

Classified
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: P627065 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-722-U-MR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627065 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-13)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3B-722-U-MR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM SYMMETRICAL ROUND N58
Light Source: (48) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

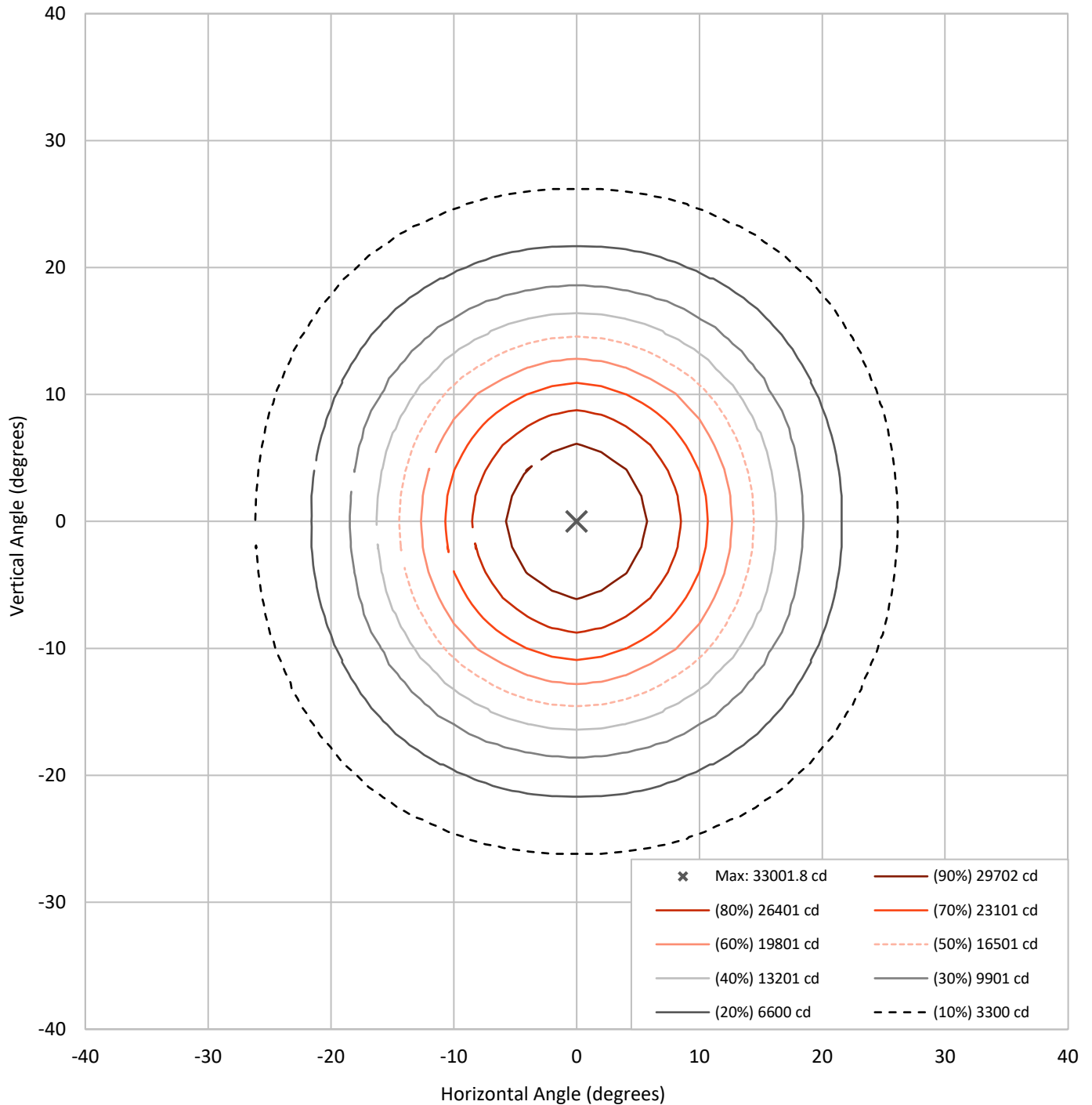
Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	10310.9 lumens	Max Intensity:	33001.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	110.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	28.8°H x 29°V	Field Angle (10%):	52.3°H x 52.3°V
Beam Lumens:	5013 lumens	Field Lumens:	8459.9 lumens
Beam Efficiency:	48.6%	Field Efficiency:	82.0%
Input Watts (W):	93.7		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





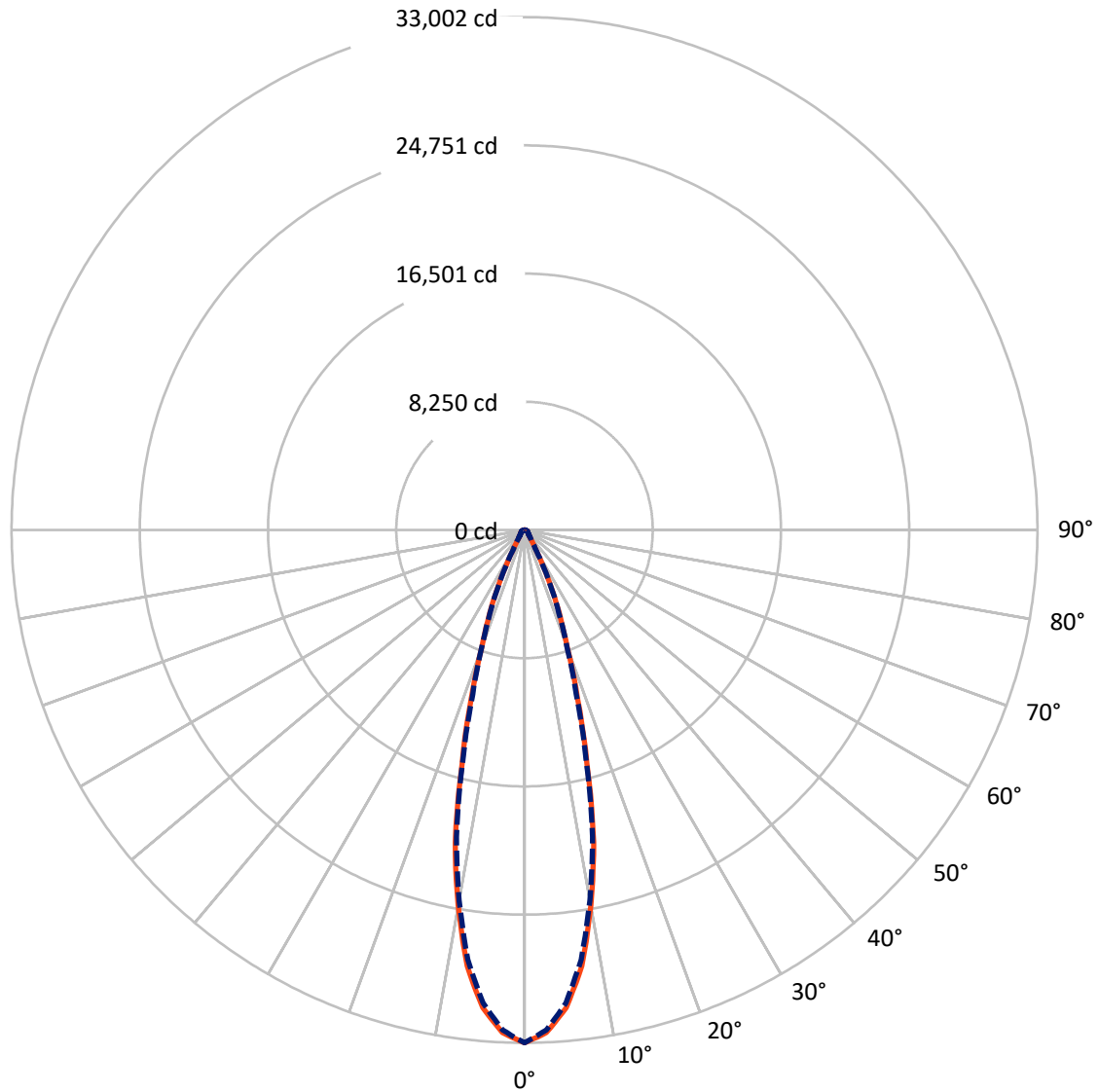
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Lumen Table

90																
80	0.2	1.7		4.5		7.1		7.9		7.1		4.5		1.7		0.2
70																
60	0.8	0.9	1.8	2.9	4.1	5.0	5.6	5.9	5.9	5.6	5.0	4.1	2.9	1.8	0.9	0.8
50		1.3	2.7	4.3	5.8	7.1	8.0	8.2	8.2	8.0	7.1	5.8	4.3	2.7	1.3	
40	1.4	1.7	3.4	5.3	7.1	8.9	10.5	11.3	11.3	10.5	8.9	7.1	5.3	3.4	1.7	1.4
30		2.0	4.0	6.1	8.7	12.3	17.9	23.2	23.2	17.9	12.3	8.7	6.1	4.0	2.0	
20	1.7	2.2	4.4	6.9	11.1	24.1	67.9	120.4	120.4	67.9	24.1	11.1	6.9	4.4	2.2	1.7
10		2.4	4.6	7.5	15.1	63.3	225.5	432.2	432.2	225.5	63.3	15.1	7.5	4.6	2.4	
0	1.9	2.5	4.7	7.9	19.2	109.2	417.5	821.2	821.2	417.5	109.2	19.2	7.9	4.7	2.5	1.9
-10		2.5	4.7	7.9	19.2	109.2	417.5	821.2	821.2	417.5	109.2	19.2	7.9	4.7	2.5	
-20	1.7	2.4	4.6	7.5	15.1	63.3	225.5	432.2	432.2	225.5	63.3	15.1	7.5	4.6	2.4	1.7
-30		2.2	4.4	6.9	11.1	24.1	67.9	120.4	120.4	67.9	24.1	11.1	6.9	4.4	2.2	
-40	1.4	2.0	4.0	6.1	8.7	12.3	17.9	23.2	23.2	17.9	12.3	8.7	6.1	4.0	2.0	1.4
-50		1.7	3.4	5.3	7.1	8.9	10.5	11.3	11.3	10.5	8.9	7.1	5.3	3.4	1.7	
-60	0.8	1.3	2.7	4.3	5.8	7.1	8.0	8.2	8.2	8.0	7.1	5.8	4.3	2.7	1.3	0.8
-70		0.9	1.8	2.9	4.1	5.0	5.6	5.9	5.9	5.6	5.0	4.1	2.9	1.8	0.9	
-80																
-90	0.2	1.7		4.5		7.1		7.9		7.1		4.5		1.7		0.2
Horizontal Angle (degrees)																

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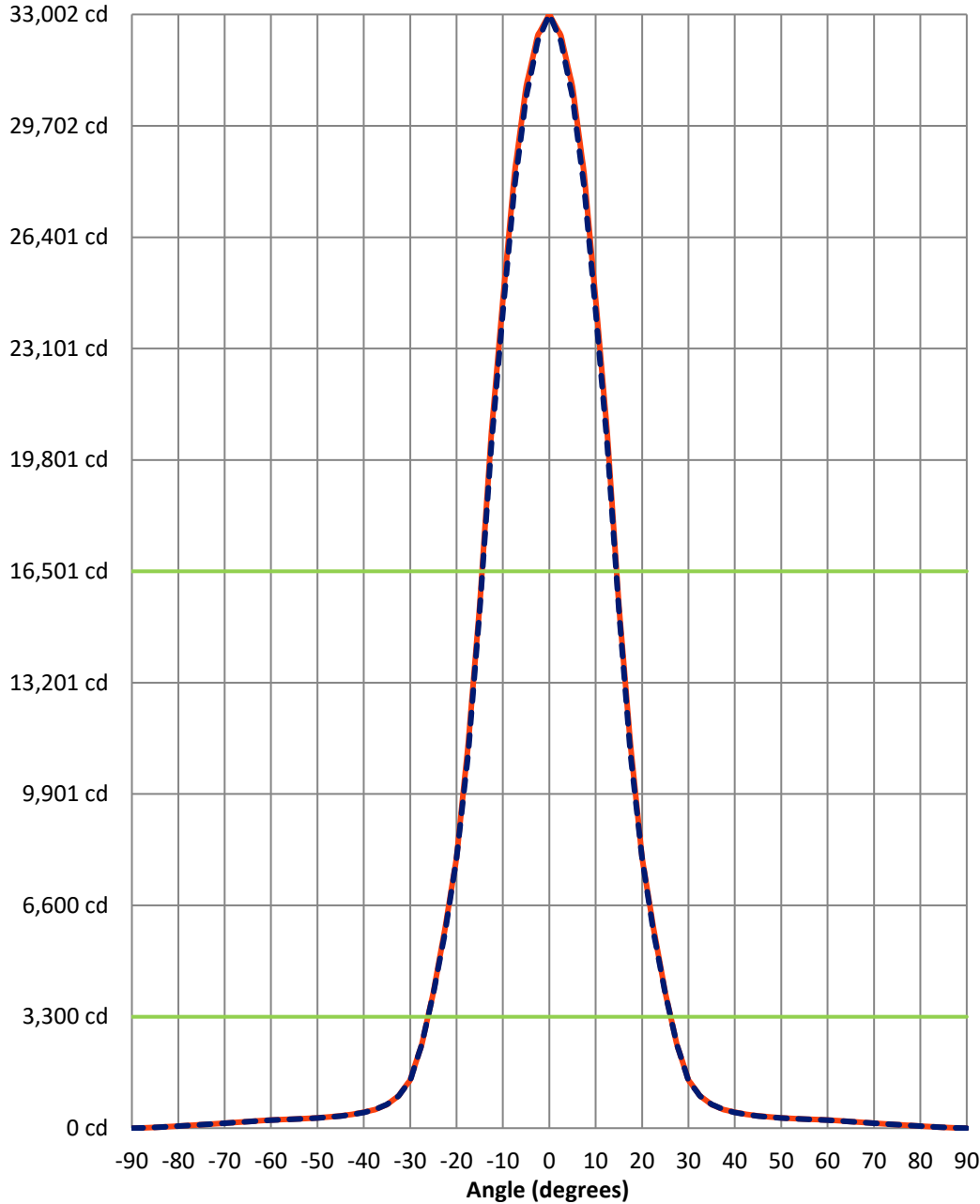
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 28.8°
 V Angle: 29°
 Lumens: 5013
 Efficiency: 48.6%

Field:
 H Angle: 52.3°
 V Angle: 52.3°
 Lumens: 8459.9
 Efficiency: 82.0%

Spill:
 Lumens: 1851
 Efficiency: 18.0%

— Vertical Distribution through 0-Deg
 - - Horizontal Distribution through 0-Deg

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	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	0.4	0.7	1.1	1.5	1.8	2.2	2.6	2.9	3.3	3.6
85°	0.0	0.7	1.5	2.2	2.9	3.7	4.4	5.1	5.8	6.5	7.2
82.5°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	7.6	8.9	10.9	13.0
80°	0.0	1.5	2.9	4.4	5.9	7.3	8.9	11.5	14.2	17.0	20.0
77.5°	0.0	1.8	3.7	5.5	7.3	9.6	12.7	16.0	19.5	23.2	27.2
75°	0.0	2.2	4.4	6.6	8.9	12.7	16.4	20.4	24.8	30.0	35.0
72.5°	0.0	2.6	5.1	7.6	11.4	15.8	20.1	25.1	31.1	37.0	42.8
70°	0.0	2.9	5.8	8.8	13.9	18.8	23.9	30.5	37.2	43.9	51.1
67.5°	0.0	3.3	6.5	10.6	16.3	21.8	28.5	35.8	43.3	51.5	59.5
65°	0.0	3.6	7.2	12.4	18.6	25.2	33.1	41.1	50.0	58.9	67.9
62.5°	0.0	3.9	7.8	14.2	20.9	28.9	37.5	46.6	56.5	66.3	76.6
60°	0.0	4.2	8.5	15.9	23.2	32.6	41.9	52.2	62.8	73.7	85.0
57.5°	0.0	4.6	9.6	17.5	26.0	36.1	46.5	57.6	69.1	80.9	93.3
55°	0.0	4.9	10.7	19.1	28.8	39.6	51.0	62.9	75.2	88.0	101.5
52.5°	0.0	5.2	11.7	20.7	31.5	43.0	55.3	68.0	81.1	95.1	109.4
50°	0.0	5.5	12.7	22.2	34.1	46.4	59.4	73.0	86.8	102.0	116.8
47.5°	0.0	5.7	13.7	23.8	36.6	49.6	63.4	77.7	92.7	108.7	123.7
45°	0.0	6.0	14.6	25.6	39.0	52.8	67.3	82.3	98.4	114.6	130.3
42.5°	0.0	6.3	15.5	27.3	41.3	55.7	71.0	86.9	103.9	120.1	136.3
40°	0.0	6.5	16.4	28.9	43.5	58.5	74.6	91.3	108.8	125.3	142.1
37.5°	0.0	6.7	17.2	30.4	45.6	61.1	78.0	95.5	113.3	130.3	147.5
35°	0.0	7.0	17.9	31.9	47.6	63.7	81.2	99.4	117.4	135.0	152.5
32.5°	0.0	7.2	18.7	33.2	49.4	66.2	84.2	103.0	121.3	139.4	157.5
30°	0.0	7.4	19.3	34.4	51.1	68.5	87.1	106.3	124.9	143.5	162.1
27.5°	0.0	7.5	19.9	35.5	52.7	70.6	89.7	109.2	128.3	147.3	166.3
25°	0.0	7.7	20.5	36.4	54.1	72.6	92.1	111.8	131.3	150.8	170.1
22.5°	0.0	7.9	21.0	37.3	55.4	74.4	94.2	114.2	134.0	153.8	174.0
20°	0.0	8.0	21.5	38.1	56.6	75.9	96.0	116.3	136.5	156.6	177.4
17.5°	0.0	8.1	21.9	38.7	57.7	77.2	97.7	118.1	138.6	159.0	180.4
15°	0.0	8.2	22.3	39.2	58.6	78.3	99.3	119.8	140.3	161.0	183.0
12.5°	0.0	8.3	22.6	39.7	59.5	79.2	100.6	121.4	142.0	162.6	185.1
10°	0.0	8.4	22.8	40.0	60.1	79.9	101.7	122.7	143.5	164.6	187.1
7.5°	0.0	8.4	23.0	40.2	60.7	80.3	102.6	123.7	144.7	166.4	189.2
5°	0.0	8.5	23.2	40.3	61.1	80.6	103.3	124.4	145.5	167.8	190.9
2.5°	0.0	8.5	23.3	40.3	61.3	80.6	103.7	124.9	146.0	168.8	192.1
0°	0.0	8.5	23.3	40.2	61.4	80.5	103.8	125.0	146.2	169.5	192.8
-2.5°	0.0	8.5	23.3	40.3	61.3	80.6	103.7	124.9	146.0	168.8	192.1
-5°	0.0	8.5	23.2	40.3	61.1	80.6	103.3	124.4	145.5	167.8	190.9
-7.5°	0.0	8.4	23.0	40.2	60.7	80.3	102.6	123.7	144.7	166.4	189.2
-10°	0.0	8.4	22.8	40.0	60.1	79.9	101.7	122.7	143.5	164.6	187.1
-12.5°	0.0	8.3	22.6	39.7	59.5	79.2	100.6	121.4	142.0	162.6	185.1
-15°	0.0	8.2	22.3	39.2	58.6	78.3	99.3	119.8	140.3	161.0	183.0
-17.5°	0.0	8.1	21.9	38.7	57.7	77.2	97.7	118.1	138.6	159.0	180.4
-20°	0.0	8.0	21.5	38.1	56.6	75.9	96.0	116.3	136.5	156.6	177.4

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Scaled Data Report



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CATALOG NUMBER: GFLD-SA3B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	7.9	21.0	37.3	55.4	74.4	94.2	114.2	134.0	153.8	174.0
-25°	0.0	7.7	20.5	36.4	54.1	72.6	92.1	111.8	131.3	150.8	170.1
-27.5°	0.0	7.5	19.9	35.5	52.7	70.6	89.7	109.2	128.3	147.3	166.3
-30°	0.0	7.4	19.3	34.4	51.1	68.5	87.1	106.3	124.9	143.5	162.1
-32.5°	0.0	7.2	18.7	33.2	49.4	66.2	84.2	103.0	121.3	139.4	157.5
-35°	0.0	7.0	17.9	31.9	47.6	63.7	81.2	99.4	117.4	135.0	152.5
-37.5°	0.0	6.7	17.2	30.4	45.6	61.1	78.0	95.5	113.3	130.3	147.5
-40°	0.0	6.5	16.4	28.9	43.5	58.5	74.6	91.3	108.8	125.3	142.1
-42.5°	0.0	6.3	15.5	27.3	41.3	55.7	71.0	86.9	103.9	120.1	136.3
-45°	0.0	6.0	14.6	25.6	39.0	52.8	67.3	82.3	98.4	114.6	130.3
-47.5°	0.0	5.7	13.7	23.8	36.6	49.6	63.4	77.7	92.7	108.7	123.7
-50°	0.0	5.5	12.7	22.2	34.1	46.4	59.4	73.0	86.8	102.0	116.8
-52.5°	0.0	5.2	11.7	20.7	31.5	43.0	55.3	68.0	81.1	95.1	109.4
-55°	0.0	4.9	10.7	19.1	28.8	39.6	51.0	62.9	75.2	88.0	101.5
-57.5°	0.0	4.6	9.6	17.5	26.0	36.1	46.5	57.6	69.1	80.9	93.3
-60°	0.0	4.2	8.5	15.9	23.2	32.6	41.9	52.2	62.8	73.7	85.0
-62.5°	0.0	3.9	7.8	14.2	20.9	28.9	37.5	46.6	56.5	66.3	76.6
-65°	0.0	3.6	7.2	12.4	18.6	25.2	33.1	41.1	50.0	58.9	67.9
-67.5°	0.0	3.3	6.5	10.6	16.3	21.8	28.5	35.8	43.3	51.5	59.5
-70°	0.0	2.9	5.8	8.8	13.9	18.8	23.9	30.5	37.2	43.9	51.1
-72.5°	0.0	2.6	5.1	7.6	11.4	15.8	20.1	25.1	31.1	37.0	42.8
-75°	0.0	2.2	4.4	6.6	8.9	12.7	16.4	20.4	24.8	30.0	35.0
-77.5°	0.0	1.8	3.7	5.5	7.3	9.6	12.7	16.0	19.5	23.2	27.2
-80°	0.0	1.5	2.9	4.4	5.9	7.3	8.9	11.5	14.2	17.0	20.0
-82.5°	0.0	1.1	2.2	3.3	4.4	5.5	6.6	7.6	8.9	10.9	13.0
-85°	0.0	0.7	1.5	2.2	2.9	3.7	4.4	5.1	5.8	6.5	7.2
-87.5°	0.0	0.4	0.7	1.1	1.5	1.8	2.2	2.6	2.9	3.3	3.6
-90°	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):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.9	4.2	4.6	4.9	5.2	5.5	5.7	6.0	6.3	6.5	6.7
85°	7.8	8.5	9.7	11.0	12.2	13.3	14.4	15.5	16.5	17.5	18.4
82.5°	15.0	16.9	18.8	20.6	22.4	24.1	25.8	27.4	29.0	30.4	31.8
80°	22.7	25.3	27.9	30.3	32.7	35.0	37.2	39.4	41.4	43.6	45.9
77.5°	30.9	34.2	37.3	40.0	43.0	46.6	50.1	53.5	56.7	59.7	62.6
75°	39.4	43.2	47.3	51.4	55.7	60.0	64.2	68.2	72.2	76.2	80.3
72.5°	48.3	53.4	58.4	63.3	68.6	73.9	78.7	83.1	88.1	93.6	98.6
70°	57.7	63.7	70.0	76.2	82.3	88.1	94.1	100.1	106.2	112.1	117.8
67.5°	67.2	74.7	81.9	89.0	95.9	102.9	110.0	117.3	124.3	131.0	137.5
65°	77.3	85.6	93.8	101.7	109.4	117.9	126.4	134.5	143.3	151.5	158.7
62.5°	87.1	96.5	105.4	114.4	123.7	133.2	142.9	153.1	163.7	171.3	177.9
60°	96.6	107.1	117.1	127.4	137.8	148.5	159.7	170.5	180.2	188.5	195.4
57.5°	105.8	117.6	128.7	139.8	151.2	163.4	175.7	186.8	195.8	203.8	211.4
55°	114.8	127.8	139.6	151.5	164.4	178.6	191.2	201.3	210.5	217.1	224.4
52.5°	123.3	137.2	149.6	162.9	177.7	192.4	205.0	214.7	222.5	229.4	236.4
50°	131.4	145.4	159.2	174.3	189.9	204.7	217.4	226.4	234.2	241.3	248.1
47.5°	138.8	153.4	168.9	185.0	201.3	216.0	228.2	237.3	245.3	252.7	260.2
45°	145.7	161.4	177.9	195.6	212.3	226.8	237.9	247.7	255.5	263.8	273.1
42.5°	152.4	169.1	187.0	205.9	223.0	236.2	246.9	256.4	265.3	275.3	285.7
40°	158.9	176.4	195.7	215.5	232.9	244.4	255.2	265.2	275.5	286.7	298.1
37.5°	165.0	183.7	203.8	224.5	240.2	252.2	263.4	274.4	286.0	298.1	312.3
35°	170.6	190.5	211.6	231.6	246.7	259.7	271.7	283.7	296.7	311.5	327.1
32.5°	176.1	196.7	218.8	237.5	252.6	266.5	279.7	293.3	308.1	324.5	342.3
30°	181.4	202.8	225.1	243.6	257.8	272.1	287.5	302.7	319.2	337.3	358.3
27.5°	186.6	208.4	230.4	248.4	262.4	277.0	293.5	312.0	330.0	349.8	374.1
25°	191.4	214.1	235.6	252.2	266.4	281.6	298.9	318.6	339.7	363.3	393.1
22.5°	195.9	219.3	240.6	255.4	269.7	285.7	304.3	325.1	348.1	375.4	411.8
20°	200.1	223.4	243.9	258.4	272.5	288.9	308.9	330.8	357.1	390.2	433.7
17.5°	203.8	226.8	246.2	260.9	275.3	292.3	312.9	335.7	365.2	403.3	454.7
15°	206.9	229.7	248.1	262.8	277.8	295.7	316.9	341.8	374.1	416.0	472.9
12.5°	209.5	231.9	249.8	264.1	279.7	298.3	320.4	347.6	383.0	430.0	497.5
10°	211.6	233.5	251.1	264.9	281.0	300.0	323.1	352.2	390.2	441.7	518.5
7.5°	213.6	234.9	252.0	265.3	281.8	300.8	325.0	355.5	395.4	450.5	535.2
5°	215.0	236.2	252.5	266.1	282.3	301.2	326.3	357.3	398.7	456.2	547.0
2.5°	215.8	237.0	252.6	266.7	282.3	301.3	327.8	358.4	402.4	461.1	553.7
0°	216.1	237.3	252.1	266.9	281.7	300.8	328.3	358.0	404.6	463.9	555.0
-2.5°	215.8	237.0	252.6	266.7	282.3	301.3	327.8	358.4	402.4	461.1	553.7
-5°	215.0	236.2	252.5	266.1	282.3	301.2	326.3	357.3	398.7	456.2	547.0
-7.5°	213.6	234.9	252.0	265.3	281.8	300.8	325.0	355.5	395.4	450.5	535.2
-10°	211.6	233.5	251.1	264.9	281.0	300.0	323.1	352.2	390.2	441.7	518.5
-12.5°	209.5	231.9	249.8	264.1	279.7	298.3	320.4	347.6	383.0	430.0	497.5
-15°	206.9	229.7	248.1	262.8	277.8	295.7	316.9	341.8	374.1	416.0	472.9
-17.5°	203.8	226.8	246.2	260.9	275.3	292.3	312.9	335.7	365.2	403.3	454.7
-20°	200.1	223.4	243.9	258.4	272.5	288.9	308.9	330.8	357.1	390.2	433.7



REPORT NUMBER: P627065 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	195.9	219.3	240.6	255.4	269.7	285.7	304.3	325.1	348.1	375.4	411.8
-25°	191.4	214.1	235.6	252.2	266.4	281.6	298.9	318.6	339.7	363.3	393.1
-27.5°	186.6	208.4	230.4	248.4	262.4	277.0	293.5	312.0	330.0	349.8	374.1
-30°	181.4	202.8	225.1	243.6	257.8	272.1	287.5	302.7	319.2	337.3	358.3
-32.5°	176.1	196.7	218.8	237.5	252.6	266.5	279.7	293.3	308.1	324.5	342.3
-35°	170.6	190.5	211.6	231.6	246.7	259.7	271.7	283.7	296.7	311.5	327.1
-37.5°	165.0	183.7	203.8	224.5	240.2	252.2	263.4	274.4	286.0	298.1	312.3
-40°	158.9	176.4	195.7	215.5	232.9	244.4	255.2	265.2	275.5	286.7	298.1
-42.5°	152.4	169.1	187.0	205.9	223.0	236.2	246.9	256.4	265.3	275.3	285.7
-45°	145.7	161.4	177.9	195.6	212.3	226.8	237.9	247.7	255.5	263.8	273.1
-47.5°	138.8	153.4	168.9	185.0	201.3	216.0	228.2	237.3	245.3	252.7	260.2
-50°	131.4	145.4	159.2	174.3	189.9	204.7	217.4	226.4	234.2	241.3	248.1
-52.5°	123.3	137.2	149.6	162.9	177.7	192.4	205.0	214.7	222.5	229.4	236.4
-55°	114.8	127.8	139.6	151.5	164.4	178.6	191.2	201.3	210.5	217.1	224.4
-57.5°	105.8	117.6	128.7	139.8	151.2	163.4	175.7	186.8	195.8	203.8	211.4
-60°	96.6	107.1	117.1	127.4	137.8	148.5	159.7	170.5	180.2	188.5	195.4
-62.5°	87.1	96.5	105.4	114.4	123.7	133.2	142.9	153.1	163.7	171.3	177.9
-65°	77.3	85.6	93.8	101.7	109.4	117.9	126.4	134.5	143.3	151.5	158.7
-67.5°	67.2	74.7	81.9	89.0	95.9	102.9	110.0	117.3	124.3	131.0	137.5
-70°	57.7	63.7	70.0	76.2	82.3	88.1	94.1	100.1	106.2	112.1	117.8
-72.5°	48.3	53.4	58.4	63.3	68.6	73.9	78.7	83.1	88.1	93.6	98.6
-75°	39.4	43.2	47.3	51.4	55.7	60.0	64.2	68.2	72.2	76.2	80.3
-77.5°	30.9	34.2	37.3	40.0	43.0	46.6	50.1	53.5	56.7	59.7	62.6
-80°	22.7	25.3	27.9	30.3	32.7	35.0	37.2	39.4	41.4	43.6	45.9
-82.5°	15.0	16.9	18.8	20.6	22.4	24.1	25.8	27.4	29.0	30.4	31.8
-85°	7.8	8.5	9.7	11.0	12.2	13.3	14.4	15.5	16.5	17.5	18.4
-87.5°	3.9	4.2	4.6	4.9	5.2	5.5	5.7	6.0	6.3	6.5	6.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627065 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	7.0	7.2	7.4	7.5	7.7	7.9	8.0	8.1	8.2	8.3	8.4
85°	19.3	20.1	20.9	21.6	22.2	22.4	22.4	22.4	22.3	22.6	22.8
82.5°	33.1	34.6	36.1	37.6	39.1	39.6	40.0	40.3	40.5	41.0	41.5
80°	48.1	50.5	52.7	54.6	56.4	57.6	58.7	59.7	60.7	61.1	61.3
77.5°	65.6	68.4	71.1	73.6	75.8	77.6	79.1	80.2	81.1	81.7	82.1
75°	84.3	87.9	91.1	94.1	96.8	98.7	100.1	101.0	101.7	102.4	102.9
72.5°	103.2	107.3	111.1	114.7	117.9	120.1	121.6	122.8	123.8	124.5	124.8
70°	123.1	128.0	132.2	135.8	138.6	140.8	142.4	143.7	144.8	145.5	145.9
67.5°	143.7	148.9	152.9	156.0	158.5	160.8	162.8	164.4	165.4	166.5	167.5
65°	164.7	170.0	174.0	177.3	180.0	182.9	185.6	187.6	188.9	190.1	191.3
62.5°	184.4	190.4	195.1	199.5	203.9	208.1	210.5	212.3	213.7	214.8	216.2
60°	202.3	209.2	214.9	220.2	225.6	231.0	233.2	235.0	236.6	238.2	239.6
57.5°	218.3	225.5	232.5	237.7	242.9	248.0	251.4	253.4	254.6	255.4	255.9
55°	232.1	239.4	246.3	252.3	257.9	263.1	267.0	268.9	270.3	271.2	271.7
52.5°	244.5	252.3	259.7	266.4	272.4	278.1	282.9	285.5	287.6	289.1	289.6
50°	256.7	265.2	273.1	280.3	287.3	294.0	300.2	303.8	306.3	307.9	308.4
47.5°	269.5	278.6	287.2	295.5	303.5	311.5	318.8	323.7	327.3	330.0	331.9
45°	282.7	292.5	302.1	311.9	321.1	331.4	340.6	347.7	353.0	357.6	361.2
42.5°	296.0	307.1	318.1	330.7	343.2	354.9	366.0	375.4	384.0	392.4	399.0
40°	310.6	322.7	337.7	352.6	368.1	381.7	397.8	412.3	425.5	439.8	451.6
37.5°	326.4	341.9	359.8	377.7	397.8	417.4	439.9	462.0	481.3	506.3	526.4
35°	343.7	363.4	384.4	408.5	434.4	465.0	496.5	533.4	564.8	604.6	641.3
32.5°	362.9	386.1	413.4	446.4	481.4	530.6	576.7	639.3	692.8	761.9	837.3
30°	382.5	412.4	449.6	492.2	551.4	621.2	702.6	808.4	922.9	1041.3	1200.7
27.5°	405.7	444.5	491.0	556.8	645.4	742.0	907.8	1086.7	1336.0	1533.4	1884.9
25°	430.7	478.7	547.4	642.8	765.2	960.7	1240.5	1564.4	2063.3	2507.1	3017.0
22.5°	460.2	525.5	616.4	741.4	954.8	1291.1	1727.8	2393.1	3132.6	3862.5	4529.6
20°	491.5	570.5	697.5	901.1	1231.0	1717.2	2496.3	3446.9	4428.7	5429.1	6272.1
17.5°	528.1	635.3	802.7	1073.0	1543.6	2376.2	3416.9	4625.6	5908.3	7184.8	8293.5
15°	559.6	691.9	917.3	1322.3	2024.1	3065.5	4344.5	5871.1	7484.1	9140.6	10936.0
12.5°	599.7	760.2	1035.5	1528.4	2450.3	3803.9	5368.9	7141.3	9111.0	11310.5	14109.5
10°	636.4	831.8	1190.9	1858.6	2962.7	4493.7	6253.7	8264.7	10819.5	14124.8	17501.1
7.5°	665.9	888.6	1311.4	2116.2	3392.5	5083.0	7050.5	9461.5	12648.9	16584.8	20442.3
5°	686.4	928.0	1397.6	2310.9	3738.1	5533.3	7615.9	10343.7	14190.9	18598.3	22537.2
2.5°	699.3	949.5	1439.8	2426.5	3963.6	5804.4	7968.7	10904.5	15135.9	19880.1	23868.1
0°	705.4	953.3	1412.9	2482.7	3995.2	5785.2	8001.0	11091.7	15360.2	20228.1	24200.1
-2.5°	699.3	949.5	1439.8	2426.5	3963.6	5804.4	7968.7	10904.5	15135.9	19880.1	23868.1
-5°	686.4	928.0	1397.6	2310.9	3738.1	5533.3	7615.9	10343.7	14190.9	18598.3	22537.2
-7.5°	665.9	888.6	1311.4	2116.2	3392.5	5083.0	7050.5	9461.5	12648.9	16584.8	20442.3
-10°	636.4	831.8	1190.9	1858.6	2962.7	4493.7	6253.7	8264.7	10819.5	14124.8	17501.1
-12.5°	599.7	760.2	1035.5	1528.4	2450.3	3803.9	5368.9	7141.3	9111.0	11310.5	14109.5
-15°	559.6	691.9	917.3	1322.3	2024.1	3065.5	4344.5	5871.1	7484.1	9140.6	10936.0
-17.5°	528.1	635.3	802.7	1073.0	1543.6	2376.2	3416.9	4625.6	5908.3	7184.8	8293.5
-20°	491.5	570.5	697.5	901.1	1231.0	1717.2	2496.3	3446.9	4428.7	5429.1	6272.1

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627065 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	460.2	525.5	616.4	741.4	954.8	1291.1	1727.8	2393.1	3132.6	3862.5	4529.6
-25°	430.7	478.7	547.4	642.8	765.2	960.7	1240.5	1564.4	2063.3	2507.1	3017.0
-27.5°	405.7	444.5	491.0	556.8	645.4	742.0	907.8	1086.7	1336.0	1533.4	1884.9
-30°	382.5	412.4	449.6	492.2	551.4	621.2	702.6	808.4	922.9	1041.3	1200.7
-32.5°	362.9	386.1	413.4	446.4	481.4	530.6	576.7	639.3	692.8	761.9	837.3
-35°	343.7	363.4	384.4	408.5	434.4	465.0	496.5	533.4	564.8	604.6	641.3
-37.5°	326.4	341.9	359.8	377.7	397.8	417.4	439.9	462.0	481.3	506.3	526.4
-40°	310.6	322.7	337.7	352.6	368.1	381.7	397.8	412.3	425.5	439.8	451.6
-42.5°	296.0	307.1	318.1	330.7	343.2	354.9	366.0	375.4	384.0	392.4	399.0
-45°	282.7	292.5	302.1	311.9	321.1	331.4	340.6	347.7	353.0	357.6	361.2
-47.5°	269.5	278.6	287.2	295.5	303.5	311.5	318.8	323.7	327.3	330.0	331.9
-50°	256.7	265.2	273.1	280.3	287.3	294.0	300.2	303.8	306.3	307.9	308.4
-52.5°	244.5	252.3	259.7	266.4	272.4	278.1	282.9	285.5	287.6	289.1	289.6
-55°	232.1	239.4	246.3	252.3	257.9	263.1	267.0	268.9	270.3	271.2	271.7
-57.5°	218.3	225.5	232.5	237.7	242.9	248.0	251.4	253.4	254.6	255.4	255.9
-60°	202.3	209.2	214.9	220.2	225.6	231.0	233.2	235.0	236.6	238.2	239.6
-62.5°	184.4	190.4	195.1	199.5	203.9	208.1	210.5	212.3	213.7	214.8	216.2
-65°	164.7	170.0	174.0	177.3	180.0	182.9	185.6	187.6	188.9	190.1	191.3
-67.5°	143.7	148.9	152.9	156.0	158.5	160.8	162.8	164.4	165.4	166.5	167.5
-70°	123.1	128.0	132.2	135.8	138.6	140.8	142.4	143.7	144.8	145.5	145.9
-72.5°	103.2	107.3	111.1	114.7	117.9	120.1	121.6	122.8	123.8	124.5	124.8
-75°	84.3	87.9	91.1	94.1	96.8	98.7	100.1	101.0	101.7	102.4	102.9
-77.5°	65.6	68.4	71.1	73.6	75.8	77.6	79.1	80.2	81.1	81.7	82.1
-80°	48.1	50.5	52.7	54.6	56.4	57.6	58.7	59.7	60.7	61.1	61.3
-82.5°	33.1	34.6	36.1	37.6	39.1	39.6	40.0	40.3	40.5	41.0	41.5
-85°	19.3	20.1	20.9	21.6	22.2	22.4	22.4	22.4	22.3	22.6	22.8
-87.5°	7.0	7.2	7.4	7.5	7.7	7.9	8.0	8.1	8.2	8.3	8.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627065 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.4	8.5	8.5	8.5	8.5	8.5	8.4	8.4	8.3	8.2	8.1
85°	23.0	23.2	23.3	23.3	23.3	23.2	23.0	22.8	22.6	22.3	22.4
82.5°	41.9	42.2	42.3	42.4	42.3	42.2	41.9	41.5	41.0	40.5	40.3
80°	61.3	61.1	61.3	61.4	61.3	61.1	61.3	61.3	61.1	60.7	59.7
77.5°	82.2	82.2	82.5	82.6	82.5	82.2	82.2	82.1	81.7	81.1	80.2
75°	103.3	103.3	103.7	103.8	103.7	103.3	103.3	102.9	102.4	101.7	101.0
72.5°	124.9	124.5	124.9	125.0	124.9	124.5	124.9	124.8	124.5	123.8	122.8
70°	145.9	145.7	147.0	148.3	147.0	145.7	145.9	145.9	145.5	144.8	143.7
67.5°	168.3	168.7	170.3	171.6	170.3	168.7	168.3	167.5	166.5	165.4	164.4
65°	192.0	192.1	193.5	194.9	193.5	192.1	192.0	191.3	190.1	188.9	187.6
62.5°	217.1	217.3	218.8	220.3	218.8	217.3	217.1	216.2	214.8	213.7	212.3
60°	240.4	240.7	241.2	241.5	241.2	240.7	240.4	239.6	238.2	236.6	235.0
57.5°	256.1	255.9	256.1	256.3	256.1	255.9	256.1	255.9	255.4	254.6	253.4
55°	271.6	270.9	270.1	269.0	270.1	270.9	271.6	271.7	271.2	270.3	268.9
52.5°	289.2	288.0	287.0	286.0	287.0	288.0	289.2	289.6	289.1	287.6	285.5
50°	308.1	307.1	306.1	305.0	306.1	307.1	308.1	308.4	307.9	306.3	303.8
47.5°	333.2	333.7	333.5	332.6	333.5	333.7	333.2	331.9	330.0	327.3	323.7
45°	363.8	365.0	365.2	364.4	365.2	365.0	363.8	361.2	357.6	353.0	347.7
42.5°	403.6	406.3	407.8	408.8	407.8	406.3	403.6	399.0	392.4	384.0	375.4
40°	460.2	465.7	469.2	472.4	469.2	465.7	460.2	451.6	439.8	425.5	412.3
37.5°	541.2	551.2	555.6	552.9	555.6	551.2	541.2	526.4	506.3	481.3	462.0
35°	669.6	688.4	698.3	699.1	698.3	688.4	669.6	641.3	604.6	564.8	533.4
32.5°	893.0	931.6	952.4	955.4	952.4	931.6	893.0	837.3	761.9	692.8	639.3
30°	1322.8	1401.6	1438.6	1429.9	1438.6	1401.6	1322.8	1200.7	1041.3	922.9	808.4
27.5°	2158.2	2354.8	2471.3	2480.6	2471.3	2354.8	2158.2	1884.9	1533.4	1336.0	1086.7
25°	3468.7	3804.4	4019.3	4022.8	4019.3	3804.4	3468.7	3017.0	2507.1	2063.3	1564.4
22.5°	5146.6	5604.7	5855.8	5899.6	5855.8	5604.7	5146.6	4529.6	3862.5	3132.6	2393.1
20°	7090.4	7700.0	8026.1	8026.4	8026.1	7700.0	7090.4	6272.1	5429.1	4428.7	3446.9
17.5°	9484.4	10474.1	11095.4	11362.8	11095.4	10474.1	9484.4	8293.5	7184.8	5908.3	4625.6
15°	12664.8	14328.0	15324.6	15504.2	15324.6	14328.0	12664.8	10936.0	9140.6	7484.1	5871.1
12.5°	16537.4	18642.2	20057.0	20575.6	20057.0	18642.2	16537.4	14109.5	11310.5	9111.0	7141.3
10°	20580.7	22530.9	24046.6	24555.9	24046.6	22530.9	20580.7	17501.1	14124.8	10819.5	8264.7
7.5°	23501.6	25827.1	27534.5	28284.2	27534.5	25827.1	23501.6	20442.3	16584.8	12648.9	9461.5
5°	25807.4	28559.1	30148.4	30853.8	30148.4	28559.1	25807.4	22537.2	18598.3	14190.9	10343.7
2.5°	27320.3	30039.2	31722.2	32372.7	31722.2	30039.2	27320.3	23868.1	19880.1	15135.9	10904.5
0°	27886.0	30544.5	32207.4	33001.8	32207.4	30544.5	27886.0	24200.1	20228.1	15360.2	11091.7
-2.5°	27320.3	30039.2	31722.2	32372.7	31722.2	30039.2	27320.3	23868.1	19880.1	15135.9	10904.5
-5°	25807.4	28559.1	30148.4	30853.8	30148.4	28559.1	25807.4	22537.2	18598.3	14190.9	10343.7
-7.5°	23501.6	25827.1	27534.5	28284.2	27534.5	25827.1	23501.6	20442.3	16584.8	12648.9	9461.5
-10°	20580.7	22530.9	24046.6	24555.9	24046.6	22530.9	20580.7	17501.1	14124.8	10819.5	8264.7
-12.5°	16537.4	18642.2	20057.0	20575.6	20057.0	18642.2	16537.4	14109.5	11310.5	9111.0	7141.3
-15°	12664.8	14328.0	15324.6	15504.2	15324.6	14328.0	12664.8	10936.0	9140.6	7484.1	5871.1
-17.5°	9484.4	10474.1	11095.4	11362.8	11095.4	10474.1	9484.4	8293.5	7184.8	5908.3	4625.6
-20°	7090.4	7700.0	8026.1	8026.4	8026.1	7700.0	7090.4	6272.1	5429.1	4428.7	3446.9



REPORT NUMBER: P627065 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	5146.6	5604.7	5855.8	5899.6	5855.8	5604.7	5146.6	4529.6	3862.5	3132.6	2393.1
-25°	3468.7	3804.4	4019.3	4022.8	4019.3	3804.4	3468.7	3017.0	2507.1	2063.3	1564.4
-27.5°	2158.2	2354.8	2471.3	2480.6	2471.3	2354.8	2158.2	1884.9	1533.4	1336.0	1086.7
-30°	1322.8	1401.6	1438.6	1429.9	1438.6	1401.6	1322.8	1200.7	1041.3	922.9	808.4
-32.5°	893.0	931.6	952.4	955.4	952.4	931.6	893.0	837.3	761.9	692.8	639.3
-35°	669.6	688.4	698.3	699.1	698.3	688.4	669.6	641.3	604.6	564.8	533.4
-37.5°	541.2	551.2	555.6	552.9	555.6	551.2	541.2	526.4	506.3	481.3	462.0
-40°	460.2	465.7	469.2	472.4	469.2	465.7	460.2	451.6	439.8	425.5	412.3
-42.5°	403.6	406.3	407.8	408.8	407.8	406.3	403.6	399.0	392.4	384.0	375.4
-45°	363.8	365.0	365.2	364.4	365.2	365.0	363.8	361.2	357.6	353.0	347.7
-47.5°	333.2	333.7	333.5	332.6	333.5	333.7	333.2	331.9	330.0	327.3	323.7
-50°	308.1	307.1	306.1	305.0	306.1	307.1	308.1	308.4	307.9	306.3	303.8
-52.5°	289.2	288.0	287.0	286.0	287.0	288.0	289.2	289.6	289.1	287.6	285.5
-55°	271.6	270.9	270.1	269.0	270.1	270.9	271.6	271.7	271.2	270.3	268.9
-57.5°	256.1	255.9	256.1	256.3	256.1	255.9	256.1	255.9	255.4	254.6	253.4
-60°	240.4	240.7	241.2	241.5	241.2	240.7	240.4	239.6	238.2	236.6	235.0
-62.5°	217.1	217.3	218.8	220.3	218.8	217.3	217.1	216.2	214.8	213.7	212.3
-65°	192.0	192.1	193.5	194.9	193.5	192.1	192.0	191.3	190.1	188.9	187.6
-67.5°	168.3	168.7	170.3	171.6	170.3	168.7	168.3	167.5	166.5	165.4	164.4
-70°	145.9	145.7	147.0	148.3	147.0	145.7	145.9	145.9	145.5	144.8	143.7
-72.5°	124.9	124.5	124.9	125.0	124.9	124.5	124.9	124.8	124.5	123.8	122.8
-75°	103.3	103.3	103.7	103.8	103.7	103.3	103.3	102.9	102.4	101.7	101.0
-77.5°	82.2	82.2	82.5	82.6	82.5	82.2	82.2	82.1	81.7	81.1	80.2
-80°	61.3	61.1	61.3	61.4	61.3	61.1	61.3	61.3	61.1	60.7	59.7
-82.5°	41.9	42.2	42.3	42.4	42.3	42.2	41.9	41.5	41.0	40.5	40.3
-85°	23.0	23.2	23.3	23.3	23.3	23.2	23.0	22.8	22.6	22.3	22.4
-87.5°	8.4	8.5	8.5	8.5	8.5	8.5	8.4	8.4	8.3	8.2	8.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627065 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	8.0	7.9	7.7	7.5	7.4	7.2	7.0	6.7	6.5	6.3	6.0
85°	22.4	22.4	22.2	21.6	20.9	20.1	19.3	18.4	17.5	16.5	15.5
82.5°	40.0	39.6	39.1	37.6	36.1	34.6	33.1	31.8	30.4	29.0	27.4
80°	58.7	57.6	56.4	54.6	52.7	50.5	48.1	45.9	43.6	41.4	39.4
77.5°	79.1	77.6	75.8	73.6	71.1	68.4	65.6	62.6	59.7	56.7	53.5
75°	100.1	98.7	96.8	94.1	91.1	87.9	84.3	80.3	76.2	72.2	68.2
72.5°	121.6	120.1	117.9	114.7	111.1	107.3	103.2	98.6	93.6	88.1	83.1
70°	142.4	140.8	138.6	135.8	132.2	128.0	123.1	117.8	112.1	106.2	100.1
67.5°	162.8	160.8	158.5	156.0	152.9	148.9	143.7	137.5	131.0	124.3	117.3
65°	185.6	182.9	180.0	177.3	174.0	170.0	164.7	158.7	151.5	143.3	134.5
62.5°	210.5	208.1	203.9	199.5	195.1	190.4	184.4	177.9	171.3	163.7	153.1
60°	233.2	231.0	225.6	220.2	214.9	209.2	202.3	195.4	188.5	180.2	170.5
57.5°	251.4	248.0	242.9	237.7	232.5	225.5	218.3	211.4	203.8	195.8	186.8
55°	267.0	263.1	257.9	252.3	246.3	239.4	232.1	224.4	217.1	210.5	201.3
52.5°	282.9	278.1	272.4	266.4	259.7	252.3	244.5	236.4	229.4	222.5	214.7
50°	300.2	294.0	287.3	280.3	273.1	265.2	256.7	248.1	241.3	234.2	226.4
47.5°	318.8	311.5	303.5	295.5	287.2	278.6	269.5	260.2	252.7	245.3	237.3
45°	340.6	331.4	321.1	311.9	302.1	292.5	282.7	273.1	263.8	255.5	247.7
42.5°	366.0	354.9	343.2	330.7	318.1	307.1	296.0	285.7	275.3	265.3	256.4
40°	397.8	381.7	368.1	352.6	337.7	322.7	310.6	298.1	286.7	275.5	265.2
37.5°	439.9	417.4	397.8	377.7	359.8	341.9	326.4	312.3	298.1	286.0	274.4
35°	496.5	465.0	434.4	408.5	384.4	363.4	343.7	327.1	311.5	296.7	283.7
32.5°	576.7	530.6	481.4	446.4	413.4	386.1	362.9	342.3	324.5	308.1	293.3
30°	702.6	621.2	551.4	492.2	449.6	412.4	382.5	358.3	337.3	319.2	302.7
27.5°	907.8	742.0	645.4	556.8	491.0	444.5	405.7	374.1	349.8	330.0	312.0
25°	1240.5	960.7	765.2	642.8	547.4	478.7	430.7	393.1	363.3	339.7	318.6
22.5°	1727.8	1291.1	954.8	741.4	616.4	525.5	460.2	411.8	375.4	348.1	325.1
20°	2496.3	1717.2	1231.0	901.1	697.5	570.5	491.5	433.7	390.2	357.1	330.8
17.5°	3416.9	2376.2	1543.6	1073.0	802.7	635.3	528.1	454.7	403.3	365.2	335.7
15°	4344.5	3065.5	2024.1	1322.3	917.3	691.9	559.6	472.9	416.0	374.1	341.8
12.5°	5368.9	3803.9	2450.3	1528.4	1035.5	760.2	599.7	497.5	430.0	383.0	347.6
10°	6253.7	4493.7	2962.7	1858.6	1190.9	831.8	636.4	518.5	441.7	390.2	352.2
7.5°	7050.5	5083.0	3392.5	2116.2	1311.4	888.6	665.9	535.2	450.5	395.4	355.5
5°	7615.9	5533.3	3738.1	2310.9	1397.6	928.0	686.4	547.0	456.2	398.7	357.3
2.5°	7968.7	5804.4	3963.6	2426.5	1439.8	949.5	699.3	553.7	461.1	402.4	358.4
0°	8001.0	5785.2	3995.2	2482.7	1412.9	953.3	705.4	555.0	463.9	404.6	358.0
-2.5°	7968.7	5804.4	3963.6	2426.5	1439.8	949.5	699.3	553.7	461.1	402.4	358.4
-5°	7615.9	5533.3	3738.1	2310.9	1397.6	928.0	686.4	547.0	456.2	398.7	357.3
-7.5°	7050.5	5083.0	3392.5	2116.2	1311.4	888.6	665.9	535.2	450.5	395.4	355.5
-10°	6253.7	4493.7	2962.7	1858.6	1190.9	831.8	636.4	518.5	441.7	390.2	352.2
-12.5°	5368.9	3803.9	2450.3	1528.4	1035.5	760.2	599.7	497.5	430.0	383.0	347.6
-15°	4344.5	3065.5	2024.1	1322.3	917.3	691.9	559.6	472.9	416.0	374.1	341.8
-17.5°	3416.9	2376.2	1543.6	1073.0	802.7	635.3	528.1	454.7	403.3	365.2	335.7
-20°	2496.3	1717.2	1231.0	901.1	697.5	570.5	491.5	433.7	390.2	357.1	330.8

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627065 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	1727.8	1291.1	954.8	741.4	616.4	525.5	460.2	411.8	375.4	348.1	325.1
-25°	1240.5	960.7	765.2	642.8	547.4	478.7	430.7	393.1	363.3	339.7	318.6
-27.5°	907.8	742.0	645.4	556.8	491.0	444.5	405.7	374.1	349.8	330.0	312.0
-30°	702.6	621.2	551.4	492.2	449.6	412.4	382.5	358.3	337.3	319.2	302.7
-32.5°	576.7	530.6	481.4	446.4	413.4	386.1	362.9	342.3	324.5	308.1	293.3
-35°	496.5	465.0	434.4	408.5	384.4	363.4	343.7	327.1	311.5	296.7	283.7
-37.5°	439.9	417.4	397.8	377.7	359.8	341.9	326.4	312.3	298.1	286.0	274.4
-40°	397.8	381.7	368.1	352.6	337.7	322.7	310.6	298.1	286.7	275.5	265.2
-42.5°	366.0	354.9	343.2	330.7	318.1	307.1	296.0	285.7	275.3	265.3	256.4
-45°	340.6	331.4	321.1	311.9	302.1	292.5	282.7	273.1	263.8	255.5	247.7
-47.5°	318.8	311.5	303.5	295.5	287.2	278.6	269.5	260.2	252.7	245.3	237.3
-50°	300.2	294.0	287.3	280.3	273.1	265.2	256.7	248.1	241.3	234.2	226.4
-52.5°	282.9	278.1	272.4	266.4	259.7	252.3	244.5	236.4	229.4	222.5	214.7
-55°	267.0	263.1	257.9	252.3	246.3	239.4	232.1	224.4	217.1	210.5	201.3
-57.5°	251.4	248.0	242.9	237.7	232.5	225.5	218.3	211.4	203.8	195.8	186.8
-60°	233.2	231.0	225.6	220.2	214.9	209.2	202.3	195.4	188.5	180.2	170.5
-62.5°	210.5	208.1	203.9	199.5	195.1	190.4	184.4	177.9	171.3	163.7	153.1
-65°	185.6	182.9	180.0	177.3	174.0	170.0	164.7	158.7	151.5	143.3	134.5
-67.5°	162.8	160.8	158.5	156.0	152.9	148.9	143.7	137.5	131.0	124.3	117.3
-70°	142.4	140.8	138.6	135.8	132.2	128.0	123.1	117.8	112.1	106.2	100.1
-72.5°	121.6	120.1	117.9	114.7	111.1	107.3	103.2	98.6	93.6	88.1	83.1
-75°	100.1	98.7	96.8	94.1	91.1	87.9	84.3	80.3	76.2	72.2	68.2
-77.5°	79.1	77.6	75.8	73.6	71.1	68.4	65.6	62.6	59.7	56.7	53.5
-80°	58.7	57.6	56.4	54.6	52.7	50.5	48.1	45.9	43.6	41.4	39.4
-82.5°	40.0	39.6	39.1	37.6	36.1	34.6	33.1	31.8	30.4	29.0	27.4
-85°	22.4	22.4	22.2	21.6	20.9	20.1	19.3	18.4	17.5	16.5	15.5
-87.5°	8.0	7.9	7.7	7.5	7.4	7.2	7.0	6.7	6.5	6.3	6.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627065 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.7	5.5	5.2	4.9	4.6	4.2	3.9	3.6	3.3	2.9	2.6
85°	14.4	13.3	12.2	11.0	9.7	8.5	7.8	7.2	6.5	5.8	5.1
82.5°	25.8	24.1	22.4	20.6	18.8	16.9	15.0	13.0	10.9	8.9	7.6
80°	37.2	35.0	32.7	30.3	27.9	25.3	22.7	20.0	17.0	14.2	11.5
77.5°	50.1	46.6	43.0	40.0	37.3	34.2	30.9	27.2	23.2	19.5	16.0
75°	64.2	60.0	55.7	51.4	47.3	43.2	39.4	35.0	30.0	24.8	20.4
72.5°	78.7	73.9	68.6	63.3	58.4	53.4	48.3	42.8	37.0	31.1	25.1
70°	94.1	88.1	82.3	76.2	70.0	63.7	57.7	51.1	43.9	37.2	30.5
67.5°	110.0	102.9	95.9	89.0	81.9	74.7	67.2	59.5	51.5	43.3	35.8
65°	126.4	117.9	109.4	101.7	93.8	85.6	77.3	67.9	58.9	50.0	41.1
62.5°	142.9	133.2	123.7	114.4	105.4	96.5	87.1	76.6	66.3	56.5	46.6
60°	159.7	148.5	137.8	127.4	117.1	107.1	96.6	85.0	73.7	62.8	52.2
57.5°	175.7	163.4	151.2	139.8	128.7	117.6	105.8	93.3	80.9	69.1	57.6
55°	191.2	178.6	164.4	151.5	139.6	127.8	114.8	101.5	88.0	75.2	62.9
52.5°	205.0	192.4	177.7	162.9	149.6	137.2	123.3	109.4	95.1	81.1	68.0
50°	217.4	204.7	189.9	174.3	159.2	145.4	131.4	116.8	102.0	86.8	73.0
47.5°	228.2	216.0	201.3	185.0	168.9	153.4	138.8	123.7	108.7	92.7	77.7
45°	237.9	226.8	212.3	195.6	177.9	161.4	145.7	130.3	114.6	98.4	82.3
42.5°	246.9	236.2	223.0	205.9	187.0	169.1	152.4	136.3	120.1	103.9	86.9
40°	255.2	244.4	232.9	215.5	195.7	176.4	158.9	142.1	125.3	108.8	91.3
37.5°	263.4	252.2	240.2	224.5	203.8	183.7	165.0	147.5	130.3	113.3	95.5
35°	271.7	259.7	246.7	231.6	211.6	190.5	170.6	152.5	135.0	117.4	99.4
32.5°	279.7	266.5	252.6	237.5	218.8	196.7	176.1	157.5	139.4	121.3	103.0
30°	287.5	272.1	257.8	243.6	225.1	202.8	181.4	162.1	143.5	124.9	106.3
27.5°	293.5	277.0	262.4	248.4	230.4	208.4	186.6	166.3	147.3	128.3	109.2
25°	298.9	281.6	266.4	252.2	235.6	214.1	191.4	170.1	150.8	131.3	111.8
22.5°	304.3	285.7	269.7	255.4	240.6	219.3	195.9	174.0	153.8	134.0	114.2
20°	308.9	288.9	272.5	258.4	243.9	223.4	200.1	177.4	156.6	136.5	116.3
17.5°	312.9	292.3	275.3	260.9	246.2	226.8	203.8	180.4	159.0	138.6	118.1
15°	316.9	295.7	277.8	262.8	248.1	229.7	206.9	183.0	161.0	140.3	119.8
12.5°	320.4	298.3	279.7	264.1	249.8	231.9	209.5	185.1	162.6	142.0	121.4
10°	323.1	300.0	281.0	264.9	251.1	233.5	211.6	187.1	164.6	143.5	122.7
7.5°	325.0	300.8	281.8	265.3	252.0	234.9	213.6	189.2	166.4	144.7	123.7
5°	326.3	301.2	282.3	266.1	252.5	236.2	215.0	190.9	167.8	145.5	124.4
2.5°	327.8	301.3	282.3	266.7	252.6	237.0	215.8	192.1	168.8	146.0	124.9
0°	328.3	300.8	281.7	266.9	252.1	237.3	216.1	192.8	169.5	146.2	125.0
-2.5°	327.8	301.3	282.3	266.7	252.6	237.0	215.8	192.1	168.8	146.0	124.9
-5°	326.3	301.2	282.3	266.1	252.5	236.2	215.0	190.9	167.8	145.5	124.4
-7.5°	325.0	300.8	281.8	265.3	252.0	234.9	213.6	189.2	166.4	144.7	123.7
-10°	323.1	300.0	281.0	264.9	251.1	233.5	211.6	187.1	164.6	143.5	122.7
-12.5°	320.4	298.3	279.7	264.1	249.8	231.9	209.5	185.1	162.6	142.0	121.4
-15°	316.9	295.7	277.8	262.8	248.1	229.7	206.9	183.0	161.0	140.3	119.8
-17.5°	312.9	292.3	275.3	260.9	246.2	226.8	203.8	180.4	159.0	138.6	118.1
-20°	308.9	288.9	272.5	258.4	243.9	223.4	200.1	177.4	156.6	136.5	116.3

Classified

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627065 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	304.3	285.7	269.7	255.4	240.6	219.3	195.9	174.0	153.8	134.0	114.2
-25°	298.9	281.6	266.4	252.2	235.6	214.1	191.4	170.1	150.8	131.3	111.8
-27.5°	293.5	277.0	262.4	248.4	230.4	208.4	186.6	166.3	147.3	128.3	109.2
-30°	287.5	272.1	257.8	243.6	225.1	202.8	181.4	162.1	143.5	124.9	106.3
-32.5°	279.7	266.5	252.6	237.5	218.8	196.7	176.1	157.5	139.4	121.3	103.0
-35°	271.7	259.7	246.7	231.6	211.6	190.5	170.6	152.5	135.0	117.4	99.4
-37.5°	263.4	252.2	240.2	224.5	203.8	183.7	165.0	147.5	130.3	113.3	95.5
-40°	255.2	244.4	232.9	215.5	195.7	176.4	158.9	142.1	125.3	108.8	91.3
-42.5°	246.9	236.2	223.0	205.9	187.0	169.1	152.4	136.3	120.1	103.9	86.9
-45°	237.9	226.8	212.3	195.6	177.9	161.4	145.7	130.3	114.6	98.4	82.3
-47.5°	228.2	216.0	201.3	185.0	168.9	153.4	138.8	123.7	108.7	92.7	77.7
-50°	217.4	204.7	189.9	174.3	159.2	145.4	131.4	116.8	102.0	86.8	73.0
-52.5°	205.0	192.4	177.7	162.9	149.6	137.2	123.3	109.4	95.1	81.1	68.0
-55°	191.2	178.6	164.4	151.5	139.6	127.8	114.8	101.5	88.0	75.2	62.9
-57.5°	175.7	163.4	151.2	139.8	128.7	117.6	105.8	93.3	80.9	69.1	57.6
-60°	159.7	148.5	137.8	127.4	117.1	107.1	96.6	85.0	73.7	62.8	52.2
-62.5°	142.9	133.2	123.7	114.4	105.4	96.5	87.1	76.6	66.3	56.5	46.6
-65°	126.4	117.9	109.4	101.7	93.8	85.6	77.3	67.9	58.9	50.0	41.1
-67.5°	110.0	102.9	95.9	89.0	81.9	74.7	67.2	59.5	51.5	43.3	35.8
-70°	94.1	88.1	82.3	76.2	70.0	63.7	57.7	51.1	43.9	37.2	30.5
-72.5°	78.7	73.9	68.6	63.3	58.4	53.4	48.3	42.8	37.0	31.1	25.1
-75°	64.2	60.0	55.7	51.4	47.3	43.2	39.4	35.0	30.0	24.8	20.4
-77.5°	50.1	46.6	43.0	40.0	37.3	34.2	30.9	27.2	23.2	19.5	16.0
-80°	37.2	35.0	32.7	30.3	27.9	25.3	22.7	20.0	17.0	14.2	11.5
-82.5°	25.8	24.1	22.4	20.6	18.8	16.9	15.0	13.0	10.9	8.9	7.6
-85°	14.4	13.3	12.2	11.0	9.7	8.5	7.8	7.2	6.5	5.8	5.1
-87.5°	5.7	5.5	5.2	4.9	4.6	4.2	3.9	3.6	3.3	2.9	2.6
-90°	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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CATALOG NUMBER: GFLD-SA3B-722-U-MR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
85°	4.4	3.7	2.9	2.2	1.5	0.7	0.0
82.5°	6.6	5.5	4.4	3.3	2.2	1.1	0.0
80°	8.9	7.3	5.9	4.4	2.9	1.5	0.0
77.5°	12.7	9.6	7.3	5.5	3.7	1.8	0.0
75°	16.4	12.7	8.9	6.6	4.4	2.2	0.0
72.5°	20.1	15.8	11.4	7.6	5.1	2.6	0.0
70°	23.9	18.8	13.9	8.8	5.8	2.9	0.0
67.5°	28.5	21.8	16.3	10.6	6.5	3.3	0.0
65°	33.1	25.2	18.6	12.4	7.2	3.6	0.0
62.5°	37.5	28.9	20.9	14.2	7.8	3.9	0.0
60°	41.9	32.6	23.2	15.9	8.5	4.2	0.0
57.5°	46.5	36.1	26.0	17.5	9.6	4.6	0.0
55°	51.0	39.6	28.8	19.1	10.7	4.9	0.0
52.5°	55.3	43.0	31.5	20.7	11.7	5.2	0.0
50°	59.4	46.4	34.1	22.2	12.7	5.5	0.0
47.5°	63.4	49.6	36.6	23.8	13.7	5.7	0.0
45°	67.3	52.8	39.0	25.6	14.6	6.0	0.0
42.5°	71.0	55.7	41.3	27.3	15.5	6.3	0.0
40°	74.6	58.5	43.5	28.9	16.4	6.5	0.0
37.5°	78.0	61.1	45.6	30.4	17.2	6.7	0.0
35°	81.2	63.7	47.6	31.9	17.9	7.0	0.0
32.5°	84.2	66.2	49.4	33.2	18.7	7.2	0.0
30°	87.1	68.5	51.1	34.4	19.3	7.4	0.0
27.5°	89.7	70.6	52.7	35.5	19.9	7.5	0.0
25°	92.1	72.6	54.1	36.4	20.5	7.7	0.0
22.5°	94.2	74.4	55.4	37.3	21.0	7.9	0.0
20°	96.0	75.9	56.6	38.1	21.5	8.0	0.0
17.5°	97.7	77.2	57.7	38.7	21.9	8.1	0.0
15°	99.3	78.3	58.6	39.2	22.3	8.2	0.0
12.5°	100.6	79.2	59.5	39.7	22.6	8.3	0.0
10°	101.7	79.9	60.1	40.0	22.8	8.4	0.0
7.5°	102.6	80.3	60.7	40.2	23.0	8.4	0.0
5°	103.3	80.6	61.1	40.3	23.2	8.5	0.0
2.5°	103.7	80.6	61.3	40.3	23.3	8.5	0.0
0°	103.8	80.5	61.4	40.2	23.3	8.5	0.0
-2.5°	103.7	80.6	61.3	40.3	23.3	8.5	0.0
-5°	103.3	80.6	61.1	40.3	23.2	8.5	0.0
-7.5°	102.6	80.3	60.7	40.2	23.0	8.4	0.0
-10°	101.7	79.9	60.1	40.0	22.8	8.4	0.0
-12.5°	100.6	79.2	59.5	39.7	22.6	8.3	0.0
-15°	99.3	78.3	58.6	39.2	22.3	8.2	0.0
-17.5°	97.7	77.2	57.7	38.7	21.9	8.1	0.0
-20°	96.0	75.9	56.6	38.1	21.5	8.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	94.2	74.4	55.4	37.3	21.0	7.9	0.0
-25°	92.1	72.6	54.1	36.4	20.5	7.7	0.0
-27.5°	89.7	70.6	52.7	35.5	19.9	7.5	0.0
-30°	87.1	68.5	51.1	34.4	19.3	7.4	0.0
-32.5°	84.2	66.2	49.4	33.2	18.7	7.2	0.0
-35°	81.2	63.7	47.6	31.9	17.9	7.0	0.0
-37.5°	78.0	61.1	45.6	30.4	17.2	6.7	0.0
-40°	74.6	58.5	43.5	28.9	16.4	6.5	0.0
-42.5°	71.0	55.7	41.3	27.3	15.5	6.3	0.0
-45°	67.3	52.8	39.0	25.6	14.6	6.0	0.0
-47.5°	63.4	49.6	36.6	23.8	13.7	5.7	0.0
-50°	59.4	46.4	34.1	22.2	12.7	5.5	0.0
-52.5°	55.3	43.0	31.5	20.7	11.7	5.2	0.0
-55°	51.0	39.6	28.8	19.1	10.7	4.9	0.0
-57.5°	46.5	36.1	26.0	17.5	9.6	4.6	0.0
-60°	41.9	32.6	23.2	15.9	8.5	4.2	0.0
-62.5°	37.5	28.9	20.9	14.2	7.8	3.9	0.0
-65°	33.1	25.2	18.6	12.4	7.2	3.6	0.0
-67.5°	28.5	21.8	16.3	10.6	6.5	3.3	0.0
-70°	23.9	18.8	13.9	8.8	5.8	2.9	0.0
-72.5°	20.1	15.8	11.4	7.6	5.1	2.6	0.0
-75°	16.4	12.7	8.9	6.6	4.4	2.2	0.0
-77.5°	12.7	9.6	7.3	5.5	3.7	1.8	0.0
-80°	8.9	7.3	5.9	4.4	2.9	1.5	0.0
-82.5°	6.6	5.5	4.4	3.3	2.2	1.1	0.0
-85°	4.4	3.7	2.9	2.2	1.5	0.7	0.0
-87.5°	2.2	1.8	1.5	1.1	0.7	0.4	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)