

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627379 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA4C-727-U-NR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627379 (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: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4C-727-U-NR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, NARROW SYMMETRICAL ROUND N86
Light Source: (64) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 21818.5 lumens
Efficiency: N/A
Efficacy: 129.7 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 205475.7 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.7°H x 13.6°V
Beam Lumens: 6450.8 lumens
Beam Efficiency: 29.6%

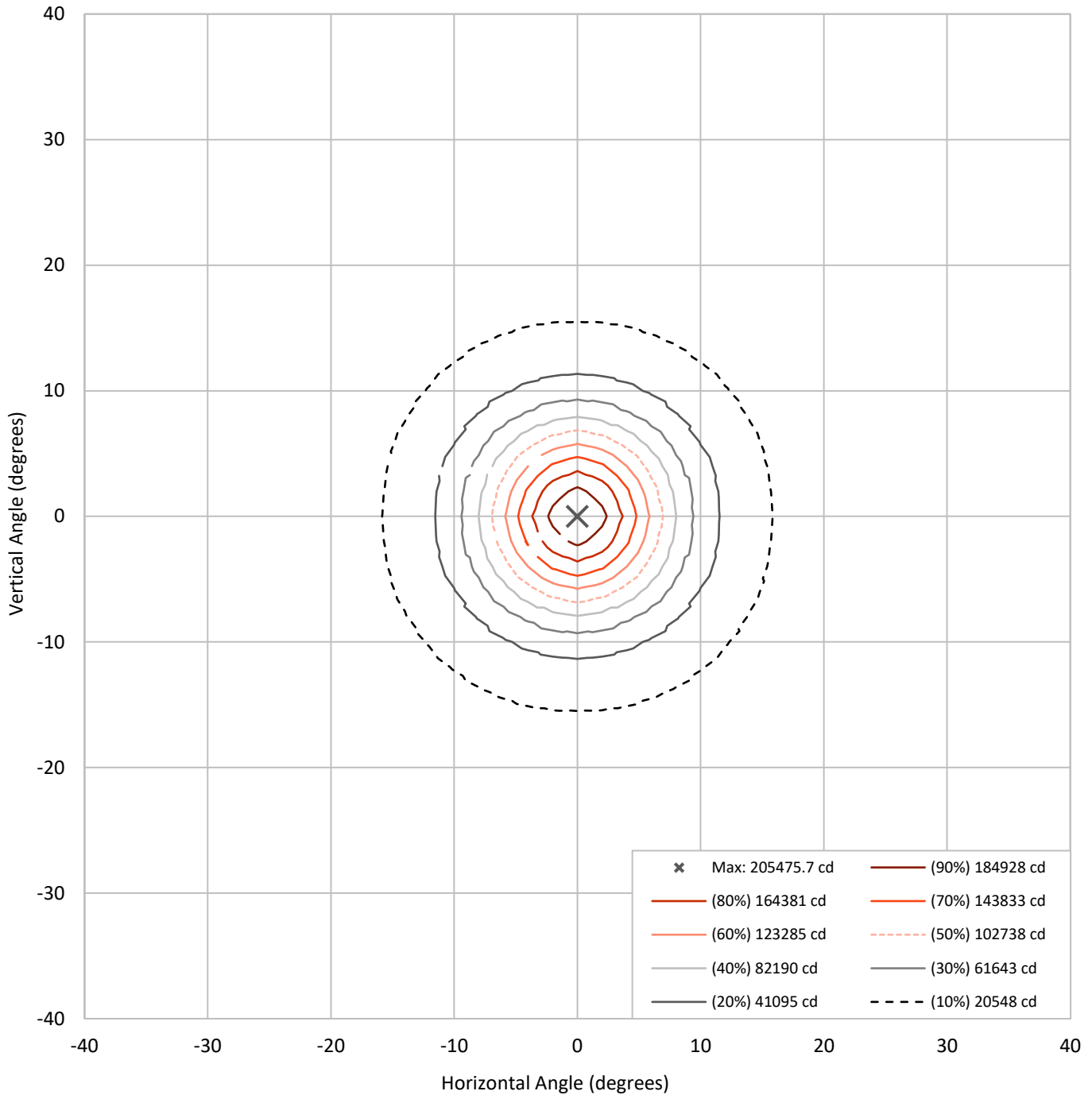
Field Angle (10%): 31.6°H x 30.6°V
Field Lumens: 14516.9 lumens
Field Efficiency: 66.5%

Input Watts (W): 168.2
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



REPORT NUMBER: P627379 (CONVERTED FROM TYPE C PHOTOMETRY)
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Iso-Candela Plot





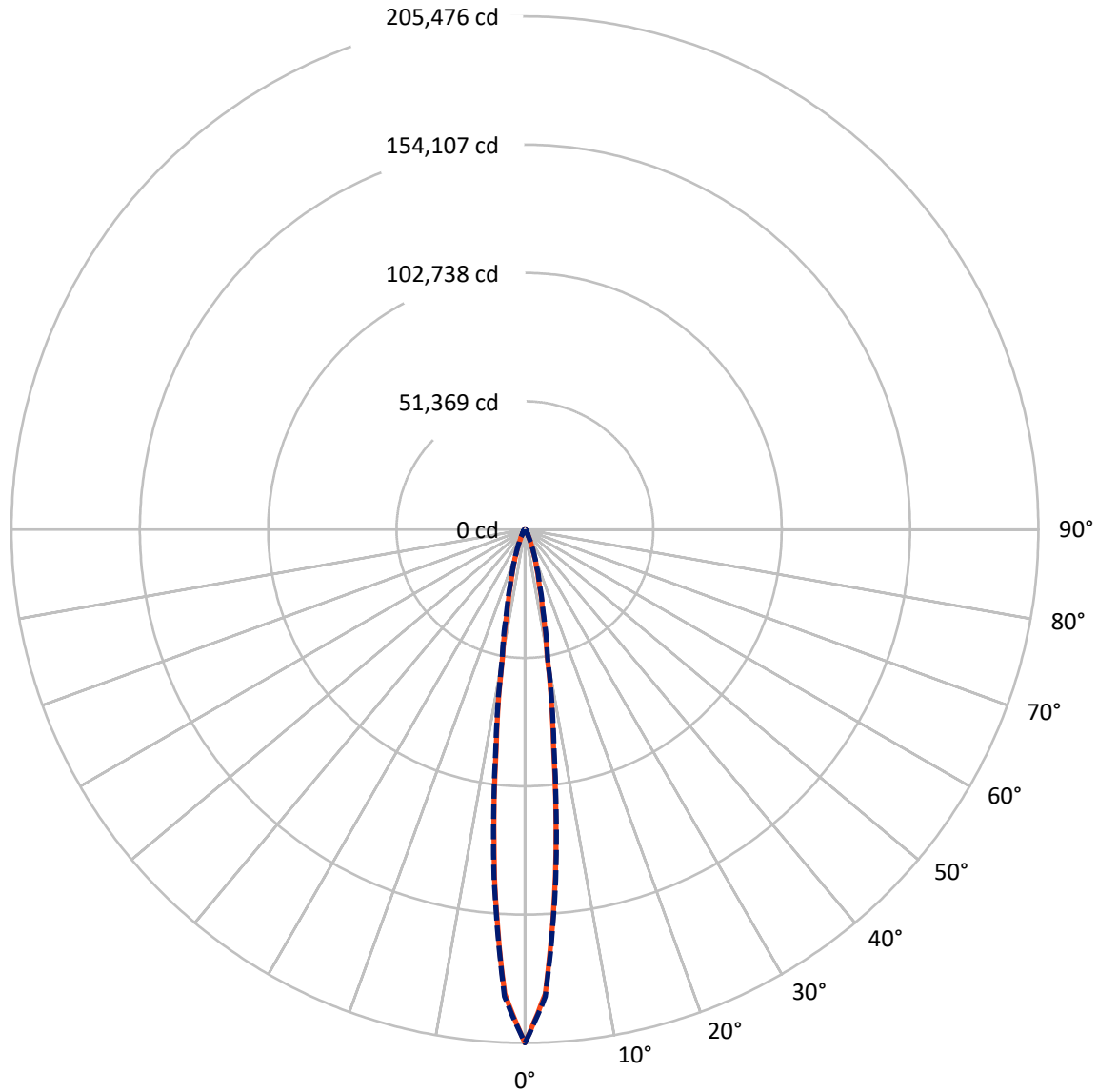
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Lumen Table

90	0.4	3.0		7.9		12.7		13.9		12.7		7.9		3.0		0.4			
80	0.4	3.0		7.9		12.7		13.9		12.7		7.9		3.0		0.4			
70	1.4	1.5	3.1	5.2	7.3	9.0	10.1	10.5	10.5	10.1	9.0	7.3	5.2	3.1	1.5	1.4			
60		2.3	4.7	7.7	10.3	12.6	14.1	14.7	14.7	14.1	12.6	10.3	7.7	4.7	2.3				
50	2.4	3.0	6.1	9.5	12.6	15.9	18.7	20.1	20.1	18.7	15.9	12.6	9.5	6.1	3.0	2.4			
40		3.7	7.2	10.9	15.5	22.3	31.4	38.9	38.9	31.4	22.3	15.5	10.9	7.2	3.7				
30	3.1	4.1	7.9	12.3	20.1	39.9	90.8	150.3	150.3	90.8	39.9	20.1	12.3	7.9	4.1	3.1			
20		4.4	8.3	13.6	26.6	84.7	300.6	647.4	647.4	300.6	84.7	26.6	13.6	8.3	4.4				
10	3.3	4.6	8.5	14.4	32.2	139.5	653.4	2822.7	2822.7	653.4	139.5	32.2	14.4	8.5	4.6	3.3			
0		4.6	8.5	14.4	32.2	139.5	653.4	2822.7	2822.7	653.4	139.5	32.2	14.4	8.5	4.6				
-10	3.1	4.4	8.3	13.6	26.6	84.7	300.6	647.4	647.4	300.6	84.7	26.6	13.6	8.3	4.4	3.1			
-20		4.1	7.9	12.3	20.1	39.9	90.8	150.3	150.3	90.8	39.9	20.1	12.3	7.9	4.1				
-30	2.4	3.7	7.2	10.9	15.5	22.3	31.4	38.9	38.9	31.4	22.3	15.5	10.9	7.2	3.7	2.4			
-40		3.0	6.1	9.5	12.6	15.9	18.7	20.1	20.1	18.7	15.9	12.6	9.5	6.1	3.0				
-50	1.4	2.3	4.7	7.7	10.3	12.6	14.1	14.7	14.7	14.1	12.6	10.3	7.7	4.7	2.3	1.4			
-60		1.5	3.1	5.2	7.3	9.0	10.1	10.5	10.5	10.1	9.0	7.3	5.2	3.1	1.5				
-70	0.4	3.0		7.9		12.7		13.9		12.7		7.9		3.0		0.4			
-80		3.0		7.9		12.7		13.9		12.7		7.9		3.0					
-90	0.4	3.0		7.9		12.7		13.9		12.7		7.9		3.0		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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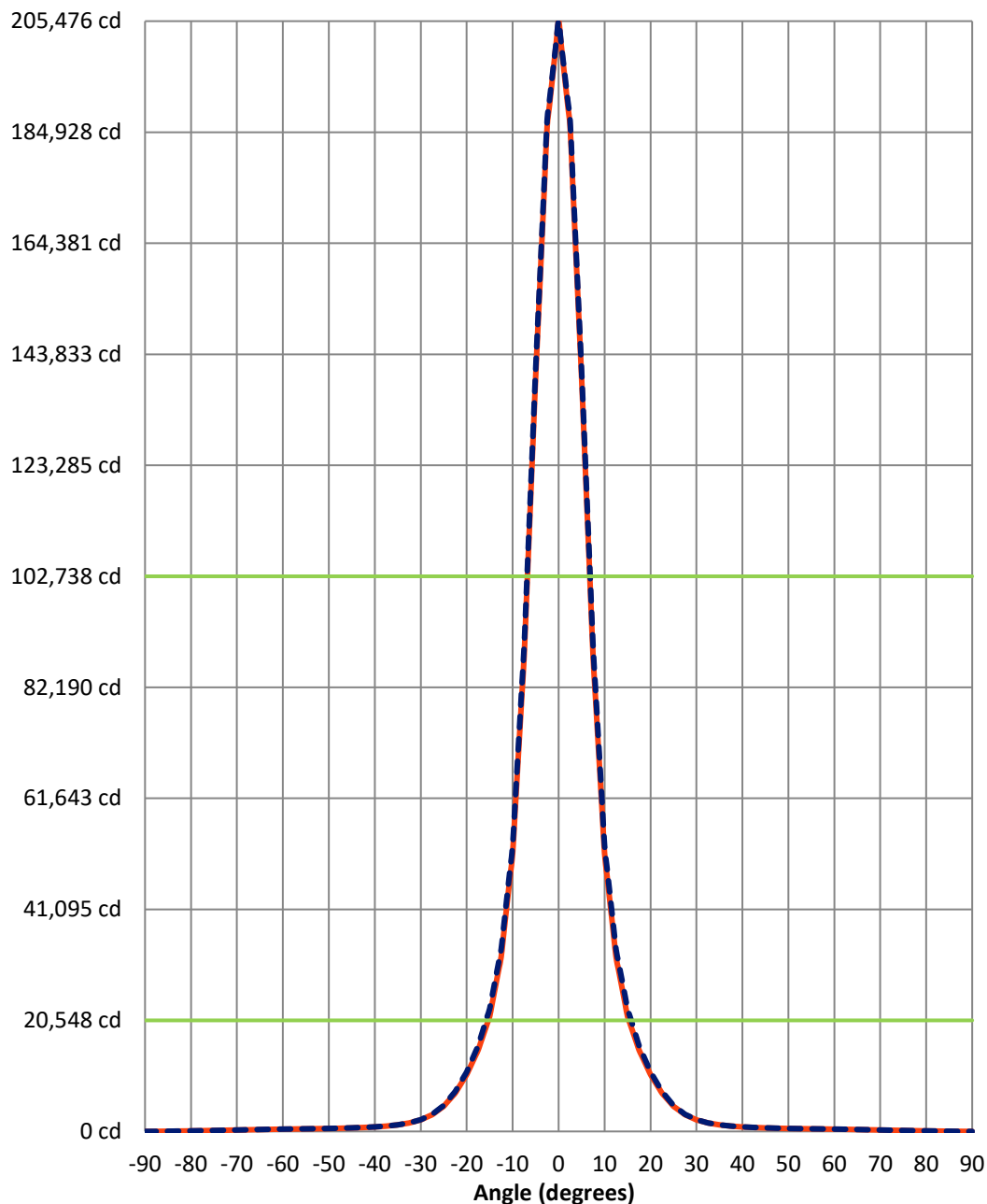
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 6450.8
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 14516.9
 Efficiency: 66.5%

Spill:
 Lumens: 7301.7
 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	0.7	1.5	2.3	3.1	3.8	4.6	5.3	6.0	6.7	7.4
85°	0.0	1.3	3.1	4.6	6.1	7.6	9.1	10.6	12.0	13.5	14.9
82.5°	0.0	2.0	4.6	6.9	9.1	11.4	13.6	15.8	18.2	21.4	24.6
80°	0.0	2.7	6.1	9.1	12.2	15.2	18.4	22.8	27.2	31.4	35.6
77.5°	0.0	3.3	7.6	11.4	15.2	19.5	25.1	30.6	36.0	41.4	47.1
75°	0.0	4.0	9.0	13.6	18.3	24.7	31.6	38.3	45.0	52.4	59.8
72.5°	0.0	4.6	10.5	15.8	22.3	29.9	38.1	46.3	55.1	63.8	72.3
70°	0.0	5.2	11.8	18.1	26.3	35.0	44.6	55.1	65.2	75.1	86.2
67.5°	0.0	5.8	13.2	20.9	30.1	40.0	51.9	63.8	75.1	87.8	100.3
65°	0.0	6.4	14.5	23.6	33.9	45.5	59.2	72.3	86.2	100.3	115.1
62.5°	0.0	7.0	15.8	26.3	37.5	51.4	66.2	81.6	97.2	113.1	131.6
60°	0.0	7.6	17.0	28.9	41.0	57.1	73.2	91.0	107.9	127.3	147.6
57.5°	0.0	8.1	18.6	31.3	45.5	62.7	80.8	100.1	119.6	141.0	163.2
55°	0.0	8.6	20.1	33.7	49.8	68.2	88.3	108.9	131.3	154.3	178.1
52.5°	0.0	9.1	21.7	36.1	54.1	73.6	95.6	118.4	142.4	167.0	192.4
50°	0.0	9.6	23.1	38.3	58.1	79.5	102.6	127.6	153.1	179.2	206.2
47.5°	0.0	10.0	24.6	40.6	62.1	85.1	109.5	136.5	163.3	190.8	219.7
45°	0.0	10.4	25.9	43.4	65.8	90.5	116.9	145.1	173.1	202.6	232.8
42.5°	0.0	10.8	27.3	46.1	69.4	95.7	123.9	153.3	182.5	214.1	245.6
40°	0.0	11.2	28.6	48.7	73.1	100.6	130.5	161.1	191.8	225.3	258.1
37.5°	0.0	11.5	29.8	51.2	76.8	105.3	136.9	168.5	201.0	235.6	270.1
35°	0.0	11.8	30.9	53.6	80.3	110.1	142.8	175.5	209.5	245.4	281.8
32.5°	0.0	12.1	32.1	55.9	83.6	114.7	148.4	182.0	217.4	254.5	291.9
30°	0.0	12.4	33.1	58.0	86.6	119.0	153.6	188.2	224.6	263.0	301.1
27.5°	0.0	12.6	34.1	59.9	89.6	123.0	158.4	194.1	231.3	270.9	309.3
25°	0.0	12.8	35.0	61.7	92.4	126.6	162.8	199.3	237.6	277.8	316.7
22.5°	0.0	13.0	35.8	63.3	94.9	129.9	166.8	204.0	243.3	283.7	323.0
20°	0.0	13.1	36.6	64.8	97.1	132.8	170.4	208.1	248.3	288.9	328.7
17.5°	0.0	13.2	37.3	66.1	99.1	135.2	173.3	211.6	252.7	293.2	333.8
15°	0.0	13.3	37.9	67.2	100.8	137.2	175.7	214.7	256.4	296.7	338.2
12.5°	0.0	13.4	38.4	68.2	102.3	138.8	177.7	217.6	259.5	299.4	341.8
10°	0.0	13.4	38.8	69.0	103.5	140.0	179.2	220.0	261.9	302.4	345.3
7.5°	0.0	13.4	39.2	69.6	104.5	140.8	180.2	221.9	263.5	304.8	349.4
5°	0.0	13.3	39.4	70.0	105.2	141.2	180.8	223.3	264.4	306.7	352.7
2.5°	0.0	13.3	39.5	70.3	105.6	141.2	180.9	224.2	264.6	307.8	355.1
0°	0.0	13.2	39.6	70.4	105.7	140.9	180.5	224.5	264.1	308.2	356.6
-2.5°	0.0	13.3	39.5	70.3	105.6	141.2	180.9	224.2	264.6	307.8	355.1
-5°	0.0	13.3	39.4	70.0	105.2	141.2	180.8	223.3	264.4	306.7	352.7
-7.5°	0.0	13.4	39.2	69.6	104.5	140.8	180.2	221.9	263.5	304.8	349.4
-10°	0.0	13.4	38.8	69.0	103.5	140.0	179.2	220.0	261.9	302.4	345.3
-12.5°	0.0	13.4	38.4	68.2	102.3	138.8	177.7	217.6	259.5	299.4	341.8
-15°	0.0	13.3	37.9	67.2	100.8	137.2	175.7	214.7	256.4	296.7	338.2
-17.5°	0.0	13.2	37.3	66.1	99.1	135.2	173.3	211.6	252.7	293.2	333.8
-20°	0.0	13.1	36.6	64.8	97.1	132.8	170.4	208.1	248.3	288.9	328.7

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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	13.0	35.8	63.3	94.9	129.9	166.8	204.0	243.3	283.7	323.0
-25°	0.0	12.8	35.0	61.7	92.4	126.6	162.8	199.3	237.6	277.8	316.7
-27.5°	0.0	12.6	34.1	59.9	89.6	123.0	158.4	194.1	231.3	270.9	309.3
-30°	0.0	12.4	33.1	58.0	86.6	119.0	153.6	188.2	224.6	263.0	301.1
-32.5°	0.0	12.1	32.1	55.9	83.6	114.7	148.4	182.0	217.4	254.5	291.9
-35°	0.0	11.8	30.9	53.6	80.3	110.1	142.8	175.5	209.5	245.4	281.8
-37.5°	0.0	11.5	29.8	51.2	76.8	105.3	136.9	168.5	201.0	235.6	270.1
-40°	0.0	11.2	28.6	48.7	73.1	100.6	130.5	161.1	191.8	225.3	258.1
-42.5°	0.0	10.8	27.3	46.1	69.4	95.7	123.9	153.3	182.5	214.1	245.6
-45°	0.0	10.4	25.9	43.4	65.8	90.5	116.9	145.1	173.1	202.6	232.8
-47.5°	0.0	10.0	24.6	40.6	62.1	85.1	109.5	136.5	163.3	190.8	219.7
-50°	0.0	9.6	23.1	38.3	58.1	79.5	102.6	127.6	153.1	179.2	206.2
-52.5°	0.0	9.1	21.7	36.1	54.1	73.6	95.6	118.4	142.4	167.0	192.4
-55°	0.0	8.6	20.1	33.7	49.8	68.2	88.3	108.9	131.3	154.3	178.1
-57.5°	0.0	8.1	18.6	31.3	45.5	62.7	80.8	100.1	119.6	141.0	163.2
-60°	0.0	7.6	17.0	28.9	41.0	57.1	73.2	91.0	107.9	127.3	147.6
-62.5°	0.0	7.0	15.8	26.3	37.5	51.4	66.2	81.6	97.2	113.1	131.6
-65°	0.0	6.4	14.5	23.6	33.9	45.5	59.2	72.3	86.2	100.3	115.1
-67.5°	0.0	5.8	13.2	20.9	30.1	40.0	51.9	63.8	75.1	87.8	100.3
-70°	0.0	5.2	11.8	18.1	26.3	35.0	44.6	55.1	65.2	75.1	86.2
-72.5°	0.0	4.6	10.5	15.8	22.3	29.9	38.1	46.3	55.1	63.8	72.3
-75°	0.0	4.0	9.0	13.6	18.3	24.7	31.6	38.3	45.0	52.4	59.8
-77.5°	0.0	3.3	7.6	11.4	15.2	19.5	25.1	30.6	36.0	41.4	47.1
-80°	0.0	2.7	6.1	9.1	12.2	15.2	18.4	22.8	27.2	31.4	35.6
-82.5°	0.0	2.0	4.6	6.9	9.1	11.4	13.6	15.8	18.2	21.4	24.6
-85°	0.0	1.3	3.1	4.6	6.1	7.6	9.1	10.6	12.0	13.5	14.9
-87.5°	0.0	0.7	1.5	2.3	3.1	3.8	4.6	5.3	6.0	6.7	7.4
-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°	8.1	8.8	9.5	10.1	10.7	11.3	11.9	12.4	13.0	13.5	14.0
85°	16.2	17.6	19.5	21.5	23.1	24.5	25.7	26.7	28.5	30.4	32.4
82.5°	27.7	30.7	33.7	36.5	38.5	40.1	41.6	43.9	47.7	51.5	54.9
80°	39.8	43.8	48.4	52.8	56.6	60.5	64.5	68.5	72.8	76.8	80.7
77.5°	53.1	58.9	64.7	70.3	75.8	81.8	87.6	93.2	98.6	103.7	108.5
75°	67.0	74.0	81.8	89.4	96.9	104.1	111.2	118.7	126.0	132.8	139.4
72.5°	81.6	91.0	100.2	109.1	118.8	128.2	137.4	146.2	154.7	163.7	173.2
70°	97.2	107.9	119.9	131.3	142.1	153.3	164.6	174.3	183.6	195.9	208.6
67.5°	113.2	127.7	141.1	154.0	168.4	181.7	193.2	205.5	218.7	233.0	245.5
65°	132.1	147.8	163.4	179.7	196.3	210.1	224.6	239.8	254.8	269.1	282.6
62.5°	150.7	168.4	186.4	204.2	221.3	237.8	255.2	272.3	288.7	305.3	319.9
60°	168.6	188.8	207.7	226.3	245.7	266.3	285.6	304.5	324.1	342.9	352.7
57.5°	185.9	207.4	227.3	248.2	270.9	294.2	314.4	335.8	352.7	365.6	378.3
55°	202.2	224.6	246.4	269.8	294.5	318.7	341.2	360.3	375.8	387.7	401.2
52.5°	217.4	241.0	264.7	290.4	316.6	342.4	365.9	383.8	397.8	410.0	422.6
50°	232.4	257.2	282.3	310.4	338.4	365.9	389.0	405.3	418.5	431.0	444.0
47.5°	247.1	273.1	300.2	330.1	360.5	387.0	408.8	423.8	437.1	451.8	466.1
45°	261.6	289.7	318.4	350.5	381.0	406.5	425.1	440.1	456.6	472.5	487.7
42.5°	275.7	306.1	337.1	370.4	399.9	422.9	440.2	458.0	475.8	492.7	509.8
40°	289.9	321.8	354.6	387.7	417.4	437.2	455.7	474.8	494.3	512.7	531.7
37.5°	303.6	336.5	370.4	403.8	430.8	450.9	470.1	491.1	511.7	531.8	556.6
35°	316.5	349.9	384.1	416.4	442.4	463.3	484.7	506.8	528.4	554.3	582.6
32.5°	328.1	362.0	396.6	426.7	452.2	474.7	498.6	521.7	547.7	577.1	611.0
30°	337.9	372.5	407.3	436.7	461.6	485.4	511.4	536.8	567.2	602.5	642.9
27.5°	346.5	382.0	415.8	445.3	470.6	494.2	521.6	553.7	588.6	628.2	675.6
25°	354.5	391.6	423.8	453.1	477.7	502.4	531.7	567.3	609.2	657.0	715.0
22.5°	362.0	400.8	431.9	460.5	483.3	510.0	543.0	581.7	627.3	683.2	753.8
20°	369.3	407.6	438.5	466.3	487.5	516.6	552.9	594.2	646.1	712.8	794.4
17.5°	375.9	413.5	443.6	469.8	493.0	523.7	561.7	604.5	662.5	739.6	831.8
15°	382.0	418.4	447.7	472.6	497.9	531.0	570.8	617.2	680.6	765.2	864.9
12.5°	387.3	422.4	450.8	474.7	501.8	537.1	578.9	630.4	700.0	790.4	906.8
10°	391.9	425.5	453.0	476.2	504.8	541.7	585.7	641.2	715.4	809.9	939.0
7.5°	395.8	427.9	454.5	477.1	506.7	544.9	591.0	649.4	726.3	823.7	962.3
5°	398.5	429.9	456.3	479.8	509.7	547.5	594.8	655.0	732.6	832.0	976.7
2.5°	400.1	431.0	457.4	482.4	512.9	549.6	597.7	661.2	737.8	840.0	987.8
0°	400.6	431.4	457.8	484.3	515.1	550.3	598.7	664.8	739.6	845.3	994.9
-2.5°	400.1	431.0	457.4	482.4	512.9	549.6	597.7	661.2	737.8	840.0	987.8
-5°	398.5	429.9	456.3	479.8	509.7	547.5	594.8	655.0	732.6	832.0	976.7
-7.5°	395.8	427.9	454.5	477.1	506.7	544.9	591.0	649.4	726.3	823.7	962.3
-10°	391.9	425.5	453.0	476.2	504.8	541.7	585.7	641.2	715.4	809.9	939.0
-12.5°	387.3	422.4	450.8	474.7	501.8	537.1	578.9	630.4	700.0	790.4	906.8
-15°	382.0	418.4	447.7	472.6	497.9	531.0	570.8	617.2	680.6	765.2	864.9
-17.5°	375.9	413.5	443.6	469.8	493.0	523.7	561.7	604.5	662.5	739.6	831.8
-20°	369.3	407.6	438.5	466.3	487.5	516.6	552.9	594.2	646.1	712.8	794.4

Classified

Cooper Lighting Solutions Photometric Lab
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Peachtree City, GA 30269

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REPORT NUMBER: P627379 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-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°	362.0	400.8	431.9	460.5	483.3	510.0	543.0	581.7	627.3	683.2	753.8
-25°	354.5	391.6	423.8	453.1	477.7	502.4	531.7	567.3	609.2	657.0	715.0
-27.5°	346.5	382.0	415.8	445.3	470.6	494.2	521.6	553.7	588.6	628.2	675.6
-30°	337.9	372.5	407.3	436.7	461.6	485.4	511.4	536.8	567.2	602.5	642.9
-32.5°	328.1	362.0	396.6	426.7	452.2	474.7	498.6	521.7	547.7	577.1	611.0
-35°	316.5	349.9	384.1	416.4	442.4	463.3	484.7	506.8	528.4	554.3	582.6
-37.5°	303.6	336.5	370.4	403.8	430.8	450.9	470.1	491.1	511.7	531.8	556.6
-40°	289.9	321.8	354.6	387.7	417.4	437.2	455.7	474.8	494.3	512.7	531.7
-42.5°	275.7	306.1	337.1	370.4	399.9	422.9	440.2	458.0	475.8	492.7	509.8
-45°	261.6	289.7	318.4	350.5	381.0	406.5	425.1	440.1	456.6	472.5	487.7
-47.5°	247.1	273.1	300.2	330.1	360.5	387.0	408.8	423.8	437.1	451.8	466.1
-50°	232.4	257.2	282.3	310.4	338.4	365.9	389.0	405.3	418.5	431.0	444.0
-52.5°	217.4	241.0	264.7	290.4	316.6	342.4	365.9	383.8	397.8	410.0	422.6
-55°	202.2	224.6	246.4	269.8	294.5	318.7	341.2	360.3	375.8	387.7	401.2
-57.5°	185.9	207.4	227.3	248.2	270.9	294.2	314.4	335.8	352.7	365.6	378.3
-60°	168.6	188.8	207.7	226.3	245.7	266.3	285.6	304.5	324.1	342.9	352.7
-62.5°	150.7	168.4	186.4	204.2	221.3	237.8	255.2	272.3	288.7	305.3	319.9
-65°	132.1	147.8	163.4	179.7	196.3	210.1	224.6	239.8	254.8	269.1	282.6
-67.5°	113.2	127.7	141.1	154.0	168.4	181.7	193.2	205.5	218.7	233.0	245.5
-70°	97.2	107.9	119.9	131.3	142.1	153.3	164.6	174.3	183.6	195.9	208.6
-72.5°	81.6	91.0	100.2	109.1	118.8	128.2	137.4	146.2	154.7	163.7	173.2
-75°	67.0	74.0	81.8	89.4	96.9	104.1	111.2	118.7	126.0	132.8	139.4
-77.5°	53.1	58.9	64.7	70.3	75.8	81.8	87.6	93.2	98.6	103.7	108.5
-80°	39.8	43.8	48.4	52.8	56.6	60.5	64.5	68.5	72.8	76.8	80.7
-82.5°	27.7	30.7	33.7	36.5	38.5	40.1	41.6	43.9	47.7	51.5	54.9
-85°	16.2	17.6	19.5	21.5	23.1	24.5	25.7	26.7	28.5	30.4	32.4
-87.5°	8.1	8.8	9.5	10.1	10.7	11.3	11.9	12.4	13.0	13.5	14.0
-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: P627379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-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°	14.4	14.8	15.2	15.6	16.0	16.3	16.5	16.8	17.0	16.1	15.2
85°	34.4	35.7	36.9	38.0	39.0	40.0	40.8	41.6	42.2	41.7	41.0
82.5°	58.0	60.3	62.4	64.3	66.1	67.7	69.2	70.5	71.6	71.5	71.2
80°	84.4	88.2	92.0	95.7	99.4	101.6	103.3	104.5	105.3	105.7	105.8
77.5°	113.5	119.3	125.4	131.4	137.2	140.6	143.0	145.0	146.6	147.0	146.7
75°	145.6	153.1	161.4	168.7	175.0	178.9	181.5	183.8	185.6	186.1	185.9
72.5°	183.0	192.3	199.7	205.8	211.2	215.3	218.7	221.5	223.9	224.8	225.0
70°	219.7	228.9	236.0	242.2	247.4	251.7	255.8	259.2	262.1	264.2	265.7
67.5°	257.0	267.5	274.8	280.4	284.8	289.4	294.7	299.4	303.3	305.9	307.2
65°	295.3	306.1	313.1	319.3	324.7	330.5	336.4	340.8	343.7	345.5	346.7
62.5°	332.3	342.4	351.3	359.4	367.3	373.8	377.9	381.6	384.7	387.3	389.3
60°	364.1	377.0	386.9	394.7	402.4	409.8	414.8	418.8	421.9	424.2	425.7
57.5°	391.3	404.4	416.0	423.6	432.0	440.8	446.7	450.0	453.2	455.8	457.0
55°	415.0	427.1	437.8	448.3	457.6	465.6	471.9	476.4	480.2	483.2	484.2
52.5°	436.3	449.6	462.2	473.3	482.5	490.1	496.2	501.8	506.1	509.0	510.3
50°	458.8	473.1	486.6	498.6	508.1	516.6	524.3	530.9	537.2	542.2	545.8
47.5°	480.9	496.1	510.9	524.3	535.6	548.0	559.1	568.5	577.7	585.2	590.3
45°	503.2	520.6	536.8	554.0	569.3	585.5	600.7	613.6	627.0	637.1	644.0
42.5°	527.9	547.7	567.2	588.6	609.5	630.6	653.5	674.0	689.7	704.5	716.5
40°	554.3	577.1	602.5	628.7	659.5	687.5	718.2	744.6	768.4	793.7	813.7
37.5°	582.6	611.0	644.4	679.5	719.4	757.6	797.7	837.2	871.6	912.2	943.2
35°	613.8	651.8	693.0	740.4	789.9	844.8	899.7	963.1	1017.7	1077.7	1130.0
32.5°	650.8	696.1	750.1	812.7	876.4	959.5	1037.2	1138.1	1225.4	1320.7	1416.7
30°	688.9	748.0	817.7	896.6	997.9	1112.1	1239.5	1389.7	1544.6	1694.4	1875.1
27.5°	736.0	807.3	891.8	1007.0	1156.0	1310.5	1529.5	1755.0	2039.6	2275.0	2606.9
25°	784.9	868.9	989.0	1145.6	1340.1	1608.2	1940.6	2301.0	2801.7	3241.6	3757.6
22.5°	838.2	951.7	1101.0	1294.3	1589.3	2000.8	2504.1	3182.4	3921.0	4705.2	5485.2
20°	893.8	1031.0	1226.7	1506.9	1911.6	2469.0	3333.1	4380.2	5435.4	6729.3	7875.0
17.5°	958.1	1132.7	1373.8	1724.2	2264.4	3118.1	4316.9	5778.7	7415.7	9276.2	10927.9
15°	1011.6	1219.8	1524.3	2014.5	2757.4	3853.8	5365.5	7376.5	9836.5	12335.1	14870.0
12.5°	1073.8	1314.7	1672.2	2256.7	3189.9	4646.9	6704.6	9249.9	12322.2	15787.9	19873.4
10°	1129.0	1407.8	1852.2	2575.7	3716.1	5474.1	7971.3	11033.6	14998.4	19984.6	26311.4
7.5°	1169.9	1481.8	1991.2	2818.6	4171.1	6269.4	9168.2	12986.7	18024.6	24609.0	33292.0
5°	1196.5	1535.4	2089.5	3005.9	4527.3	6861.2	10045.3	14372.0	20449.9	29762.3	44465.9
2.5°	1212.4	1567.1	2145.6	3115.8	4743.8	7253.4	10712.6	15419.6	22021.7	32947.2	51652.7
0°	1219.5	1576.0	2179.2	3174.1	4816.2	7404.8	11019.1	15896.9	22725.0	33691.3	52916.4
-2.5°	1212.4	1567.1	2145.6	3115.8	4743.8	7253.4	10712.6	15419.6	22021.7	32947.2	51652.7
-5°	1196.5	1535.4	2089.5	3005.9	4527.3	6861.2	10045.3	14372.0	20449.9	29762.3	44465.9
-7.5°	1169.9	1481.8	1991.2	2818.6	4171.1	6269.4	9168.2	12986.7	18024.6	24609.0	33292.0
-10°	1129.0	1407.8	1852.2	2575.7	3716.1	5474.1	7971.3	11033.6	14998.4	19984.6	26311.4
-12.5°	1073.8	1314.7	1672.2	2256.7	3189.9	4646.9	6704.6	9249.9	12322.2	15787.9	19873.4
-15°	1011.6	1219.8	1524.3	2014.5	2757.4	3853.8	5365.5	7376.5	9836.5	12335.1	14870.0
-17.5°	958.1	1132.7	1373.8	1724.2	2264.4	3118.1	4316.9	5778.7	7415.7	9276.2	10927.9
-20°	893.8	1031.0	1226.7	1506.9	1911.6	2469.0	3333.1	4380.2	5435.4	6729.3	7875.0

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REPORT NUMBER: P627379 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	838.2	951.7	1101.0	1294.3	1589.3	2000.8	2504.1	3182.4	3921.0	4705.2	5485.2
-25°	784.9	868.9	989.0	1145.6	1340.1	1608.2	1940.6	2301.0	2801.7	3241.6	3757.6
-27.5°	736.0	807.3	891.8	1007.0	1156.0	1310.5	1529.5	1755.0	2039.6	2275.0	2606.9
-30°	688.9	748.0	817.7	896.6	997.9	1112.1	1239.5	1389.7	1544.6	1694.4	1875.1
-32.5°	650.8	696.1	750.1	812.7	876.4	959.5	1037.2	1138.1	1225.4	1320.7	1416.7
-35°	613.8	651.8	693.0	740.4	789.9	844.8	899.7	963.1	1017.7	1077.7	1130.0
-37.5°	582.6	611.0	644.4	679.5	719.4	757.6	797.7	837.2	871.6	912.2	943.2
-40°	554.3	577.1	602.5	628.7	659.5	687.5	718.2	744.6	768.4	793.7	813.7
-42.5°	527.9	547.7	567.2	588.6	609.5	630.6	653.5	674.0	689.7	704.5	716.5
-45°	503.2	520.6	536.8	554.0	569.3	585.5	600.7	613.6	627.0	637.1	644.0
-47.5°	480.9	496.1	510.9	524.3	535.6	548.0	559.1	568.5	577.7	585.2	590.3
-50°	458.8	473.1	486.6	498.6	508.1	516.6	524.3	530.9	537.2	542.2	545.8
-52.5°	436.3	449.6	462.2	473.3	482.5	490.1	496.2	501.8	506.1	509.0	510.3
-55°	415.0	427.1	437.8	448.3	457.6	465.6	471.9	476.4	480.2	483.2	484.2
-57.5°	391.3	404.4	416.0	423.6	432.0	440.8	446.7	450.0	453.2	455.8	457.0
-60°	364.1	377.0	386.9	394.7	402.4	409.8	414.8	418.8	421.9	424.2	425.7
-62.5°	332.3	342.4	351.3	359.4	367.3	373.8	377.9	381.6	384.7	387.3	389.3
-65°	295.3	306.1	313.1	319.3	324.7	330.5	336.4	340.8	343.7	345.5	346.7
-67.5°	257.0	267.5	274.8	280.4	284.8	289.4	294.7	299.4	303.3	305.9	307.2
-70°	219.7	228.9	236.0	242.2	247.4	251.7	255.8	259.2	262.1	264.2	265.7
-72.5°	183.0	192.3	199.7	205.8	211.2	215.3	218.7	221.5	223.9	224.8	225.0
-75°	145.6	153.1	161.4	168.7	175.0	178.9	181.5	183.8	185.6	186.1	185.9
-77.5°	113.5	119.3	125.4	131.4	137.2	140.6	143.0	145.0	146.6	147.0	146.7
-80°	84.4	88.2	92.0	95.7	99.4	101.6	103.3	104.5	105.3	105.7	105.8
-82.5°	58.0	60.3	62.4	64.3	66.1	67.7	69.2	70.5	71.6	71.5	71.2
-85°	34.4	35.7	36.9	38.0	39.0	40.0	40.8	41.6	42.2	41.7	41.0
-87.5°	14.4	14.8	15.2	15.6	16.0	16.3	16.5	16.8	17.0	16.1	15.2
-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: P627379 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4C-727-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°	14.2	13.2	13.2	13.2	13.2	13.2	14.2	15.2	16.1	17.0	16.8
85°	40.3	39.4	39.5	39.6	39.5	39.4	40.3	41.0	41.7	42.2	41.6
82.5°	70.7	70.1	70.3	70.4	70.3	70.1	70.7	71.2	71.5	71.6	70.5
80°	105.6	105.2	103.4	101.3	103.4	105.2	105.6	105.8	105.7	105.3	104.5
77.5°	145.9	144.6	143.0	140.9	143.0	144.6	145.9	146.7	147.0	146.6	145.0
75°	185.3	184.1	184.7	184.9	184.7	184.1	185.3	185.9	186.1	185.6	183.8
72.5°	224.6	223.6	224.2	224.5	224.2	223.6	224.6	225.0	224.8	223.9	221.5
70°	266.8	267.2	266.1	264.1	266.1	267.2	266.8	265.7	264.2	262.1	259.2
67.5°	307.6	307.1	305.8	303.8	305.8	307.1	307.6	307.2	305.9	303.3	299.4
65°	347.1	346.6	347.4	347.8	347.4	346.6	347.1	346.7	345.5	343.7	340.8
62.5°	390.3	390.4	389.4	387.4	389.4	390.4	390.3	389.3	387.3	384.7	381.6
60°	426.2	425.9	424.7	422.6	424.7	425.9	426.2	425.7	424.2	421.9	418.8
57.5°	457.4	456.9	455.6	453.4	455.6	456.9	457.4	457.0	455.8	453.2	450.0
55°	484.3	483.6	482.2	479.9	482.2	483.6	484.3	484.2	483.2	480.2	476.4
52.5°	510.6	510.1	510.2	510.7	510.2	510.1	510.6	510.3	509.0	506.1	501.8
50°	548.0	548.7	548.1	545.9	548.1	548.7	548.0	545.8	542.2	537.2	530.9
47.5°	592.8	593.1	592.0	589.9	592.0	593.1	592.8	590.3	585.2	577.7	568.5
45°	649.3	652.5	653.3	651.5	653.3	652.5	649.3	644.0	637.1	627.0	613.6
42.5°	725.7	730.7	732.2	730.8	732.2	730.7	725.7	716.5	704.5	689.7	674.0
40°	826.1	831.7	832.8	832.0	832.8	831.7	826.1	813.7	793.7	768.4	744.6
37.5°	964.9	978.8	985.3	986.1	985.3	978.8	964.9	943.2	912.2	871.6	837.2
35°	1169.9	1197.6	1212.4	1219.5	1212.4	1197.6	1169.9	1130.0	1077.7	1017.7	963.1
32.5°	1489.4	1544.8	1575.4	1571.6	1575.4	1544.8	1489.4	1416.7	1320.7	1225.4	1138.1
30°	2011.4	2108.1	2156.9	2143.9	2156.9	2108.1	2011.4	1875.1	1694.4	1544.6	1389.7
27.5°	2845.3	3020.3	3121.4	3108.1	3121.4	3020.3	2845.3	2606.9	2275.0	2039.6	1755.0
25°	4189.0	4508.3	4712.8	4662.1	4712.8	4508.3	4189.0	3757.6	3241.6	2801.7	2301.0
22.5°	6233.0	6774.0	7132.0	7087.8	7132.0	6774.0	6233.0	5485.2	4705.2	3921.0	3182.4
20°	9036.8	9860.2	10448.1	10526.0	10448.1	9860.2	9036.8	7875.0	6729.3	5435.4	4380.2
17.5°	12712.2	14017.7	14926.5	15078.1	14926.5	14017.7	12712.2	10927.9	9276.2	7415.7	5778.7
15°	17488.8	19622.5	21166.7	21294.2	21166.7	19622.5	17488.8	14870.0	12335.1	9836.5	7376.5
12.5°	23974.7	28266.2	31067.0	32300.1	31067.0	28266.2	23974.7	19873.4	15787.9	12322.2	9249.9
10°	32950.8	42808.2	49121.1	51494.4	49121.1	42808.2	32950.8	26311.4	19984.6	14998.4	11033.6
7.5°	47943.6	63420.1	80625.9	87959.1	80625.9	63420.1	47943.6	33292.0	24609.0	18024.6	12986.7
5°	64921.8	97041.8	127593.6	139524.0	127593.6	97041.8	64921.8	44465.9	29762.3	20449.9	14372.0
2.5°	82787.3	127557.8	169511.2	185918.3	169511.2	127557.8	82787.3	51652.7	32947.2	22021.7	15419.6
0°	89764.1	140919.5	187078.3	205475.7	187078.3	140919.5	89764.1	52916.4	33691.3	22725.0	15896.9
-2.5°	82787.3	127557.8	169511.2	185918.3	169511.2	127557.8	82787.3	51652.7	32947.2	22021.7	15419.6
-5°	64921.8	97041.8	127593.6	139524.0	127593.6	97041.8	64921.8	44465.9	29762.3	20449.9	14372.0
-7.5°	47943.6	63420.1	80625.9	87959.1	80625.9	63420.1	47943.6	33292.0	24609.0	18024.6	12986.7
-10°	32950.8	42808.2	49121.1	51494.4	49121.1	42808.2	32950.8	26311.4	19984.6	14998.4	11033.6
-12.5°	23974.7	28266.2	31067.0	32300.1	31067.0	28266.2	23974.7	19873.4	15787.9	12322.2	9249.9
-15°	17488.8	19622.5	21166.7	21294.2	21166.7	19622.5	17488.8	14870.0	12335.1	9836.5	7376.5
-17.5°	12712.2	14017.7	14926.5	15078.1	14926.5	14017.7	12712.2	10927.9	9276.2	7415.7	5778.7
-20°	9036.8	9860.2	10448.1	10526.0	10448.1	9860.2	9036.8	7875.0	6729.3	5435.4	4380.2

Classified

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627379 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-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°	6233.0	6774.0	7132.0	7087.8	7132.0	6774.0	6233.0	5485.2	4705.2	3921.0	3182.4
-25°	4189.0	4508.3	4712.8	4662.1	4712.8	4508.3	4189.0	3757.6	3241.6	2801.7	2301.0
-27.5°	2845.3	3020.3	3121.4	3108.1	3121.4	3020.3	2845.3	2606.9	2275.0	2039.6	1755.0
-30°	2011.4	2108.1	2156.9	2143.9	2156.9	2108.1	2011.4	1875.1	1694.4	1544.6	1389.7
-32.5°	1489.4	1544.8	1575.4	1571.6	1575.4	1544.8	1489.4	1416.7	1320.7	1225.4	1138.1
-35°	1169.9	1197.6	1212.4	1219.5	1212.4	1197.6	1169.9	1130.0	1077.7	1017.7	963.1
-37.5°	964.9	978.8	985.3	986.1	985.3	978.8	964.9	943.2	912.2	871.6	837.2
-40°	826.1	831.7	832.8	832.0	832.8	831.7	826.1	813.7	793.7	768.4	744.6
-42.5°	725.7	730.7	732.2	730.8	732.2	730.7	725.7	716.5	704.5	689.7	674.0
-45°	649.3	652.5	653.3	651.5	653.3	652.5	649.3	644.0	637.1	627.0	613.6
-47.5°	592.8	593.1	592.0	589.9	592.0	593.1	592.8	590.3	585.2	577.7	568.5
-50°	548.0	548.7	548.1	545.9	548.1	548.7	548.0	545.8	542.2	537.2	530.9
-52.5°	510.6	510.1	510.2	510.7	510.2	510.1	510.6	510.3	509.0	506.1	501.8
-55°	484.3	483.6	482.2	479.9	482.2	483.6	484.3	484.2	483.2	480.2	476.4
-57.5°	457.4	456.9	455.6	453.4	455.6	456.9	457.4	457.0	455.8	453.2	450.0
-60°	426.2	425.9	424.7	422.6	424.7	425.9	426.2	425.7	424.2	421.9	418.8
-62.5°	390.3	390.4	389.4	387.4	389.4	390.4	390.3	389.3	387.3	384.7	381.6
-65°	347.1	346.6	347.4	347.8	347.4	346.6	347.1	346.7	345.5	343.7	340.8
-67.5°	307.6	307.1	305.8	303.8	305.8	307.1	307.6	307.2	305.9	303.3	299.4
-70°	266.8	267.2	266.1	264.1	266.1	267.2	266.8	265.7	264.2	262.1	259.2
-72.5°	224.6	223.6	224.2	224.5	224.2	223.6	224.6	225.0	224.8	223.9	221.5
-75°	185.3	184.1	184.7	184.9	184.7	184.1	185.3	185.9	186.1	185.6	183.8
-77.5°	145.9	144.6	143.0	140.9	143.0	144.6	145.9	146.7	147.0	146.6	145.0
-80°	105.6	105.2	103.4	101.3	103.4	105.2	105.6	105.8	105.7	105.3	104.5
-82.5°	70.7	70.1	70.3	70.4	70.3	70.1	70.7	71.2	71.5	71.6	70.5
-85°	40.3	39.4	39.5	39.6	39.5	39.4	40.3	41.0	41.7	42.2	41.6
-87.5°	14.2	13.2	13.2	13.2	13.2	13.2	14.2	15.2	16.1	17.0	16.8
-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: P627379 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	16.5	16.3	16.0	15.6	15.2	14.8	14.4	14.0	13.5	13.0	12.4
85°	40.8	40.0	39.0	38.0	36.9	35.7	34.4	32.4	30.4	28.5	26.7
82.5°	69.2	67.7	66.1	64.3	62.4	60.3	58.0	54.9	51.5	47.7	43.9
80°	103.3	101.6	99.4	95.7	92.0	88.2	84.4	80.7	76.8	72.8	68.5
77.5°	143.0	140.6	137.2	131.4	125.4	119.3	113.5	108.5	103.7	98.6	93.2
75°	181.5	178.9	175.0	168.7	161.4	153.1	145.6	139.4	132.8	126.0	118.7
72.5°	218.7	215.3	211.2	205.8	199.7	192.3	183.0	173.2	163.7	154.7	146.2
70°	255.8	251.7	247.4	242.2	236.0	228.9	219.7	208.6	195.9	183.6	174.3
67.5°	294.7	289.4	284.8	280.4	274.8	267.5	257.0	245.5	233.0	218.7	205.5
65°	336.4	330.5	324.7	319.3	313.1	306.1	295.3	282.6	269.1	254.8	239.8
62.5°	377.9	373.8	367.3	359.4	351.3	342.4	332.3	319.9	305.3	288.7	272.3
60°	414.8	409.8	402.4	394.7	386.9	377.0	364.1	352.7	342.9	324.1	304.5
57.5°	446.7	440.8	432.0	423.6	416.0	404.4	391.3	378.3	365.6	352.7	335.8
55°	471.9	465.6	457.6	448.3	437.8	427.1	415.0	401.2	387.7	375.8	360.3
52.5°	496.2	490.1	482.5	473.3	462.2	449.6	436.3	422.6	410.0	397.8	383.8
50°	524.3	516.6	508.1	498.6	486.6	473.1	458.8	444.0	431.0	418.5	405.3
47.5°	559.1	548.0	535.6	524.3	510.9	496.1	480.9	466.1	451.8	437.1	423.8
45°	600.7	585.5	569.3	554.0	536.8	520.6	503.2	487.7	472.5	456.6	440.1
42.5°	653.5	630.6	609.5	588.6	567.2	547.7	527.9	509.8	492.7	475.8	458.0
40°	718.2	687.5	659.5	628.7	602.5	577.1	554.3	531.7	512.7	494.3	474.8
37.5°	797.7	757.6	719.4	679.5	644.4	611.0	582.6	556.6	531.8	511.7	491.1
35°	899.7	844.8	789.9	740.4	693.0	651.8	613.8	582.6	554.3	528.4	506.8
32.5°	1037.2	959.5	876.4	812.7	750.1	696.1	650.8	611.0	577.1	547.7	521.7
30°	1239.5	1112.1	997.9	896.6	817.7	748.0	688.9	642.9	602.5	567.2	536.8
27.5°	1529.5	1310.5	1156.0	1007.0	891.8	807.3	736.0	675.6	628.2	588.6	553.7
25°	1940.6	1608.2	1340.1	1145.6	989.0	868.9	784.9	715.0	657.0	609.2	567.3
22.5°	2504.1	2000.8	1589.3	1294.3	1101.0	951.7	838.2	753.8	683.2	627.3	581.7
20°	3333.1	2469.0	1911.6	1506.9	1226.7	1031.0	893.8	794.4	712.8	646.1	594.2
17.5°	4316.9	3118.1	2264.4	1724.2	1373.8	1132.7	958.1	831.8	739.6	662.5	604.5
15°	5365.5	3853.8	2757.4	2014.5	1524.3	1219.8	1011.6	864.9	765.2	680.6	617.2
12.5°	6704.6	4646.9	3189.9	2256.7	1672.2	1314.7	1073.8	906.8	790.4	700.0	630.4
10°	7971.3	5474.1	3716.1	2575.7	1852.2	1407.8	1129.0	939.0	809.9	715.4	641.2
7.5°	9168.2	6269.4	4171.1	2818.6	1991.2	1481.8	1169.9	962.3	823.7	726.3	649.4
5°	10045.3	6861.2	4527.3	3005.9	2089.5	1535.4	1196.5	976.7	832.0	732.6	655.0
2.5°	10712.6	7253.4	4743.8	3115.8	2145.6	1567.1	1212.4	987.8	840.0	737.8	661.2
0°	11019.1	7404.8	4816.2	3174.1	2179.2	1576.0	1219.5	994.9	845.3	739.6	664.8
-2.5°	10712.6	7253.4	4743.8	3115.8	2145.6	1567.1	1212.4	987.8	840.0	737.8	661.2
-5°	10045.3	6861.2	4527.3	3005.9	2089.5	1535.4	1196.5	976.7	832.0	732.6	655.0
-7.5°	9168.2	6269.4	4171.1	2818.6	1991.2	1481.8	1169.9	962.3	823.7	726.3	649.4
-10°	7971.3	5474.1	3716.1	2575.7	1852.2	1407.8	1129.0	939.0	809.9	715.4	641.2
-12.5°	6704.6	4646.9	3189.9	2256.7	1672.2	1314.7	1073.8	906.8	790.4	700.0	630.4
-15°	5365.5	3853.8	2757.4	2014.5	1524.3	1219.8	1011.6	864.9	765.2	680.6	617.2
-17.5°	4316.9	3118.1	2264.4	1724.2	1373.8	1132.7	958.1	831.8	739.6	662.5	604.5
-20°	3333.1	2469.0	1911.6	1506.9	1226.7	1031.0	893.8	794.4	712.8	646.1	594.2

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REPORT NUMBER: P627379 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4C-727-U-NR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	2504.1	2000.8	1589.3	1294.3	1101.0	951.7	838.2	753.8	683.2	627.3	581.7
-25°	1940.6	1608.2	1340.1	1145.6	989.0	868.9	784.9	715.0	657.0	609.2	567.3
-27.5°	1529.5	1310.5	1156.0	1007.0	891.8	807.3	736.0	675.6	628.2	588.6	553.7
-30°	1239.5	1112.1	997.9	896.6	817.7	748.0	688.9	642.9	602.5	567.2	536.8
-32.5°	1037.2	959.5	876.4	812.7	750.1	696.1	650.8	611.0	577.1	547.7	521.7
-35°	899.7	844.8	789.9	740.4	693.0	651.8	613.8	582.6	554.3	528.4	506.8
-37.5°	797.7	757.6	719.4	679.5	644.4	611.0	582.6	556.6	531.8	511.7	491.1
-40°	718.2	687.5	659.5	628.7	602.5	577.1	554.3	531.7	512.7	494.3	474.8
-42.5°	653.5	630.6	609.5	588.6	567.2	547.7	527.9	509.8	492.7	475.8	458.0
-45°	600.7	585.5	569.3	554.0	536.8	520.6	503.2	487.7	472.5	456.6	440.1
-47.5°	559.1	548.0	535.6	524.3	510.9	496.1	480.9	466.1	451.8	437.1	423.8
-50°	524.3	516.6	508.1	498.6	486.6	473.1	458.8	444.0	431.0	418.5	405.3
-52.5°	496.2	490.1	482.5	473.3	462.2	449.6	436.3	422.6	410.0	397.8	383.8
-55°	471.9	465.6	457.6	448.3	437.8	427.1	415.0	401.2	387.7	375.8	360.3
-57.5°	446.7	440.8	432.0	423.6	416.0	404.4	391.3	378.3	365.6	352.7	335.8
-60°	414.8	409.8	402.4	394.7	386.9	377.0	364.1	352.7	342.9	324.1	304.5
-62.5°	377.9	373.8	367.3	359.4	351.3	342.4	332.3	319.9	305.3	288.7	272.3
-65°	336.4	330.5	324.7	319.3	313.1	306.1	295.3	282.6	269.1	254.8	239.8
-67.5°	294.7	289.4	284.8	280.4	274.8	267.5	257.0	245.5	233.0	218.7	205.5
-70°	255.8	251.7	247.4	242.2	236.0	228.9	219.7	208.6	195.9	183.6	174.3
-72.5°	218.7	215.3	211.2	205.8	199.7	192.3	183.0	173.2	163.7	154.7	146.2
-75°	181.5	178.9	175.0	168.7	161.4	153.1	145.6	139.4	132.8	126.0	118.7
-77.5°	143.0	140.6	137.2	131.4	125.4	119.3	113.5	108.5	103.7	98.6	93.2
-80°	103.3	101.6	99.4	95.7	92.0	88.2	84.4	80.7	76.8	72.8	68.5
-82.5°	69.2	67.7	66.1	64.3	62.4	60.3	58.0	54.9	51.5	47.7	43.9
-85°	40.8	40.0	39.0	38.0	36.9	35.7	34.4	32.4	30.4	28.5	26.7
-87.5°	16.5	16.3	16.0	15.6	15.2	14.8	14.4	14.0	13.5	13.0	12.4
-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: P627379 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	11.9	11.3	10.7	10.1	9.5	8.8	8.1	7.4	6.7	6.0	5.3
85°	25.7	24.5	23.1	21.5	19.5	17.6	16.2	14.9	13.5	12.0	10.6
82.5°	41.6	40.1	38.5	36.5	33.7	30.7	27.7	24.6	21.4	18.2	15.8
80°	64.5	60.5	56.6	52.8	48.4	43.8	39.8	35.6	31.4	27.2	22.8
77.5°	87.6	81.8	75.8	70.3	64.7	58.9	53.1	47.1	41.4	36.0	30.6
75°	111.2	104.1	96.9	89.4	81.8	74.0	67.0	59.8	52.4	45.0	38.3
72.5°	137.4	128.2	118.8	109.1	100.2	91.0	81.6	72.3	63.8	55.1	46.3
70°	164.6	153.3	142.1	131.3	119.9	107.9	97.2	86.2	75.1	65.2	55.1
67.5°	193.2	181.7	168.4	154.0	141.1	127.7	113.2	100.3	87.8	75.1	63.8
65°	224.6	210.1	196.3	179.7	163.4	147.8	132.1	115.1	100.3	86.2	72.3
62.5°	255.2	237.8	221.3	204.2	186.4	168.4	150.7	131.6	113.1	97.2	81.6
60°	285.6	266.3	245.7	226.3	207.7	188.8	168.6	147.6	127.3	107.9	91.0
57.5°	314.4	294.2	270.9	248.2	227.3	207.4	185.9	163.2	141.0	119.6	100.1
55°	341.2	318.7	294.5	269.8	246.4	224.6	202.2	178.1	154.3	131.3	108.9
52.5°	365.9	342.4	316.6	290.4	264.7	241.0	217.4	192.4	167.0	142.4	118.4
50°	389.0	365.9	338.4	310.4	282.3	257.2	232.4	206.2	179.2	153.1	127.6
47.5°	408.8	387.0	360.5	330.1	300.2	273.1	247.1	219.7	190.8	163.3	136.5
45°	425.1	406.5	381.0	350.5	318.4	289.7	261.6	232.8	202.6	173.1	145.1
42.5°	440.2	422.9	399.9	370.4	337.1	306.1	275.7	245.6	214.1	182.5	153.3
40°	455.7	437.2	417.4	387.7	354.6	321.8	289.9	258.1	225.3	191.8	161.1
37.5°	470.1	450.9	430.8	403.8	370.4	336.5	303.6	270.1	235.6	201.0	168.5
35°	484.7	463.3	442.4	416.4	384.1	349.9	316.5	281.8	245.4	209.5	175.5
32.5°	498.6	474.7	452.2	426.7	396.6	362.0	328.1	291.9	254.5	217.4	182.0
30°	511.4	485.4	461.6	436.7	407.3	372.5	337.9	301.1	263.0	224.6	188.2
27.5°	521.6	494.2	470.6	445.3	415.8	382.0	346.5	309.3	270.9	231.3	194.1
25°	531.7	502.4	477.7	453.1	423.8	391.6	354.5	316.7	277.8	237.6	199.3
22.5°	543.0	510.0	483.3	460.5	431.9	400.8	362.0	323.0	283.7	243.3	204.0
20°	552.9	516.6	487.5	466.3	438.5	407.6	369.3	328.7	288.9	248.3	208.1
17.5°	561.7	523.7	493.0	469.8	443.6	413.5	375.9	333.8	293.2	252.7	211.6
15°	570.8	531.0	497.9	472.6	447.7	418.4	382.0	338.2	296.7	256.4	214.7
12.5°	578.9	537.1	501.8	474.7	450.8	422.4	387.3	341.8	299.4	259.5	217.6
10°	585.7	541.7	504.8	476.2	453.0	425.5	391.9	345.3	302.4	261.9	220.0
7.5°	591.0	544.9	506.7	477.1	454.5	427.9	395.8	349.4	304.8	263.5	221.9
5°	594.8	547.5	509.7	479.8	456.3	429.9	398.5	352.7	306.7	264.4	223.3
2.5°	597.7	549.6	512.9	482.4	457.4	431.0	400.1	355.1	307.8	264.6	224.2
0°	598.7	550.3	515.1	484.3	457.8	431.4	400.6	356.6	308.2	264.1	224.5
-2.5°	597.7	549.6	512.9	482.4	457.4	431.0	400.1	355.1	307.8	264.6	224.2
-5°	594.8	547.5	509.7	479.8	456.3	429.9	398.5	352.7	306.7	264.4	223.3
-7.5°	591.0	544.9	506.7	477.1	454.5	427.9	395.8	349.4	304.8	263.5	221.9
-10°	585.7	541.7	504.8	476.2	453.0	425.5	391.9	345.3	302.4	261.9	220.0
-12.5°	578.9	537.1	501.8	474.7	450.8	422.4	387.3	341.8	299.4	259.5	217.6
-15°	570.8	531.0	497.9	472.6	447.7	418.4	382.0	338.2	296.7	256.4	214.7
-17.5°	561.7	523.7	493.0	469.8	443.6	413.5	375.9	333.8	293.2	252.7	211.6
-20°	552.9	516.6	487.5	466.3	438.5	407.6	369.3	328.7	288.9	248.3	208.1

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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°	543.0	510.0	483.3	460.5	431.9	400.8	362.0	323.0	283.7	243.3	204.0
-25°	531.7	502.4	477.7	453.1	423.8	391.6	354.5	316.7	277.8	237.6	199.3
-27.5°	521.6	494.2	470.6	445.3	415.8	382.0	346.5	309.3	270.9	231.3	194.1
-30°	511.4	485.4	461.6	436.7	407.3	372.5	337.9	301.1	263.0	224.6	188.2
-32.5°	498.6	474.7	452.2	426.7	396.6	362.0	328.1	291.9	254.5	217.4	182.0
-35°	484.7	463.3	442.4	416.4	384.1	349.9	316.5	281.8	245.4	209.5	175.5
-37.5°	470.1	450.9	430.8	403.8	370.4	336.5	303.6	270.1	235.6	201.0	168.5
-40°	455.7	437.2	417.4	387.7	354.6	321.8	289.9	258.1	225.3	191.8	161.1
-42.5°	440.2	422.9	399.9	370.4	337.1	306.1	275.7	245.6	214.1	182.5	153.3
-45°	425.1	406.5	381.0	350.5	318.4	289.7	261.6	232.8	202.6	173.1	145.1
-47.5°	408.8	387.0	360.5	330.1	300.2	273.1	247.1	219.7	190.8	163.3	136.5
-50°	389.0	365.9	338.4	310.4	282.3	257.2	232.4	206.2	179.2	153.1	127.6
-52.5°	365.9	342.4	316.6	290.4	264.7	241.0	217.4	192.4	167.0	142.4	118.4
-55°	341.2	318.7	294.5	269.8	246.4	224.6	202.2	178.1	154.3	131.3	108.9
-57.5°	314.4	294.2	270.9	248.2	227.3	207.4	185.9	163.2	141.0	119.6	100.1
-60°	285.6	266.3	245.7	226.3	207.7	188.8	168.6	147.6	127.3	107.9	91.0
-62.5°	255.2	237.8	221.3	204.2	186.4	168.4	150.7	131.6	113.1	97.2	81.6
-65°	224.6	210.1	196.3	179.7	163.4	147.8	132.1	115.1	100.3	86.2	72.3
-67.5°	193.2	181.7	168.4	154.0	141.1	127.7	113.2	100.3	87.8	75.1	63.8
-70°	164.6	153.3	142.1	131.3	119.9	107.9	97.2	86.2	75.1	65.2	55.1
-72.5°	137.4	128.2	118.8	109.1	100.2	91.0	81.6	72.3	63.8	55.1	46.3
-75°	111.2	104.1	96.9	89.4	81.8	74.0	67.0	59.8	52.4	45.0	38.3
-77.5°	87.6	81.8	75.8	70.3	64.7	58.9	53.1	47.1	41.4	36.0	30.6
-80°	64.5	60.5	56.6	52.8	48.4	43.8	39.8	35.6	31.4	27.2	22.8
-82.5°	41.6	40.1	38.5	36.5	33.7	30.7	27.7	24.6	21.4	18.2	15.8
-85°	25.7	24.5	23.1	21.5	19.5	17.6	16.2	14.9	13.5	12.0	10.6
-87.5°	11.9	11.3	10.7	10.1	9.5	8.8	8.1	7.4	6.7	6.0	5.3
-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°	4.6	3.8	3.1	2.3	1.5	0.7	0.0
85°	9.1	7.6	6.1	4.6	3.1	1.3	0.0
82.5°	13.6	11.4	9.1	6.9	4.6	2.0	0.0
80°	18.4	15.2	12.2	9.1	6.1	2.7	0.0
77.5°	25.1	19.5	15.2	11.4	7.6	3.3	0.0
75°	31.6	24.7	18.3	13.6	9.0	4.0	0.0
72.5°	38.1	29.9	22.3	15.8	10.5	4.6	0.0
70°	44.6	35.0	26.3	18.1	11.8	5.2	0.0
67.5°	51.9	40.0	30.1	20.9	13.2	5.8	0.0
65°	59.2	45.5	33.9	23.6	14.5	6.4	0.0
62.5°	66.2	51.4	37.5	26.3	15.8	7.0	0.0
60°	73.2	57.1	41.0	28.9	17.0	7.6	0.0
57.5°	80.8	62.7	45.5	31.3	18.6	8.1	0.0
55°	88.3	68.2	49.8	33.7	20.1	8.6	0.0
52.5°	95.6	73.6	54.1	36.1	21.7	9.1	0.0
50°	102.6	79.5	58.1	38.3	23.1	9.6	0.0
47.5°	109.5	85.1	62.1	40.6	24.6	10.0	0.0
45°	116.9	90.5	65.8	43.4	25.9	10.4	0.0
42.5°	123.9	95.7	69.4	46.1	27.3	10.8	0.0
40°	130.5	100.6	73.1	48.7	28.6	11.2	0.0
37.5°	136.9	105.3	76.8	51.2	29.8	11.5	0.0
35°	142.8	110.1	80.3	53.6	30.9	11.8	0.0
32.5°	148.4	114.7	83.6	55.9	32.1	12.1	0.0
30°	153.6	119.0	86.6	58.0	33.1	12.4	0.0
27.5°	158.4	123.0	89.6	59.9	34.1	12.6	0.0
25°	162.8	126.6	92.4	61.7	35.0	12.8	0.0
22.5°	166.8	129.9	94.9	63.3	35.8	13.0	0.0
20°	170.4	132.8	97.1	64.8	36.6	13.1	0.0
17.5°	173.3	135.2	99.1	66.1	37.3	13.2	0.0
15°	175.7	137.2	100.8	67.2	37.9	13.3	0.0
12.5°	177.7	138.8	102.3	68.2	38.4	13.4	0.0
10°	179.2	140.0	103.5	69.0	38.8	13.4	0.0
7.5°	180.2	140.8	104.5	69.6	39.2	13.4	0.0
5°	180.8	141.2	105.2	70.0	39.4	13.3	0.0
2.5°	180.9	141.2	105.6	70.3	39.5	13.3	0.0
0°	180.5	140.9	105.7	70.4	39.6	13.2	0.0
-2.5°	180.9	141.2	105.6	70.3	39.5	13.3	0.0
-5°	180.8	141.2	105.2	70.0	39.4	13.3	0.0
-7.5°	180.2	140.8	104.5	69.6	39.2	13.4	0.0
-10°	179.2	140.0	103.5	69.0	38.8	13.4	0.0
-12.5°	177.7	138.8	102.3	68.2	38.4	13.4	0.0
-15°	175.7	137.2	100.8	67.2	37.9	13.3	0.0
-17.5°	173.3	135.2	99.1	66.1	37.3	13.2	0.0
-20°	170.4	132.8	97.1	64.8	36.6	13.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	166.8	129.9	94.9	63.3	35.8	13.0	0.0
-25°	162.8	126.6	92.4	61.7	35.0	12.8	0.0
-27.5°	158.4	123.0	89.6	59.9	34.1	12.6	0.0
-30°	153.6	119.0	86.6	58.0	33.1	12.4	0.0
-32.5°	148.4	114.7	83.6	55.9	32.1	12.1	0.0
-35°	142.8	110.1	80.3	53.6	30.9	11.8	0.0
-37.5°	136.9	105.3	76.8	51.2	29.8	11.5	0.0
-40°	130.5	100.6	73.1	48.7	28.6	11.2	0.0
-42.5°	123.9	95.7	69.4	46.1	27.3	10.8	0.0
-45°	116.9	90.5	65.8	43.4	25.9	10.4	0.0
-47.5°	109.5	85.1	62.1	40.6	24.6	10.0	0.0
-50°	102.6	79.5	58.1	38.3	23.1	9.6	0.0
-52.5°	95.6	73.6	54.1	36.1	21.7	9.1	0.0
-55°	88.3	68.2	49.8	33.7	20.1	8.6	0.0
-57.5°	80.8	62.7	45.5	31.3	18.6	8.1	0.0
-60°	73.2	57.1	41.0	28.9	17.0	7.6	0.0
-62.5°	66.2	51.4	37.5	26.3	15.8	7.0	0.0
-65°	59.2	45.5	33.9	23.6	14.5	6.4	0.0
-67.5°	51.9	40.0	30.1	20.9	13.2	5.8	0.0
-70°	44.6	35.0	26.3	18.1	11.8	5.2	0.0
-72.5°	38.1	29.9	22.3	15.8	10.5	4.6	0.0
-75°	31.6	24.7	18.3	13.6	9.0	4.0	0.0
-77.5°	25.1	19.5	15.2	11.4	7.6	3.3	0.0
-80°	18.4	15.2	12.2	9.1	6.1	2.7	0.0
-82.5°	13.6	11.4	9.1	6.9	4.6	2.0	0.0
-85°	9.1	7.6	6.1	4.6	3.1	1.3	0.0
-87.5°	4.6	3.8	3.1	2.3	1.5	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)