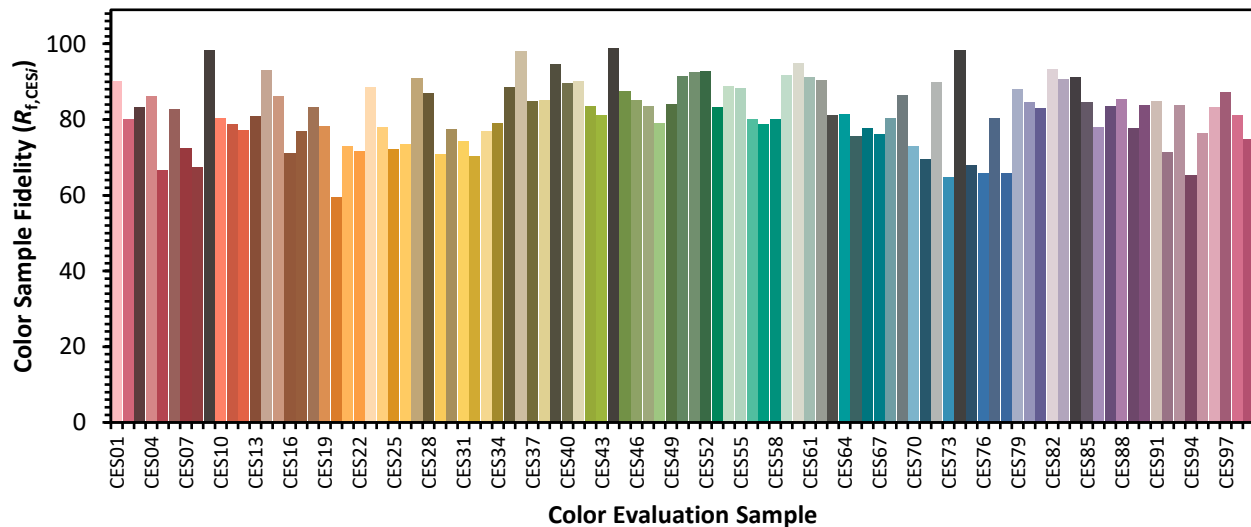


Color Vector Graphics

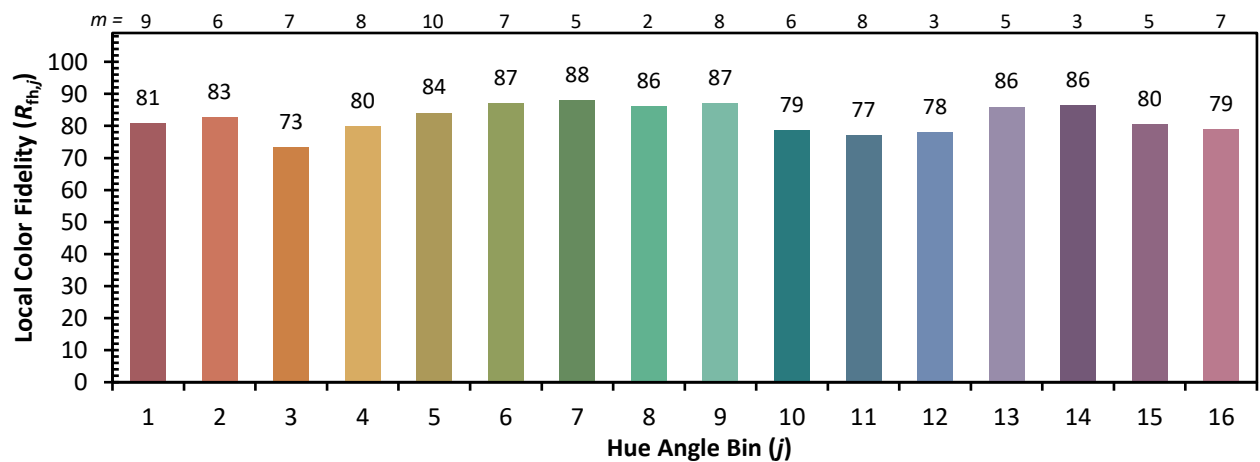
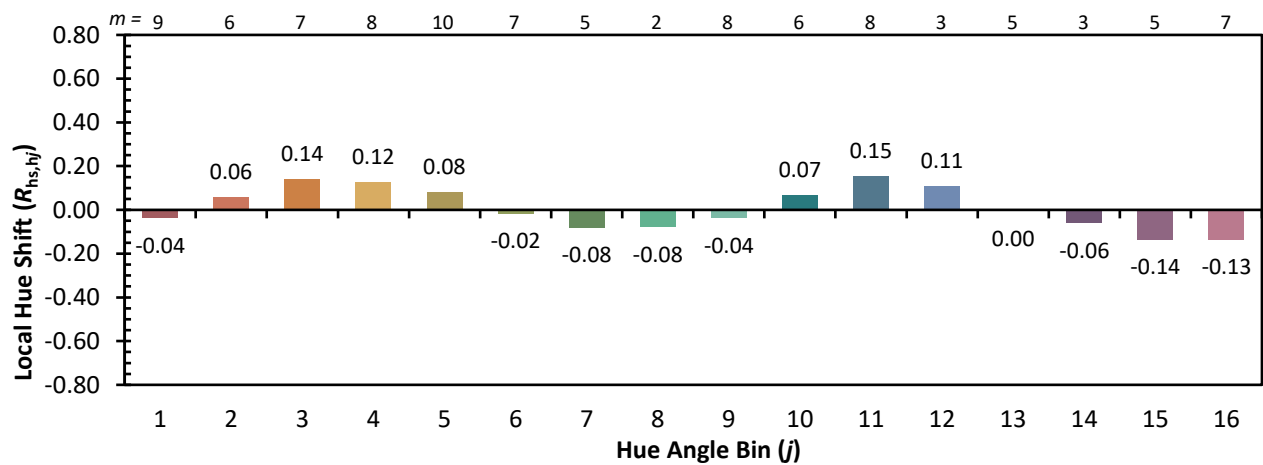
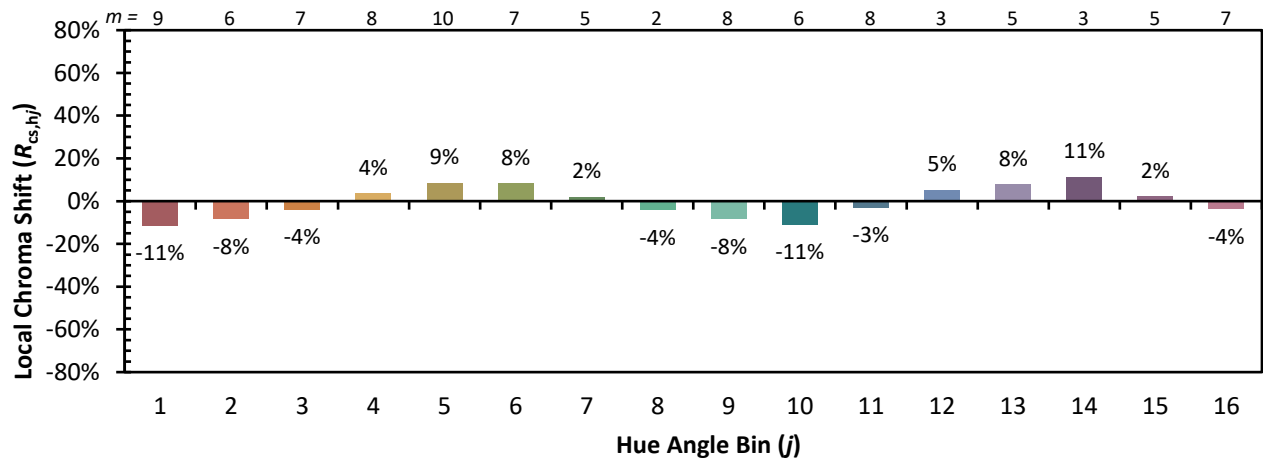


Individual Sample Fidelity Index ($R_{f,i}$)

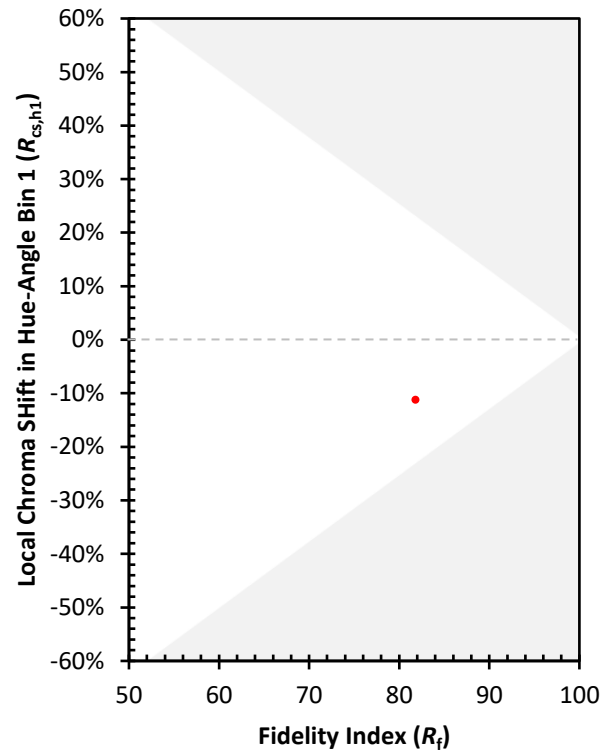
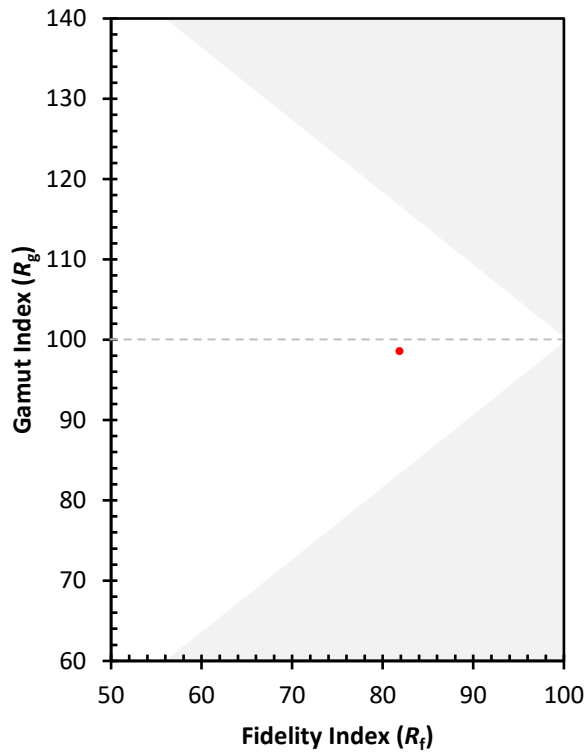
CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)