

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: P1048970

Luminaire Tested: **GALN-SA4B-730-U-RBC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048970
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4B-730-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 4xLight Square PACKAGE
70CRI 3000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (56) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15964.2 lumens
Efficiency: N/A
Efficacy: 110.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

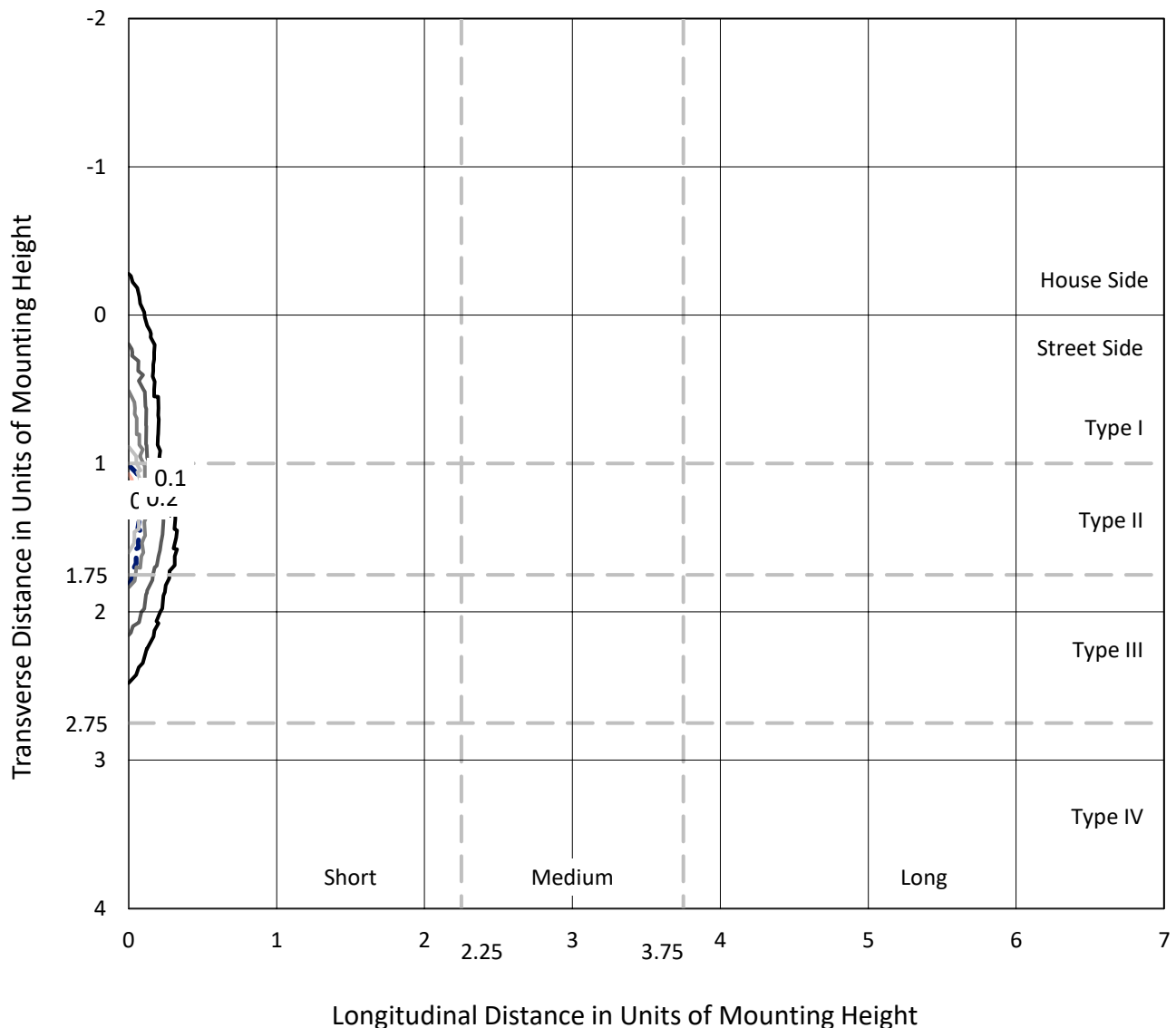
Input Watts (W): 144.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

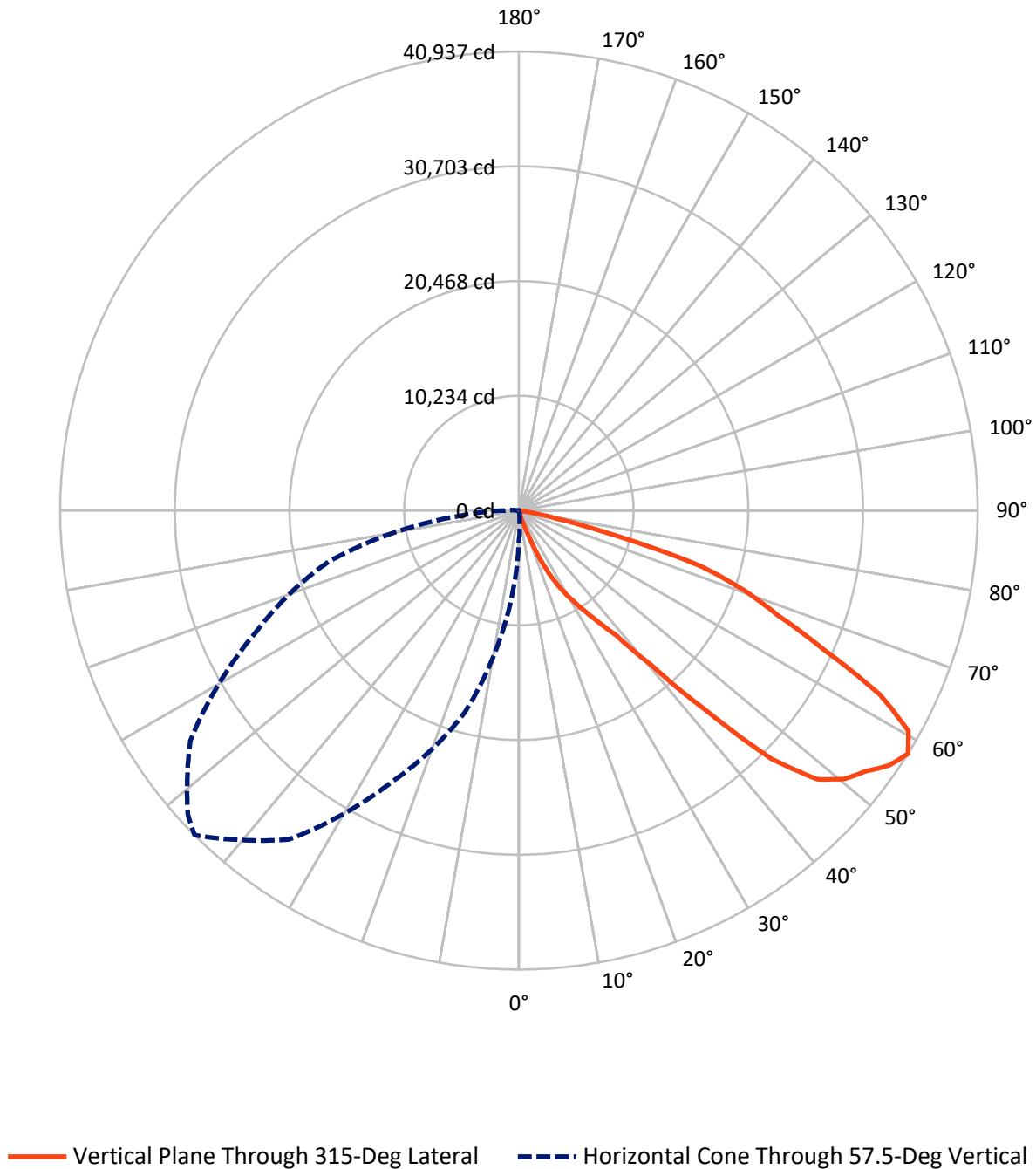
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.4 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	79.9	0.0	79.9
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	15884.2	0.0	15884.2
	% Fixture	99.5	0.0	99.5
Total	Lumens	15964.2	0.0	15964.2
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	6.3	0.0
10°-20°	35.1	0.2
20°-30°	378.3	2.4
30°-40°	1118.8	7.0
40°-50°	3334.3	20.9
50°-60°	5287.0	33.1
60°-70°	4413.3	27.6
70°-80°	1360.9	8.5
80°-90°	30.3	0.2
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	15964.2	100.0
0°-180°	15964.2	100.0

Coefficient of Utilization



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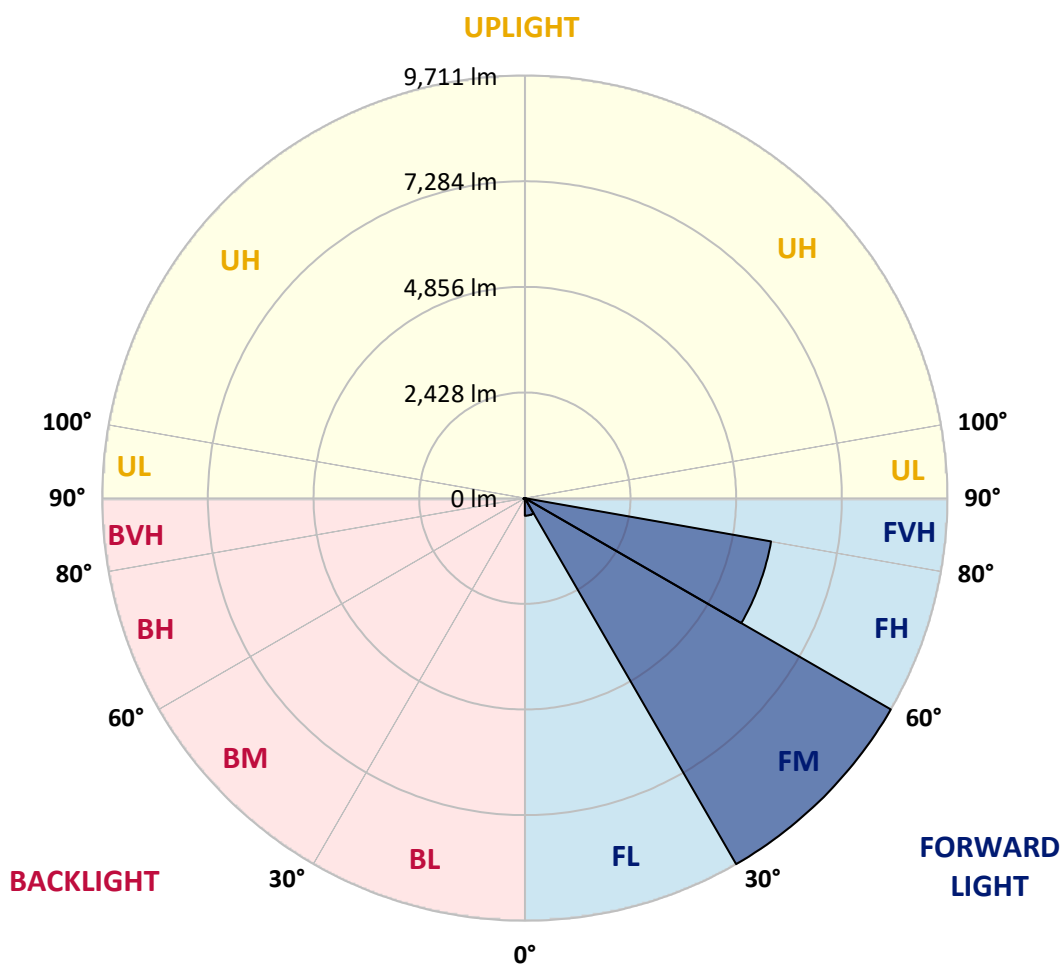
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	405.0	2.5			
FM	(30°-60°)	9711.4	60.8			
FH	(60°-80°)	5744.4	36.0			G3/7500
FVH	(80°-90°)	23.4	0.1			G1/100
BL	(0°-30°)	14.7	0.1	B0/110		
BM	(30°-60°)	28.6	0.2	B0/220		
BH	(60°-80°)	29.8	0.2	B0/110		G0/110
BVH	(80°-90°)	6.9	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-G3

Type III Short





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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
2.5°	63.9	63.9	63.9	63.9	62.7	62.7	61.5	61.5	60.3	60.3
5°	67.6	67.6	66.4	65.1	65.1	63.9	62.7	61.5	61.5	60.3
7.5°	73.6	72.4	71.2	70.0	67.6	66.4	63.9	62.7	61.5	59.1
10°	80.8	78.4	76.0	73.6	71.2	68.8	66.4	65.1	62.7	61.5
12.5°	90.5	86.9	82.0	78.4	76.0	72.4	70.0	67.6	63.9	61.5
15°	98.9	94.1	88.1	83.2	79.6	74.8	71.2	67.6	65.1	61.5
17.5°	111.0	102.5	92.9	86.9	82.0	76.0	70.0	66.4	62.7	57.9
20°	131.5	114.6	96.5	89.3	82.0	74.8	67.6	62.7	59.1	54.3
22.5°	164.1	135.1	106.2	95.3	85.7	74.8	65.1	60.3	55.5	50.7
25°	226.8	174.9	123.1	108.6	94.1	79.6	65.1	59.1	54.3	48.3
27.5°	301.6	224.4	146.0	125.5	106.2	85.7	65.1	57.9	51.9	44.6
30°	377.6	275.1	171.3	144.8	118.2	91.7	65.1	56.7	49.5	41.0
32.5°	450.0	322.1	193.0	161.7	130.3	97.7	66.4	56.7	47.0	37.4
35°	523.6	360.7	196.6	164.1	131.5	97.7	65.1	54.3	44.6	33.8
37.5°	617.7	404.1	189.4	156.8	125.5	92.9	61.5	51.9	42.2	31.4
40°	760.0	476.5	193.0	159.2	125.5	91.7	57.9	48.3	39.8	30.2
42.5°	1023.0	616.5	208.7	170.1	131.5	91.7	53.1	44.6	37.4	29.0
45°	1768.6	1024.2	279.9	222.0	164.1	106.2	48.3	41.0	35.0	27.7
47.5°	2925.5	1714.3	503.1	388.5	275.1	160.5	47.0	41.0	35.0	27.7
50°	3733.8	2183.6	633.4	487.4	341.4	195.4	49.5	42.2	36.2	29.0
52.5°	3727.8	2217.4	705.7	541.7	378.8	214.7	51.9	44.6	38.6	31.4
55°	3314.0	2017.1	719.0	552.5	387.3	220.8	55.5	48.3	41.0	33.8
57.5°	2769.9	1713.1	656.3	507.9	360.7	212.3	63.9	55.5	48.3	39.8
60°	2190.8	1351.2	511.5	404.1	298.0	190.6	84.4	73.6	63.9	53.1
62.5°	1512.8	979.6	446.4	358.3	271.4	183.4	96.5	85.7	76.0	65.1
65°	1070.1	737.1	402.9	328.1	254.6	179.8	105.0	92.9	82.0	70.0
67.5°	799.8	586.3	371.6	307.6	243.7	179.8	115.8	101.3	88.1	73.6
70°	612.9	481.4	348.6	296.8	246.1	194.2	142.4	121.8	102.5	82.0
72.5°	499.4	411.4	322.1	284.7	247.3	209.9	172.5	146.0	119.4	91.7
75°	413.8	352.3	290.7	259.4	229.2	197.8	166.5	142.4	119.4	95.3
77.5°	275.1	250.9	225.6	207.5	189.4	170.1	152.0	131.5	112.2	91.7
80°	96.5	92.9	89.3	96.5	103.8	111.0	118.2	103.8	90.5	76.0
82.5°	14.5	13.3	12.1	13.3	14.5	15.7	16.9	18.1	19.3	20.5
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



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

25°		27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	59.1	59.1	57.9	57.9	57.9	56.7	56.7	55.5	55.5	55.5
0.0	5°	57.9	57.9	56.7	55.5	54.3	54.3	53.1	51.9	51.9	50.7
0.0	7.5°	56.7	55.5	54.3	53.1	51.9	50.7	49.5	48.3	48.3	47.0
0.0	10°	57.9	55.5	54.3	51.9	50.7	49.5	47.0	45.8	44.6	44.6
0.0	12.5°	55.5	54.3	51.9	49.5	48.3	45.8	44.6	42.2	41.0	41.0
0.0	15°	55.5	53.1	49.5	47.0	44.6	43.4	41.0	38.6	37.4	36.2
0.0	17.5°	51.9	49.5	45.8	43.4	41.0	38.6	36.2	33.8	32.6	31.4
0.0	20°	47.0	44.6	41.0	37.4	35.0	32.6	30.2	27.7	26.5	25.3
0.0	22.5°	42.2	39.8	36.2	32.6	30.2	27.7	24.1	21.7	20.5	18.1
0.0	25°	39.8	36.2	32.6	29.0	25.3	22.9	19.3	15.7	13.3	10.9
0.0	27.5°	33.8	30.2	26.5	22.9	19.3	15.7	12.1	8.4	6.0	4.8
0.0	30°	29.0	25.3	21.7	18.1	13.3	9.7	6.0	1.2	1.2	1.2
0.0	32.5°	24.1	20.5	15.7	12.1	9.7	6.0	3.6	0.0	0.0	0.0
0.0	35°	19.3	15.7	10.9	7.2	6.0	3.6	2.4	0.0	0.0	0.0
0.0	37.5°	16.9	13.3	8.4	3.6	2.4	2.4	1.2	0.0	0.0	0.0
0.0	40°	15.7	10.9	6.0	1.2	1.2	1.2	0.0	0.0	0.0	0.0
0.0	42.5°	15.7	10.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	15.7	10.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	15.7	10.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	16.9	12.1	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	19.3	14.5	9.7	4.8	3.6	2.4	1.2	0.0	0.0	0.0
0.0	55°	24.1	21.7	18.1	15.7	12.1	8.4	3.6	0.0	0.0	0.0
0.0	57.5°	31.4	31.4	30.2	29.0	21.7	14.5	7.2	0.0	0.0	0.0
0.0	60°	42.2	42.2	42.2	42.2	31.4	21.7	10.9	0.0	0.0	0.0
0.0	62.5°	51.9	49.5	45.8	43.4	32.6	21.7	10.9	0.0	0.0	0.0
0.0	65°	51.9	47.0	41.0	35.0	26.5	18.1	8.4	0.0	0.0	0.0
0.0	67.5°	48.3	38.6	27.7	18.1	13.3	9.7	4.8	0.0	0.0	0.0
	70°	48.3	33.8	19.3	4.8	3.6	2.4	1.2	0.0	0.0	0.0
	72.5°	48.3	32.6	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	53.1	36.2	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	53.1	36.2	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	47.0	31.4	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	15.7	10.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

52.5°		55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	54.3	54.3	54.3	53.1	53.1	53.1	53.1	51.9	51.9	51.9
0.0	5°	49.5	49.5	48.3	48.3	47.0	47.0	45.8	45.8	44.6	44.6
0.0	7.5°	45.8	44.6	44.6	43.4	42.2	42.2	41.0	41.0	39.8	38.6
0.0	10°	42.2	41.0	41.0	39.8	38.6	37.4	37.4	36.2	35.0	33.8
0.0	12.5°	38.6	37.4	36.2	35.0	33.8	32.6	32.6	31.4	30.2	29.0
0.0	15°	33.8	32.6	31.4	30.2	29.0	27.7	27.7	26.5	25.3	24.1
0.0	17.5°	29.0	27.7	27.7	26.5	25.3	24.1	22.9	20.5	19.3	18.1
0.0	20°	21.7	20.5	19.3	18.1	16.9	14.5	13.3	10.9	8.4	7.2
0.0	22.5°	14.5	12.1	10.9	8.4	6.0	4.8	3.6	1.2	0.0	0.0
0.0	25°	4.8	3.6	2.4	1.2	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-SA4B-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048970

CATALOG NUMBER: GALN-SA4B-730-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	50.7	50.7	50.7	49.5	49.5	49.5	49.5	49.5	49.5	49.5
0.0	5°	43.4	43.4	43.4	42.2	42.2	41.0	41.0	41.0	39.8	39.8
0.0	7.5°	37.4	36.2	36.2	35.0	35.0	33.8	33.8	33.8	32.6	32.6
0.0	10°	31.4	30.2	30.2	29.0	29.0	27.7	27.7	26.5	26.5	25.3
0.0	12.5°	27.7	26.5	25.3	24.1	24.1	22.9	21.7	21.7	20.5	19.3
0.0	15°	21.7	20.5	19.3	18.1	16.9	15.7	14.5	14.5	13.3	12.1
0.0	17.5°	14.5	12.1	10.9	9.7	9.7	8.4	7.2	6.0	4.8	3.6
0.0	20°	3.6	2.4	1.2	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: P1048970

CATALOG NUMBER: GALN-SA4B-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048970

CATALOG NUMBER: GALN-SA4B-730-U-RBC

CANDELA DISTRIBUTION (continued):

107.5°		110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	49.5	48.3	48.3	48.3	49.5	49.5	49.5	49.5	49.5	49.5
0.0	5°	39.8	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
0.0	7.5°	32.6	31.4	31.4	31.4	31.4	30.2	30.2	30.2	30.2	30.2
0.0	10°	25.3	24.1	24.1	24.1	24.1	22.9	22.9	22.9	22.9	22.9
0.0	12.5°	18.1	18.1	16.9	16.9	16.9	15.7	15.7	15.7	15.7	14.5
0.0	15°	10.9	9.7	8.4	8.4	8.4	7.2	7.2	7.2	7.2	6.0
0.0	17.5°	2.4	2.4	1.2	1.2	1.2	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-SA4B-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048970

CATALOG NUMBER: GALN-SA4B-730-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	50.7	50.7	51.9	51.9	53.1	55.5	56.7	57.9	60.3	62.7
0.0	5°	39.8	41.0	41.0	42.2	43.4	44.6	45.8	47.0	49.5	51.9
0.0	7.5°	31.4	31.4	32.6	32.6	33.8	36.2	37.4	38.6	41.0	44.6
0.0	10°	24.1	24.1	25.3	25.3	26.5	29.0	30.2	31.4	33.8	37.4
0.0	12.5°	15.7	16.9	16.9	18.1	19.3	21.7	22.9	24.1	26.5	29.0
0.0	15°	7.2	8.4	8.4	9.7	10.9	13.3	14.5	15.7	18.1	21.7
0.0	17.5°	1.2	1.2	2.4	2.4	3.6	4.8	6.0	7.2	10.9	13.3
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.8
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA4B-730-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1048970

CATALOG NUMBER: GALN-SA4B-730-U-RBC

CANDELA DISTRIBUTION (continued):

162.5°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	66.4	68.8	71.2	73.6	76.0	78.4	79.6	82.0	83.2	84.4
0.0	5°	56.7	59.1	62.7	65.1	67.6	70.0	72.4	73.6	74.8	76.0
0.0	7.5°	49.5	51.9	55.5	57.9	60.3	62.7	65.1	67.6	68.8	70.0
0.0	10°	42.2	45.8	48.3	51.9	54.3	56.7	59.1	61.5	63.9	65.1
0.0	12.5°	33.8	37.4	41.0	43.4	47.0	50.7	53.1	55.5	57.9	60.3
0.0	15°	26.5	30.2	33.8	36.2	39.8	43.4	47.0	49.5	51.9	54.3
0.0	17.5°	19.3	22.9	26.5	29.0	32.6	36.2	38.6	42.2	44.6	47.0
0.0	20°	9.7	13.3	16.9	20.5	24.1	27.7	30.2	33.8	36.2	38.6
0.0	22.5°	1.2	4.8	8.4	10.9	14.5	18.1	20.5	24.1	26.5	29.0
0.0	25°	0.0	1.2	3.6	4.8	6.0	8.4	10.9	13.3	15.7	18.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	1.2	2.4	4.8	7.2	9.7
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4
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	1.2
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.4
	85°	0.0	0.0	0.0	0.0	0.0	2.4	3.6	6.0	7.2	8.4
	87.5°	0.0	1.2	2.4	3.6	4.8	7.2	9.7	12.1	13.3	14.5
	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: P1048970

CATALOG NUMBER: GALN-SA4B-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
70.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.4	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.2	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.2	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.6	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.7	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21.7	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3.6	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											
1.2											
4.8											
10.9											
15.7											
0.0											
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REPORT NUMBER: P1048970

CATALOG NUMBER: GALN-SA4B-730-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	85.7	85.7	85.7	85.7	84.4	84.4	84.4	83.2	83.2	82.0
0.0	5°	78.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	78.4	78.4
0.0	7.5°	72.4	73.6	74.8	74.8	76.0	76.0	76.0	74.8	74.8	73.6
0.0	10°	68.8	70.0	70.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2
0.0	12.5°	63.9	65.1	66.4	66.4	67.6	67.6	67.6	67.6	66.4	66.4
0.0	15°	57.9	60.3	61.5	62.7	62.7	63.9	63.9	63.9	63.9	63.9
0.0	17.5°	53.1	55.5	56.7	57.9	57.9	59.1	59.1	60.3	60.3	60.3
0.0	20°	43.4	45.8	47.0	49.5	50.7	51.9	53.1	54.3	54.3	55.5
0.0	22.5°	33.8	36.2	37.4	39.8	41.0	42.2	43.4	44.6	45.8	47.0
0.0	25°	24.1	26.5	27.7	30.2	31.4	32.6	33.8	35.0	35.0	36.2
0.0	27.5°	13.3	15.7	18.1	19.3	21.7	22.9	24.1	25.3	26.5	27.7
0.0	30°	6.0	7.2	8.4	10.9	12.1	13.3	14.5	16.9	18.1	19.3
0.0	32.5°	0.0	0.0	1.2	3.6	4.8	6.0	7.2	8.4	8.4	9.7
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.4	3.6	4.8
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°	2.4	2.4	2.4	3.6	3.6	3.6	3.6	3.6	3.6	3.6
	82.5°	6.0	7.2	8.4	8.4	9.7	9.7	9.7	9.7	8.4	8.4
	85°	12.1	13.3	14.5	14.5	15.7	15.7	15.7	15.7	15.7	15.7
	87.5°	16.9	18.1	19.3	19.3	20.5	20.5	20.5	20.5	20.5	20.5
	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: P1048970

CATALOG NUMBER: GALN-SA4B-730-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
70.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.0	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.4	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
63.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.0	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20.5	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12.1	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.2	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											
3.6											
8.4											
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20.5											
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REPORT NUMBER: P1048970

CATALOG NUMBER: GALN-SA4B-730-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	80.8	80.8	79.6	79.6	79.6	79.6	79.6	80.8	82.0	82.0
0.0	5°	77.2	77.2	76.0	76.0	76.0	77.2	77.2	78.4	79.6	80.8
0.0	7.5°	73.6	72.4	72.4	73.6	73.6	74.8	74.8	76.0	77.2	78.4
0.0	10°	71.2	70.0	70.0	70.0	71.2	71.2	72.4	73.6	74.8	76.0
0.0	12.5°	66.4	66.4	66.4	66.4	67.6	67.6	68.8	70.0	72.4	73.6
0.0	15°	63.9	62.7	62.7	62.7	62.7	63.9	63.9	66.4	68.8	70.0
0.0	17.5°	59.1	59.1	57.9	57.9	59.1	59.1	60.3	62.7	65.1	66.4
0.0	20°	54.3	53.1	51.9	51.9	53.1	53.1	54.3	56.7	59.1	60.3
0.0	22.5°	47.0	45.8	45.8	45.8	45.8	47.0	47.0	49.5	53.1	55.5
0.0	25°	37.4	38.6	38.6	39.8	39.8	41.0	42.2	44.6	48.3	50.7
0.0	27.5°	29.0	30.2	30.2	32.6	33.8	35.0	36.2	39.8	43.4	45.8
0.0	30°	21.7	22.9	24.1	25.3	27.7	30.2	32.6	36.2	39.8	42.2
0.0	32.5°	13.3	15.7	16.9	19.3	21.7	24.1	26.5	30.2	35.0	38.6
0.0	35°	9.7	10.9	13.3	14.5	16.9	19.3	21.7	26.5	30.2	35.0
0.0	37.5°	4.8	7.2	9.7	12.1	14.5	16.9	19.3	24.1	29.0	32.6
0.0	40°	3.6	6.0	7.2	9.7	13.3	15.7	18.1	22.9	27.7	32.6
0.0	42.5°	2.4	3.6	4.8	8.4	10.9	14.5	18.1	22.9	27.7	32.6
0.0	45°	2.4	2.4	3.6	7.2	10.9	15.7	19.3	24.1	27.7	32.6
0.0	47.5°	2.4	3.6	4.8	9.7	12.1	15.7	19.3	22.9	27.7	31.4
0.0	50°	3.6	4.8	6.0	10.9	13.3	16.9	19.3	24.1	27.7	32.6
0.0	52.5°	2.4	3.6	4.8	9.7	13.3	18.1	21.7	26.5	31.4	35.0
0.0	55°	1.2	1.2	1.2	7.2	14.5	20.5	27.7	31.4	36.2	39.8
0.0	57.5°	0.0	0.0	0.0	4.8	14.5	22.9	31.4	36.2	41.0	44.6
0.0	60°	0.0	0.0	0.0	4.8	14.5	22.9	31.4	37.4	43.4	49.5
0.0	62.5°	0.0	0.0	0.0	4.8	12.1	19.3	26.5	36.2	47.0	56.7
0.0	65°	0.0	0.0	0.0	3.6	9.7	15.7	21.7	36.2	50.7	63.9
0.0	67.5°	0.0	0.0	0.0	3.6	9.7	14.5	20.5	36.2	50.7	66.4
	70°	0.0	0.0	0.0	3.6	9.7	15.7	21.7	36.2	50.7	65.1
	72.5°	0.0	0.0	0.0	3.6	10.9	16.9	24.1	36.2	48.3	60.3
	75°	0.0	0.0	0.0	4.8	10.9	18.1	25.3	36.2	47.0	56.7
	77.5°	0.0	0.0	0.0	3.6	10.9	16.9	24.1	35.0	45.8	55.5
	80°	3.6	2.4	2.4	6.0	10.9	15.7	20.5	31.4	43.4	54.3
	82.5°	7.2	7.2	6.0	8.4	10.9	14.5	18.1	27.7	38.6	48.3
	85°	14.5	14.5	13.3	14.5	14.5	15.7	16.9	21.7	26.5	31.4
	87.5°	19.3	19.3	18.1	18.1	18.1	16.9	16.9	16.9	16.9	15.7
	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: P1048970

CATALOG NUMBER: GALN-SA4B-730-U-RBC

CANDELA DISTRIBUTION (continued):

245°		220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
70.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
83.2	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.0	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.6	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.4	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.8	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.9	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.2	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.4	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.8	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.4	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.5	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55.5	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.4	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.6											
72.4											
67.6											
66.4											
65.1											
57.9											
36.2											
15.7											
0.0											
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0.0											

REPORT NUMBER: P1048970

CATALOG NUMBER: GALN-SA4B-730-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	84.4	85.7	85.7	86.9	88.1	89.3	89.3	90.5	90.5	90.5
0.0	5°	83.2	85.7	86.9	88.1	89.3	90.5	91.7	92.9	94.1	94.1
0.0	7.5°	82.0	83.2	85.7	86.9	89.3	90.5	92.9	94.1	95.3	96.5
0.0	10°	79.6	82.0	84.4	86.9	89.3	91.7	94.1	96.5	98.9	100.1
0.0	12.5°	77.2	80.8	83.2	85.7	89.3	92.9	95.3	98.9	101.3	103.8
0.0	15°	76.0	78.4	82.0	84.4	89.3	94.1	97.7	102.5	107.4	111.0
0.0	17.5°	72.4	77.2	80.8	84.4	89.3	95.3	100.1	105.0	112.2	119.4
0.0	20°	67.6	71.2	76.0	79.6	86.9	92.9	100.1	106.2	117.0	127.9
0.0	22.5°	62.7	67.6	71.2	76.0	84.4	91.7	100.1	107.4	125.5	142.4
0.0	25°	57.9	63.9	68.8	73.6	83.2	92.9	102.5	112.2	142.4	172.5
0.0	27.5°	55.5	60.3	66.4	71.2	83.2	96.5	108.6	120.6	168.9	215.9
0.0	30°	51.9	57.9	62.7	68.8	84.4	100.1	115.8	131.5	205.1	278.7
0.0	32.5°	48.3	54.3	60.3	66.4	86.9	107.4	126.7	147.2	243.7	339.0
0.0	35°	44.6	51.9	57.9	63.9	90.5	118.2	144.8	171.3	278.7	384.8
0.0	37.5°	43.4	50.7	56.7	62.7	91.7	119.4	148.4	176.1	282.3	388.5
0.0	40°	44.6	50.7	57.9	63.9	88.1	112.2	135.1	159.2	270.2	380.0
0.0	42.5°	44.6	51.9	59.1	66.4	85.7	105.0	124.3	143.6	266.6	389.7
0.0	45°	43.4	50.7	57.9	65.1	83.2	100.1	118.2	135.1	288.3	440.3
0.0	47.5°	42.2	49.5	56.7	63.9	82.0	100.1	118.2	136.3	372.8	608.0
0.0	50°	42.2	49.5	55.5	61.5	83.2	106.2	127.9	149.6	542.9	935.0
0.0	52.5°	44.6	50.7	55.5	60.3	85.7	112.2	137.5	162.9	690.1	1216.1
0.0	55°	48.3	51.9	56.7	60.3	91.7	121.8	153.2	183.4	734.7	1286.0
0.0	57.5°	53.1	56.7	60.3	63.9	102.5	141.1	178.5	217.2	738.3	1258.3
0.0	60°	59.1	63.9	67.6	71.2	112.2	154.4	195.4	236.5	668.3	1099.0
0.0	62.5°	72.4	78.4	83.2	89.3	129.1	167.7	207.5	246.1	554.9	863.8
0.0	65°	83.2	88.1	92.9	97.7	136.3	176.1	214.7	253.3	470.5	687.6
0.0	67.5°	85.7	90.5	94.1	98.9	138.7	178.5	217.2	257.0	402.9	547.7
	70°	86.9	92.9	100.1	106.2	147.2	188.2	228.0	269.0	357.1	445.2
	72.5°	83.2	95.3	106.2	117.0	155.6	193.0	231.6	269.0	331.8	394.5
	75°	83.2	100.1	115.8	131.5	160.5	188.2	217.2	244.9	293.2	341.4
	77.5°	88.1	109.8	131.5	153.2	170.1	185.8	202.7	218.4	249.7	281.1
	80°	88.1	111.0	132.7	155.6	162.9	171.3	178.5	185.8	189.4	193.0
	82.5°	76.0	94.1	112.2	130.3	121.8	113.4	105.0	96.5	90.5	83.2
	85°	38.6	42.2	44.6	47.0	43.4	39.8	36.2	32.6	30.2	26.5
	87.5°	15.7	15.7	14.5	14.5	14.5	14.5	13.3	13.3	13.3	13.3
	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: P1048970

CATALOG NUMBER: GALN-SA4B-730-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
70.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.5	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.4	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.4	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
189.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
257.0	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
357.1	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
483.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
604.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
686.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
748.0	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
809.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
930.1	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1171.4	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1785.5	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2734.9	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3443.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3521.5	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3177.7	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2716.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2123.3	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1604.5	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1184.7	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
838.4											
623.7											
453.6											
341.4											
191.8											
86.9											
25.3											
12.1											
0.0											
0.0											
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REPORT NUMBER: P1048970

CATALOG NUMBER: GALN-SA4B-730-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	90.5	89.3	89.3	88.1	86.9	85.7	84.4	83.2	82.0	80.8
0.0	5°	94.1	94.1	94.1	92.9	92.9	91.7	91.7	90.5	89.3	88.1
0.0	7.5°	97.7	98.9	98.9	100.1	100.1	100.1	100.1	98.9	98.9	98.9
0.0	10°	103.8	105.0	106.2	107.4	108.6	109.8	109.8	111.0	111.0	111.0
0.0	12.5°	111.0	114.6	117.0	120.6	123.1	126.7	129.1	132.7	135.1	137.5
0.0	15°	121.8	127.9	135.1	141.1	147.2	155.6	165.3	173.7	182.2	195.4
0.0	17.5°	137.5	156.8	176.1	194.2	213.5	255.8	298.0	339.0	381.2	442.7
0.0	20°	167.7	225.6	282.3	340.2	396.9	545.3	692.5	840.9	988.0	1146.1
0.0	22.5°	235.2	377.6	520.0	662.3	804.7	1114.7	1423.6	1733.6	2042.4	2405.6
0.0	25°	341.4	603.2	865.0	1125.6	1387.4	1872.3	2358.5	2843.5	3328.5	3800.2
0.0	27.5°	497.0	897.6	1298.1	1697.4	2097.9	2755.4	3414.1	4071.6	4729.1	5262.3
0.0	30°	688.9	1231.7	1774.6	2317.5	2860.4	3608.3	4356.3	5103.1	5851.0	6433.7
0.0	32.5°	869.8	1534.5	2199.3	2862.8	3527.5	4379.2	5232.2	6083.9	6935.6	7572.6
0.0	35°	988.0	1791.5	2596.2	3399.6	4203.1	5124.8	6046.5	6967.0	7888.6	8616.1
0.0	37.5°	1106.3	2034.0	2960.5	3888.2	4814.7	5826.9	6839.1	7851.2	8863.4	9762.2
0.0	40°	1239.0	2327.1	3414.1	4502.3	5589.2	6788.4	7986.4	9185.5	10383.5	11651.4
0.0	42.5°	1469.4	2813.3	4158.5	5502.4	6846.3	8432.7	10019.1	11604.4	13190.8	15000.4
0.0	45°	1902.5	3796.5	5691.8	7585.8	9479.9	11581.4	13684.2	15785.7	17887.3	20295.3
0.0	47.5°	2962.9	5568.7	8173.4	10779.2	13383.8	15653.0	17921.1	20190.3	22458.3	24856.6
0.0	50°	4533.6	7566.5	10599.4	13631.1	16664.0	18717.3	20769.4	22822.7	24874.7	27156.0
0.0	52.5°	5670.1	8829.6	11990.4	15150.0	18309.5	20162.5	22016.8	23869.8	25722.8	27854.5
0.0	55°	5755.7	8897.2	12039.9	15181.3	18322.8	20184.3	22045.7	23907.2	25768.7	28028.3
0.0	57.5°	5095.8	8212.0	11326.9	14443.0	17557.9	19677.6	21796.0	23915.7	26034.1	28477.1
0.0	60°	4334.6	7451.9	10568.1	13685.4	16801.5	19243.3	21686.2	24128.0	26569.7	28858.3
0.0	62.5°	3381.5	6588.1	9796.0	13002.6	16209.2	18688.3	21167.5	23645.4	26124.6	27841.3
0.0	65°	2520.2	5633.9	8747.6	11860.1	14973.8	16959.6	18945.3	20929.8	22915.6	23978.4
0.0	67.5°	1821.7	4507.1	7191.3	9876.8	12561.0	13982.2	15403.3	16823.2	18244.4	19057.5
	70°	1231.7	3092.0	4951.1	6811.3	8670.4	9838.2	11007.2	12175.0	13342.8	14440.6
	72.5°	852.9	1897.7	2943.6	3988.4	5033.1	6208.1	7382.0	8557.0	9730.8	10892.6
	75°	565.8	1041.1	1517.7	1993.0	2468.3	3338.1	4209.1	5078.9	5948.8	6641.2
	77.5°	401.7	544.1	687.6	830.0	972.4	1135.2	1299.3	1462.2	1625.0	1872.3
	80°	190.6	208.7	226.8	243.7	261.8	320.9	380.0	439.1	498.2	561.0
	82.5°	90.5	97.7	105.0	111.0	118.2	124.3	130.3	136.3	142.4	136.3
	85°	24.1	24.1	25.3	25.3	25.3	25.3	25.3	25.3	25.3	24.1
	87.5°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	9.7	9.7	8.4
	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
70.0	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.7	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.2	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.7	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
209.9	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
503.1	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1305.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2768.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4271.9	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5795.5	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7017.6	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8210.8	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9343.6	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10662.2	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12919.3	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16810.0	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22703.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27255.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29437.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29986.3	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30289.1	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30920.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31145.6	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29559.2	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25042.4	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19871.8	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15537.2											
12054.3											
7333.7											
2119.6											
623.7											
129.1											
22.9											
8.4											
0.0											
0.0											
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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	2.5°	78.4	77.2	76.0	74.8	73.6	71.2	71.2	70.0	70.0
0.0	5°	85.7	84.4	83.2	82.0	82.0	80.8	79.6	79.6	78.4
0.0	7.5°	97.7	96.5	95.3	94.1	94.1	92.9	92.9	91.7	91.7
0.0	10°	112.2	112.2	112.2	112.2	112.2	111.0	111.0	111.0	109.8
0.0	12.5°	141.1	142.4	144.8	147.2	150.8	150.8	150.8	149.6	149.6
0.0	15°	223.2	236.5	246.1	255.8	264.2	283.5	281.1	277.5	275.1
0.0	17.5°	564.6	624.9	657.5	688.9	721.4	810.7	796.2	781.7	768.5
0.0	20°	1463.4	1621.4	1726.4	1831.3	1937.5	2105.2	2064.1	2023.1	1982.1
0.0	22.5°	3130.6	3493.7	3651.8	3809.8	3966.6	4169.3	4037.8	3906.3	3776.0
0.0	25°	4742.4	5214.1	5480.7	5747.3	6012.7	6128.5	5957.2	5784.7	5613.4
0.0	27.5°	6328.8	6862.0	7097.2	7331.3	7566.5	7809.0	7596.7	7383.2	7170.8
0.0	30°	7600.3	8183.0	8437.6	8690.9	8945.4	9114.3	8894.8	8674.0	8454.4
0.0	32.5°	8847.7	9484.7	9763.4	10042.1	10319.5	10562.0	10291.8	10020.4	9750.1
0.0	35°	10069.8	10797.3	11180.9	11564.5	11948.2	12173.8	11852.9	11530.8	11209.9
0.0	37.5°	11560.9	12459.7	12889.2	13318.6	13748.1	14159.5	13806.0	13451.3	13097.9
0.0	40°	14187.3	15455.2	16113.9	16773.8	17432.5	17963.3	17516.9	17070.5	16624.2
0.0	42.5°	18619.6	20429.2	21376.2	22322.0	23269.0	24097.8	23628.5	23159.2	22690.0
0.0	45°	25111.2	27519.2	28673.7	29827.0	30981.5	31587.1	30911.6	30234.8	29559.2
0.0	47.5°	29652.1	32050.4	33078.3	34106.1	35134.0	35825.2	34998.8	34172.5	33347.3
0.0	50°	31717.4	33998.7	35030.2	36060.5	37091.9	37640.9	36686.6	35731.1	34776.9
0.0	52.5°	32116.8	34248.5	35479.0	36710.7	37941.3	38674.7	37548.0	36420.0	35293.2
0.0	55°	32548.6	34808.2	36235.4	37663.8	39090.9	40106.7	38832.8	37557.6	36283.7
0.0	57.5°	33361.8	35804.7	37228.3	38650.6	40074.2	40936.7	39659.2	38380.4	37102.8
0.0	60°	33434.1	35721.5	36944.8	38169.3	39392.5	39935.4	38713.3	37490.1	36268.0
0.0	62.5°	31275.9	32992.6	33841.9	34691.2	35540.5	36130.4	34855.3	33578.9	32303.7
0.0	65°	26105.3	27168.1	27844.9	28521.7	29198.5	29901.8	28734.0	27566.2	26398.4
0.0	67.5°	20684.9	21498.0	22389.6	23281.1	24172.6	24924.2	23989.2	23053.1	22118.1
	70°	16635.0	17731.7	18734.2	19736.7	20739.2	21354.5	20415.9	19476.1	18537.5
	72.5°	13216.1	14377.9	15215.1	16051.1	16888.4	17039.2	16349.1	15659.1	14970.2
	75°	8025.0	8717.4	8734.3	8750.0	8766.9	8910.5	8338.6	7766.8	7196.2
	77.5°	2367.0	2614.3	2818.1	3020.8	3224.7	3470.8	3260.9	3049.8	2839.9
	80°	685.2	748.0	801.0	852.9	906.0	874.6	825.2	775.7	726.3
	82.5°	123.1	115.8	114.6	113.4	113.4	107.4	97.7	88.1	78.4
	85°	21.7	20.5	19.3	18.1	16.9	15.7	13.3	12.1	9.7
	87.5°	7.2	6.0	4.8	3.6	3.6	1.2	1.2	1.2	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]

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CANDELA DISTRIBUTION (continued):

325°	327.5°		330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°
0.0	0.0	0°	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0.0	0.0	2.5°	68.8	67.6	67.6	67.6	67.6	66.4	66.4	66.4	66.4
0.0	0.0	5°	76.0	76.0	74.8	74.8	73.6	73.6	72.4	72.4	71.2
0.0	0.0	7.5°	89.3	88.1	86.9	85.7	84.4	82.0	80.8	79.6	79.6
0.0	0.0	10°	107.4	105.0	103.8	101.3	100.1	97.7	95.3	92.9	90.5
0.0	0.0	12.5°	141.1	136.3	132.7	127.9	123.1	119.4	114.6	111.0	106.2
0.0	0.0	15°	244.9	232.8	219.6	203.9	187.0	171.3	154.4	144.8	133.9
0.0	0.0	17.5°	626.1	563.4	499.4	447.6	395.7	345.0	293.2	255.8	218.4
0.0	0.0	20°	1593.7	1419.9	1246.2	1074.9	902.4	731.1	558.6	471.7	384.8
0.0	0.0	22.5°	2999.1	2677.0	2353.7	2041.2	1727.6	1415.1	1102.6	906.0	710.6
0.0	0.0	25°	4629.0	4223.6	3818.3	3304.3	2789.2	2275.3	1761.3	1441.6	1122.0
0.0	0.0	27.5°	6023.6	5556.7	5089.8	4464.9	3840.0	3215.1	2590.1	2113.6	1638.3
0.0	0.0	30°	7231.2	6729.3	6227.4	5500.0	4772.5	4045.1	3317.6	2721.6	2125.7
0.0	0.0	32.5°	8278.3	7677.5	7076.7	6326.4	5576.0	4825.6	4075.2	3344.1	2613.1
0.0	0.0	35°	9485.9	8785.0	8082.9	7250.5	6416.8	5584.4	4752.0	3926.8	3100.4
0.0	0.0	37.5°	11020.5	10160.3	9298.9	8371.2	7443.5	6517.0	5589.2	4645.8	3702.4
0.0	0.0	40°	13958.0	12848.2	11738.3	10559.6	9379.8	8201.1	7022.4	5864.3	4706.2
0.0	0.0	42.5°	19221.6	17722.0	16222.4	14654.1	13084.6	11516.3	9946.8	8313.3	6678.6
0.0	0.0	45°	25161.9	23301.6	21440.1	19680.0	17918.6	16158.5	14398.4	12156.9	9915.4
0.0	0.0	47.5°	28502.4	26493.7	24485.1	22819.0	21153.0	19487.0	17820.9	15404.5	12988.1
0.0	0.0	50°	29731.7	27686.9	25642.0	24108.7	22574.1	21040.8	19506.3	17086.2	14665.0
0.0	0.0	52.5°	29993.5	27907.6	25821.8	24278.8	22735.8	21194.0	19651.0	17246.7	14842.3
0.0	0.0	55°	30531.5	28293.7	26054.6	24295.7	22536.7	20777.8	19018.9	16575.9	14133.0
0.0	0.0	57.5°	31234.9	28940.3	26645.7	24641.9	22638.1	20635.5	18631.6	15960.7	13289.7
0.0	0.0	60°	31050.3	29053.7	27055.9	24909.7	22762.3	20616.2	18468.8	15531.2	12592.4
0.0	0.0	62.5°	27846.1	26256.1	24664.8	22899.9	21133.7	19368.7	17603.8	14579.3	11554.9
0.0	0.0	65°	22908.3	21747.8	20587.2	19167.3	17746.1	16326.2	14906.3	12194.3	9483.5
0.0	0.0	67.5°	18566.5	17258.7	15949.8	14818.2	13685.4	12553.8	11421.0	9286.9	7152.7
		70°	14750.6	13328.3	11904.7	10799.7	9693.4	8588.4	7483.3	6064.6	4647.0
		72.5°	11714.1	10431.7	9149.3	7970.7	6790.8	5612.2	4432.3	3593.9	2755.4
		75°	5598.9	5086.2	4573.5	3957.0	3340.5	2724.0	2107.6	1742.0	1377.7
		77.5°	2075.0	1798.7	1521.3	1270.3	1019.4	769.7	518.8	475.3	431.9
		80°	536.8	468.1	398.1	348.6	298.0	248.5	199.1	179.8	161.7
		82.5°	61.5	56.7	53.1	50.7	47.0	44.6	41.0	37.4	33.8
		85°	3.6	2.4	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



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CANDELA DISTRIBUTION (continued):

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CATALOG NUMBER: GALN-SA4B-730-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	70.0	70.0
0.0	0.0	2.5°	65.1	63.9
0.0	0.0	5°	68.8	67.6
0.0	0.0	7.5°	76.0	73.6
0.0	0.0	10°	83.2	80.8
0.0	0.0	12.5°	94.1	90.5
0.0	0.0	15°	106.2	98.9
0.0	0.0	17.5°	126.7	111.0
0.0	0.0	20°	171.3	131.5
0.0	0.0	22.5°	241.3	164.1
0.0	0.0	25°	354.7	226.8
0.0	0.0	27.5°	493.4	301.6
0.0	0.0	30°	656.3	377.6
0.0	0.0	32.5°	799.8	450.0
0.0	0.0	35°	986.8	523.6
0.0	0.0	37.5°	1217.3	617.7
0.0	0.0	40°	1574.4	760.0
0.0	0.0	42.5°	2217.4	1023.0
0.0	0.0	45°	3601.1	1768.6
0.0	0.0	47.5°	5541.0	2925.5
0.0	0.0	50°	6778.8	3733.8
0.0	0.0	52.5°	6880.1	3727.8
0.0	0.0	55°	6280.5	3314.0
0.0	0.0	57.5°	5358.8	2769.9
0.0	0.0	60°	4454.0	2190.8
0.0	0.0	62.5°	3509.4	1512.8
0.0	0.0	65°	2564.8	1070.1
0.0	0.0	67.5°	1842.2	799.8
		70°	1211.2	612.9
		72.5°	789.0	499.4
		75°	530.8	413.8
		77.5°	310.0	275.1
		80°	109.8	96.5
		82.5°	20.5	14.5
		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: P1048970

CATALOG NUMBER: GALN-SA4B-730-U-RBC

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	0.0	0.0
115°	0.0	0.0
117.5°	0.0	0.0
120°	0.0	0.0
122.5°	0.0	0.0
125°	0.0	0.0
127.5°	0.0	0.0
130°	0.0	0.0
132.5°	0.0	0.0
135°	0.0	0.0
137.5°	0.0	0.0
140°	0.0	0.0
142.5°	0.0	0.0
145°	0.0	0.0
147.5°	0.0	0.0
150°	0.0	0.0
152.5°	0.0	0.0
155°	0.0	0.0
157.5°	0.0	0.0
160°	0.0	0.0
162.5°	0.0	0.0
165°	0.0	0.0
167.5°	0.0	0.0
170°	0.0	0.0
172.5°	0.0	0.0
175°	0.0	0.0
177.5°	0.0	0.0
180°	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-4

Test Date: 10/10/2024

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

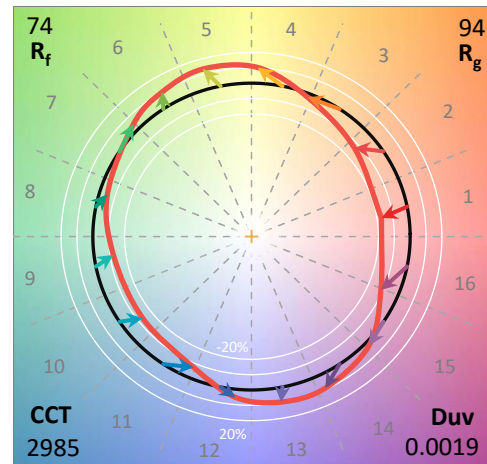
Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	2985	CRI (Ra):	70.8		
CIE u':	0.2504	R1:	66.3	R9:	-43.2
CIE v':	0.5243	R2:	80.6	R10:	57.6
Duv:	0.0019	R3:	94.5	R11:	64.8
CIE x:	0.4408	R4:	68.2	R12:	53.5
CIE y:	0.4101	R5:	66.5	R13:	68.7
CIE z:	0.1491	R6:	74.7	R14:	97.0
Peak Wavelength (nm):	595	R7:	76.2	R15:	56.4
Dominant Wavelength (nm):	582	R8:	39.6		
Purity:	55.41818				
Rf:	73.8				
Rg:	94.4				



Test Conditions

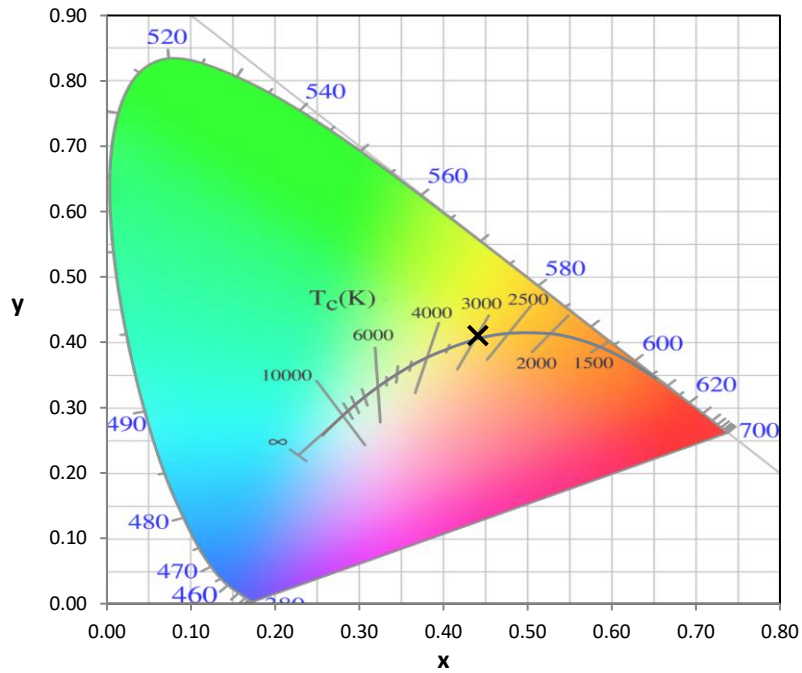
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

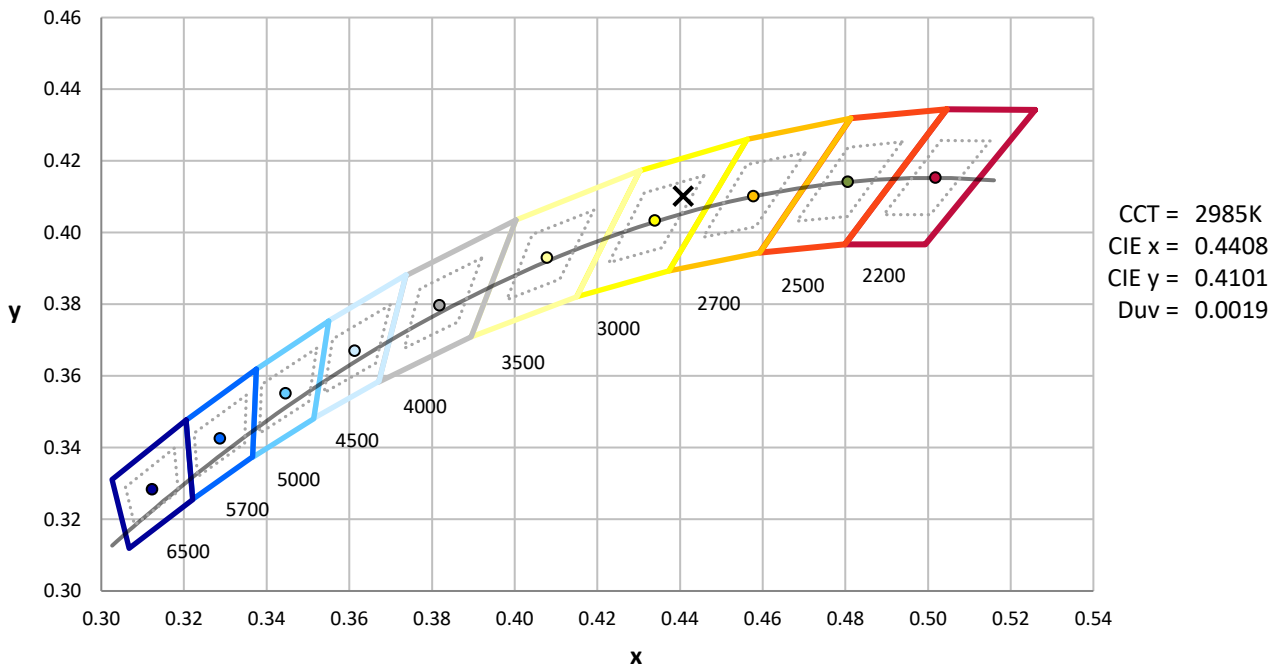
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



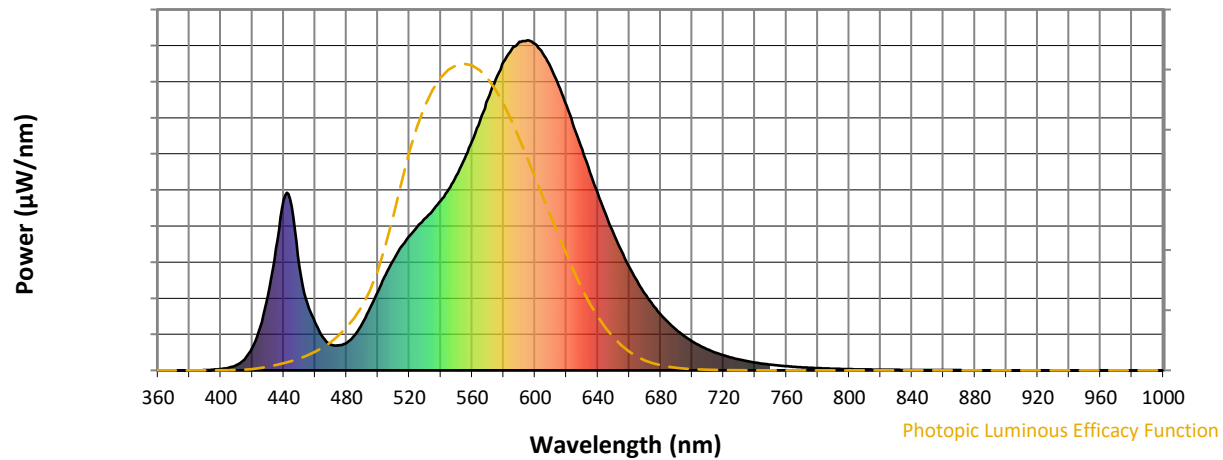
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-4

Photopic Flux vs. Wavelength

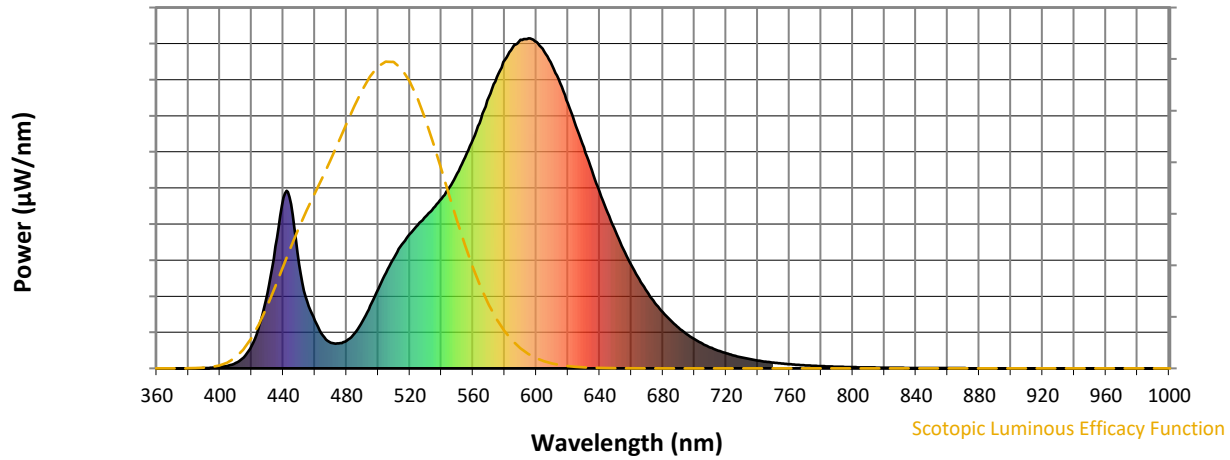


Photopic Lumens: NR

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

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



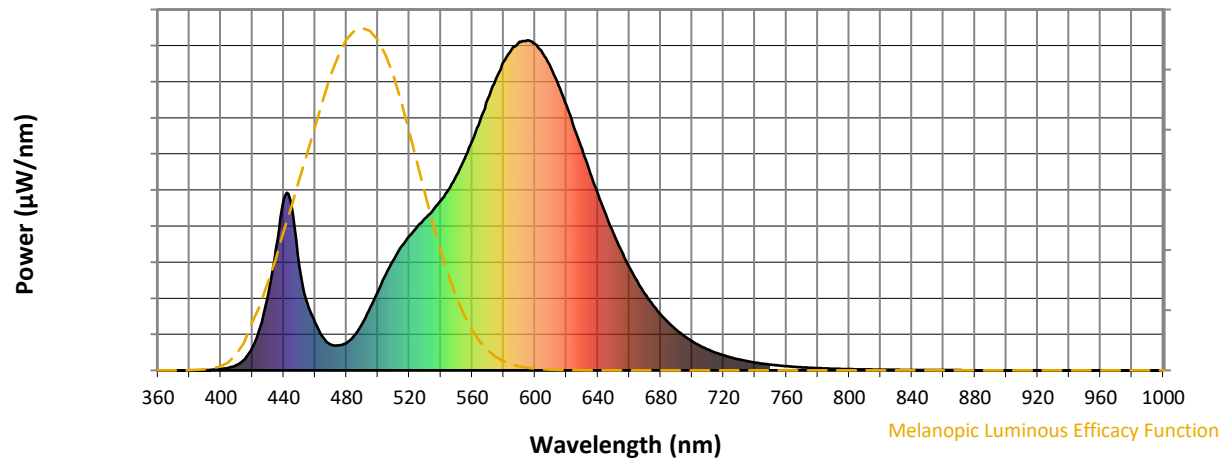
Scotopic Lumens: NR

S/P: 1.19

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

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.13

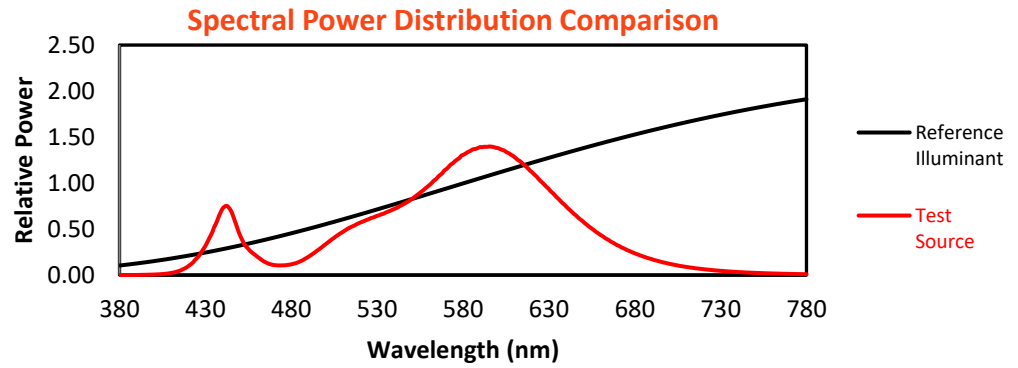
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	142	NR	620	803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

REPORT NUMBER: SP1-2407-184-4

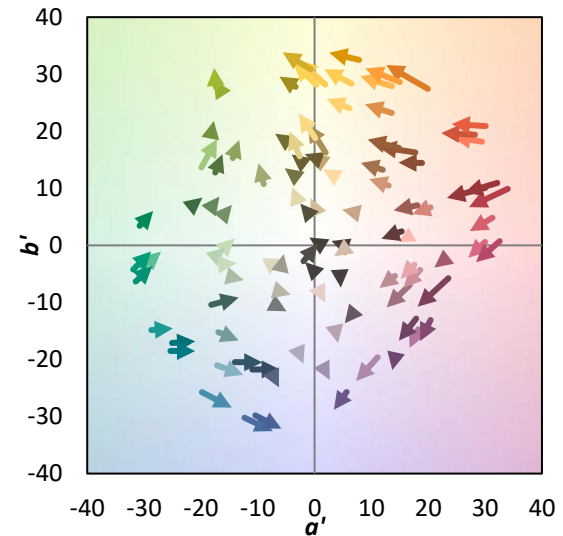
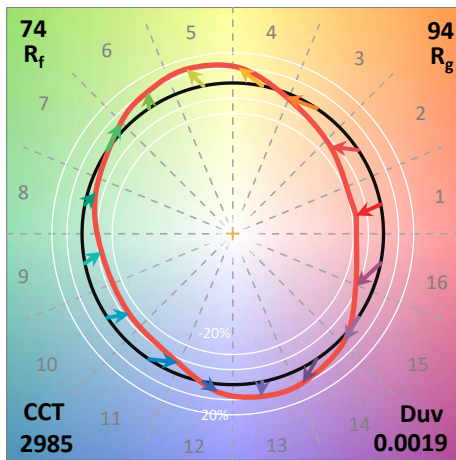
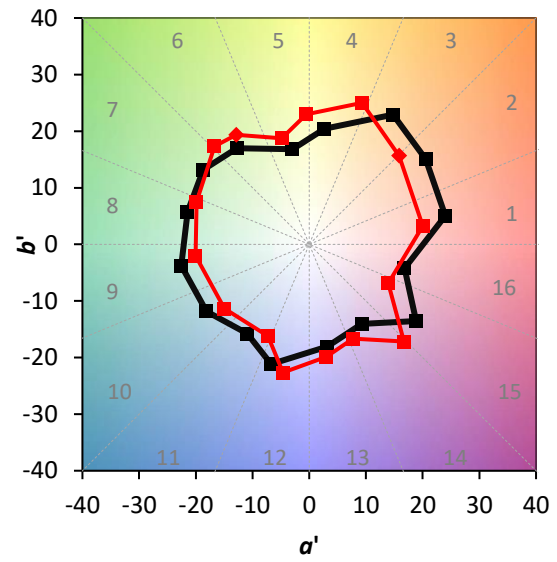
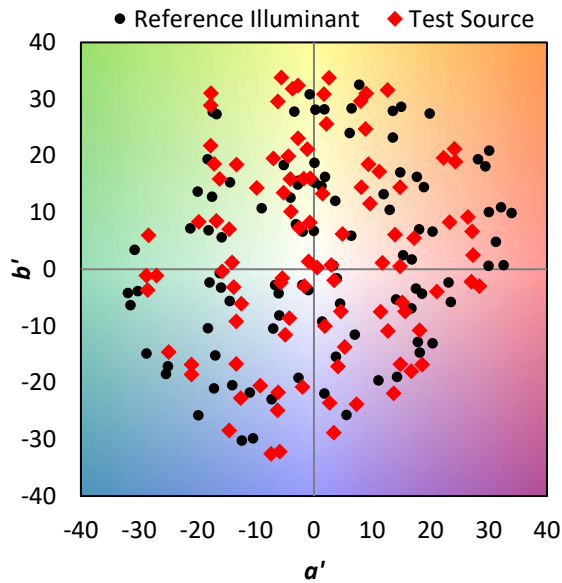
TM-30-18

Summary

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

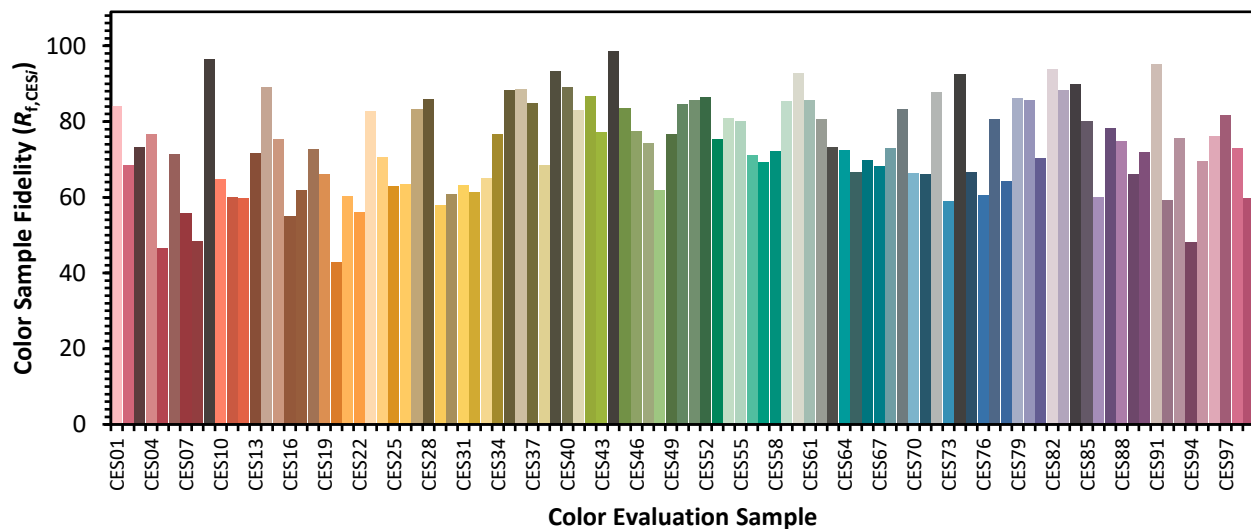


Color Vector Graphics

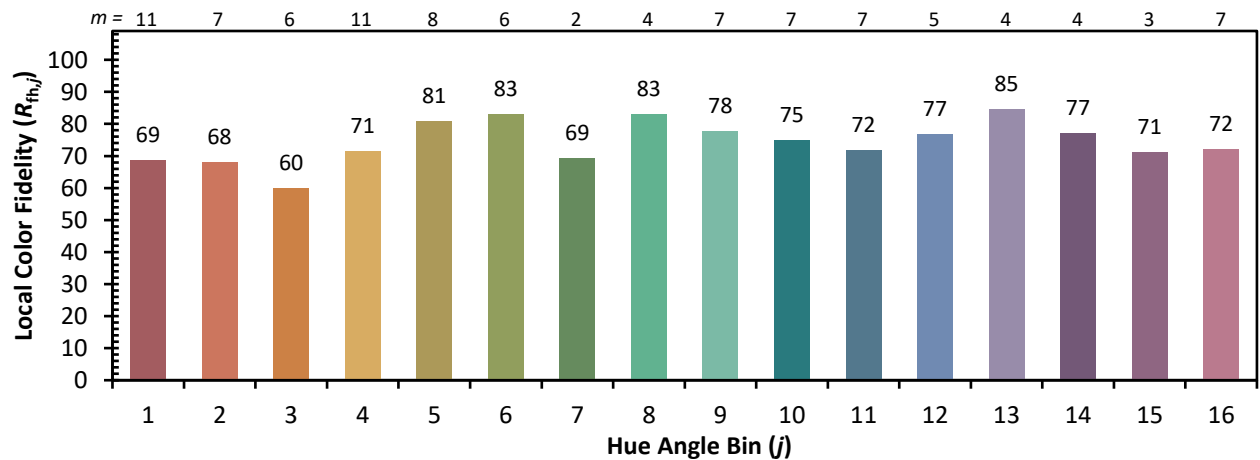
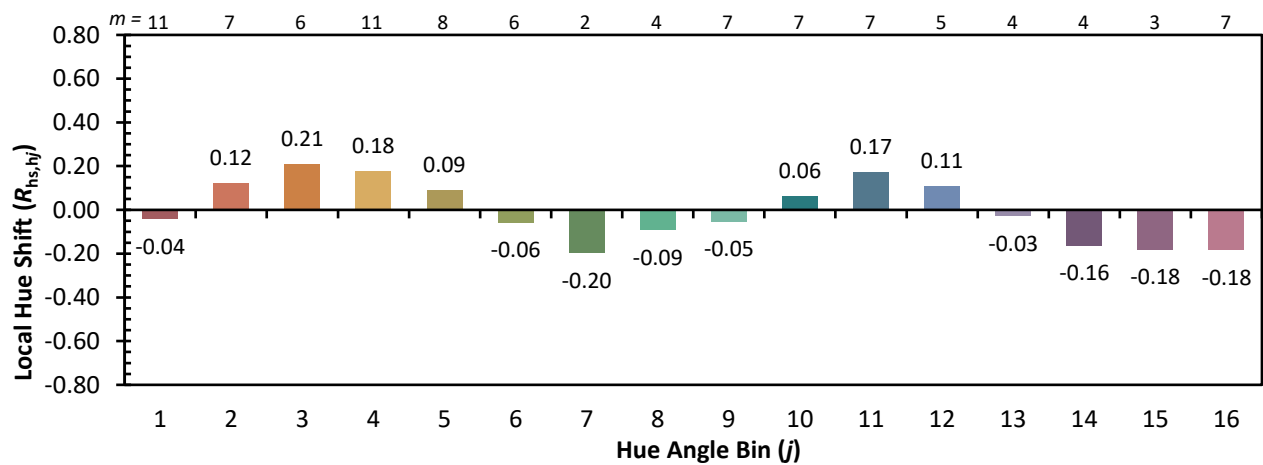
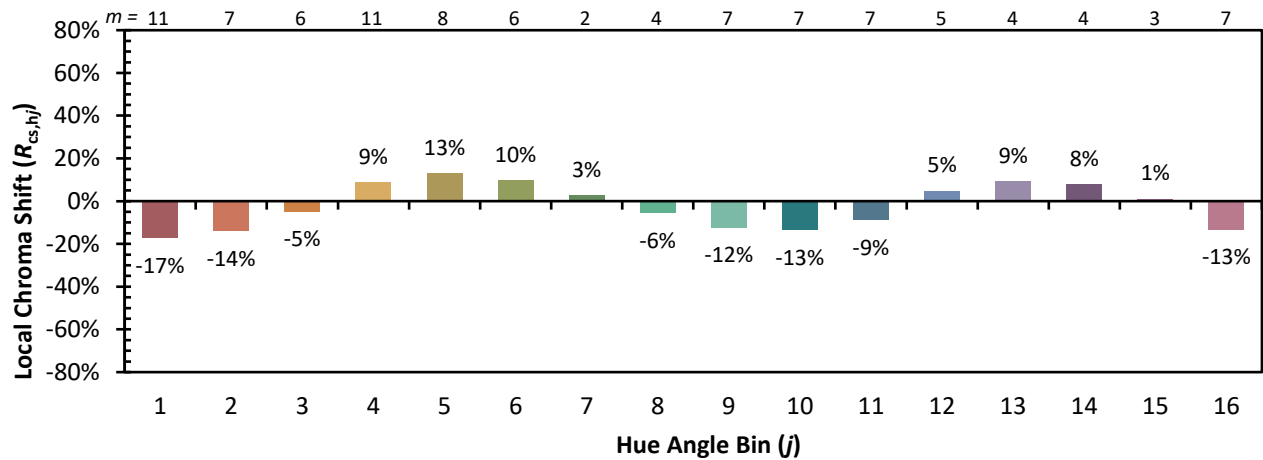


Individual Sample Fidelity Index ($R_{f,i}$)

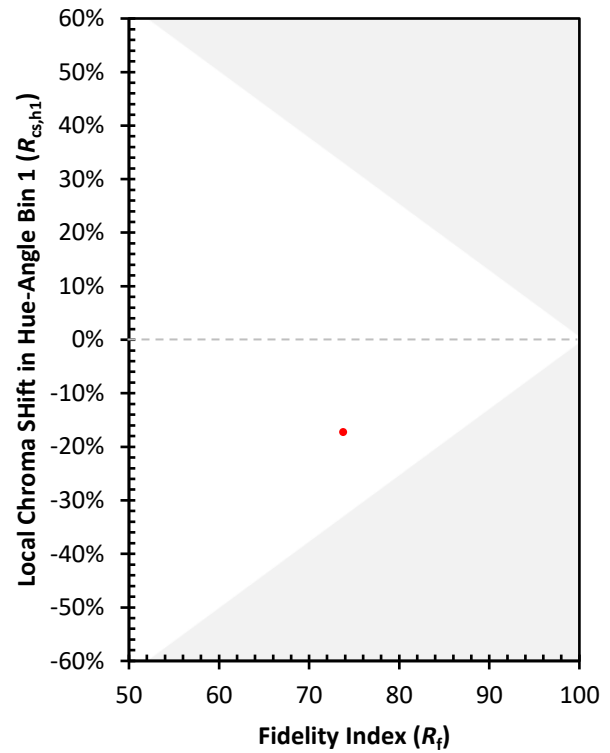
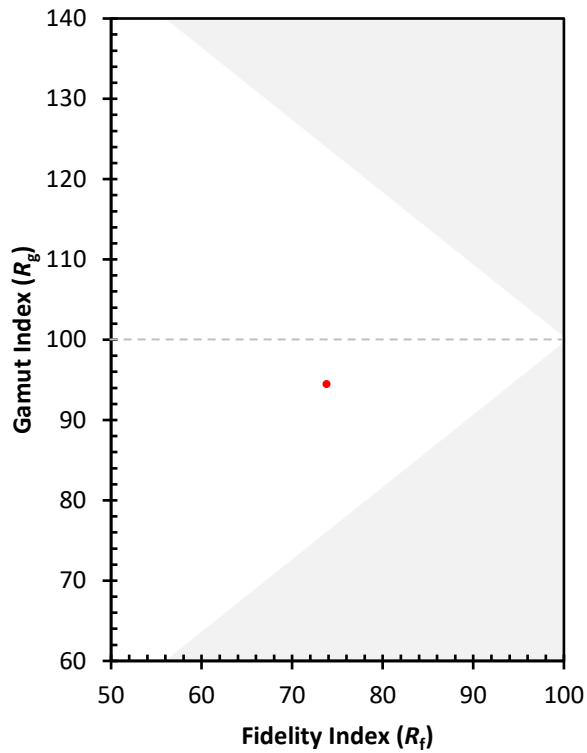
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82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



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)