

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: STREETWORKS

Report Number: P1064910

Luminaire Tested: **GLAN-SA8B-850-U-RBC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1064910
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA8B-850-U-RBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 8xLight Square PACKAGE
80CRI 5000K FIXTURE w/ RIGHT CORNER BACKLIGHT CONTROL
Light Source: (112) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 29702.5 lumens
Efficiency: N/A
Efficacy: 105.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 282.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

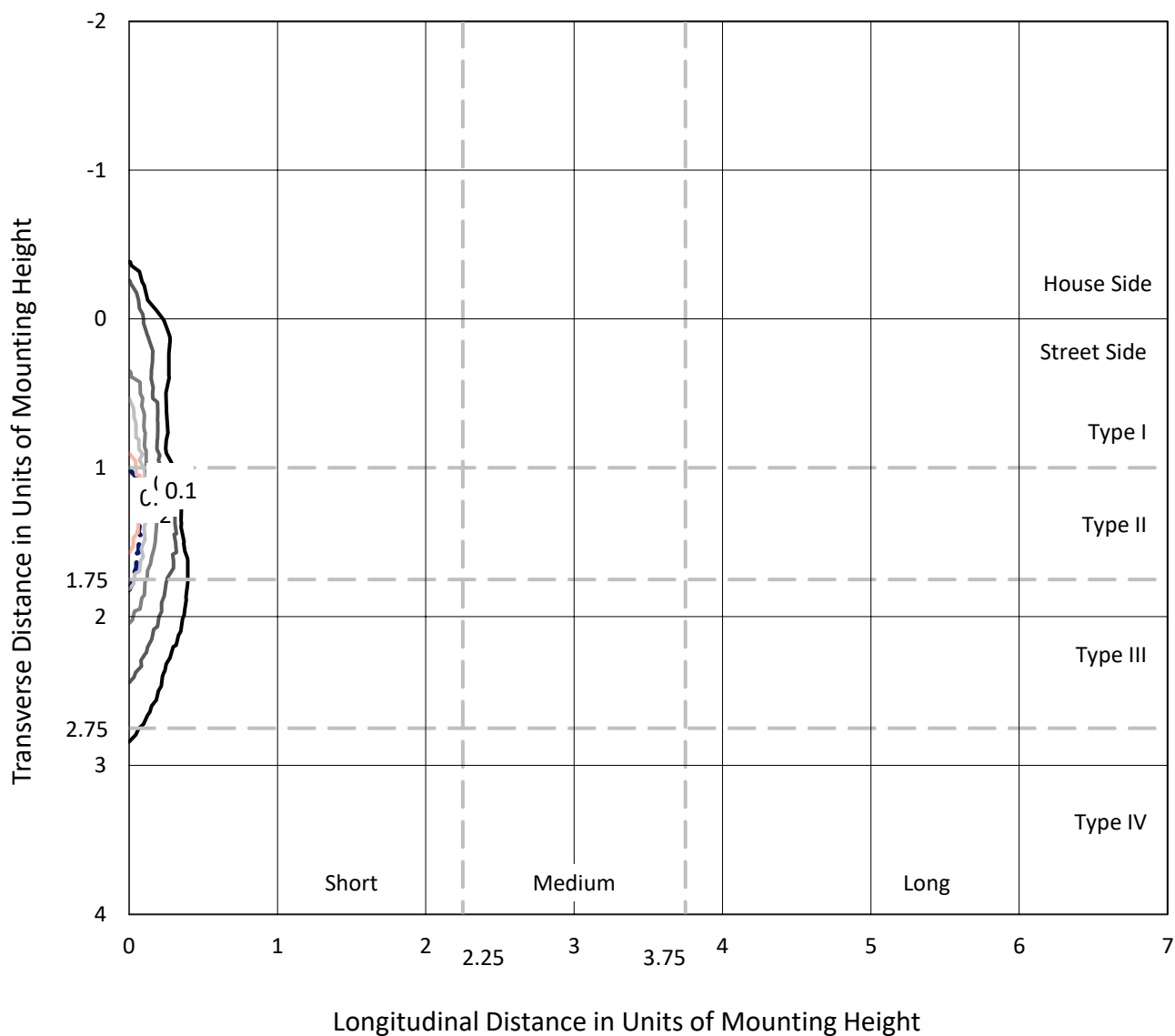
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

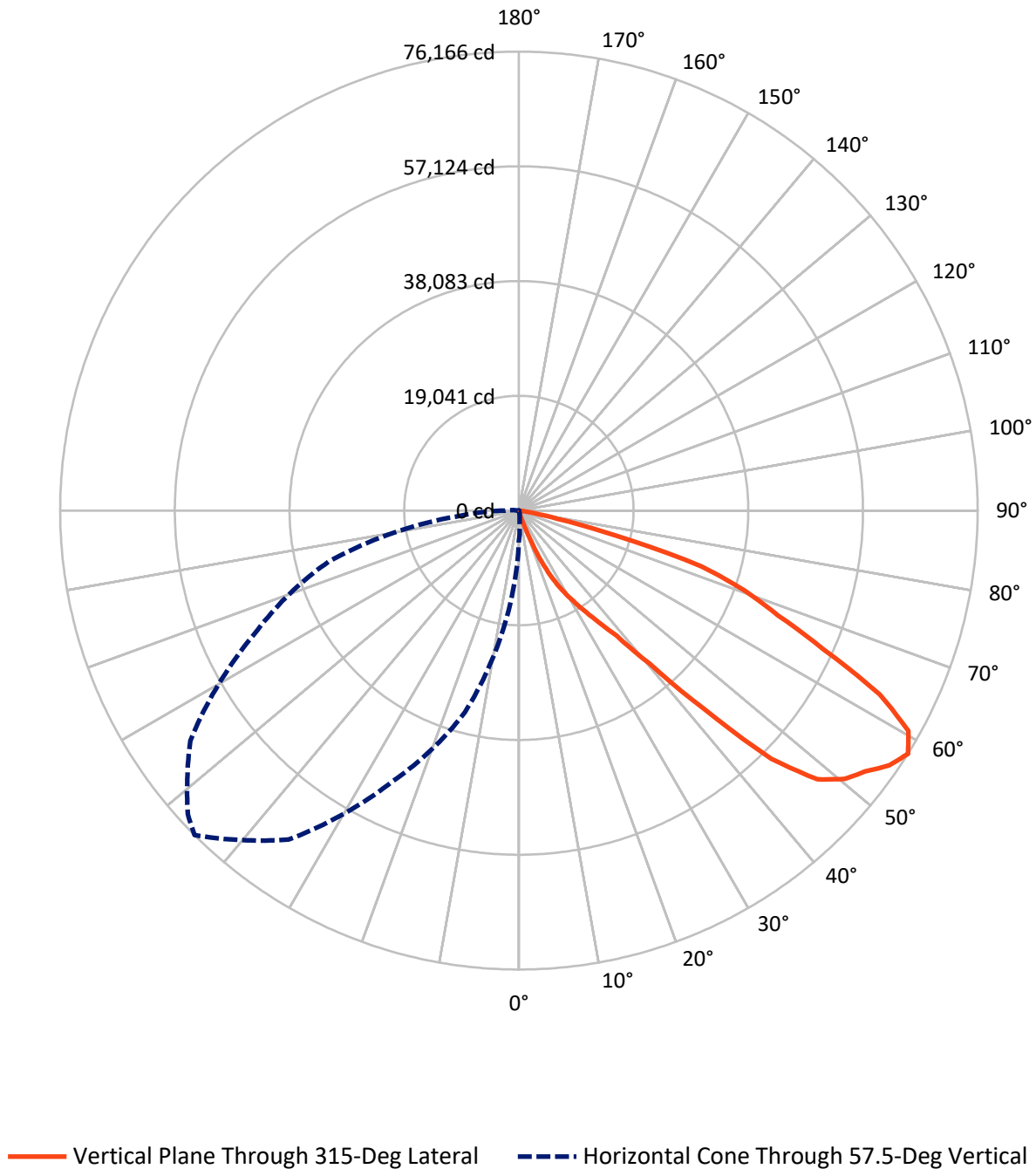


Based on 20 foot mounting height. Maximum calculated value = 4.4 fc

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	148.7	0.0	148.7
	% Fixture	0.5	0.0	0.5
Street Side	Lumens	29553.8	0.0	29553.8
	% Fixture	99.5	0.0	99.5
Total	Lumens	29702.5	0.0	29702.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	11.6	0.0
10°-20°	65.3	0.2
20°-30°	703.9	2.4
30°-40°	2081.6	7.0
40°-50°	6203.7	20.9
50°-60°	9836.8	33.1
60°-70°	8211.3	27.6
70°-80°	2532.1	8.5
80°-90°	56.3	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°	29702.5	100.0
0°-180°	29702.5	100.0



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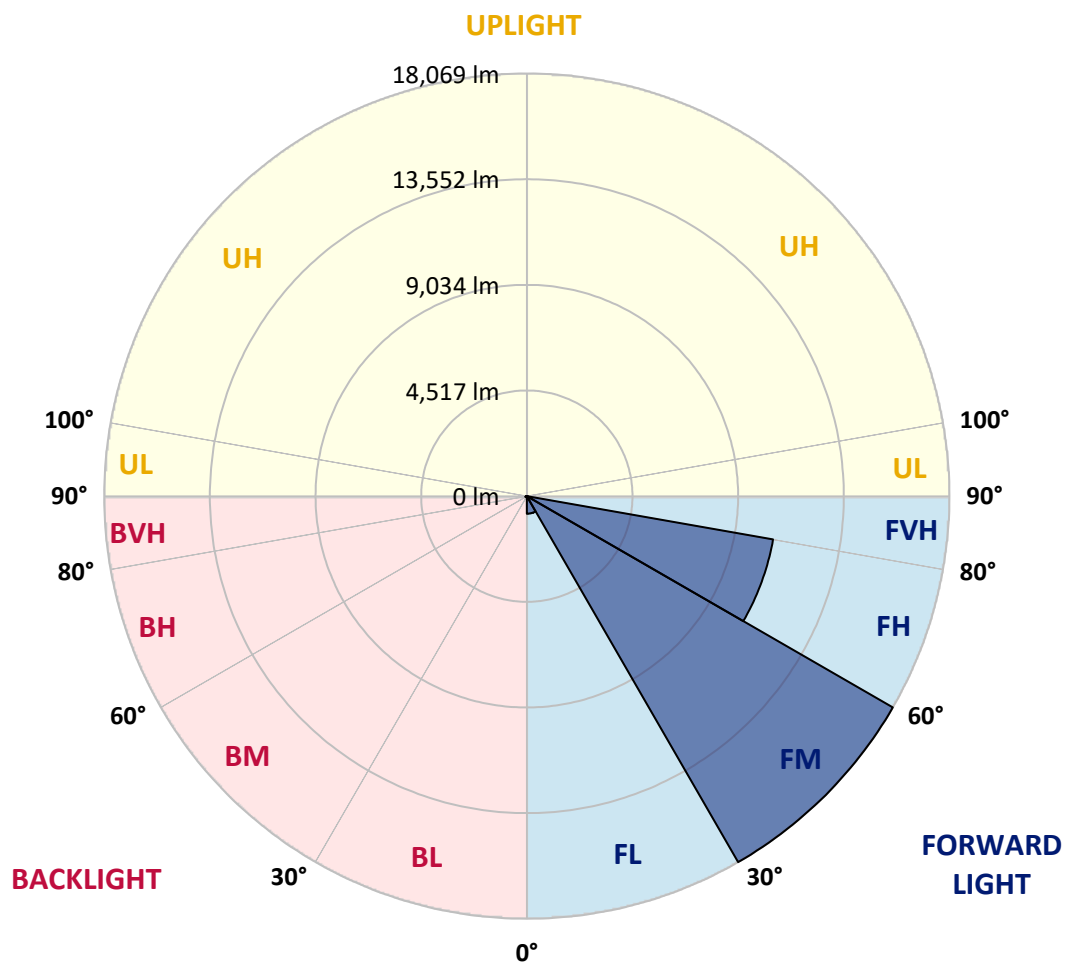
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	753.5	2.5			
FM	(30°-60°)	18068.9	60.8			
FH	(60°-80°)	10687.9	36.0			G4/12000
FVH	(80°-90°)	43.5	0.1			G1/100
BL	(0°-30°)	27.3	0.1	B0/110		
BM	(30°-60°)	53.2	0.2	B0/220		
BH	(60°-80°)	55.5	0.2	B0/110		G0/110
BVH	(80°-90°)	12.8	0.0			G1/100
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



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°
0°	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2
2.5°	119.0	119.0	119.0	119.0	116.7	116.7	114.5	114.5	112.2	112.2
5°	125.7	125.7	123.5	121.2	121.2	119.0	116.7	114.5	114.5	112.2
7.5°	136.9	134.7	132.4	130.2	125.7	123.5	119.0	116.7	114.5	110.0
10°	150.4	145.9	141.4	136.9	132.4	127.9	123.5	121.2	116.7	114.5
12.5°	168.3	161.6	152.6	145.9	141.4	134.7	130.2	125.7	119.0	114.5
15°	184.1	175.1	163.9	154.9	148.1	139.2	132.4	125.7	121.2	114.5
17.5°	206.5	190.8	172.8	161.6	152.6	141.4	130.2	123.5	116.7	107.7
20°	244.7	213.2	179.6	166.1	152.6	139.2	125.7	116.7	110.0	101.0
22.5°	305.3	251.4	197.5	177.3	159.4	139.2	121.2	112.2	103.3	94.3
25°	422.0	325.5	228.9	202.0	175.1	148.1	121.2	110.0	101.0	89.8
27.5°	561.1	417.5	271.6	233.4	197.5	159.4	121.2	107.7	96.5	83.0
30°	702.6	511.8	318.7	269.4	220.0	170.6	121.2	105.5	92.0	76.3
32.5°	837.2	599.3	359.1	300.8	242.4	181.8	123.5	105.5	87.5	69.6
35°	974.2	671.1	365.9	305.3	244.7	181.8	121.2	101.0	83.0	62.8
37.5°	1149.2	751.9	352.4	291.8	233.4	172.8	114.5	96.5	78.6	58.4
40°	1414.1	886.6	359.1	296.3	233.4	170.6	107.7	89.8	74.1	56.1
42.5°	1903.4	1147.0	388.3	316.5	244.7	170.6	98.8	83.0	69.6	53.9
45°	3290.6	1905.7	520.7	413.0	305.3	197.5	89.8	76.3	65.1	51.6
47.5°	5443.1	3189.6	936.0	722.8	511.8	298.5	87.5	76.3	65.1	51.6
50°	6947.0	4062.7	1178.4	906.8	635.2	363.6	92.0	78.6	67.3	53.9
52.5°	6935.8	4125.6	1313.1	1007.8	704.8	399.5	96.5	83.0	71.8	58.4
55°	6165.9	3753.0	1337.8	1028.0	720.5	410.8	103.3	89.8	76.3	62.8
57.5°	5153.6	3187.3	1221.1	945.0	671.1	395.0	119.0	103.3	89.8	74.1
60°	4076.2	2513.9	951.7	751.9	554.4	354.6	157.1	136.9	119.0	98.8
62.5°	2814.7	1822.6	830.5	666.6	505.0	341.2	179.6	159.4	141.4	121.2
65°	1991.0	1371.4	749.7	610.5	473.6	334.4	195.3	172.8	152.6	130.2
67.5°	1488.2	1090.9	691.3	572.4	453.4	334.4	215.5	188.5	163.9	136.9
70°	1140.3	895.6	648.7	552.2	457.9	361.4	264.9	226.7	190.8	152.6
72.5°	929.3	765.4	599.3	529.7	460.1	390.6	321.0	271.6	222.2	170.6
75°	769.9	655.4	540.9	482.6	426.5	368.1	309.8	264.9	222.2	177.3
77.5°	511.8	466.9	419.7	386.1	352.4	316.5	282.8	244.7	208.7	170.6
80°	179.6	172.8	166.1	179.6	193.0	206.5	220.0	193.0	168.3	141.4
82.5°	26.9	24.7	22.4	24.7	26.9	29.2	31.4	33.7	35.9	38.2
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°	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2
0.0	2.5°	110.0	110.0	107.7	107.7	107.7	105.5	105.5	103.3	103.3	103.3
0.0	5°	107.7	107.7	105.5	103.3	101.0	101.0	98.8	96.5	96.5	94.3
0.0	7.5°	105.5	103.3	101.0	98.8	96.5	94.3	92.0	89.8	89.8	87.5
0.0	10°	107.7	103.3	101.0	96.5	94.3	92.0	87.5	85.3	83.0	83.0
0.0	12.5°	103.3	101.0	96.5	92.0	89.8	85.3	83.0	78.6	76.3	76.3
0.0	15°	103.3	98.8	92.0	87.5	83.0	80.8	76.3	71.8	69.6	67.3
0.0	17.5°	96.5	92.0	85.3	80.8	76.3	71.8	67.3	62.8	60.6	58.4
0.0	20°	87.5	83.0	76.3	69.6	65.1	60.6	56.1	51.6	49.4	47.1
0.0	22.5°	78.6	74.1	67.3	60.6	56.1	51.6	44.9	40.4	38.2	33.7
0.0	25°	74.1	67.3	60.6	53.9	47.1	42.6	35.9	29.2	24.7	20.2
0.0	27.5°	62.8	56.1	49.4	42.6	35.9	29.2	22.4	15.7	11.2	9.0
0.0	30°	53.9	47.1	40.4	33.7	24.7	18.0	11.2	2.2	2.2	2.2
0.0	32.5°	44.9	38.2	29.2	22.4	18.0	11.2	6.7	0.0	0.0	0.0
0.0	35°	35.9	29.2	20.2	13.5	11.2	6.7	4.5	0.0	0.0	0.0
0.0	37.5°	31.4	24.7	15.7	6.7	4.5	4.5	2.2	0.0	0.0	0.0
0.0	40°	29.2	20.2	11.2	2.2	2.2	2.2	0.0	0.0	0.0	0.0
0.0	42.5°	29.2	20.2	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	29.2	20.2	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	29.2	20.2	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	31.4	22.4	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	35.9	26.9	18.0	9.0	6.7	4.5	2.2	0.0	0.0	0.0
0.0	55°	44.9	40.4	33.7	29.2	22.4	15.7	6.7	0.0	0.0	0.0
0.0	57.5°	58.4	58.4	56.1	53.9	40.4	26.9	13.5	0.0	0.0	0.0
0.0	60°	78.6	78.6	78.6	78.6	58.4	40.4	20.2	0.0	0.0	0.0
0.0	62.5°	96.5	92.0	85.3	80.8	60.6	40.4	20.2	0.0	0.0	0.0
0.0	65°	96.5	87.5	76.3	65.1	49.4	33.7	15.7	0.0	0.0	0.0
0.0	67.5°	89.8	71.8	51.6	33.7	24.7	18.0	9.0	0.0	0.0	0.0
	70°	89.8	62.8	35.9	9.0	6.7	4.5	2.2	0.0	0.0	0.0
	72.5°	89.8	60.6	29.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	98.8	67.3	33.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	98.8	67.3	33.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	87.5	58.4	29.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	82.5°	29.2	20.2	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

[illegible]



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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°	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2
0.0	2.5°	101.0	101.0	101.0	98.8	98.8	98.8	98.8	96.5	96.5	96.5
0.0	5°	92.0	92.0	89.8	89.8	87.5	87.5	85.3	85.3	83.0	83.0
0.0	7.5°	85.3	83.0	83.0	80.8	78.6	78.6	76.3	76.3	74.1	71.8
0.0	10°	78.6	76.3	76.3	74.1	71.8	69.6	69.6	67.3	65.1	62.8
0.0	12.5°	71.8	69.6	67.3	65.1	62.8	60.6	60.6	58.4	56.1	53.9
0.0	15°	62.8	60.6	58.4	56.1	53.9	51.6	51.6	49.4	47.1	44.9
0.0	17.5°	53.9	51.6	51.6	49.4	47.1	44.9	42.6	38.2	35.9	33.7
0.0	20°	40.4	38.2	35.9	33.7	31.4	26.9	24.7	20.2	15.7	13.5
0.0	22.5°	26.9	22.4	20.2	15.7	11.2	9.0	6.7	2.2	0.0	0.0
0.0	25°	9.0	6.7	4.5	2.2	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



REPORT NUMBER: P1064910

CATALOG NUMBER: GLAN-SA8B-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064910

CATALOG NUMBER: GLAN-SA8B-850-U-RBC

CANDELA DISTRIBUTION (continued):

80°		82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°
0.0	0°	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2
0.0	2.5°	94.3	94.3	94.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0
0.0	5°	80.8	80.8	80.8	78.6	78.6	76.3	76.3	76.3	74.1	74.1
0.0	7.5°	69.6	67.3	67.3	65.1	65.1	62.8	62.8	62.8	60.6	60.6
0.0	10°	58.4	56.1	56.1	53.9	53.9	51.6	51.6	49.4	49.4	47.1
0.0	12.5°	51.6	49.4	47.1	44.9	44.9	42.6	40.4	40.4	38.2	35.9
0.0	15°	40.4	38.2	35.9	33.7	31.4	29.2	26.9	26.9	24.7	22.4
0.0	17.5°	26.9	22.4	20.2	18.0	18.0	15.7	13.5	11.2	9.0	6.7
0.0	20°	6.7	4.5	2.2	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
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: GLAN-SA8B-850-U-RBC

[illegible]

REPORT NUMBER: P1064910

CATALOG NUMBER: GLAN-SA8B-850-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°	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2
0.0	2.5°	92.0	89.8	89.8	89.8	92.0	92.0	92.0	92.0	92.0	92.0
0.0	5°	74.1	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
0.0	7.5°	60.6	58.4	58.4	58.4	58.4	56.1	56.1	56.1	56.1	56.1
0.0	10°	47.1	44.9	44.9	44.9	44.9	42.6	42.6	42.6	42.6	42.6
0.0	12.5°	33.7	33.7	31.4	31.4	31.4	29.2	29.2	29.2	29.2	26.9
0.0	15°	20.2	18.0	15.7	15.7	15.7	13.5	13.5	13.5	13.5	11.2
0.0	17.5°	4.5	4.5	2.2	2.2	2.2	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



REPORT NUMBER: P1064910

CATALOG NUMBER: GLAN-SA8B-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064910

CATALOG NUMBER: GLAN-SA8B-850-U-RBC

CANDELA DISTRIBUTION (continued):

135°		137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°
0.0	0°	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2
0.0	2.5°	94.3	94.3	96.5	96.5	98.8	103.3	105.5	107.7	112.2	116.7
0.0	5°	74.1	76.3	76.3	78.6	80.8	83.0	85.3	87.5	92.0	96.5
0.0	7.5°	58.4	58.4	60.6	60.6	62.8	67.3	69.6	71.8	76.3	83.0
0.0	10°	44.9	44.9	47.1	47.1	49.4	53.9	56.1	58.4	62.8	69.6
0.0	12.5°	29.2	31.4	31.4	33.7	35.9	40.4	42.6	44.9	49.4	53.9
0.0	15°	13.5	15.7	15.7	18.0	20.2	24.7	26.9	29.2	33.7	40.4
0.0	17.5°	2.2	2.2	4.5	4.5	6.7	9.0	11.2	13.5	20.2	24.7
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	9.0
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
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



REPORT NUMBER: P1064910

CATALOG NUMBER: GLAN-SA8B-850-U-RBC

CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064910

CATALOG NUMBER: GLAN-SA8B-850-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°	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2
0.0	2.5°	123.5	127.9	132.4	136.9	141.4	145.9	148.1	152.6	154.9	157.1
0.0	5°	105.5	110.0	116.7	121.2	125.7	130.2	134.7	136.9	139.2	141.4
0.0	7.5°	92.0	96.5	103.3	107.7	112.2	116.7	121.2	125.7	127.9	130.2
0.0	10°	78.6	85.3	89.8	96.5	101.0	105.5	110.0	114.5	119.0	121.2
0.0	12.5°	62.8	69.6	76.3	80.8	87.5	94.3	98.8	103.3	107.7	112.2
0.0	15°	49.4	56.1	62.8	67.3	74.1	80.8	87.5	92.0	96.5	101.0
0.0	17.5°	35.9	42.6	49.4	53.9	60.6	67.3	71.8	78.6	83.0	87.5
0.0	20°	18.0	24.7	31.4	38.2	44.9	51.6	56.1	62.8	67.3	71.8
0.0	22.5°	2.2	9.0	15.7	20.2	26.9	33.7	38.2	44.9	49.4	53.9
0.0	25°	0.0	2.2	6.7	9.0	11.2	15.7	20.2	24.7	29.2	33.7
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	2.2	4.5	9.0	13.5	18.0
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2	4.5
	85°	0.0	0.0	0.0	0.0	0.0	4.5	6.7	11.2	13.5	15.7
	87.5°	0.0	2.2	4.5	6.7	9.0	13.5	18.0	22.4	24.7	26.9
	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1064910

CATALOG NUMBER: GLAN-SA8B-850-U-RBC

CANDELA DISTRIBUTION (continued):

190°		165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°
130.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.7	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.4	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.5	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.3	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.3	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.4	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6.7	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											
2.2											
9.0											
20.2											
29.2											
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REPORT NUMBER: P1064910

CATALOG NUMBER: GLAN-SA8B-850-U-RBC

CANDELA DISTRIBUTION (continued):

190°		192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
0.0	0°	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2
0.0	2.5°	159.4	159.4	159.4	159.4	157.1	157.1	157.1	154.9	154.9	152.6
0.0	5°	145.9	148.1	148.1	148.1	148.1	148.1	148.1	148.1	145.9	145.9
0.0	7.5°	134.7	136.9	139.2	139.2	141.4	141.4	141.4	139.2	139.2	136.9
0.0	10°	127.9	130.2	130.2	132.4	132.4	132.4	132.4	132.4	132.4	132.4
0.0	12.5°	119.0	121.2	123.5	123.5	125.7	125.7	125.7	125.7	123.5	123.5
0.0	15°	107.7	112.2	114.5	116.7	116.7	119.0	119.0	119.0	119.0	119.0
0.0	17.5°	98.8	103.3	105.5	107.7	107.7	110.0	110.0	112.2	112.2	112.2
0.0	20°	80.8	85.3	87.5	92.0	94.3	96.5	98.8	101.0	101.0	103.3
0.0	22.5°	62.8	67.3	69.6	74.1	76.3	78.6	80.8	83.0	85.3	87.5
0.0	25°	44.9	49.4	51.6	56.1	58.4	60.6	62.8	65.1	65.1	67.3
0.0	27.5°	24.7	29.2	33.7	35.9	40.4	42.6	44.9	47.1	49.4	51.6
0.0	30°	11.2	13.5	15.7	20.2	22.4	24.7	26.9	31.4	33.7	35.9
0.0	32.5°	0.0	0.0	2.2	6.7	9.0	11.2	13.5	15.7	15.7	18.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	2.2	4.5	6.7	9.0
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°	4.5	4.5	4.5	6.7	6.7	6.7	6.7	6.7	6.7	6.7
	82.5°	11.2	13.5	15.7	15.7	18.0	18.0	18.0	18.0	15.7	15.7
	85°	22.4	24.7	26.9	26.9	29.2	29.2	29.2	29.2	29.2	29.2
	87.5°	31.4	33.7	35.9	35.9	38.2	38.2	38.2	38.2	38.2	38.2
	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: P1064910

CATALOG NUMBER: GLAN-SA8B-850-U-RBC

CANDELA DISTRIBUTION (continued):

217.5°	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°
130.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.6	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.9	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.9	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.4	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119.0	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101.0	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.6	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
53.9	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.2	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22.4	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13.5	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.5	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4.5	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.2	165°	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	170°	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	175°	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	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										
6.7										
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29.2										
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REPORT NUMBER: P1064910

CATALOG NUMBER: GLAN-SA8B-850-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°	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2
0.0	2.5°	150.4	150.4	148.1	148.1	148.1	148.1	148.1	150.4	152.6	152.6
0.0	5°	143.7	143.7	141.4	141.4	141.4	143.7	143.7	145.9	148.1	150.4
0.0	7.5°	136.9	134.7	134.7	136.9	136.9	139.2	139.2	141.4	143.7	145.9
0.0	10°	132.4	130.2	130.2	130.2	132.4	132.4	134.7	136.9	139.2	141.4
0.0	12.5°	123.5	123.5	123.5	123.5	125.7	125.7	127.9	130.2	134.7	136.9
0.0	15°	119.0	116.7	116.7	116.7	116.7	119.0	119.0	123.5	127.9	130.2
0.0	17.5°	110.0	110.0	107.7	107.7	110.0	110.0	112.2	116.7	121.2	123.5
0.0	20°	101.0	98.8	96.5	96.5	98.8	98.8	101.0	105.5	110.0	112.2
0.0	22.5°	87.5	85.3	85.3	85.3	85.3	87.5	87.5	92.0	98.8	103.3
0.0	25°	69.6	71.8	71.8	74.1	74.1	76.3	78.6	83.0	89.8	94.3
0.0	27.5°	53.9	56.1	56.1	60.6	62.8	65.1	67.3	74.1	80.8	85.3
0.0	30°	40.4	42.6	44.9	47.1	51.6	56.1	60.6	67.3	74.1	78.6
0.0	32.5°	24.7	29.2	31.4	35.9	40.4	44.9	49.4	56.1	65.1	71.8
0.0	35°	18.0	20.2	24.7	26.9	31.4	35.9	40.4	49.4	56.1	65.1
0.0	37.5°	9.0	13.5	18.0	22.4	26.9	31.4	35.9	44.9	53.9	60.6
0.0	40°	6.7	11.2	13.5	18.0	24.7	29.2	33.7	42.6	51.6	60.6
0.0	42.5°	4.5	6.7	9.0	15.7	20.2	26.9	33.7	42.6	51.6	60.6
0.0	45°	4.5	4.5	6.7	13.5	20.2	29.2	35.9	44.9	51.6	60.6
0.0	47.5°	4.5	6.7	9.0	18.0	22.4	29.2	35.9	42.6	51.6	58.4
0.0	50°	6.7	9.0	11.2	20.2	24.7	31.4	35.9	44.9	51.6	60.6
0.0	52.5°	4.5	6.7	9.0	18.0	24.7	33.7	40.4	49.4	58.4	65.1
0.0	55°	2.2	2.2	2.2	13.5	26.9	38.2	51.6	58.4	67.3	74.1
0.0	57.5°	0.0	0.0	0.0	9.0	26.9	42.6	58.4	67.3	76.3	83.0
0.0	60°	0.0	0.0	0.0	9.0	26.9	42.6	58.4	69.6	80.8	92.0
0.0	62.5°	0.0	0.0	0.0	9.0	22.4	35.9	49.4	67.3	87.5	105.5
0.0	65°	0.0	0.0	0.0	6.7	18.0	29.2	40.4	67.3	94.3	119.0
0.0	67.5°	0.0	0.0	0.0	6.7	18.0	26.9	38.2	67.3	94.3	123.5
	70°	0.0	0.0	0.0	6.7	18.0	29.2	40.4	67.3	94.3	121.2
	72.5°	0.0	0.0	0.0	6.7	20.2	31.4	44.9	67.3	89.8	112.2
	75°	0.0	0.0	0.0	9.0	20.2	33.7	47.1	67.3	87.5	105.5
	77.5°	0.0	0.0	0.0	6.7	20.2	31.4	44.9	65.1	85.3	103.3
	80°	6.7	4.5	4.5	11.2	20.2	29.2	38.2	58.4	80.8	101.0
	82.5°	13.5	13.5	11.2	15.7	20.2	26.9	33.7	51.6	71.8	89.8
	85°	26.9	26.9	24.7	26.9	26.9	29.2	31.4	40.4	49.4	58.4
	87.5°	35.9	35.9	33.7	33.7	33.7	31.4	31.4	31.4	31.4	29.2
	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: P1064910

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CANDELA DISTRIBUTION (continued):

245°	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°
130.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154.9	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.1	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
139.2	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.9	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
107.7	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.8	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.3	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.6	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.8	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.6	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.3	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65.1	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.8	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.0	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103.3	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.9	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.4	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.1										
134.7										
125.7										
123.5										
121.2										
107.7										
67.3										
29.2										
0.0										
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REPORT NUMBER: P1064910

CATALOG NUMBER: GLAN-SA8B-850-U-RBC

CANDELA DISTRIBUTION (continued):

245°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
0.0	0°	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2
0.0	2.5°	157.1	159.4	159.4	161.6	163.9	166.1	166.1	168.3	168.3	168.3
0.0	5°	154.9	159.4	161.6	163.9	166.1	168.3	170.6	172.8	175.1	175.1
0.0	7.5°	152.6	154.9	159.4	161.6	166.1	168.3	172.8	175.1	177.3	179.6
0.0	10°	148.1	152.6	157.1	161.6	166.1	170.6	175.1	179.6	184.1	186.3
0.0	12.5°	143.7	150.4	154.9	159.4	166.1	172.8	177.3	184.1	188.5	193.0
0.0	15°	141.4	145.9	152.6	157.1	166.1	175.1	181.8	190.8	199.8	206.5
0.0	17.5°	134.7	143.7	150.4	157.1	166.1	177.3	186.3	195.3	208.7	222.2
0.0	20°	125.7	132.4	141.4	148.1	161.6	172.8	186.3	197.5	217.7	237.9
0.0	22.5°	116.7	125.7	132.4	141.4	157.1	170.6	186.3	199.8	233.4	264.9
0.0	25°	107.7	119.0	127.9	136.9	154.9	172.8	190.8	208.7	264.9	321.0
0.0	27.5°	103.3	112.2	123.5	132.4	154.9	179.6	202.0	224.5	314.2	401.8
0.0	30°	96.5	107.7	116.7	127.9	157.1	186.3	215.5	244.7	381.6	518.5
0.0	32.5°	89.8	101.0	112.2	123.5	161.6	199.8	235.7	273.8	453.4	630.7
0.0	35°	83.0	96.5	107.7	119.0	168.3	220.0	269.4	318.7	518.5	716.0
0.0	37.5°	80.8	94.3	105.5	116.7	170.6	222.2	276.1	327.7	525.2	722.8
0.0	40°	83.0	94.3	107.7	119.0	163.9	208.7	251.4	296.3	502.8	707.0
0.0	42.5°	83.0	96.5	110.0	123.5	159.4	195.3	231.2	267.1	496.1	725.0
0.0	45°	80.8	94.3	107.7	121.2	154.9	186.3	220.0	251.4	536.5	819.3
0.0	47.5°	78.6	92.0	105.5	119.0	152.6	186.3	220.0	253.6	693.6	1131.3
0.0	50°	78.6	92.0	103.3	114.5	154.9	197.5	237.9	278.3	1010.1	1739.6
0.0	52.5°	83.0	94.3	103.3	112.2	159.4	208.7	255.9	303.0	1283.9	2262.6
0.0	55°	89.8	96.5	105.5	112.2	170.6	226.7	285.1	341.2	1367.0	2392.7
0.0	57.5°	98.8	105.5	112.2	119.0	190.8	262.6	332.2	404.0	1373.7	2341.1
0.0	60°	110.0	119.0	125.7	132.4	208.7	287.3	363.6	439.9	1243.5	2044.8
0.0	62.5°	134.7	145.9	154.9	166.1	240.2	312.0	386.1	457.9	1032.5	1607.1
0.0	65°	154.9	163.9	172.8	181.8	253.6	327.7	399.5	471.4	875.4	1279.4
0.0	67.5°	159.4	168.3	175.1	184.1	258.1	332.2	404.0	478.1	749.7	1019.0
	70°	161.6	172.8	186.3	197.5	273.8	350.2	424.2	500.5	664.4	828.3
	72.5°	154.9	177.3	197.5	217.7	289.6	359.1	431.0	500.5	617.3	734.0
	75°	154.9	186.3	215.5	244.7	298.5	350.2	404.0	455.7	545.4	635.2
	77.5°	163.9	204.3	244.7	285.1	316.5	345.7	377.1	406.3	464.6	523.0
	80°	163.9	206.5	246.9	289.6	303.0	318.7	332.2	345.7	352.4	359.1
	82.5°	141.4	175.1	208.7	242.4	226.7	211.0	195.3	179.6	168.3	154.9
	85°	71.8	78.6	83.0	87.5	80.8	74.1	67.3	60.6	56.1	49.4
	87.5°	29.2	29.2	26.9	26.9	26.9	26.9	24.7	24.7	24.7	24.7
	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: P1064910

CATALOG NUMBER: GLAN-SA8B-850-U-RBC

CANDELA DISTRIBUTION (continued):

272.5°		247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°
130.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.3	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.1	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
181.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190.8	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
199.8	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
217.7	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
240.2	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
276.1	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
352.4	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
478.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
664.4	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
900.1	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1124.5	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1277.2	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1391.6	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1506.1	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1730.6	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2179.5	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3322.0	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5088.5	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6406.1	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6552.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5912.3	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5054.8	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3950.5	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2985.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2204.2	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1560.0											
1160.5											
844.0											
635.2											
356.9											
161.6											
47.1											
22.4											
0.0											
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REPORT NUMBER: P1064910

CATALOG NUMBER: GLAN-SA8B-850-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°	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2
0.0	2.5°	168.3	166.1	166.1	163.9	161.6	159.4	157.1	154.9	152.6	150.4
0.0	5°	175.1	175.1	175.1	172.8	172.8	170.6	170.6	168.3	166.1	163.9
0.0	7.5°	181.8	184.1	184.1	186.3	186.3	186.3	186.3	184.1	184.1	184.1
0.0	10°	193.0	195.3	197.5	199.8	202.0	204.3	204.3	206.5	206.5	206.5
0.0	12.5°	206.5	213.2	217.7	224.5	228.9	235.7	240.2	246.9	251.4	255.9
0.0	15°	226.7	237.9	251.4	262.6	273.8	289.6	307.5	323.2	338.9	363.6
0.0	17.5°	255.9	291.8	327.7	361.4	397.3	475.9	554.4	630.7	709.3	823.8
0.0	20°	312.0	419.7	525.2	633.0	738.5	1014.6	1288.4	1564.5	1838.3	2132.4
0.0	22.5°	437.7	702.6	967.4	1232.3	1497.1	2074.0	2648.6	3225.5	3800.1	4475.7
0.0	25°	635.2	1122.3	1609.4	2094.2	2581.3	3483.6	4388.2	5290.5	6192.8	7070.5
0.0	27.5°	924.8	1670.0	2415.2	3158.1	3903.3	5126.7	6352.2	7575.5	8798.8	9790.9
0.0	30°	1281.7	2291.7	3301.8	4311.9	5321.9	6713.6	8105.2	9494.6	10886.3	11970.4
0.0	32.5°	1618.4	2855.1	4091.9	5326.4	6563.2	8147.9	9734.8	11319.5	12904.2	14089.3
0.0	35°	1838.3	3333.2	4830.4	6325.3	7820.2	9535.0	11249.9	12962.5	14677.4	16030.9
0.0	37.5°	2058.3	3784.4	5508.2	7234.3	8958.2	10841.4	12724.6	14607.8	16491.0	18163.3
0.0	40°	2305.2	4329.8	6352.2	8376.8	10399.2	12630.3	14859.2	17090.3	19319.2	21678.3
0.0	42.5°	2733.9	5234.4	7737.1	10237.6	12738.1	15689.7	18641.4	21590.7	24542.4	27909.3
0.0	45°	3539.7	7063.7	10590.0	14114.0	17638.0	21548.1	25460.4	29370.5	33280.6	37760.8
0.0	47.5°	5512.7	10361.0	15207.1	20055.4	24901.5	29123.6	33343.4	37565.5	41785.4	46247.6
0.0	50°	8435.2	14078.1	19721.0	25361.7	31004.6	34824.9	38642.9	42463.2	46281.3	50525.8
0.0	52.5°	10549.6	16428.2	22309.0	28187.6	34066.2	37513.9	40963.8	44411.5	47859.2	51825.4
0.0	55°	10709.0	16553.9	22401.0	28246.0	34090.9	37554.3	41017.7	44481.1	47944.5	52148.6
0.0	57.5°	9481.2	15278.9	21074.5	26872.3	32667.8	36611.6	40553.1	44496.8	48438.3	52983.6
0.0	60°	8064.8	13864.9	19662.6	25462.7	31260.5	35803.5	40348.8	44891.9	49434.9	53692.9
0.0	62.5°	6291.6	12257.7	18226.1	24192.2	30158.4	34771.0	39383.6	43994.0	48606.7	51800.7
0.0	65°	4689.0	10482.3	16275.5	22066.6	27859.9	31554.5	35249.1	38941.5	42636.1	44613.5
0.0	67.5°	3389.3	8385.8	13380.0	18376.5	23370.7	26014.8	28659.0	31300.9	33945.0	35457.8
	70°	2291.7	5752.9	9211.8	12673.0	16131.9	18304.7	20479.7	22652.4	24825.2	26867.8
	72.5°	1586.9	3530.7	5476.8	7420.6	9364.4	11550.7	13734.7	15920.9	18104.9	20266.4
	75°	1052.7	1937.1	2823.7	3708.1	4592.4	6210.8	7831.4	9449.7	11068.1	12356.5
	77.5°	747.4	1012.3	1279.4	1544.3	1809.1	2112.2	2417.4	2720.4	3023.5	3483.6
	80°	354.6	388.3	422.0	453.4	487.1	597.1	707.0	817.0	927.0	1043.7
	82.5°	168.3	181.8	195.3	206.5	220.0	231.2	242.4	253.6	264.9	253.6
	85°	44.9	44.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	44.9
	87.5°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	18.0	18.0	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

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CANDELA DISTRIBUTION (continued):

300°		275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°
130.2	112.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.1	115°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161.6	117.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
181.8	120°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208.7	122.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
258.1	125°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
390.6	127.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
936.0	130°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2428.7	132.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5151.3	135°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7948.1	137.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10783.0	140°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13056.8	142.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15276.7	145°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17384.4	147.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19837.7	150°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24037.4	152.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31276.2	155°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42241.0	157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50709.9	160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54770.3	162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55791.6	165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56355.0	167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57528.9	170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57948.7	172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
54997.0	175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46593.3	177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36972.9	180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28908.1											
22428.0											
13644.9											
3943.8											
1160.5											
240.2											
42.6											
15.7											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											
0.0											

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CANDELA DISTRIBUTION (continued):

300°		302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°
0.0	0°	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2
0.0	2.5°	145.9	143.7	141.4	139.2	136.9	132.4	132.4	130.2	130.2
0.0	5°	159.4	157.1	154.9	152.6	152.6	150.4	148.1	148.1	145.9
0.0	7.5°	181.8	179.6	177.3	175.1	175.1	172.8	172.8	170.6	170.6
0.0	10°	208.7	208.7	208.7	208.7	208.7	206.5	206.5	206.5	204.3
0.0	12.5°	262.6	264.9	269.4	273.8	280.6	280.6	280.6	278.3	278.3
0.0	15°	415.2	439.9	457.9	475.9	491.6	527.5	523.0	516.3	511.8
0.0	17.5°	1050.5	1162.7	1223.3	1281.7	1342.3	1508.4	1481.4	1454.5	1429.8
0.0	20°	2722.7	3016.7	3212.0	3407.3	3604.8	3916.8	3840.5	3764.2	3687.9
0.0	22.5°	5824.7	6500.3	6794.4	7088.4	7380.2	7757.3	7512.7	7268.0	7025.6
0.0	25°	8823.5	9701.1	10197.2	10693.2	11187.1	11402.5	11083.8	10762.8	10444.1
0.0	27.5°	11775.1	12767.2	13204.9	13640.4	14078.1	14529.3	14134.2	13736.9	13341.9
0.0	30°	14140.9	15225.1	15698.7	16170.1	16643.7	16957.9	16549.4	16138.6	15730.1
0.0	32.5°	16461.9	17647.0	18165.5	18684.0	19200.3	19651.4	19148.6	18643.6	18140.8
0.0	35°	18735.6	20089.1	20802.9	21516.7	22230.5	22650.2	22053.1	21453.8	20856.8
0.0	37.5°	21509.9	23182.2	23981.2	24780.3	25579.4	26344.8	25687.1	25027.2	24369.6
0.0	40°	26396.4	28755.5	29981.0	31208.8	32434.4	33422.0	32591.5	31761.0	30930.5
0.0	42.5°	34643.1	38009.9	39772.0	41531.7	43293.7	44835.8	43962.6	43089.5	42216.3
0.0	45°	46721.2	51201.4	53349.5	55495.3	57643.4	58770.2	57513.2	56254.0	54997.0
0.0	47.5°	55169.9	59632.1	61544.5	63456.9	65369.3	66655.5	65117.9	63580.4	62045.1
0.0	50°	59012.6	63257.1	65176.3	67093.1	69012.3	70033.6	68258.1	66480.4	64704.9
0.0	52.5°	59755.6	63721.8	66011.3	68303.0	70592.5	71957.2	69860.7	67762.0	65665.6
0.0	55°	60559.1	64763.3	67418.6	70076.2	72731.6	74621.5	72251.2	69878.7	67508.4
0.0	57.5°	62072.0	66617.3	69265.9	71912.3	74560.9	76165.8	73788.8	71409.5	69032.5
0.0	60°	62206.7	66462.4	68738.4	71016.7	73292.7	74302.8	72029.0	69753.0	67479.2
0.0	62.5°	58191.1	61385.1	62965.3	64545.5	66125.7	67223.3	64850.8	62476.0	60103.5
0.0	65°	48570.8	50548.2	51807.5	53066.7	54325.9	55634.5	53461.7	51289.0	49116.2
0.0	67.5°	38485.8	39998.7	41657.4	43316.2	44974.9	46373.3	44633.7	42891.9	41152.4
	70°	30950.7	32991.0	34856.3	36721.6	38586.8	39731.6	37985.3	36236.7	34490.4
	72.5°	24589.5	26751.1	28308.8	29864.3	31422.1	31702.6	30418.7	29134.8	27853.2
	75°	14931.0	16219.4	16250.9	16280.0	16311.5	16578.6	15514.6	14450.7	13389.0
	77.5°	4403.9	4864.0	5243.4	5620.5	5999.8	6457.7	6067.1	5674.3	5283.8
	80°	1274.9	1391.6	1490.4	1586.9	1685.7	1627.3	1535.3	1443.3	1351.2
	82.5°	228.9	215.5	213.2	211.0	211.0	199.8	181.8	163.9	145.9
	85°	40.4	38.2	35.9	33.7	31.4	29.2	24.7	22.4	18.0
	87.5°	13.5	11.2	9.0	6.7	6.7	2.2	2.2	2.2	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

CATALOG NUMBER: GLAN-SA8B-850-U-RBC

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REPORT NUMBER: P1064910

CATALOG NUMBER: GLAN-SA8B-850-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°	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2	130.2
0.0	0.0	2.5°	127.9	125.7	125.7	125.7	125.7	123.5	123.5	123.5	123.5
0.0	0.0	5°	141.4	141.4	139.2	139.2	136.9	136.9	134.7	134.7	132.4
0.0	0.0	7.5°	166.1	163.9	161.6	159.4	157.1	152.6	150.4	148.1	148.1
0.0	0.0	10°	199.8	195.3	193.0	188.5	186.3	181.8	177.3	172.8	168.3
0.0	0.0	12.5°	262.6	253.6	246.9	237.9	228.9	222.2	213.2	206.5	197.5
0.0	0.0	15°	455.7	433.2	408.5	379.3	347.9	318.7	287.3	269.4	249.1
0.0	0.0	17.5°	1164.9	1048.2	929.3	832.7	736.2	642.0	545.4	475.9	406.3
0.0	0.0	20°	2965.1	2641.9	2318.7	1999.9	1679.0	1360.2	1039.2	877.6	716.0
0.0	0.0	22.5°	5580.1	4980.8	4379.2	3797.9	3214.3	2632.9	2051.6	1685.7	1322.1
0.0	0.0	25°	8612.5	7858.3	7104.1	6147.9	5189.5	4233.3	3277.1	2682.3	2087.5
0.0	0.0	27.5°	11207.3	10338.6	9469.9	8307.2	7144.5	5981.8	4819.1	3932.5	3048.2
0.0	0.0	30°	13454.1	12520.3	11586.6	10233.1	8879.6	7526.1	6172.6	5063.8	3955.0
0.0	0.0	32.5°	15402.4	14284.6	13166.8	11770.6	10374.5	8978.4	7582.2	6222.0	4861.8
0.0	0.0	35°	17649.2	16345.1	15038.8	13490.0	11939.0	10390.2	8841.5	7306.2	5768.6
0.0	0.0	37.5°	20504.4	18904.0	17301.3	15575.2	13849.1	12125.3	10399.2	8643.9	6888.7
0.0	0.0	40°	25969.9	23904.9	21839.9	19646.9	17451.7	15258.7	13065.8	10911.0	8756.2
0.0	0.0	42.5°	35763.1	32973.1	30183.1	27265.1	24344.9	21426.9	18506.7	15467.5	12426.1
0.0	0.0	45°	46815.5	43354.3	39890.9	36616.1	33339.0	30064.1	26789.2	22618.8	18448.3
0.0	0.0	47.5°	53030.8	49293.5	45556.3	42456.5	39356.7	36256.9	33157.1	28661.2	24165.3
0.0	0.0	50°	55318.0	51513.4	47708.8	44856.0	42000.8	39148.0	36292.8	31790.2	27285.3
0.0	0.0	52.5°	55805.1	51924.2	48043.3	45172.4	42301.6	39433.0	36562.2	32088.7	27615.2
0.0	0.0	55°	56806.2	52642.5	48476.5	45203.9	41931.3	38658.6	35386.0	30840.7	26295.4
0.0	0.0	57.5°	58114.8	53845.6	49576.3	45848.1	42119.8	38393.8	34665.5	29696.0	24726.4
0.0	0.0	60°	57771.4	54056.5	50339.5	46346.4	42351.0	38357.9	34362.5	28896.9	23429.1
0.0	0.0	62.5°	51809.7	48851.3	45890.7	42606.9	39320.8	36037.0	32753.1	27125.9	21498.7
0.0	0.0	65°	42622.6	40463.3	38304.0	35662.1	33018.0	30376.1	27734.2	22688.4	17644.8
0.0	0.0	67.5°	34544.3	32111.2	29675.8	27570.3	25462.7	23357.2	21249.6	17278.9	13308.2
		70°	27444.6	24798.3	22149.7	20093.6	18035.3	15979.3	13923.2	11283.6	8646.2
		72.5°	21795.0	19409.0	17023.0	14830.0	12634.8	10441.8	8246.6	6686.6	5126.7
		75°	10417.2	9463.2	8509.3	7362.3	6215.3	5068.3	3921.3	3241.2	2563.3
		77.5°	3860.7	3346.7	2830.4	2363.6	1896.7	1432.1	965.2	884.4	803.6
		80°	998.8	870.9	740.7	648.7	554.4	462.4	370.4	334.4	300.8
		82.5°	114.5	105.5	98.8	94.3	87.5	83.0	76.3	69.6	62.8
		85°	6.7	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		92.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		95°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		97.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		100°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		102.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		105°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		107.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
		110°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P1064910
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CANDELA DISTRIBUTION (continued):

[illegible]

REPORT NUMBER: P1064910

CATALOG NUMBER: GLAN-SA8B-850-U-RBC

CANDELA DISTRIBUTION (continued):

352.5°	355°		357.5°	360°
0.0	0.0	0°	130.2	130.2
0.0	0.0	2.5°	121.2	119.0
0.0	0.0	5°	127.9	125.7
0.0	0.0	7.5°	141.4	136.9
0.0	0.0	10°	154.9	150.4
0.0	0.0	12.5°	175.1	168.3
0.0	0.0	15°	197.5	184.1
0.0	0.0	17.5°	235.7	206.5
0.0	0.0	20°	318.7	244.7
0.0	0.0	22.5°	448.9	305.3
0.0	0.0	25°	659.9	422.0
0.0	0.0	27.5°	918.0	561.1
0.0	0.0	30°	1221.1	702.6
0.0	0.0	32.5°	1488.2	837.2
0.0	0.0	35°	1836.1	974.2
0.0	0.0	37.5°	2264.8	1149.2
0.0	0.0	40°	2929.2	1414.1
0.0	0.0	42.5°	4125.6	1903.4
0.0	0.0	45°	6700.1	3290.6
0.0	0.0	47.5°	10309.4	5443.1
0.0	0.0	50°	12612.4	6947.0
0.0	0.0	52.5°	12800.9	6935.8
0.0	0.0	55°	11685.4	6165.9
0.0	0.0	57.5°	9970.5	5153.6
0.0	0.0	60°	8287.0	4076.2
0.0	0.0	62.5°	6529.5	2814.7
0.0	0.0	65°	4772.0	1991.0
0.0	0.0	67.5°	3427.5	1488.2
		70°	2253.6	1140.3
		72.5°	1468.0	929.3
		75°	987.6	769.9
		77.5°	576.9	511.8
		80°	204.3	179.6
		82.5°	38.2	26.9
		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: P1064910

CATALOG NUMBER: GLAN-SA8B-850-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: SP1-2407-184-12

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-850-U-5WQ

Data in this report applies to families of products including GSS-SB1A-850-U-5WQ

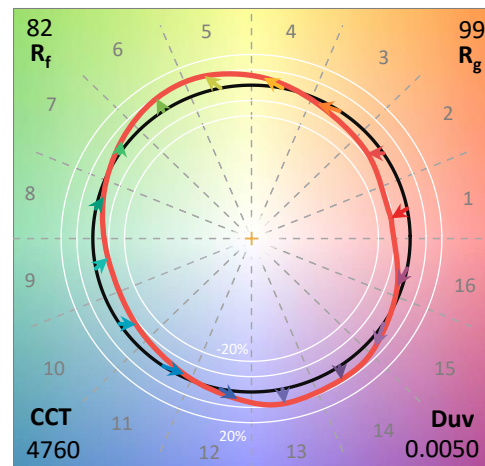
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-12
 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-850-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 5000K CCT 26 LEDS

Spectral Parameters

CCT (K): 4760
 CIE u' : 0.2107
 CIE v' : 0.4939
 Duv: 0.0050
 CIE x: 0.3537
 CIE y: 0.3685
 CIE z: 0.2779
 Peak Wavelength (nm): 443
 Dominant Wavelength (nm): 571
 Purity: 16.69598
 R_f: 82
 R_g: 99.4

CRI (Ra): 81.1
 R1: 79.8
 R2: 83.5
 R3: 87.9
 R4: 83.1
 R5: 80.5
 R6: 79.1
 R7: 86.1
 R8: 69.0
 R9: 8.7
 R10: 62.4
 R11: 83.8
 R12: 63.0
 R13: 79.9
 R14: 93.3
 R15: 72.7



Test Conditions

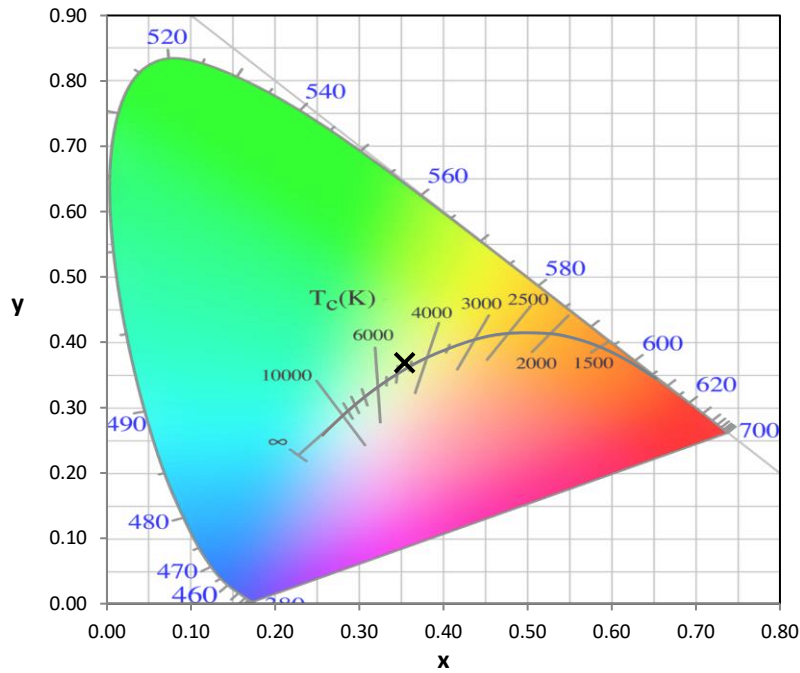
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-12

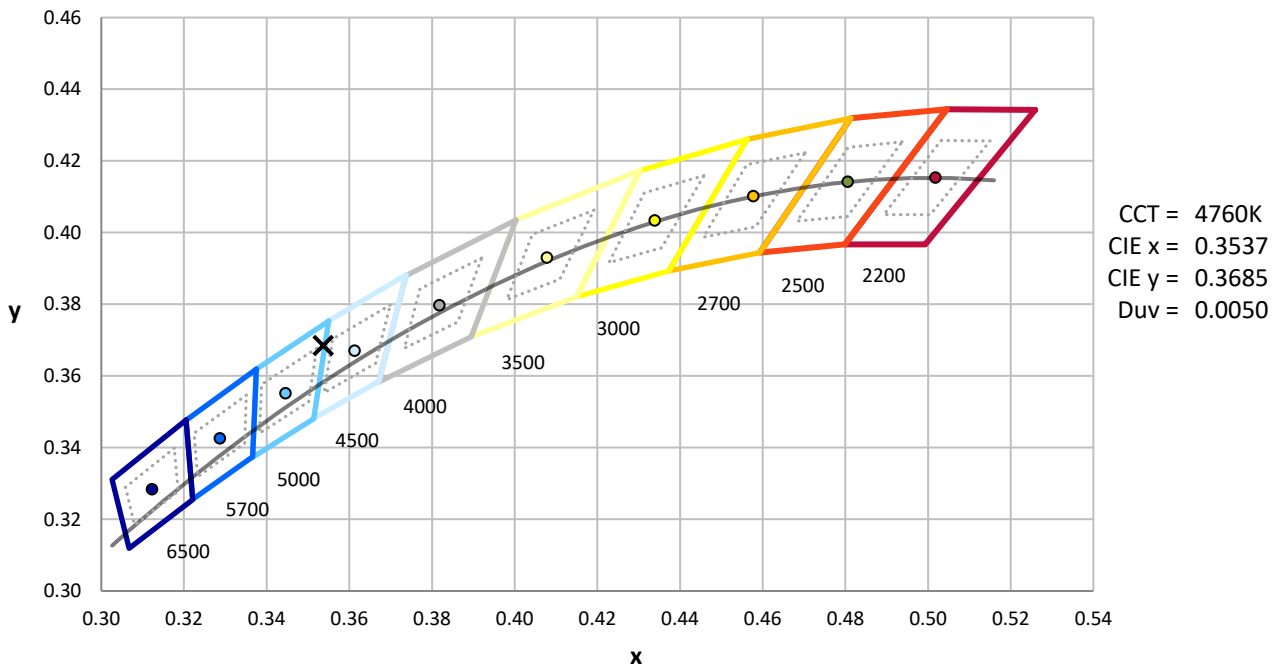
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-12

CIE 1931 Chromaticity Diagram



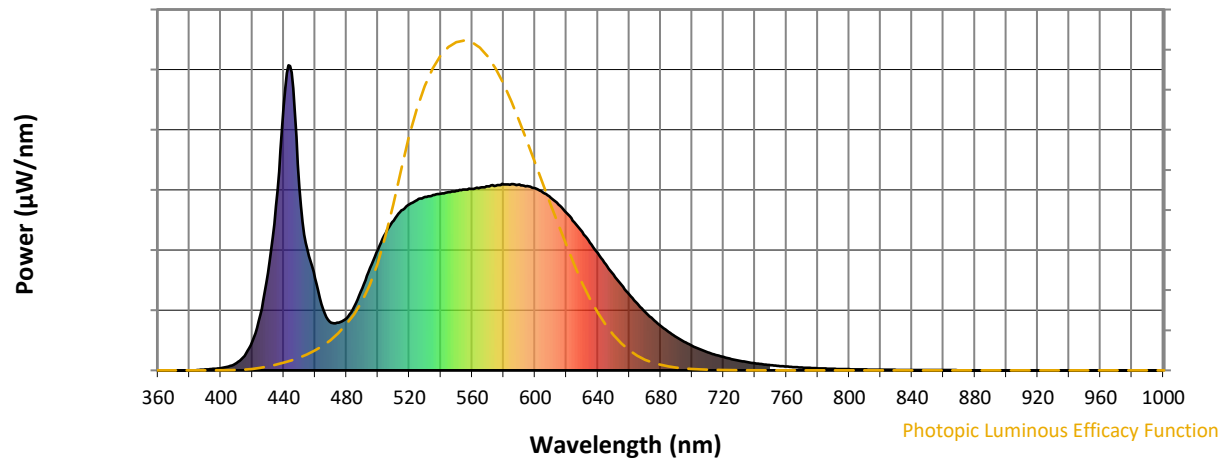
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 7-step quadrangle

REPORT NUMBER: SP1-2407-184-12

Photopic Flux vs. Wavelength

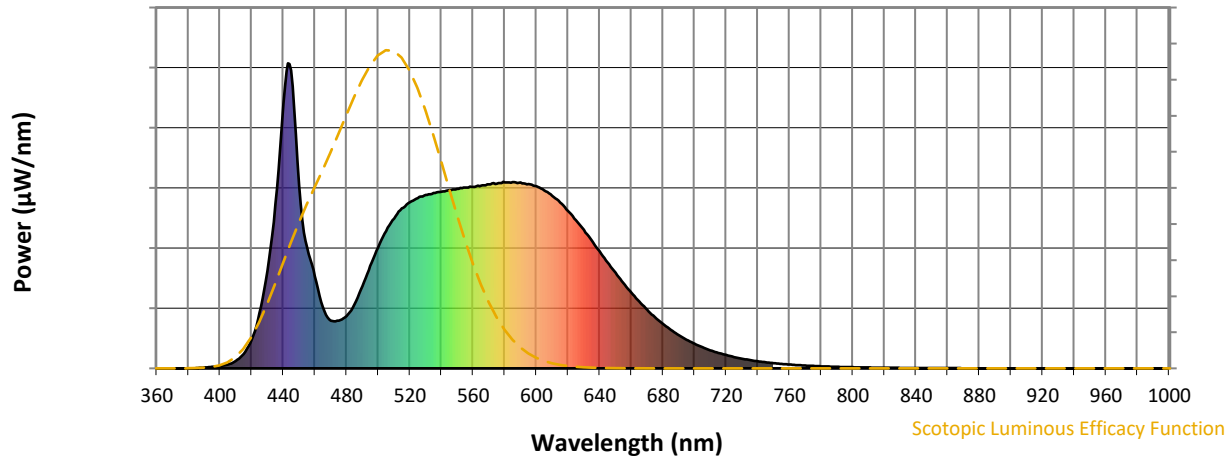


Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

Scotopic Flux vs. Wavelength



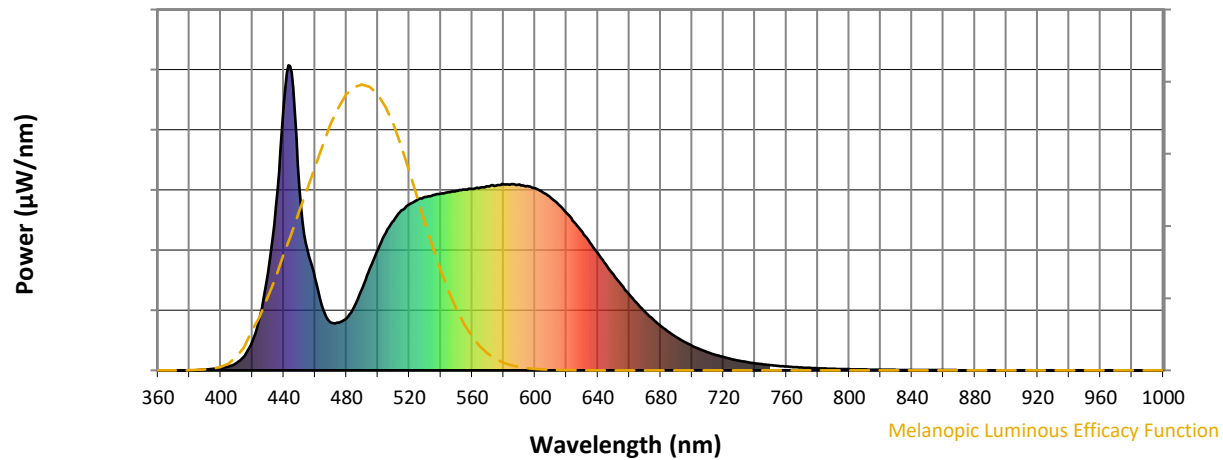
Scotopic Lumens: NR

S/P: 1.83

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	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.74

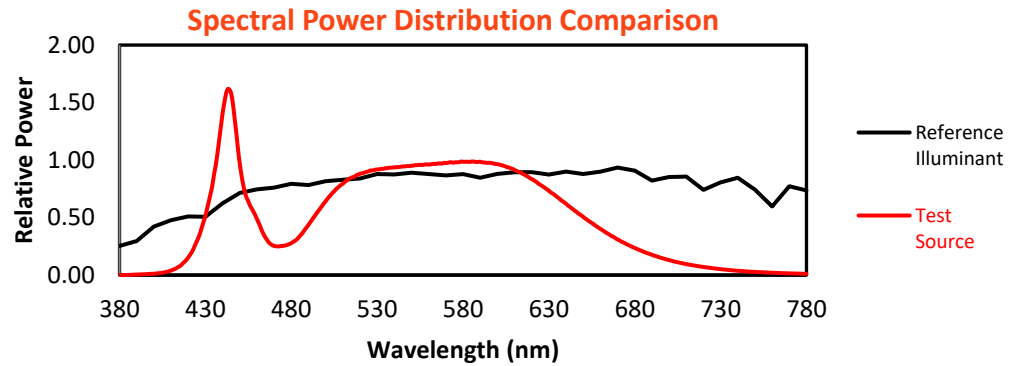
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	270	NR	620	517	NR	750	17	NR	880	0	NR
365	0	NR	495	335	NR	625	486	NR	755	15	NR	885	0	NR
370	0	NR	500	397	NR	630	454	NR	760	12	NR	890	0	NR
375	0	NR	505	451	NR	635	419	NR	765	11	NR	895	0	NR
380	0	NR	510	492	NR	640	384	NR	770	9	NR	900	0	NR
385	1	NR	515	524	NR	645	347	NR	775	8	NR	905	0	NR
390	3	NR	520	545	NR	650	313	NR	780	7	NR	910	0	NR
395	5	NR	525	558	NR	655	280	NR	785	6	NR	915	0	NR
400	7	NR	530	568	NR	660	248	NR	790	5	NR	920	0	NR
405	13	NR	535	575	NR	665	219	NR	795	4	NR	925	0	NR
410	24	NR	540	579	NR	670	192	NR	800	4	NR	930	0	NR
415	47	NR	545	585	NR	675	167	NR	805	3	NR	935	0	NR
420	95	NR	550	588	NR	680	146	NR	810	3	NR	940	0	NR
425	181	NR	555	593	NR	685	126	NR	815	2	NR	945	0	NR
430	319	NR	560	595	NR	690	109	NR	820	2	NR	950	0	NR
435	539	NR	565	600	NR	695	94	NR	825	2	NR	955	0	NR
440	868	NR	570	603	NR	700	80	NR	830	2	NR	960	0	NR
445	977	NR	575	606	NR	705	69	NR	835	1	NR	965	0	NR
450	601	NR	580	609	NR	710	59	NR	840	1	NR	970	0	NR
455	397	NR	585	611	NR	715	51	NR	845	1	NR	975	0	NR
460	302	NR	590	610	NR	720	44	NR	850	1	NR	980	0	NR
465	201	NR	595	604	NR	725	37	NR	855	1	NR	985	0	NR
470	157	NR	600	596	NR	730	32	NR	860	1	NR	990	0	NR
475	157	NR	605	583	NR	735	27	NR	865	1	NR	995	0	NR
480	171	NR	610	566	NR	740	23	NR	870	1	NR	1000	0	NR
485	210	NR	615	543	NR	745	20	NR	875	0	NR			

REPORT NUMBER: SP1-2407-184-12

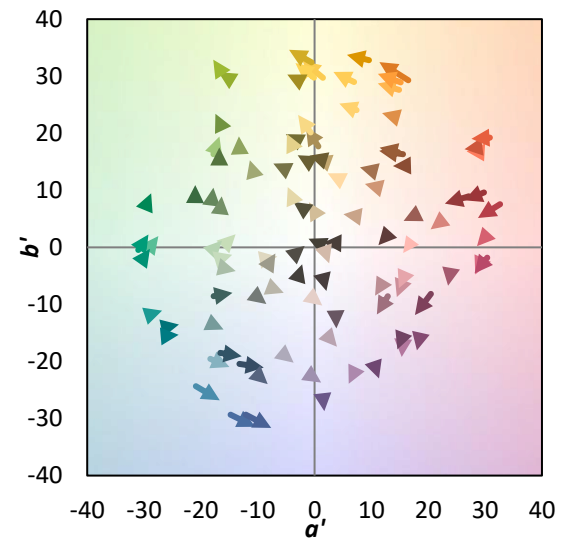
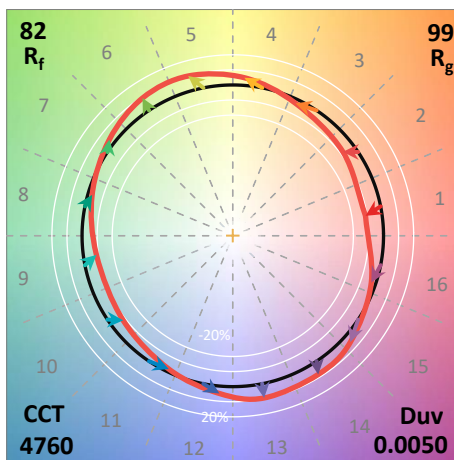
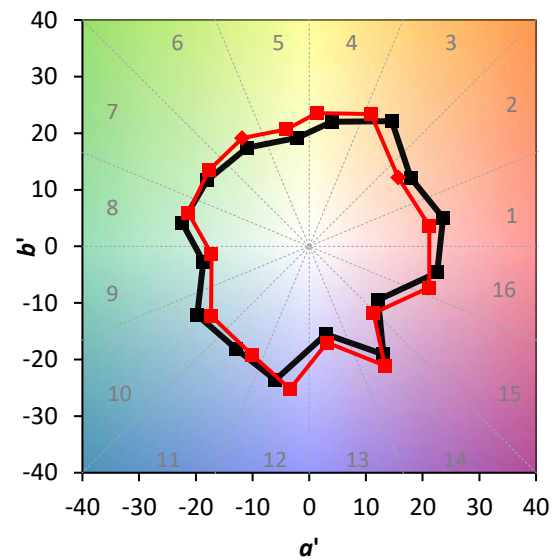
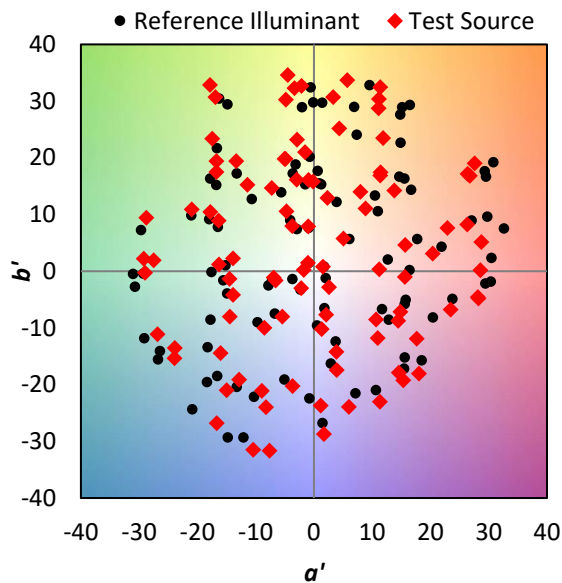
TM-30-18

Summary

$R_f = 82$
 $R_g = 99.4$
 $\text{CIE } R_a = 81.1$
 $R_9 = 8.7$

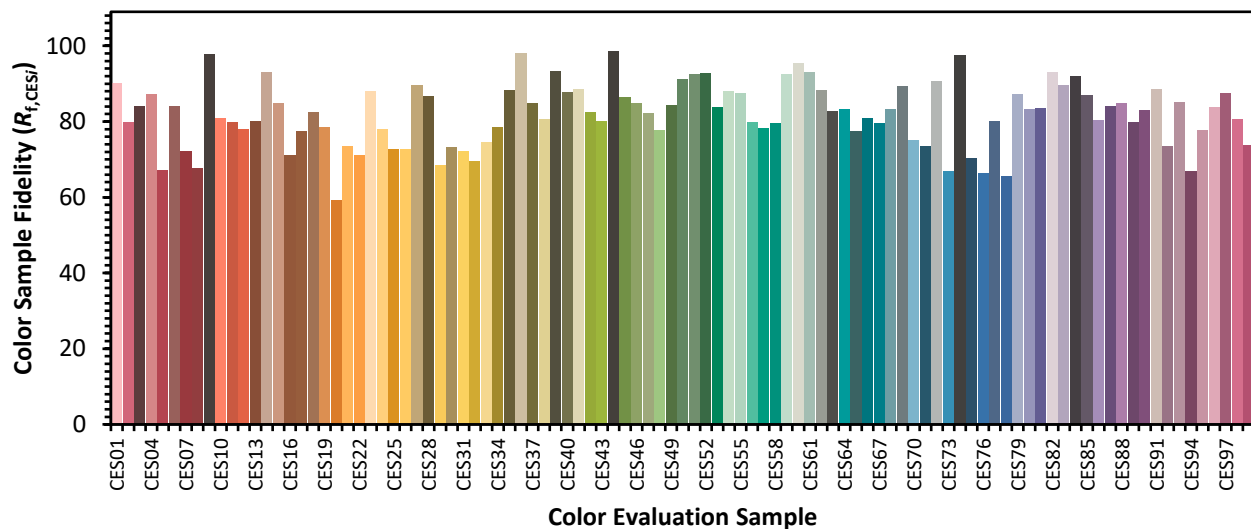


Color Vector Graphics

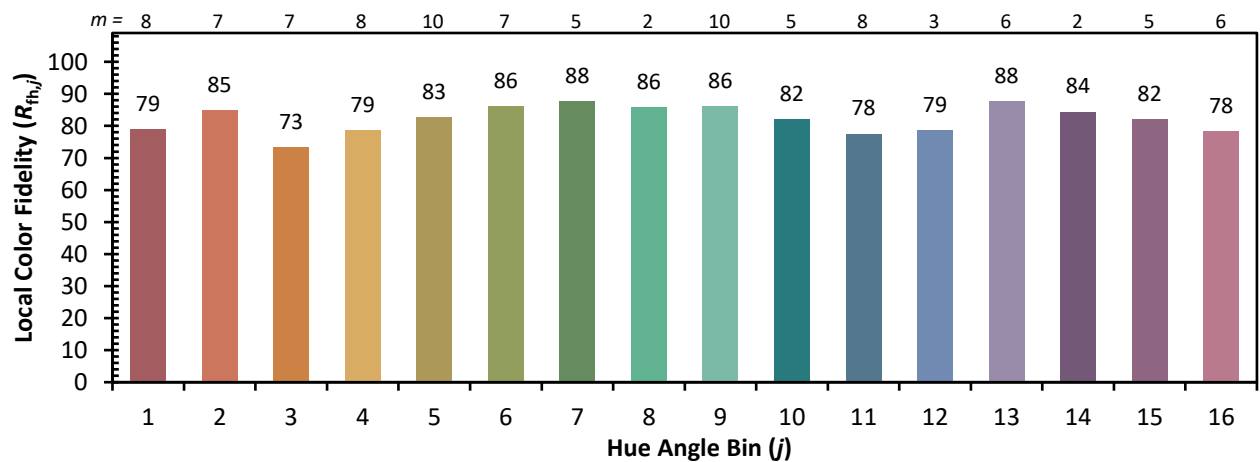
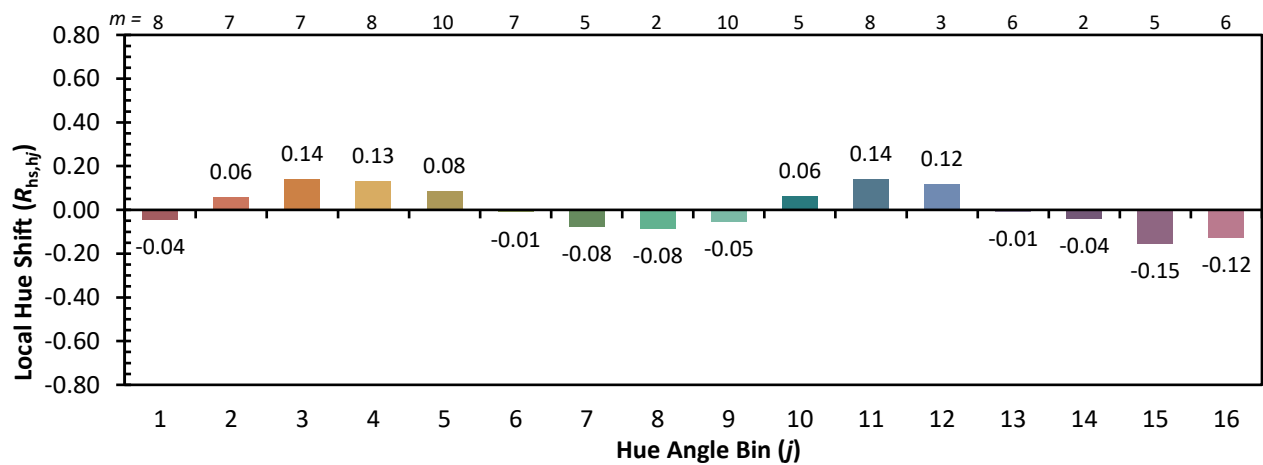
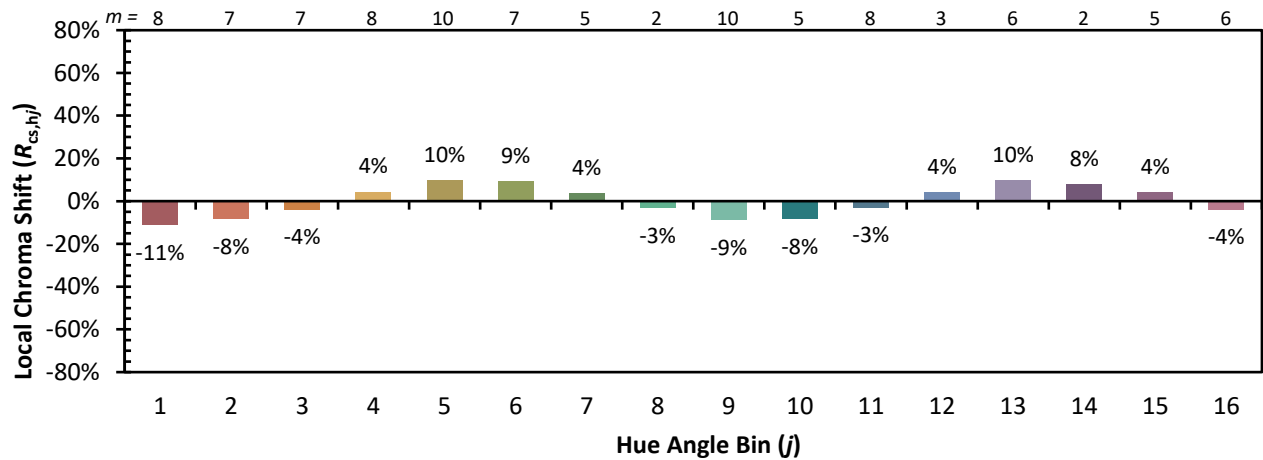


Individual Sample Fidelity Index ($R_{f,i}$)

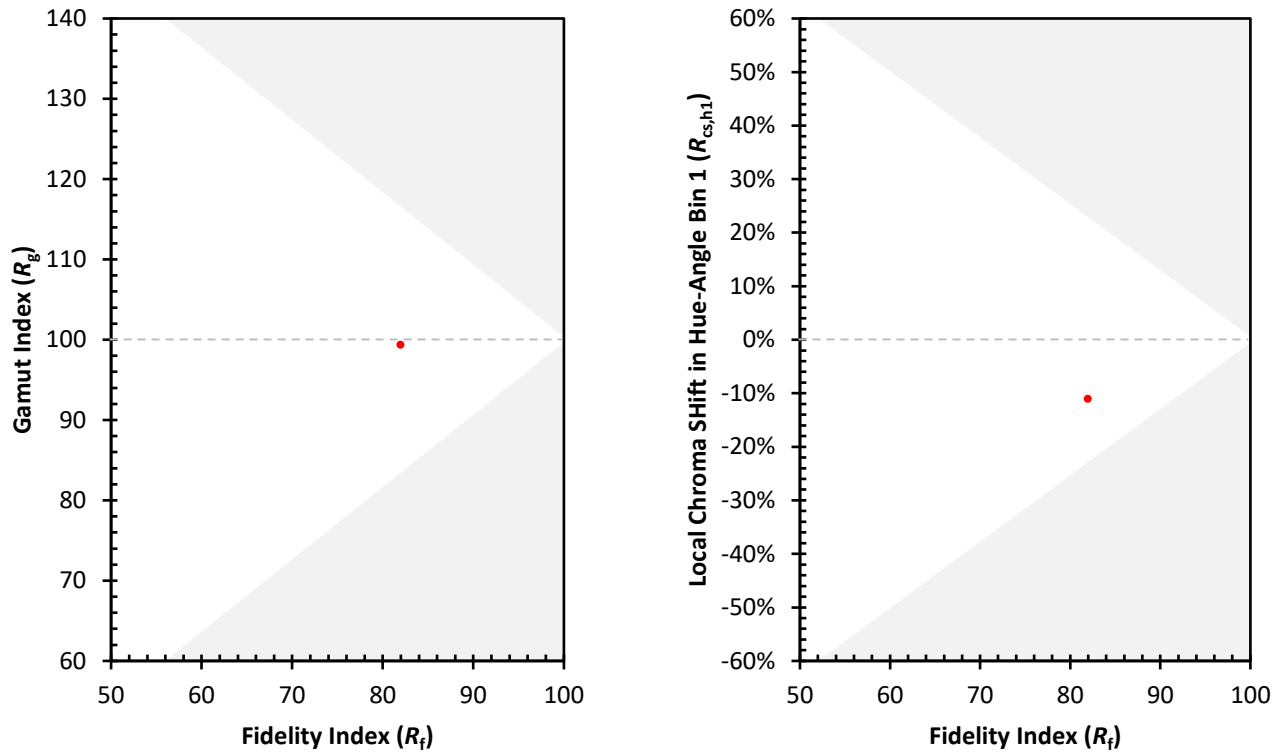
CES01 = 85	CES26 = 73	CES51 = 92	CES76 = 66
CES02 = 60	CES27 = 90	CES52 = 93	CES77 = 80
CES03 = 30	CES28 = 87	CES53 = 84	CES78 = 65
CES04 = 69	CES29 = 69	CES54 = 88	CES79 = 87
CES05 = 47	CES30 = 73	CES55 = 88	CES80 = 83
CES06 = 50	CES31 = 72	CES56 = 80	CES81 = 84
CES07 = 40	CES32 = 69	CES57 = 78	CES82 = 93
CES08 = 39	CES33 = 75	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 78	CES59 = 93	CES84 = 92
CES10 = 73	CES35 = 88	CES60 = 95	CES85 = 87
CES11 = 56	CES36 = 98	CES61 = 93	CES86 = 80
CES12 = 62	CES37 = 85	CES62 = 88	CES87 = 84
CES13 = 42	CES38 = 81	CES63 = 83	CES88 = 85
CES14 = 74	CES39 = 93	CES64 = 83	CES89 = 80
CES15 = 71	CES40 = 88	CES65 = 77	CES90 = 83
CES16 = 46	CES41 = 89	CES66 = 81	CES91 = 89
CES17 = 48	CES42 = 82	CES67 = 80	CES92 = 73
CES18 = 55	CES43 = 80	CES68 = 83	CES93 = 85
CES19 = 70	CES44 = 99	CES69 = 89	CES94 = 67
CES20 = 64	CES45 = 87	CES70 = 75	CES95 = 78
CES21 = 85	CES46 = 85	CES71 = 73	CES96 = 84
CES22 = 77	CES47 = 82	CES72 = 91	CES97 = 87
CES23 = 91	CES48 = 78	CES73 = 67	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 74
CES25 = 71	CES50 = 91	CES75 = 70	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)