

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: P627289 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-740-U-NR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627289 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-11)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3E-740-U-NR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N76
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24826.6 lumens
Efficiency: N/A
Efficacy: 134.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 233804 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.7°H x 13.6°V
Beam Lumens: 7340.1 lumens
Beam Efficiency: 29.6%

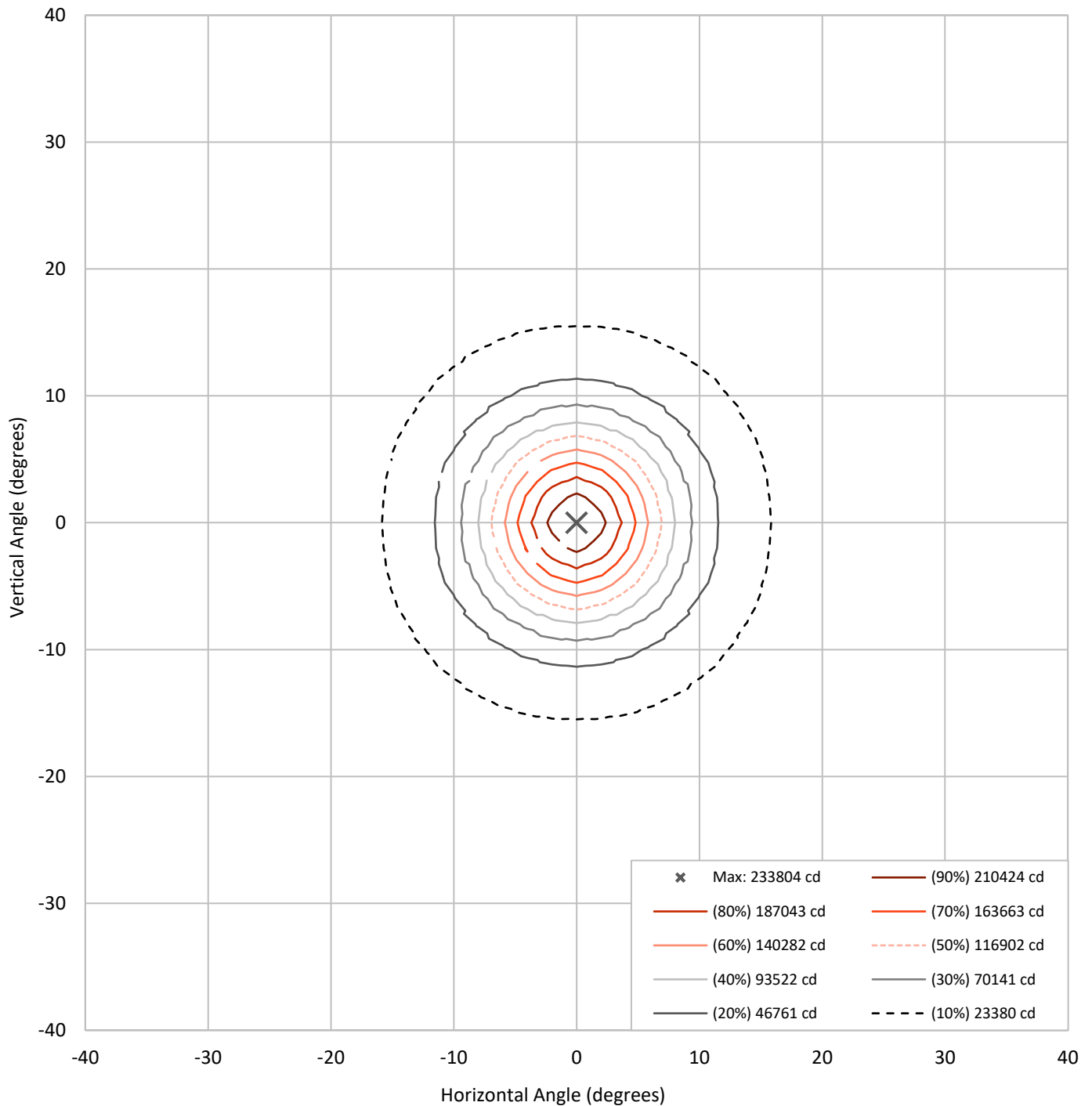
Field Angle (10%): 31.6°H x 30.6°V
Field Lumens: 16518.3 lumens
Field Efficiency: 66.5%

Input Watts (W): 185.2
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





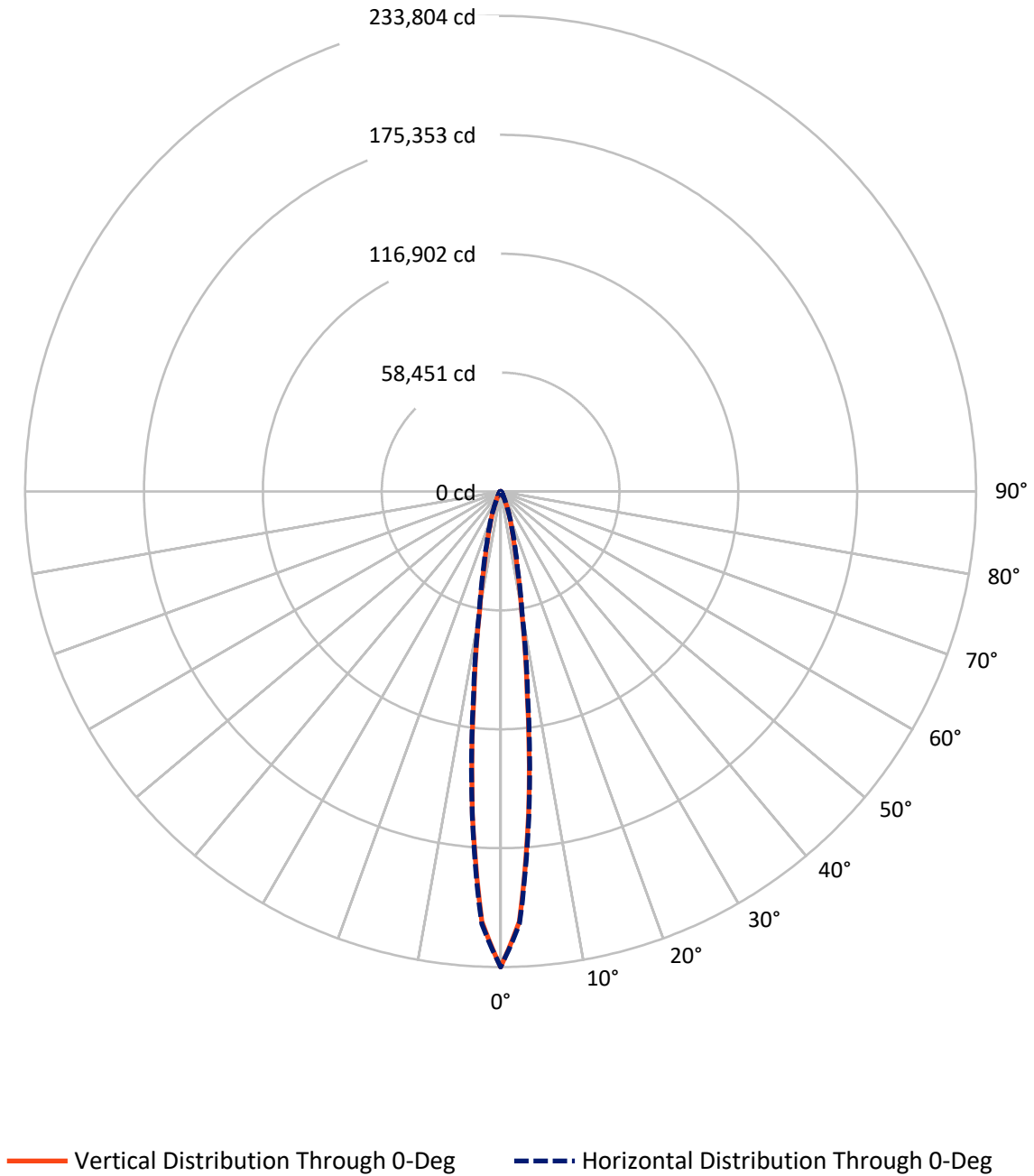
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Lumen Table

90	0.4	3.4	8.9	14.4	15.8	14.4	8.9	3.4	0.4										
80	0.4	3.4	8.9	14.4	15.8	14.4	8.9	3.4	0.4										
70	1.5	1.7	3.6	5.9	8.3	10.2	11.5	12.0	12.0	11.5	10.2	8.3	5.9	3.6	1.7	1.5			
60		2.6	5.4	8.7	11.7	14.3	16.0	16.7	16.7	16.0	14.3	11.7	8.7	5.4	2.6				
50	2.7	3.4	7.0	10.8	14.3	18.0	21.3	22.9	22.9	21.3	18.0	14.3	10.8	7.0	3.4	2.7			
40		4.2	8.2	12.4	17.6	25.4	35.8	44.3	44.3	35.8	25.4	17.6	12.4	8.2	4.2				
30	3.5	4.7	9.0	14.0	22.9	45.4	103.3	171.0	171.0	103.3	45.4	22.9	14.0	9.0	4.7	3.5			
20		5.0	9.4	15.5	30.3	96.3	342.0	736.6	736.6	342.0	96.3	30.3	15.5	9.4	5.0				
10	3.8	5.2	9.6	16.4	36.7	158.7	743.5	3211.9	3211.9	743.5	158.7	36.7	16.4	9.6	5.2	3.8			
0		5.2	9.6	16.4	36.7	158.7	743.5	3211.9	3211.9	743.5	158.7	36.7	16.4	9.6	5.2				
-10	3.5	5.0	9.4	15.5	30.3	96.3	342.0	736.6	736.6	342.0	96.3	30.3	15.5	9.4	5.0	3.5			
-20		4.7	9.0	14.0	22.9	45.4	103.3	171.0	171.0	103.3	45.4	22.9	14.0	9.0	4.7				
-30	2.7	4.2	8.2	12.4	17.6	25.4	35.8	44.3	44.3	35.8	25.4	17.6	12.4	8.2	4.2	2.7			
-40		3.4	7.0	10.8	14.3	18.0	21.3	22.9	22.9	21.3	18.0	14.3	10.8	7.0	3.4				
-50	1.5	2.6	5.4	8.7	11.7	14.3	16.0	16.7	16.7	16.0	14.3	11.7	8.7	5.4	2.6	1.5			
-60		1.7	3.6	5.9	8.3	10.2	11.5	12.0	12.0	11.5	10.2	8.3	5.9	3.6	1.7				
-70	0.4	3.4	8.9	14.4	15.8	14.4	8.9	3.4	0.4							0.4			
-80		0.4	3.4	8.9	14.4	15.8	14.4	8.9	3.4	0.4									
-90	0.4	3.4	8.9	14.4	15.8	14.4	8.9	3.4	0.4										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

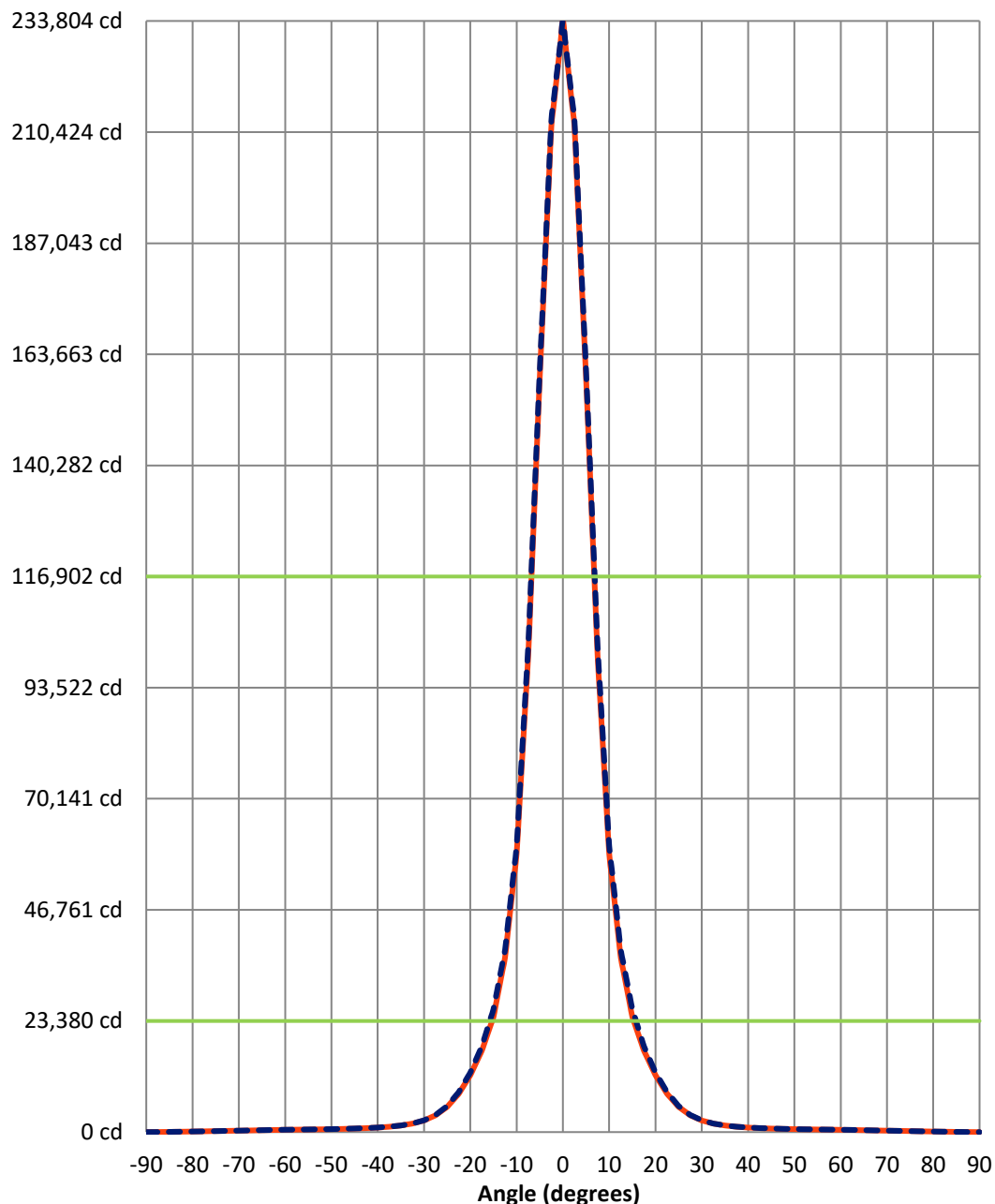
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 7340.1
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 16518.3
 Efficiency: 66.5%

Spill:
 Lumens: 8308.3
 Efficiency: 33.5%

— 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	0.8	1.7	2.6	3.5	4.3	5.2	6.0	6.8	7.7	8.5
85°	0.0	1.5	3.5	5.2	6.9	8.6	10.3	12.0	13.7	15.3	16.9
82.5°	0.0	2.3	5.2	7.8	10.4	13.0	15.5	18.0	20.7	24.4	28.0
80°	0.0	3.0	6.9	10.4	13.8	17.2	20.9	25.9	30.9	35.8	40.6
77.5°	0.0	3.8	8.6	13.0	17.2	22.1	28.5	34.8	41.0	47.1	53.6
75°	0.0	4.5	10.3	15.5	20.8	28.1	36.0	43.6	51.2	59.7	68.1
72.5°	0.0	5.2	11.9	18.0	25.4	34.1	43.4	52.7	62.8	72.7	82.4
70°	0.0	5.9	13.5	20.6	29.9	39.9	50.8	62.8	74.2	85.5	98.2
67.5°	0.0	6.6	15.0	23.8	34.3	45.6	59.2	72.7	85.5	99.9	114.1
65°	0.0	7.3	16.5	26.9	38.5	51.8	67.4	82.4	98.2	114.1	130.9
62.5°	0.0	7.9	17.9	29.9	42.7	58.5	75.4	92.9	110.6	128.6	149.7
60°	0.0	8.6	19.3	32.8	46.7	65.0	83.3	103.6	122.7	144.8	167.9
57.5°	0.0	9.2	21.1	35.7	51.8	71.4	91.9	113.9	136.1	160.4	185.6
55°	0.0	9.8	22.9	38.4	56.7	77.6	100.5	123.9	149.3	175.5	202.6
52.5°	0.0	10.3	24.6	41.1	61.5	83.8	108.7	134.6	162.0	190.0	219.0
50°	0.0	10.9	26.3	43.6	66.2	90.4	116.7	145.1	174.2	203.9	234.6
47.5°	0.0	11.4	27.9	46.2	70.6	96.8	124.6	155.3	185.8	217.1	250.0
45°	0.0	11.9	29.5	49.4	74.9	103.0	132.9	165.1	197.0	230.6	264.9
42.5°	0.0	12.3	31.0	52.5	79.0	108.9	140.9	174.4	207.7	243.7	279.5
40°	0.0	12.7	32.5	55.4	83.2	114.4	148.5	183.3	218.2	256.3	293.7
37.5°	0.0	13.1	33.9	58.3	87.4	119.7	155.7	191.7	228.7	268.1	307.5
35°	0.0	13.5	35.2	61.0	91.4	125.2	162.5	199.7	238.4	279.3	320.7
32.5°	0.0	13.8	36.5	63.6	95.1	130.4	168.9	207.1	247.4	289.7	332.2
30°	0.0	14.1	37.7	66.0	98.6	135.4	174.8	214.2	255.6	299.4	342.6
27.5°	0.0	14.3	38.8	68.2	101.9	139.9	180.3	220.8	263.3	308.3	352.0
25°	0.0	14.6	39.8	70.2	105.0	144.1	185.3	226.8	270.4	316.1	360.3
22.5°	0.0	14.7	40.8	72.1	107.9	147.8	189.8	232.1	276.9	322.9	367.5
20°	0.0	14.9	41.7	73.7	110.4	151.0	193.9	236.8	282.6	328.7	374.1
17.5°	0.0	15.0	42.4	75.2	112.7	153.8	197.2	240.8	287.6	333.7	379.8
15°	0.0	15.1	43.1	76.5	114.7	156.1	199.9	244.3	291.8	337.7	384.8
12.5°	0.0	15.2	43.7	77.6	116.4	157.9	202.2	247.6	295.3	340.7	388.9
10°	0.0	15.2	44.2	78.5	117.7	159.2	203.9	250.3	298.0	344.1	392.9
7.5°	0.0	15.2	44.6	79.2	118.8	160.1	205.0	252.5	299.9	346.9	397.5
5°	0.0	15.2	44.9	79.7	119.6	160.6	205.7	254.2	300.9	349.0	401.3
2.5°	0.0	15.1	45.0	80.0	120.0	160.7	205.8	255.2	301.1	350.3	404.1
0°	0.0	15.0	45.1	80.1	120.2	160.3	205.4	255.5	300.6	350.7	405.8
-2.5°	0.0	15.1	45.0	80.0	120.0	160.7	205.8	255.2	301.1	350.3	404.1
-5°	0.0	15.2	44.9	79.7	119.6	160.6	205.7	254.2	300.9	349.0	401.3
-7.5°	0.0	15.2	44.6	79.2	118.8	160.1	205.0	252.5	299.9	346.9	397.5
-10°	0.0	15.2	44.2	78.5	117.7	159.2	203.9	250.3	298.0	344.1	392.9
-12.5°	0.0	15.2	43.7	77.6	116.4	157.9	202.2	247.6	295.3	340.7	388.9
-15°	0.0	15.1	43.1	76.5	114.7	156.1	199.9	244.3	291.8	337.7	384.8
-17.5°	0.0	15.0	42.4	75.2	112.7	153.8	197.2	240.8	287.6	333.7	379.8
-20°	0.0	14.9	41.7	73.7	110.4	151.0	193.9	236.8	282.6	328.7	374.1

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	14.7	40.8	72.1	107.9	147.8	189.8	232.1	276.9	322.9	367.5
-25°	0.0	14.6	39.8	70.2	105.0	144.1	185.3	226.8	270.4	316.1	360.3
-27.5°	0.0	14.3	38.8	68.2	101.9	139.9	180.3	220.8	263.3	308.3	352.0
-30°	0.0	14.1	37.7	66.0	98.6	135.4	174.8	214.2	255.6	299.4	342.6
-32.5°	0.0	13.8	36.5	63.6	95.1	130.4	168.9	207.1	247.4	289.7	332.2
-35°	0.0	13.5	35.2	61.0	91.4	125.2	162.5	199.7	238.4	279.3	320.7
-37.5°	0.0	13.1	33.9	58.3	87.4	119.7	155.7	191.7	228.7	268.1	307.5
-40°	0.0	12.7	32.5	55.4	83.2	114.4	148.5	183.3	218.2	256.3	293.7
-42.5°	0.0	12.3	31.0	52.5	79.0	108.9	140.9	174.4	207.7	243.7	279.5
-45°	0.0	11.9	29.5	49.4	74.9	103.0	132.9	165.1	197.0	230.6	264.9
-47.5°	0.0	11.4	27.9	46.2	70.6	96.8	124.6	155.3	185.8	217.1	250.0
-50°	0.0	10.9	26.3	43.6	66.2	90.4	116.7	145.1	174.2	203.9	234.6
-52.5°	0.0	10.3	24.6	41.1	61.5	83.8	108.7	134.6	162.0	190.0	219.0
-55°	0.0	9.8	22.9	38.4	56.7	77.6	100.5	123.9	149.3	175.5	202.6
-57.5°	0.0	9.2	21.1	35.7	51.8	71.4	91.9	113.9	136.1	160.4	185.6
-60°	0.0	8.6	19.3	32.8	46.7	65.0	83.3	103.6	122.7	144.8	167.9
-62.5°	0.0	7.9	17.9	29.9	42.7	58.5	75.4	92.9	110.6	128.6	149.7
-65°	0.0	7.3	16.5	26.9	38.5	51.8	67.4	82.4	98.2	114.1	130.9
-67.5°	0.0	6.6	15.0	23.8	34.3	45.6	59.2	72.7	85.5	99.9	114.1
-70°	0.0	5.9	13.5	20.6	29.9	39.9	50.8	62.8	74.2	85.5	98.2
-72.5°	0.0	5.2	11.9	18.0	25.4	34.1	43.4	52.7	62.8	72.7	82.4
-75°	0.0	4.5	10.3	15.5	20.8	28.1	36.0	43.6	51.2	59.7	68.1
-77.5°	0.0	3.8	8.6	13.0	17.2	22.1	28.5	34.8	41.0	47.1	53.6
-80°	0.0	3.0	6.9	10.4	13.8	17.2	20.9	25.9	30.9	35.8	40.6
-82.5°	0.0	2.3	5.2	7.8	10.4	13.0	15.5	18.0	20.7	24.4	28.0
-85°	0.0	1.5	3.5	5.2	6.9	8.6	10.3	12.0	13.7	15.3	16.9
-87.5°	0.0	0.8	1.7	2.6	3.5	4.3	5.2	6.0	6.8	7.7	8.5
-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°	9.2	10.0	10.7	11.5	12.2	12.9	13.5	14.1	14.7	15.3	15.9
85°	18.5	20.0	22.2	24.4	26.3	27.9	29.2	30.4	32.5	34.6	36.9
82.5°	31.5	35.0	38.3	41.6	43.8	45.6	47.4	50.0	54.4	58.6	62.5
80°	45.3	49.9	55.1	60.2	64.5	68.9	73.4	78.1	82.9	87.5	91.9
77.5°	60.4	67.1	73.7	80.0	86.3	93.2	99.7	106.1	112.1	117.9	123.4
75°	76.3	84.3	93.1	101.8	110.2	118.4	126.5	135.0	143.3	151.1	158.6
72.5°	92.9	103.6	114.0	124.1	135.1	145.9	156.3	166.3	176.0	186.3	197.0
70°	110.6	122.7	136.3	149.3	161.6	174.4	187.3	198.3	208.9	222.9	237.3
67.5°	128.7	145.2	160.5	175.2	191.6	206.7	219.8	233.9	248.9	265.1	279.3
65°	150.2	168.1	185.9	204.5	223.4	239.1	255.5	272.9	289.9	306.1	321.6
62.5°	171.4	191.6	212.1	232.3	251.8	270.7	290.4	309.8	328.5	347.3	363.9
60°	191.8	214.8	236.4	257.5	279.5	303.0	324.9	346.4	368.8	390.1	401.3
57.5°	211.5	236.0	258.7	282.4	308.2	334.7	357.7	382.1	401.3	416.1	430.5
55°	230.1	255.6	280.4	307.0	335.1	362.6	388.2	409.9	427.6	441.2	456.5
52.5°	247.4	274.3	301.3	330.4	360.2	389.6	416.4	436.7	452.7	466.6	480.9
50°	264.5	292.7	321.2	353.2	385.1	416.3	442.6	461.2	476.2	490.4	505.2
47.5°	281.3	310.9	341.6	375.6	410.2	440.3	465.3	482.2	497.4	514.1	530.3
45°	297.7	329.7	362.3	398.8	433.5	462.6	483.8	500.8	519.5	537.6	555.0
42.5°	313.8	348.3	383.6	421.5	455.0	481.2	500.9	521.1	541.3	560.6	580.1
40°	329.9	366.1	403.5	441.2	475.0	497.5	518.5	540.2	562.5	583.4	605.0
37.5°	345.4	382.9	421.4	459.5	490.2	513.1	534.8	558.8	582.3	605.1	633.3
35°	360.2	398.2	437.0	473.9	503.4	527.1	551.5	576.6	601.2	630.8	662.9
32.5°	373.4	411.9	451.3	485.6	514.5	540.1	567.4	593.6	623.2	656.6	695.2
30°	384.5	423.9	463.4	496.9	525.2	552.3	581.8	610.8	645.4	685.6	731.5
27.5°	394.2	434.7	473.1	506.6	535.4	562.3	593.4	630.0	669.8	714.8	768.7
25°	403.3	445.5	482.2	515.5	543.5	571.7	605.0	645.5	693.2	747.5	813.5
22.5°	411.9	456.0	491.5	524.0	549.9	580.3	617.8	661.9	713.8	777.4	857.7
20°	420.1	463.8	498.9	530.6	554.6	587.8	629.1	676.2	735.2	811.0	903.9
17.5°	427.7	470.5	504.7	534.5	560.9	595.8	639.1	687.9	753.8	841.6	946.4
15°	434.6	476.1	509.4	537.7	566.5	604.2	649.5	702.3	774.3	870.7	984.0
12.5°	440.7	480.7	513.0	540.2	571.0	611.1	658.8	717.4	796.4	899.3	1031.7
10°	445.9	484.2	515.5	541.9	574.4	616.4	666.5	729.6	814.1	921.5	1068.4
7.5°	450.3	486.9	517.2	542.8	576.6	620.1	672.5	738.9	826.4	937.3	1094.9
5°	453.4	489.1	519.3	545.9	579.9	623.0	676.9	745.3	833.6	946.7	1111.4
2.5°	455.2	490.5	520.6	548.8	583.6	625.4	680.2	752.3	839.5	955.8	1124.0
0°	455.8	490.9	521.0	551.0	586.1	626.2	681.3	756.4	841.6	961.8	1132.1
-2.5°	455.2	490.5	520.6	548.8	583.6	625.4	680.2	752.3	839.5	955.8	1124.0
-5°	453.4	489.1	519.3	545.9	579.9	623.0	676.9	745.3	833.6	946.7	1111.4
-7.5°	450.3	486.9	517.2	542.8	576.6	620.1	672.5	738.9	826.4	937.3	1094.9
-10°	445.9	484.2	515.5	541.9	574.4	616.4	666.5	729.6	814.1	921.5	1068.4
-12.5°	440.7	480.7	513.0	540.2	571.0	611.1	658.8	717.4	796.4	899.3	1031.7
-15°	434.6	476.1	509.4	537.7	566.5	604.2	649.5	702.3	774.3	870.7	984.0
-17.5°	427.7	470.5	504.7	534.5	560.9	595.8	639.1	687.9	753.8	841.6	946.4
-20°	420.1	463.8	498.9	530.6	554.6	587.8	629.1	676.2	735.2	811.0	903.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627289 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	411.9	456.0	491.5	524.0	549.9	580.3	617.8	661.9	713.8	777.4	857.7
-25°	403.3	445.5	482.2	515.5	543.5	571.7	605.0	645.5	693.2	747.5	813.5
-27.5°	394.2	434.7	473.1	506.6	535.4	562.3	593.4	630.0	669.8	714.8	768.7
-30°	384.5	423.9	463.4	496.9	525.2	552.3	581.8	610.8	645.4	685.6	731.5
-32.5°	373.4	411.9	451.3	485.6	514.5	540.1	567.4	593.6	623.2	656.6	695.2
-35°	360.2	398.2	437.0	473.9	503.4	527.1	551.5	576.6	601.2	630.8	662.9
-37.5°	345.4	382.9	421.4	459.5	490.2	513.1	534.8	558.8	582.3	605.1	633.3
-40°	329.9	366.1	403.5	441.2	475.0	497.5	518.5	540.2	562.5	583.4	605.0
-42.5°	313.8	348.3	383.6	421.5	455.0	481.2	500.9	521.1	541.3	560.6	580.1
-45°	297.7	329.7	362.3	398.8	433.5	462.6	483.8	500.8	519.5	537.6	555.0
-47.5°	281.3	310.9	341.6	375.6	410.2	440.3	465.3	482.2	497.4	514.1	530.3
-50°	264.5	292.7	321.2	353.2	385.1	416.3	442.6	461.2	476.2	490.4	505.2
-52.5°	247.4	274.3	301.3	330.4	360.2	389.6	416.4	436.7	452.7	466.6	480.9
-55°	230.1	255.6	280.4	307.0	335.1	362.6	388.2	409.9	427.6	441.2	456.5
-57.5°	211.5	236.0	258.7	282.4	308.2	334.7	357.7	382.1	401.3	416.1	430.5
-60°	191.8	214.8	236.4	257.5	279.5	303.0	324.9	346.4	368.8	390.1	401.3
-62.5°	171.4	191.6	212.1	232.3	251.8	270.7	290.4	309.8	328.5	347.3	363.9
-65°	150.2	168.1	185.9	204.5	223.4	239.1	255.5	272.9	289.9	306.1	321.6
-67.5°	128.7	145.2	160.5	175.2	191.6	206.7	219.8	233.9	248.9	265.1	279.3
-70°	110.6	122.7	136.3	149.3	161.6	174.4	187.3	198.3	208.9	222.9	237.3
-72.5°	92.9	103.6	114.0	124.1	135.1	145.9	156.3	166.3	176.0	186.3	197.0
-75°	76.3	84.3	93.1	101.8	110.2	118.4	126.5	135.0	143.3	151.1	158.6
-77.5°	60.4	67.1	73.7	80.0	86.3	93.2	99.7	106.1	112.1	117.9	123.4
-80°	45.3	49.9	55.1	60.2	64.5	68.9	73.4	78.1	82.9	87.5	91.9
-82.5°	31.5	35.0	38.3	41.6	43.8	45.6	47.4	50.0	54.4	58.6	62.5
-85°	18.5	20.0	22.2	24.4	26.3	27.9	29.2	30.4	32.5	34.6	36.9
-87.5°	9.2	10.0	10.7	11.5	12.2	12.9	13.5	14.1	14.7	15.3	15.9
-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: P627289 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-NR-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°	16.4	16.9	17.3	17.7	18.1	18.5	18.8	19.1	19.3	18.3	17.2
85°	39.2	40.7	42.0	43.3	44.4	45.5	46.5	47.3	48.0	47.4	46.7
82.5°	66.0	68.6	71.0	73.2	75.3	77.1	78.8	80.3	81.6	81.5	81.1
80°	96.0	100.3	104.6	108.9	113.1	115.6	117.5	118.8	119.8	120.2	120.3
77.5°	129.0	135.7	142.6	149.4	156.1	160.0	162.7	165.0	166.8	167.2	166.9
75°	165.6	174.2	183.7	191.9	199.1	203.5	206.6	209.1	211.2	211.8	211.5
72.5°	208.2	218.8	227.2	234.2	240.3	245.0	248.8	252.1	254.8	255.9	256.0
70°	250.0	260.5	268.5	275.6	281.6	286.5	291.1	295.0	298.3	300.7	302.4
67.5°	292.4	304.4	312.7	319.1	324.2	329.3	335.4	340.7	345.1	348.1	349.6
65°	336.0	348.3	356.3	363.3	369.5	376.0	382.8	387.8	391.1	393.1	394.5
62.5°	378.1	389.6	399.7	409.0	417.9	425.4	430.0	434.2	437.8	440.7	443.0
60°	414.3	429.0	440.2	449.2	457.9	466.4	472.1	476.6	480.1	482.7	484.4
57.5°	445.2	460.2	473.4	482.1	491.5	501.6	508.3	512.1	515.6	518.6	520.0
55°	472.2	486.0	498.2	510.1	520.7	529.8	536.9	542.0	546.3	549.7	550.9
52.5°	496.5	511.5	525.9	538.5	548.9	557.6	564.6	571.0	575.8	579.1	580.6
50°	522.1	538.2	553.6	567.4	578.1	587.8	596.5	604.1	611.3	616.9	621.1
47.5°	547.2	564.5	581.4	596.5	609.4	623.5	636.2	646.9	657.4	665.9	671.8
45°	572.6	592.4	610.8	630.4	647.8	666.3	683.5	698.3	713.5	725.0	732.7
42.5°	600.6	623.2	645.4	669.8	693.5	717.6	743.6	766.8	784.8	801.6	815.3
40°	630.8	656.6	685.6	715.4	750.5	782.3	817.2	847.2	874.4	903.1	925.9
37.5°	662.9	695.2	733.3	773.2	818.5	862.0	907.7	952.6	991.7	1037.9	1073.2
35°	698.5	741.6	788.5	842.4	898.8	961.2	1023.7	1095.8	1157.9	1226.3	1285.8
32.5°	740.5	792.0	853.5	924.7	997.2	1091.8	1180.1	1295.0	1394.4	1502.8	1612.0
30°	783.8	851.1	930.5	1020.2	1135.4	1265.4	1410.4	1581.3	1757.5	1928.0	2133.6
27.5°	837.4	918.6	1014.8	1145.8	1315.4	1491.2	1740.4	1997.0	2320.8	2588.7	2966.3
25°	893.1	988.7	1125.3	1303.5	1524.9	1829.9	2208.2	2618.1	3187.9	3688.5	4275.7
22.5°	953.8	1082.8	1252.7	1472.7	1808.4	2276.6	2849.4	3621.1	4461.6	5353.9	6241.5
20°	1016.9	1173.1	1395.8	1714.6	2175.2	2809.4	3792.6	4984.1	6184.7	7657.0	8960.8
17.5°	1090.1	1288.8	1563.2	1961.9	2576.6	3548.0	4912.0	6575.4	8438.1	10555.0	12434.6
15°	1151.0	1388.0	1734.3	2292.2	3137.6	4385.1	6105.2	8393.5	11192.6	14035.7	16920.1
12.5°	1221.8	1495.9	1902.7	2567.8	3629.6	5287.6	7628.9	10525.2	14021.0	17964.5	22613.2
10°	1284.6	1601.8	2107.5	2930.8	4228.5	6228.8	9070.4	12554.7	17066.1	22739.8	29938.8
7.5°	1331.2	1686.1	2265.6	3207.1	4746.1	7133.7	10432.2	14777.2	20509.6	28001.7	37881.8
5°	1361.4	1747.1	2377.5	3420.3	5151.4	7807.1	11430.2	16353.5	23269.3	33865.6	50596.2
2.5°	1379.5	1783.2	2441.4	3545.4	5397.9	8253.3	12189.5	17545.4	25057.8	37489.4	58773.9
0°	1387.6	1793.3	2479.6	3611.7	5480.2	8425.6	12538.3	18088.6	25858.0	38336.2	60211.8
-2.5°	1379.5	1783.2	2441.4	3545.4	5397.9	8253.3	12189.5	17545.4	25057.8	37489.4	58773.9
-5°	1361.4	1747.1	2377.5	3420.3	5151.4	7807.1	11430.2	16353.5	23269.3	33865.6	50596.2
-7.5°	1331.2	1686.1	2265.6	3207.1	4746.1	7133.7	10432.2	14777.2	20509.6	28001.7	37881.8
-10°	1284.6	1601.8	2107.5	2930.8	4228.5	6228.8	9070.4	12554.7	17066.1	22739.8	29938.8
-12.5°	1221.8	1495.9	1902.7	2567.8	3629.6	5287.6	7628.9	10525.2	14021.0	17964.5	22613.2
-15°	1151.0	1388.0	1734.3	2292.2	3137.6	4385.1	6105.2	8393.5	11192.6	14035.7	16920.1
-17.5°	1090.1	1288.8	1563.2	1961.9	2576.6	3548.0	4912.0	6575.4	8438.1	10555.0	12434.6
-20°	1016.9	1173.1	1395.8	1714.6	2175.2	2809.4	3792.6	4984.1	6184.7	7657.0	8960.8

Classified

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

Scaled Data Report



REPORT NUMBER: P627289 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	953.8	1082.8	1252.7	1472.7	1808.4	2276.6	2849.4	3621.1	4461.6	5353.9	6241.5
-25°	893.1	988.7	1125.3	1303.5	1524.9	1829.9	2208.2	2618.1	3187.9	3688.5	4275.7
-27.5°	837.4	918.6	1014.8	1145.8	1315.4	1491.2	1740.4	1997.0	2320.8	2588.7	2966.3
-30°	783.8	851.1	930.5	1020.2	1135.4	1265.4	1410.4	1581.3	1757.5	1928.0	2133.6
-32.5°	740.5	792.0	853.5	924.7	997.2	1091.8	1180.1	1295.0	1394.4	1502.8	1612.0
-35°	698.5	741.6	788.5	842.4	898.8	961.2	1023.7	1095.8	1157.9	1226.3	1285.8
-37.5°	662.9	695.2	733.3	773.2	818.5	862.0	907.7	952.6	991.7	1037.9	1073.2
-40°	630.8	656.6	685.6	715.4	750.5	782.3	817.2	847.2	874.4	903.1	925.9
-42.5°	600.6	623.2	645.4	669.8	693.5	717.6	743.6	766.8	784.8	801.6	815.3
-45°	572.6	592.4	610.8	630.4	647.8	666.3	683.5	698.3	713.5	725.0	732.7
-47.5°	547.2	564.5	581.4	596.5	609.4	623.5	636.2	646.9	657.4	665.9	671.8
-50°	522.1	538.2	553.6	567.4	578.1	587.8	596.5	604.1	611.3	616.9	621.1
-52.5°	496.5	511.5	525.9	538.5	548.9	557.6	564.6	571.0	575.8	579.1	580.6
-55°	472.2	486.0	498.2	510.1	520.7	529.8	536.9	542.0	546.3	549.7	550.9
-57.5°	445.2	460.2	473.4	482.1	491.5	501.6	508.3	512.1	515.6	518.6	520.0
-60°	414.3	429.0	440.2	449.2	457.9	466.4	472.1	476.6	480.1	482.7	484.4
-62.5°	378.1	389.6	399.7	409.0	417.9	425.4	430.0	434.2	437.8	440.7	443.0
-65°	336.0	348.3	356.3	363.3	369.5	376.0	382.8	387.8	391.1	393.1	394.5
-67.5°	292.4	304.4	312.7	319.1	324.2	329.3	335.4	340.7	345.1	348.1	349.6
-70°	250.0	260.5	268.5	275.6	281.6	286.5	291.1	295.0	298.3	300.7	302.4
-72.5°	208.2	218.8	227.2	234.2	240.3	245.0	248.8	252.1	254.8	255.9	256.0
-75°	165.6	174.2	183.7	191.9	199.1	203.5	206.6	209.1	211.2	211.8	211.5
-77.5°	129.0	135.7	142.6	149.4	156.1	160.0	162.7	165.0	166.8	167.2	166.9
-80°	96.0	100.3	104.6	108.9	113.1	115.6	117.5	118.8	119.8	120.2	120.3
-82.5°	66.0	68.6	71.0	73.2	75.3	77.1	78.8	80.3	81.6	81.5	81.1
-85°	39.2	40.7	42.0	43.3	44.4	45.5	46.5	47.3	48.0	47.4	46.7
-87.5°	16.4	16.9	17.3	17.7	18.1	18.5	18.8	19.1	19.3	18.3	17.2
-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: P627289 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-NR-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°	16.1	14.9	15.0	15.0	15.0	14.9	16.1	17.2	18.3	19.3	19.1
85°	45.8	44.9	45.0	45.1	45.0	44.9	45.8	46.7	47.4	48.0	47.3
82.5°	80.5	79.7	80.0	80.1	80.0	79.7	80.5	81.1	81.5	81.6	80.3
80°	120.1	119.6	117.6	115.2	117.6	119.6	120.1	120.3	120.2	119.8	118.8
77.5°	166.0	164.5	162.6	160.3	162.6	164.5	166.0	166.9	167.2	166.8	165.0
75°	210.8	209.5	210.1	210.4	210.1	209.5	210.8	211.5	211.8	211.2	209.1
72.5°	255.6	254.5	255.2	255.5	255.2	254.5	255.6	256.0	255.9	254.8	252.1
70°	303.6	304.2	302.9	300.6	302.9	304.2	303.6	302.4	300.7	298.3	295.0
67.5°	350.0	349.5	348.0	345.6	348.0	349.5	350.0	349.6	348.1	345.1	340.7
65°	394.9	394.4	395.2	395.7	395.2	394.4	394.9	394.5	393.1	391.1	387.8
62.5°	444.1	444.2	443.1	440.8	443.1	444.2	444.1	443.0	440.7	437.8	434.2
60°	485.0	484.7	483.3	480.9	483.3	484.7	485.0	484.4	482.7	480.1	476.6
57.5°	520.5	520.0	518.5	516.0	518.5	520.0	520.5	520.0	518.6	515.6	512.1
55°	551.0	550.3	548.6	546.0	548.6	550.3	551.0	550.9	549.7	546.3	542.0
52.5°	581.0	580.4	580.6	581.1	580.6	580.4	581.0	580.6	579.1	575.8	571.0
50°	623.6	624.4	623.7	621.2	623.7	624.4	623.6	621.1	616.9	611.3	604.1
47.5°	674.6	674.9	673.7	671.2	673.7	674.9	674.6	671.8	665.9	657.4	646.9
45°	738.8	742.4	743.4	741.4	743.4	742.4	738.8	732.7	725.0	713.5	698.3
42.5°	825.8	831.5	833.1	831.5	833.1	831.5	825.8	815.3	801.6	784.8	766.8
40°	940.0	946.5	947.7	946.8	947.7	946.5	940.0	925.9	903.1	874.4	847.2
37.5°	1097.9	1113.8	1121.2	1122.1	1121.2	1113.8	1097.9	1073.2	1037.9	991.7	952.6
35°	1331.1	1362.6	1379.5	1387.6	1379.5	1362.6	1331.1	1285.8	1226.3	1157.9	1095.8
32.5°	1694.7	1757.7	1792.6	1788.3	1792.6	1757.7	1694.7	1612.0	1502.8	1394.4	1295.0
30°	2288.6	2398.8	2454.2	2439.5	2454.2	2398.8	2288.6	2133.6	1928.0	1757.5	1581.3
27.5°	3237.6	3436.7	3551.8	3536.6	3551.8	3436.7	3237.6	2966.3	2588.7	2320.8	1997.0
25°	4766.5	5129.8	5362.4	5304.8	5362.4	5129.8	4766.5	4275.7	3688.5	3187.9	2618.1
22.5°	7092.4	7707.9	8115.2	8065.0	8115.2	7707.9	7092.4	6241.5	5353.9	4461.6	3621.1
20°	10282.8	11219.6	11888.6	11977.2	11888.6	11219.6	10282.8	8960.8	7657.0	6184.7	4984.1
17.5°	14464.8	15950.3	16984.3	17156.8	16984.3	15950.3	14464.8	12434.6	10555.0	8438.1	6575.4
15°	19899.9	22327.8	24084.9	24230.0	24084.9	22327.8	19899.9	16920.1	14035.7	11192.6	8393.5
12.5°	27279.9	32163.2	35350.2	36753.2	35350.2	32163.2	27279.9	22613.2	17964.5	14021.0	10525.2
10°	37493.6	48710.1	55893.4	58593.8	55893.4	48710.1	37493.6	29938.8	22739.8	17066.1	12554.7
7.5°	54553.4	72163.6	91741.6	100085.8	91741.6	72163.6	54553.4	37881.8	28001.7	20509.6	14777.2
5°	73872.3	110420.6	145184.4	158759.7	145184.4	110420.6	73872.3	50596.2	33865.6	23269.3	16353.5
2.5°	94200.9	145143.8	192881.1	211550.2	192881.1	145143.8	94200.9	58773.9	37489.4	25057.8	17545.4
0°	102139.6	160347.6	212870.1	233804.0	212870.1	160347.6	102139.6	60211.8	38336.2	25858.0	18088.6
-2.5°	94200.9	145143.8	192881.1	211550.2	192881.1	145143.8	94200.9	58773.9	37489.4	25057.8	17545.4
-5°	73872.3	110420.6	145184.4	158759.7	145184.4	110420.6	73872.3	50596.2	33865.6	23269.3	16353.5
-7.5°	54553.4	72163.6	91741.6	100085.8	91741.6	72163.6	54553.4	37881.8	28001.7	20509.6	14777.2
-10°	37493.6	48710.1	55893.4	58593.8	55893.4	48710.1	37493.6	29938.8	22739.8	17066.1	12554.7
-12.5°	27279.9	32163.2	35350.2	36753.2	35350.2	32163.2	27279.9	22613.2	17964.5	14021.0	10525.2
-15°	19899.9	22327.8	24084.9	24230.0	24084.9	22327.8	19899.9	16920.1	14035.7	11192.6	8393.5
-17.5°	14464.8	15950.3	16984.3	17156.8	16984.3	15950.3	14464.8	12434.6	10555.0	8438.1	6575.4
-20°	10282.8	11219.6	11888.6	11977.2	11888.6	11219.6	10282.8	8960.8	7657.0	6184.7	4984.1



REPORT NUMBER: P627289 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	7092.4	7707.9	8115.2	8065.0	8115.2	7707.9	7092.4	6241.5	5353.9	4461.6	3621.1
-25°	4766.5	5129.8	5362.4	5304.8	5362.4	5129.8	4766.5	4275.7	3688.5	3187.9	2618.1
-27.5°	3237.6	3436.7	3551.8	3536.6	3551.8	3436.7	3237.6	2966.3	2588.7	2320.8	1997.0
-30°	2288.6	2398.8	2454.2	2439.5	2454.2	2398.8	2288.6	2133.6	1928.0	1757.5	1581.3
-32.5°	1694.7	1757.7	1792.6	1788.3	1792.6	1757.7	1694.7	1612.0	1502.8	1394.4	1295.0
-35°	1331.1	1362.6	1379.5	1387.6	1379.5	1362.6	1331.1	1285.8	1226.3	1157.9	1095.8
-37.5°	1097.9	1113.8	1121.2	1122.1	1121.2	1113.8	1097.9	1073.2	1037.9	991.7	952.6
-40°	940.0	946.5	947.7	946.8	947.7	946.5	940.0	925.9	903.1	874.4	847.2
-42.5°	825.8	831.5	833.1	831.5	833.1	831.5	825.8	815.3	801.6	784.8	766.8
-45°	738.8	742.4	743.4	741.4	743.4	742.4	738.8	732.7	725.0	713.5	698.3
-47.5°	674.6	674.9	673.7	671.2	673.7	674.9	674.6	671.8	665.9	657.4	646.9
-50°	623.6	624.4	623.7	621.2	623.7	624.4	623.6	621.1	616.9	611.3	604.1
-52.5°	581.0	580.4	580.6	581.1	580.6	580.4	581.0	580.6	579.1	575.8	571.0
-55°	551.0	550.3	548.6	546.0	548.6	550.3	551.0	550.9	549.7	546.3	542.0
-57.5°	520.5	520.0	518.5	516.0	518.5	520.0	520.5	520.0	518.6	515.6	512.1
-60°	485.0	484.7	483.3	480.9	483.3	484.7	485.0	484.4	482.7	480.1	476.6
-62.5°	444.1	444.2	443.1	440.8	443.1	444.2	444.1	443.0	440.7	437.8	434.2
-65°	394.9	394.4	395.2	395.7	395.2	394.4	394.9	394.5	393.1	391.1	387.8
-67.5°	350.0	349.5	348.0	345.6	348.0	349.5	350.0	349.6	348.1	345.1	340.7
-70°	303.6	304.2	302.9	300.6	302.9	304.2	303.6	302.4	300.7	298.3	295.0
-72.5°	255.6	254.5	255.2	255.5	255.2	254.5	255.6	256.0	255.9	254.8	252.1
-75°	210.8	209.5	210.1	210.4	210.1	209.5	210.8	211.5	211.8	211.2	209.1
-77.5°	166.0	164.5	162.6	160.3	162.6	164.5	166.0	166.9	167.2	166.8	165.0
-80°	120.1	119.6	117.6	115.2	117.6	119.6	120.1	120.3	120.2	119.8	118.8
-82.5°	80.5	79.7	80.0	80.1	80.0	79.7	80.5	81.1	81.5	81.6	80.3
-85°	45.8	44.9	45.0	45.1	45.0	44.9	45.8	46.7	47.4	48.0	47.3
-87.5°	16.1	14.9	15.0	15.0	15.0	14.9	16.1	17.2	18.3	19.3	19.1
-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: P627289 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-NR-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°	18.8	18.5	18.1	17.7	17.3	16.9	16.4	15.9	15.3	14.7	14.1
85°	46.5	45.5	44.4	43.3	42.0	40.7	39.2	36.9	34.6	32.5	30.4
82.5°	78.8	77.1	75.3	73.2	71.0	68.6	66.0	62.5	58.6	54.4	50.0
80°	117.5	115.6	113.1	108.9	104.6	100.3	96.0	91.9	87.5	82.9	78.1
77.5°	162.7	160.0	156.1	149.4	142.6	135.7	129.0	123.4	117.9	112.1	106.1
75°	206.6	203.5	199.1	191.9	183.7	174.2	165.6	158.6	151.1	143.3	135.0
72.5°	248.8	245.0	240.3	234.2	227.2	218.8	208.2	197.0	186.3	176.0	166.3
70°	291.1	286.5	281.6	275.6	268.5	260.5	250.0	237.3	222.9	208.9	198.3
67.5°	335.4	329.3	324.2	319.1	312.7	304.4	292.4	279.3	265.1	248.9	233.9
65°	382.8	376.0	369.5	363.3	356.3	348.3	336.0	321.6	306.1	289.9	272.9
62.5°	430.0	425.4	417.9	409.0	399.7	389.6	378.1	363.9	347.3	328.5	309.8
60°	472.1	466.4	457.9	449.2	440.2	429.0	414.3	401.3	390.1	368.8	346.4
57.5°	508.3	501.6	491.5	482.1	473.4	460.2	445.2	430.5	416.1	401.3	382.1
55°	536.9	529.8	520.7	510.1	498.2	486.0	472.2	456.5	441.2	427.6	409.9
52.5°	564.6	557.6	548.9	538.5	525.9	511.5	496.5	480.9	466.6	452.7	436.7
50°	596.5	587.8	578.1	567.4	553.6	538.2	522.1	505.2	490.4	476.2	461.2
47.5°	636.2	623.5	609.4	596.5	581.4	564.5	547.2	530.3	514.1	497.4	482.2
45°	683.5	666.3	647.8	630.4	610.8	592.4	572.6	555.0	537.6	519.5	500.8
42.5°	743.6	717.6	693.5	669.8	645.4	623.2	600.6	580.1	560.6	541.3	521.1
40°	817.2	782.3	750.5	715.4	685.6	656.6	630.8	605.0	583.4	562.5	540.2
37.5°	907.7	862.0	818.5	773.2	733.3	695.2	662.9	633.3	605.1	582.3	558.8
35°	1023.7	961.2	898.8	842.4	788.5	741.6	698.5	662.9	630.8	601.2	576.6
32.5°	1180.1	1091.8	997.2	924.7	853.5	792.0	740.5	695.2	656.6	623.2	593.6
30°	1410.4	1265.4	1135.4	1020.2	930.5	851.1	783.8	731.5	685.6	645.4	610.8
27.5°	1740.4	1491.2	1315.4	1145.8	1014.8	918.6	837.4	768.7	714.8	669.8	630.0
25°	2208.2	1829.9	1524.9	1303.5	1125.3	988.7	893.1	813.5	747.5	693.2	645.5
22.5°	2849.4	2276.6	1808.4	1472.7	1252.7	1082.8	953.8	857.7	777.4	713.8	661.9
20°	3792.6	2809.4	2175.2	1714.6	1395.8	1173.1	1016.9	903.9	811.0	735.2	676.2
17.5°	4912.0	3548.0	2576.6	1961.9	1563.2	1288.8	1090.1	946.4	841.6	753.8	687.9
15°	6105.2	4385.1	3137.6	2292.2	1734.3	1388.0	1151.0	984.0	870.7	774.3	702.3
12.5°	7628.9	5287.6	3629.6	2567.8	1902.7	1495.9	1221.8	1031.7	899.3	796.4	717.4
10°	9070.4	6228.8	4228.5	2930.8	2107.5	1601.8	1284.6	1068.4	921.5	814.1	729.6
7.5°	10432.2	7133.7	4746.1	3207.1	2265.6	1686.1	1331.2	1094.9	937.3	826.4	738.9
5°	11430.2	7807.1	5151.4	3420.3	2377.5	1747.1	1361.4	1111.4	946.7	833.6	745.3
2.5°	12189.5	8253.3	5397.9	3545.4	2441.4	1783.2	1379.5	1124.0	955.8	839.5	752.3
0°	12538.3	8425.6	5480.2	3611.7	2479.6	1793.3	1387.6	1132.1	961.8	841.6	756.4
-2.5°	12189.5	8253.3	5397.9	3545.4	2441.4	1783.2	1379.5	1124.0	955.8	839.5	752.3
-5°	11430.2	7807.1	5151.4	3420.3	2377.5	1747.1	1361.4	1111.4	946.7	833.6	745.3
-7.5°	10432.2	7133.7	4746.1	3207.1	2265.6	1686.1	1331.2	1094.9	937.3	826.4	738.9
-10°	9070.4	6228.8	4228.5	2930.8	2107.5	1601.8	1284.6	1068.4	921.5	814.1	729.6
-12.5°	7628.9	5287.6	3629.6	2567.8	1902.7	1495.9	1221.8	1031.7	899.3	796.4	717.4
-15°	6105.2	4385.1	3137.6	2292.2	1734.3	1388.0	1151.0	984.0	870.7	774.3	702.3
-17.5°	4912.0	3548.0	2576.6	1961.9	1563.2	1288.8	1090.1	946.4	841.6	753.8	687.9
-20°	3792.6	2809.4	2175.2	1714.6	1395.8	1173.1	1016.9	903.9	811.0	735.2	676.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627289 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-740-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2849.4	2276.6	1808.4	1472.7	1252.7	1082.8	953.8	857.7	777.4	713.8	661.9
-25°	2208.2	1829.9	1524.9	1303.5	1125.3	988.7	893.1	813.5	747.5	693.2	645.5
-27.5°	1740.4	1491.2	1315.4	1145.8	1014.8	918.6	837.4	768.7	714.8	669.8	630.0
-30°	1410.4	1265.4	1135.4	1020.2	930.5	851.1	783.8	731.5	685.6	645.4	610.8
-32.5°	1180.1	1091.8	997.2	924.7	853.5	792.0	740.5	695.2	656.6	623.2	593.6
-35°	1023.7	961.2	898.8	842.4	788.5	741.6	698.5	662.9	630.8	601.2	576.6
-37.5°	907.7	862.0	818.5	773.2	733.3	695.2	662.9	633.3	605.1	582.3	558.8
-40°	817.2	782.3	750.5	715.4	685.6	656.6	630.8	605.0	583.4	562.5	540.2
-42.5°	743.6	717.6	693.5	669.8	645.4	623.2	600.6	580.1	560.6	541.3	521.1
-45°	683.5	666.3	647.8	630.4	610.8	592.4	572.6	555.0	537.6	519.5	500.8
-47.5°	636.2	623.5	609.4	596.5	581.4	564.5	547.2	530.3	514.1	497.4	482.2
-50°	596.5	587.8	578.1	567.4	553.6	538.2	522.1	505.2	490.4	476.2	461.2
-52.5°	564.6	557.6	548.9	538.5	525.9	511.5	496.5	480.9	466.6	452.7	436.7
-55°	536.9	529.8	520.7	510.1	498.2	486.0	472.2	456.5	441.2	427.6	409.9
-57.5°	508.3	501.6	491.5	482.1	473.4	460.2	445.2	430.5	416.1	401.3	382.1
-60°	472.1	466.4	457.9	449.2	440.2	429.0	414.3	401.3	390.1	368.8	346.4
-62.5°	430.0	425.4	417.9	409.0	399.7	389.6	378.1	363.9	347.3	328.5	309.8
-65°	382.8	376.0	369.5	363.3	356.3	348.3	336.0	321.6	306.1	289.9	272.9
-67.5°	335.4	329.3	324.2	319.1	312.7	304.4	292.4	279.3	265.1	248.9	233.9
-70°	291.1	286.5	281.6	275.6	268.5	260.5	250.0	237.3	222.9	208.9	198.3
-72.5°	248.8	245.0	240.3	234.2	227.2	218.8	208.2	197.0	186.3	176.0	166.3
-75°	206.6	203.5	199.1	191.9	183.7	174.2	165.6	158.6	151.1	143.3	135.0
-77.5°	162.7	160.0	156.1	149.4	142.6	135.7	129.0	123.4	117.9	112.1	106.1
-80°	117.5	115.6	113.1	108.9	104.6	100.3	96.0	91.9	87.5	82.9	78.1
-82.5°	78.8	77.1	75.3	73.2	71.0	68.6	66.0	62.5	58.6	54.4	50.0
-85°	46.5	45.5	44.4	43.3	42.0	40.7	39.2	36.9	34.6	32.5	30.4
-87.5°	18.8	18.5	18.1	17.7	17.3	16.9	16.4	15.9	15.3	14.7	14.1
-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: P627289 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-740-U-NR-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°	13.5	12.9	12.2	11.5	10.7	10.0	9.2	8.5	7.7	6.8	6.0
85°	29.2	27.9	26.3	24.4	22.2	20.0	18.5	16.9	15.3	13.7	12.0
82.5°	47.4	45.6	43.8	41.6	38.3	35.0	31.5	28.0	24.4	20.7	18.0
80°	73.4	68.9	64.5	60.2	55.1	49.9	45.3	40.6	35.8	30.9	25.9
77.5°	99.7	93.2	86.3	80.0	73.7	67.1	60.4	53.6	47.1	41.0	34.8
75°	126.5	118.4	110.2	101.8	93.1	84.3	76.3	68.1	59.7	51.2	43.6
72.5°	156.3	145.9	135.1	124.1	114.0	103.6	92.9	82.4	72.7	62.8	52.7
70°	187.3	174.4	161.6	149.3	136.3	122.7	110.6	98.2	85.5	74.2	62.8
67.5°	219.8	206.7	191.6	175.2	160.5	145.2	128.7	114.1	99.9	85.5	72.7
65°	255.5	239.1	223.4	204.5	185.9	168.1	150.2	130.9	114.1	98.2	82.4
62.5°	290.4	270.7	251.8	232.3	212.1	191.6	171.4	149.7	128.6	110.6	92.9
60°	324.9	303.0	279.5	257.5	236.4	214.8	191.8	167.9	144.8	122.7	103.6
57.5°	357.7	334.7	308.2	282.4	258.7	236.0	211.5	185.6	160.4	136.1	113.9
55°	388.2	362.6	335.1	307.0	280.4	255.6	230.1	202.6	175.5	149.3	123.9
52.5°	416.4	389.6	360.2	330.4	301.3	274.3	247.4	219.0	190.0	162.0	134.6
50°	442.6	416.3	385.1	353.2	321.2	292.7	264.5	234.6	203.9	174.2	145.1
47.5°	465.3	440.3	410.2	375.6	341.6	310.9	281.3	250.0	217.1	185.8	155.3
45°	483.8	462.6	433.5	398.8	362.3	329.7	297.7	264.9	230.6	197.0	165.1
42.5°	500.9	481.2	455.0	421.5	383.6	348.3	313.8	279.5	243.7	207.7	174.4
40°	518.5	497.5	475.0	441.2	403.5	366.1	329.9	293.7	256.3	218.2	183.3
37.5°	534.8	513.1	490.2	459.5	421.4	382.9	345.4	307.5	268.1	228.7	191.7
35°	551.5	527.1	503.4	473.9	437.0	398.2	360.2	320.7	279.3	238.4	199.7
32.5°	567.4	540.1	514.5	485.6	451.3	411.9	373.4	332.2	289.7	247.4	207.1
30°	581.8	552.3	525.2	496.9	463.4	423.9	384.5	342.6	299.4	255.6	214.2
27.5°	593.4	562.3	535.4	506.6	473.1	434.7	394.2	352.0	308.3	263.3	220.8
25°	605.0	571.7	543.5	515.5	482.2	445.5	403.3	360.3	316.1	270.4	226.8
22.5°	617.8	580.3	549.9	524.0	491.5	456.0	411.9	367.5	322.9	276.9	232.1
20°	629.1	587.8	554.6	530.6	498.9	463.8	420.1	374.1	328.7	282.6	236.8
17.5°	639.1	595.8	560.9	534.5	504.7	470.5	427.7	379.8	333.7	287.6	240.8
15°	649.5	604.2	566.5	537.7	509.4	476.1	434.6	384.8	337.7	291.8	244.3
12.5°	658.8	611.1	571.0	540.2	513.0	480.7	440.7	388.9	340.7	295.3	247.6
10°	666.5	616.4	574.4	541.9	515.5	484.2	445.9	392.9	344.1	298.0	250.3
7.5°	672.5	620.1	576.6	542.8	517.2	486.9	450.3	397.5	346.9	299.9	252.5
5°	676.9	623.0	579.9	545.9	519.3	489.1	453.4	401.3	349.0	300.9	254.2
2.5°	680.2	625.4	583.6	548.8	520.6	490.5	455.2	404.1	350.3	301.1	255.2
0°	681.3	626.2	586.1	551.0	521.0	490.9	455.8	405.8	350.7	300.6	255.5
-2.5°	680.2	625.4	583.6	548.8	520.6	490.5	455.2	404.1	350.3	301.1	255.2
-5°	676.9	623.0	579.9	545.9	519.3	489.1	453.4	401.3	349.0	300.9	254.2
-7.5°	672.5	620.1	576.6	542.8	517.2	486.9	450.3	397.5	346.9	299.9	252.5
-10°	666.5	616.4	574.4	541.9	515.5	484.2	445.9	392.9	344.1	298.0	250.3
-12.5°	658.8	611.1	571.0	540.2	513.0	480.7	440.7	388.9	340.7	295.3	247.6
-15°	649.5	604.2	566.5	537.7	509.4	476.1	434.6	384.8	337.7	291.8	244.3
-17.5°	639.1	595.8	560.9	534.5	504.7	470.5	427.7	379.8	333.7	287.6	240.8
-20°	629.1	587.8	554.6	530.6	498.9	463.8	420.1	374.1	328.7	282.6	236.8



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CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	617.8	580.3	549.9	524.0	491.5	456.0	411.9	367.5	322.9	276.9	232.1
-25°	605.0	571.7	543.5	515.5	482.2	445.5	403.3	360.3	316.1	270.4	226.8
-27.5°	593.4	562.3	535.4	506.6	473.1	434.7	394.2	352.0	308.3	263.3	220.8
-30°	581.8	552.3	525.2	496.9	463.4	423.9	384.5	342.6	299.4	255.6	214.2
-32.5°	567.4	540.1	514.5	485.6	451.3	411.9	373.4	332.2	289.7	247.4	207.1
-35°	551.5	527.1	503.4	473.9	437.0	398.2	360.2	320.7	279.3	238.4	199.7
-37.5°	534.8	513.1	490.2	459.5	421.4	382.9	345.4	307.5	268.1	228.7	191.7
-40°	518.5	497.5	475.0	441.2	403.5	366.1	329.9	293.7	256.3	218.2	183.3
-42.5°	500.9	481.2	455.0	421.5	383.6	348.3	313.8	279.5	243.7	207.7	174.4
-45°	483.8	462.6	433.5	398.8	362.3	329.7	297.7	264.9	230.6	197.0	165.1
-47.5°	465.3	440.3	410.2	375.6	341.6	310.9	281.3	250.0	217.1	185.8	155.3
-50°	442.6	416.3	385.1	353.2	321.2	292.7	264.5	234.6	203.9	174.2	145.1
-52.5°	416.4	389.6	360.2	330.4	301.3	274.3	247.4	219.0	190.0	162.0	134.6
-55°	388.2	362.6	335.1	307.0	280.4	255.6	230.1	202.6	175.5	149.3	123.9
-57.5°	357.7	334.7	308.2	282.4	258.7	236.0	211.5	185.6	160.4	136.1	113.9
-60°	324.9	303.0	279.5	257.5	236.4	214.8	191.8	167.9	144.8	122.7	103.6
-62.5°	290.4	270.7	251.8	232.3	212.1	191.6	171.4	149.7	128.6	110.6	92.9
-65°	255.5	239.1	223.4	204.5	185.9	168.1	150.2	130.9	114.1	98.2	82.4
-67.5°	219.8	206.7	191.6	175.2	160.5	145.2	128.7	114.1	99.9	85.5	72.7
-70°	187.3	174.4	161.6	149.3	136.3	122.7	110.6	98.2	85.5	74.2	62.8
-72.5°	156.3	145.9	135.1	124.1	114.0	103.6	92.9	82.4	72.7	62.8	52.7
-75°	126.5	118.4	110.2	101.8	93.1	84.3	76.3	68.1	59.7	51.2	43.6
-77.5°	99.7	93.2	86.3	80.0	73.7	67.1	60.4	53.6	47.1	41.0	34.8
-80°	73.4	68.9	64.5	60.2	55.1	49.9	45.3	40.6	35.8	30.9	25.9
-82.5°	47.4	45.6	43.8	41.6	38.3	35.0	31.5	28.0	24.4	20.7	18.0
-85°	29.2	27.9	26.3	24.4	22.2	20.0	18.5	16.9	15.3	13.7	12.0
-87.5°	13.5	12.9	12.2	11.5	10.7	10.0	9.2	8.5	7.7	6.8	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

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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°	5.2	4.3	3.5	2.6	1.7	0.8	0.0
85°	10.3	8.6	6.9	5.2	3.5	1.5	0.0
82.5°	15.5	13.0	10.4	7.8	5.2	2.3	0.0
80°	20.9	17.2	13.8	10.4	6.9	3.0	0.0
77.5°	28.5	22.1	17.2	13.0	8.6	3.8	0.0
75°	36.0	28.1	20.8	15.5	10.3	4.5	0.0
72.5°	43.4	34.1	25.4	18.0	11.9	5.2	0.0
70°	50.8	39.9	29.9	20.6	13.5	5.9	0.0
67.5°	59.2	45.6	34.3	23.8	15.0	6.6	0.0
65°	67.4	51.8	38.5	26.9	16.5	7.3	0.0
62.5°	75.4	58.5	42.7	29.9	17.9	7.9	0.0
60°	83.3	65.0	46.7	32.8	19.3	8.6	0.0
57.5°	91.9	71.4	51.8	35.7	21.1	9.2	0.0
55°	100.5	77.6	56.7	38.4	22.9	9.8	0.0
52.5°	108.7	83.8	61.5	41.1	24.6	10.3	0.0
50°	116.7	90.4	66.2	43.6	26.3	10.9	0.0
47.5°	124.6	96.8	70.6	46.2	27.9	11.4	0.0
45°	132.9	103.0	74.9	49.4	29.5	11.9	0.0
42.5°	140.9	108.9	79.0	52.5	31.0	12.3	0.0
40°	148.5	114.4	83.2	55.4	32.5	12.7	0.0
37.5°	155.7	119.7	87.4	58.3	33.9	13.1	0.0
35°	162.5	125.2	91.4	61.0	35.2	13.5	0.0
32.5°	168.9	130.4	95.1	63.6	36.5	13.8	0.0
30°	174.8	135.4	98.6	66.0	37.7	14.1	0.0
27.5°	180.3	139.9	101.9	68.2	38.8	14.3	0.0
25°	185.3	144.1	105.0	70.2	39.8	14.6	0.0
22.5°	189.8	147.8	107.9	72.1	40.8	14.7	0.0
20°	193.9	151.0	110.4	73.7	41.7	14.9	0.0
17.5°	197.2	153.8	112.7	75.2	42.4	15.0	0.0
15°	199.9	156.1	114.7	76.5	43.1	15.1	0.0
12.5°	202.2	157.9	116.4	77.6	43.7	15.2	0.0
10°	203.9	159.2	117.7	78.5	44.2	15.2	0.0
7.5°	205.0	160.1	118.8	79.2	44.6	15.2	0.0
5°	205.7	160.6	119.6	79.7	44.9	15.2	0.0
2.5°	205.8	160.7	120.0	80.0	45.0	15.1	0.0
0°	205.4	160.3	120.2	80.1	45.1	15.0	0.0
-2.5°	205.8	160.7	120.0	80.0	45.0	15.1	0.0
-5°	205.7	160.6	119.6	79.7	44.9	15.2	0.0
-7.5°	205.0	160.1	118.8	79.2	44.6	15.2	0.0
-10°	203.9	159.2	117.7	78.5	44.2	15.2	0.0
-12.5°	202.2	157.9	116.4	77.6	43.7	15.2	0.0
-15°	199.9	156.1	114.7	76.5	43.1	15.1	0.0
-17.5°	197.2	153.8	112.7	75.2	42.4	15.0	0.0
-20°	193.9	151.0	110.4	73.7	41.7	14.9	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	189.8	147.8	107.9	72.1	40.8	14.7	0.0
-25°	185.3	144.1	105.0	70.2	39.8	14.6	0.0
-27.5°	180.3	139.9	101.9	68.2	38.8	14.3	0.0
-30°	174.8	135.4	98.6	66.0	37.7	14.1	0.0
-32.5°	168.9	130.4	95.1	63.6	36.5	13.8	0.0
-35°	162.5	125.2	91.4	61.0	35.2	13.5	0.0
-37.5°	155.7	119.7	87.4	58.3	33.9	13.1	0.0
-40°	148.5	114.4	83.2	55.4	32.5	12.7	0.0
-42.5°	140.9	108.9	79.0	52.5	31.0	12.3	0.0
-45°	132.9	103.0	74.9	49.4	29.5	11.9	0.0
-47.5°	124.6	96.8	70.6	46.2	27.9	11.4	0.0
-50°	116.7	90.4	66.2	43.6	26.3	10.9	0.0
-52.5°	108.7	83.8	61.5	41.1	24.6	10.3	0.0
-55°	100.5	77.6	56.7	38.4	22.9	9.8	0.0
-57.5°	91.9	71.4	51.8	35.7	21.1	9.2	0.0
-60°	83.3	65.0	46.7	32.8	19.3	8.6	0.0
-62.5°	75.4	58.5	42.7	29.9	17.9	7.9	0.0
-65°	67.4	51.8	38.5	26.9	16.5	7.3	0.0
-67.5°	59.2	45.6	34.3	23.8	15.0	6.6	0.0
-70°	50.8	39.9	29.9	20.6	13.5	5.9	0.0
-72.5°	43.4	34.1	25.4	18.0	11.9	5.2	0.0
-75°	36.0	28.1	20.8	15.5	10.3	4.5	0.0
-77.5°	28.5	22.1	17.2	13.0	8.6	3.8	0.0
-80°	20.9	17.2	13.8	10.4	6.9	3.0	0.0
-82.5°	15.5	13.0	10.4	7.8	5.2	2.3	0.0
-85°	10.3	8.6	6.9	5.2	3.5	1.5	0.0
-87.5°	5.2	4.3	3.5	2.6	1.7	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)