

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: P627679 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5D-727-U-NR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627679 (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-SA5D-727-U-NR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, NARROW SYMMETRICAL ROUND N111
Light Source: (80) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 33400.6 lumens
Efficiency: N/A
Efficacy: 123.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')

NEMA Type: 3H x 3V
Max Intensity: 314549.3 candela
Max Intensity Angle: 0°H x 0°V

Beam Angle (50%): 13.7°H x 13.6°V
Beam Lumens: 9875.1 lumens
Beam Efficiency: 29.6%

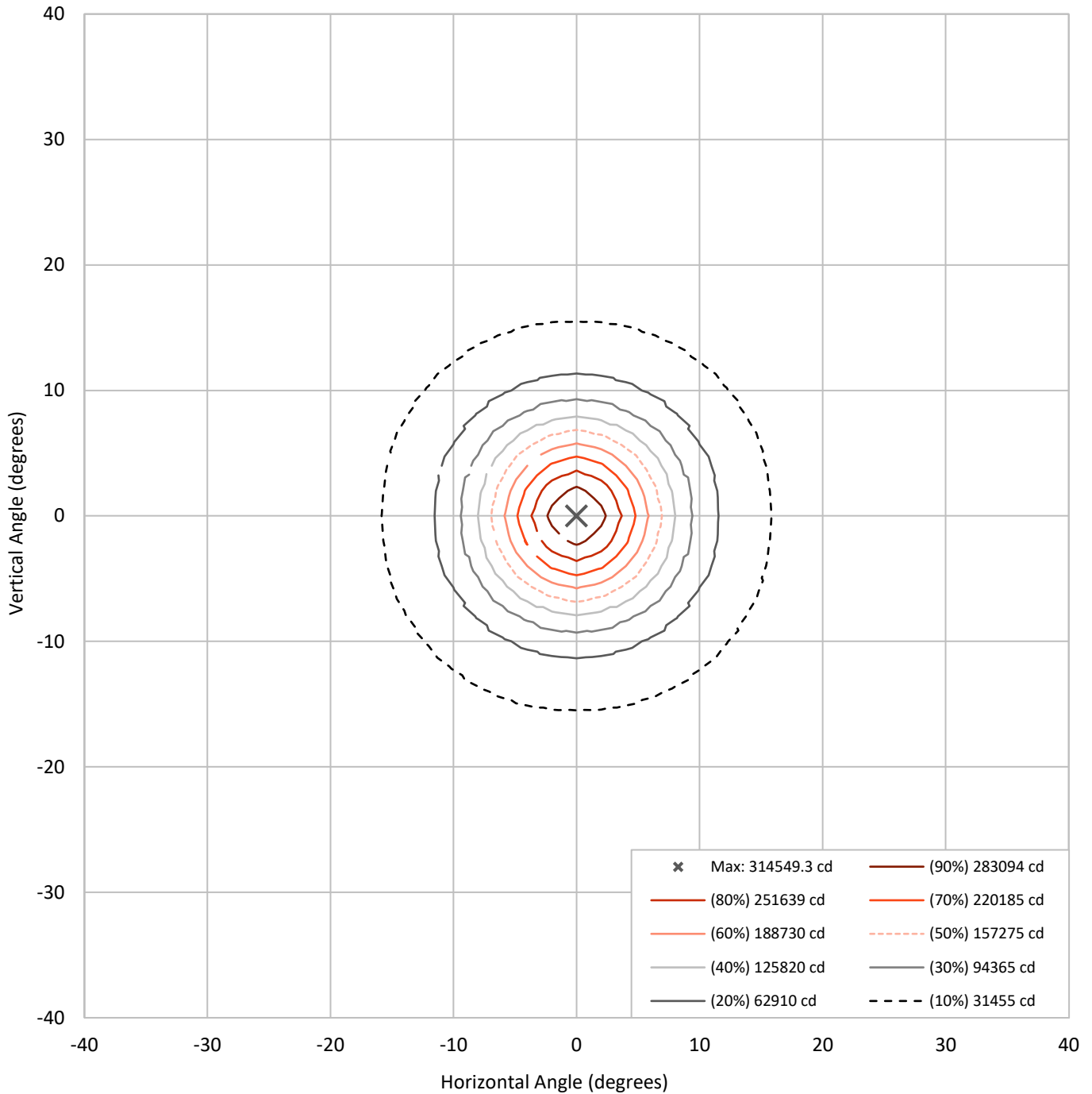
Field Angle (10%): 31.6°H x 30.6°V
Field Lumens: 22222.9 lumens
Field Efficiency: 66.5%

Input Watts (W): 271.3
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	0.6	4.6	12.0	19.4	21.2	19.4	12.0	4.6	0.6							
80	0.6	4.6	12.0	19.4	21.2	19.4	12.0	4.6	0.6							
70	2.1	2.3	4.8	7.9	11.2	13.7	15.4	16.1	16.1	15.4	13.7	11.2	7.9	4.8	2.3	2.1
60		3.6	7.3	11.8	15.8	19.3	21.5	22.5	22.5	21.5	19.3	15.8	11.8	7.3	3.6	
50	3.6	4.6	9.4	14.5	19.3	24.3	28.6	30.8	30.8	28.6	24.3	19.3	14.5	9.4	4.6	3.6
40		5.6	11.0	16.7	23.7	34.2	48.1	59.6	59.6	48.1	34.2	23.7	16.7	11.0	5.6	
30	4.7	6.3	12.1	18.9	30.8	61.0	139.0	230.0	230.0	139.0	61.0	30.8	18.9	12.1	6.3	4.7
20		6.7	12.7	20.8	40.8	129.6	460.1	991.0	991.0	460.1	129.6	40.8	20.8	12.7	6.7	
10	5.1	7.0	13.0	22.1	49.3	213.6	1000.3	4321.1	4321.1	1000.3	213.6	49.3	22.1	13.0	7.0	5.1
0		7.0	13.0	22.1	49.3	213.6	1000.3	4321.1	4321.1	1000.3	213.6	49.3	22.1	13.0	7.0	
-10	4.7	6.7	12.7	20.8	40.8	129.6	460.1	991.0	991.0	460.1	129.6	40.8	20.8	12.7	6.7	4.7
-20		6.3	12.1	18.9	30.8	61.0	139.0	230.0	230.0	139.0	61.0	30.8	18.9	12.1	6.3	
-30	3.6	5.6	11.0	16.7	23.7	34.2	48.1	59.6	59.6	48.1	34.2	23.7	16.7	11.0	5.6	3.6
-40		4.6	9.4	14.5	19.3	24.3	28.6	30.8	30.8	28.6	24.3	19.3	14.5	9.4	4.6	
-50	2.1	3.6	7.3	11.8	15.8	19.3	21.5	22.5	22.5	21.5	19.3	15.8	11.8	7.3	3.6	2.1
-60		2.3	4.8	7.9	11.2	13.7	15.4	16.1	16.1	15.4	13.7	11.2	7.9	4.8	2.3	
-70	0.6	4.6	12.0	19.4	21.2	19.4	12.0	4.6	0.6							
-80		0.6	4.6	12.0	19.4	21.2	19.4	12.0	4.6	0.6						
-90	0.6	4.6	12.0	19.4	21.2	19.4	12.0	4.6	0.6							

Classified

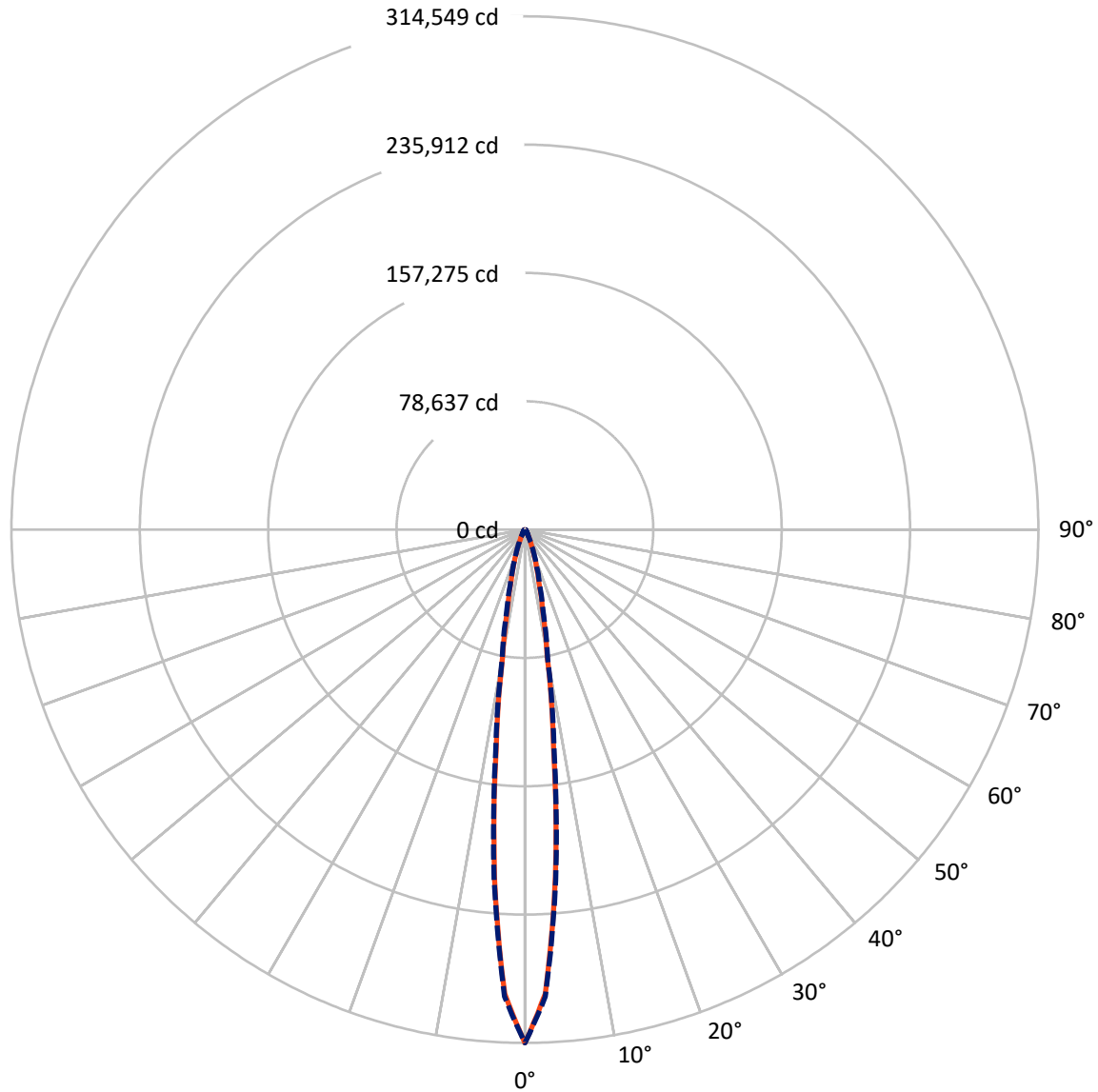
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Luminous Intensity Polar Plot

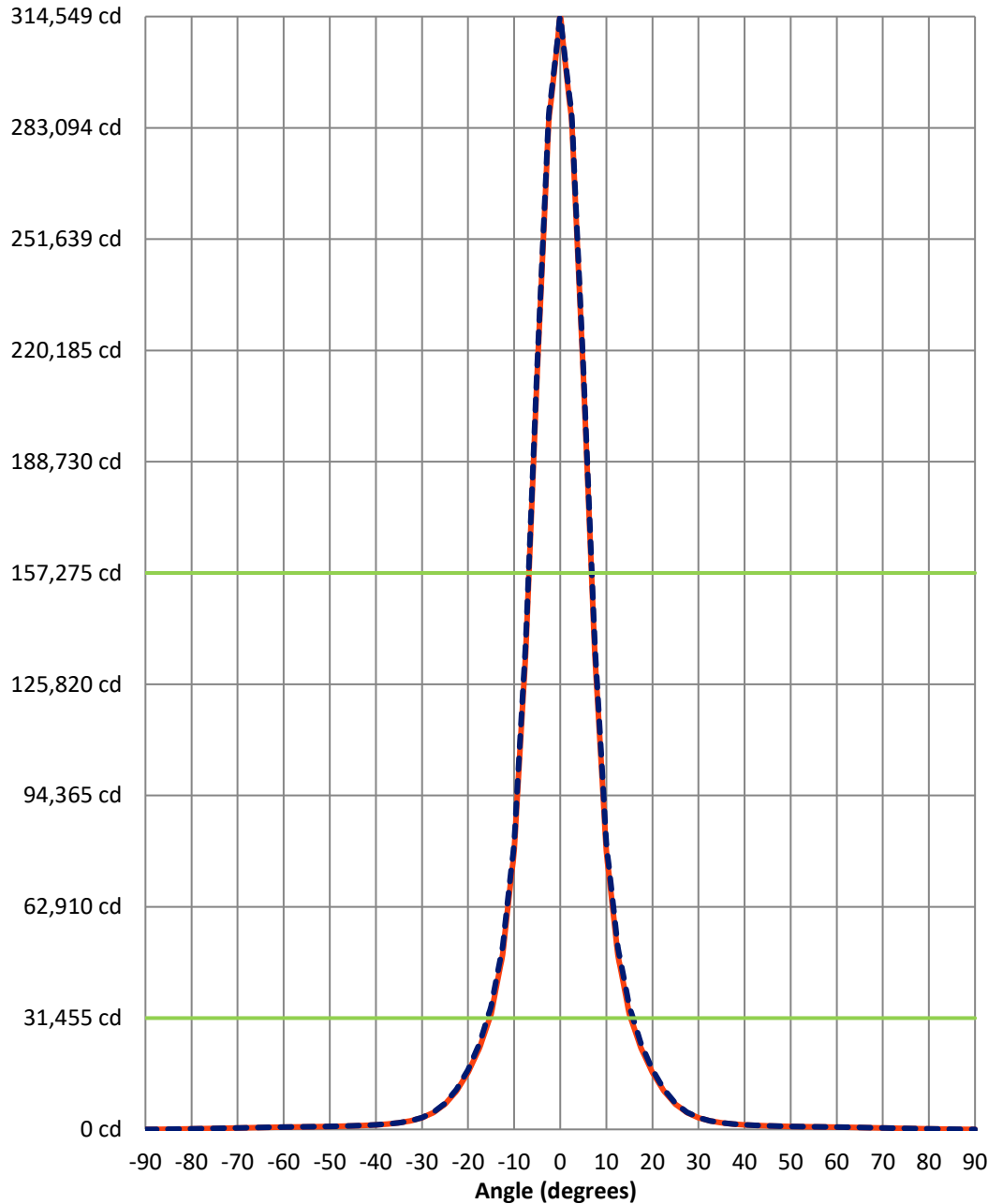


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 13.7°
 V Angle: 13.6°
 Lumens: 9875.1
 Efficiency: 29.6%

Field:
 H Angle: 31.6°
 V Angle: 30.6°
 Lumens: 22222.9
 Efficiency: 66.5%

Spill:
 Lumens: 11177.6
 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	1.0	2.4	3.5	4.7	5.8	7.0	8.1	9.2	10.3	11.4
85°	0.0	2.1	4.7	7.0	9.4	11.7	14.0	16.2	18.4	20.6	22.8
82.5°	0.0	3.1	7.0	10.5	14.0	17.5	20.9	24.3	27.9	32.9	37.7
80°	0.0	4.1	9.3	14.0	18.7	23.3	28.2	35.0	41.6	48.2	54.6
77.5°	0.0	5.1	11.6	17.5	23.3	29.9	38.4	46.9	55.2	63.4	72.1
75°	0.0	6.1	13.8	20.9	28.1	37.9	48.5	58.7	68.9	80.3	91.6
72.5°	0.0	7.0	16.0	24.3	34.2	45.9	58.4	70.9	84.5	97.8	110.8
70°	0.0	8.0	18.2	27.8	40.3	53.7	68.3	84.5	99.8	115.0	132.1
67.5°	0.0	8.9	20.2	32.1	46.2	61.3	79.6	97.8	115.0	134.5	153.6
65°	0.0	9.8	22.3	36.2	51.9	69.6	90.6	110.8	132.1	153.6	176.1
62.5°	0.0	10.7	24.2	40.3	57.5	78.7	101.5	125.0	148.8	173.1	201.4
60°	0.0	11.6	26.1	44.2	62.9	87.5	112.1	139.3	165.2	194.8	226.0
57.5°	0.0	12.4	28.5	48.1	69.7	96.1	123.7	153.3	183.1	215.9	249.8
55°	0.0	13.2	30.9	51.7	76.4	104.4	135.2	166.7	200.9	236.2	272.6
52.5°	0.0	13.9	33.2	55.3	82.8	112.7	146.3	181.1	218.0	255.7	294.6
50°	0.0	14.7	35.5	58.6	89.1	121.7	157.1	195.3	234.4	274.3	315.7
47.5°	0.0	15.3	37.6	62.2	95.1	130.3	167.6	208.9	250.0	292.1	336.3
45°	0.0	16.0	39.8	66.5	100.8	138.6	178.8	222.1	265.0	310.2	356.4
42.5°	0.0	16.6	41.8	70.6	106.3	146.5	189.6	234.6	279.4	327.8	376.1
40°	0.0	17.1	43.8	74.6	111.9	154.0	199.8	246.6	293.6	344.9	395.2
37.5°	0.0	17.7	45.6	78.5	117.6	161.1	209.5	257.9	307.7	360.8	413.6
35°	0.0	18.1	47.4	82.1	122.9	168.4	218.6	268.6	320.8	375.7	431.4
32.5°	0.0	18.6	49.1	85.6	127.9	175.5	227.2	278.7	332.9	389.7	446.9
30°	0.0	19.0	50.7	88.8	132.6	182.1	235.1	288.1	343.9	402.7	460.9
27.5°	0.0	19.3	52.2	91.8	137.1	188.2	242.5	297.1	354.2	414.7	473.5
25°	0.0	19.6	53.6	94.5	141.3	193.8	249.2	305.1	363.8	425.3	484.7
22.5°	0.0	19.9	54.9	97.0	145.1	198.8	255.3	312.3	372.5	434.4	494.4
20°	0.0	20.1	56.1	99.2	148.6	203.2	260.8	318.5	380.2	442.2	503.2
17.5°	0.0	20.2	57.1	101.2	151.6	206.9	265.3	323.9	386.8	448.8	510.9
15°	0.0	20.4	58.1	103.0	154.3	210.0	269.0	328.7	392.5	454.2	517.7
12.5°	0.0	20.4	58.8	104.4	156.5	212.4	271.9	333.1	397.3	458.3	523.2
10°	0.0	20.5	59.5	105.6	158.4	214.3	274.2	336.8	400.9	462.8	528.6
7.5°	0.0	20.5	60.0	106.6	159.8	215.5	275.8	339.7	403.5	466.6	534.8
5°	0.0	20.4	60.4	107.3	160.9	216.1	276.7	341.9	404.8	469.4	539.8
2.5°	0.0	20.3	60.6	107.7	161.5	216.2	276.8	343.2	405.1	471.1	543.6
0°	0.0	20.2	60.7	107.8	161.7	215.7	276.3	343.7	404.4	471.7	545.9
-2.5°	0.0	20.3	60.6	107.7	161.5	216.2	276.8	343.2	405.1	471.1	543.6
-5°	0.0	20.4	60.4	107.3	160.9	216.1	276.7	341.9	404.8	469.4	539.8
-7.5°	0.0	20.5	60.0	106.6	159.8	215.5	275.8	339.7	403.5	466.6	534.8
-10°	0.0	20.5	59.5	105.6	158.4	214.3	274.2	336.8	400.9	462.8	528.6
-12.5°	0.0	20.4	58.8	104.4	156.5	212.4	271.9	333.1	397.3	458.3	523.2
-15°	0.0	20.4	58.1	103.0	154.3	210.0	269.0	328.7	392.5	454.2	517.7
-17.5°	0.0	20.2	57.1	101.2	151.6	206.9	265.3	323.9	386.8	448.8	510.9
-20°	0.0	20.1	56.1	99.2	148.6	203.2	260.8	318.5	380.2	442.2	503.2

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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	19.9	54.9	97.0	145.1	198.8	255.3	312.3	372.5	434.4	494.4
-25°	0.0	19.6	53.6	94.5	141.3	193.8	249.2	305.1	363.8	425.3	484.7
-27.5°	0.0	19.3	52.2	91.8	137.1	188.2	242.5	297.1	354.2	414.7	473.5
-30°	0.0	19.0	50.7	88.8	132.6	182.1	235.1	288.1	343.9	402.7	460.9
-32.5°	0.0	18.6	49.1	85.6	127.9	175.5	227.2	278.7	332.9	389.7	446.9
-35°	0.0	18.1	47.4	82.1	122.9	168.4	218.6	268.6	320.8	375.7	431.4
-37.5°	0.0	17.7	45.6	78.5	117.6	161.1	209.5	257.9	307.7	360.8	413.6
-40°	0.0	17.1	43.8	74.6	111.9	154.0	199.8	246.6	293.6	344.9	395.2
-42.5°	0.0	16.6	41.8	70.6	106.3	146.5	189.6	234.6	279.4	327.8	376.1
-45°	0.0	16.0	39.8	66.5	100.8	138.6	178.8	222.1	265.0	310.2	356.4
-47.5°	0.0	15.3	37.6	62.2	95.1	130.3	167.6	208.9	250.0	292.1	336.3
-50°	0.0	14.7	35.5	58.6	89.1	121.7	157.1	195.3	234.4	274.3	315.7
-52.5°	0.0	13.9	33.2	55.3	82.8	112.7	146.3	181.1	218.0	255.7	294.6
-55°	0.0	13.2	30.9	51.7	76.4	104.4	135.2	166.7	200.9	236.2	272.6
-57.5°	0.0	12.4	28.5	48.1	69.7	96.1	123.7	153.3	183.1	215.9	249.8
-60°	0.0	11.6	26.1	44.2	62.9	87.5	112.1	139.3	165.2	194.8	226.0
-62.5°	0.0	10.7	24.2	40.3	57.5	78.7	101.5	125.0	148.8	173.1	201.4
-65°	0.0	9.8	22.3	36.2	51.9	69.6	90.6	110.8	132.1	153.6	176.1
-67.5°	0.0	8.9	20.2	32.1	46.2	61.3	79.6	97.8	115.0	134.5	153.6
-70°	0.0	8.0	18.2	27.8	40.3	53.7	68.3	84.5	99.8	115.0	132.1
-72.5°	0.0	7.0	16.0	24.3	34.2	45.9	58.4	70.9	84.5	97.8	110.8
-75°	0.0	6.1	13.8	20.9	28.1	37.9	48.5	58.7	68.9	80.3	91.6
-77.5°	0.0	5.1	11.6	17.5	23.3	29.9	38.4	46.9	55.2	63.4	72.1
-80°	0.0	4.1	9.3	14.0	18.7	23.3	28.2	35.0	41.6	48.2	54.6
-82.5°	0.0	3.1	7.0	10.5	14.0	17.5	20.9	24.3	27.9	32.9	37.7
-85°	0.0	2.1	4.7	7.0	9.4	11.7	14.0	16.2	18.4	20.6	22.8
-87.5°	0.0	1.0	2.4	3.5	4.7	5.8	7.0	8.1	9.2	10.3	11.4
-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°	12.5	13.5	14.5	15.5	16.4	17.4	18.2	19.1	19.9	20.7	21.4
85°	24.9	27.0	30.0	32.9	35.4	37.6	39.4	41.0	43.7	46.6	49.6
82.5°	42.4	47.1	51.6	56.0	59.0	61.4	63.8	67.2	73.2	78.9	84.1
80°	60.9	67.1	74.1	80.9	86.8	92.7	98.8	105.0	111.6	117.7	123.6
77.5°	81.3	90.3	99.1	107.6	116.1	125.3	134.2	142.7	150.9	158.7	166.1
75°	102.6	113.4	125.2	137.0	148.3	159.4	170.2	181.7	192.8	203.3	213.3
72.5°	125.0	139.3	153.4	167.0	181.8	196.3	210.2	223.7	236.8	250.6	265.1
70°	148.8	165.2	183.4	200.9	217.4	234.7	252.0	266.8	281.0	300.0	319.3
67.5°	173.3	195.4	216.0	235.8	257.8	278.1	295.8	314.6	334.9	356.7	375.9
65°	202.2	226.2	250.2	275.2	300.6	321.7	343.8	367.2	390.1	411.9	432.6
62.5°	230.7	257.8	285.4	312.6	338.8	364.2	390.8	416.8	441.9	467.3	489.7
60°	258.1	289.0	318.1	346.5	376.1	407.7	437.2	466.0	496.2	524.9	539.9
57.5°	284.6	317.6	348.0	379.9	414.7	450.3	481.3	514.1	539.9	559.7	579.2
55°	309.6	343.8	377.2	413.1	450.8	487.9	522.4	551.5	575.3	593.6	614.2
52.5°	332.9	369.0	405.3	444.6	484.6	524.1	560.2	587.5	608.9	627.6	647.0
50°	355.8	393.8	432.2	475.2	518.1	560.1	595.5	620.4	640.7	659.8	679.7
47.5°	378.4	418.2	459.5	505.3	551.8	592.4	625.9	648.7	669.2	691.7	713.5
45°	400.5	443.6	487.4	536.5	583.3	622.4	650.8	673.7	699.0	723.3	746.6
42.5°	422.1	468.6	516.0	567.0	612.2	647.4	674.0	701.0	728.2	754.1	780.4
40°	443.9	492.6	542.8	593.5	639.0	669.4	697.6	726.7	756.7	784.8	814.0
37.5°	464.8	515.2	567.0	618.2	659.5	690.4	719.6	751.8	783.4	814.1	852.0
35°	484.6	535.7	588.0	637.5	677.3	709.2	741.9	775.8	808.9	848.6	891.9
32.5°	502.3	554.1	607.1	653.3	692.2	726.7	763.3	798.7	838.5	883.4	935.3
30°	517.2	570.3	623.5	668.6	706.6	743.0	782.8	821.8	868.3	922.4	984.1
27.5°	530.3	584.8	636.5	681.7	720.3	756.6	798.4	847.7	901.1	961.7	1034.2
25°	542.6	599.5	648.8	693.6	731.3	769.1	813.9	868.4	932.6	1005.7	1094.5
22.5°	554.2	613.6	661.3	705.0	739.8	780.7	831.2	890.4	960.3	1045.9	1153.9
20°	565.2	624.1	671.2	713.9	746.3	790.8	846.4	909.7	989.1	1091.1	1216.1
17.5°	575.5	633.1	679.0	719.1	754.7	801.6	859.8	925.4	1014.1	1132.2	1273.3
15°	584.7	640.6	685.3	723.4	762.2	812.9	873.8	944.8	1041.7	1171.4	1323.9
12.5°	592.9	646.7	690.1	726.7	768.2	822.1	886.3	965.1	1071.5	1209.9	1388.1
10°	599.9	651.3	693.5	729.0	772.7	829.2	896.6	981.5	1095.2	1239.8	1437.4
7.5°	605.9	655.1	695.8	730.3	775.7	834.1	904.7	994.1	1111.8	1261.0	1473.1
5°	610.1	658.0	698.7	734.4	780.2	838.1	910.6	1002.7	1121.5	1273.6	1495.2
2.5°	612.5	659.8	700.3	738.4	785.1	841.4	915.0	1012.1	1129.4	1285.8	1512.2
0°	613.3	660.4	700.9	741.3	788.5	842.4	916.5	1017.6	1132.2	1293.9	1523.1
-2.5°	612.5	659.8	700.3	738.4	785.1	841.4	915.0	1012.1	1129.4	1285.8	1512.2
-5°	610.1	658.0	698.7	734.4	780.2	838.1	910.6	1002.7	1121.5	1273.6	1495.2
-7.5°	605.9	655.1	695.8	730.3	775.7	834.1	904.7	994.1	1111.8	1261.0	1473.1
-10°	599.9	651.3	693.5	729.0	772.7	829.2	896.6	981.5	1095.2	1239.8	1437.4
-12.5°	592.9	646.7	690.1	726.7	768.2	822.1	886.3	965.1	1071.5	1209.9	1388.1
-15°	584.7	640.6	685.3	723.4	762.2	812.9	873.8	944.8	1041.7	1171.4	1323.9
-17.5°	575.5	633.1	679.0	719.1	754.7	801.6	859.8	925.4	1014.1	1132.2	1273.3
-20°	565.2	624.1	671.2	713.9	746.3	790.8	846.4	909.7	989.1	1091.1	1216.1

Classified

Cooper Lighting Solutions Photometric Lab
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REPORT NUMBER: P627679 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-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°	554.2	613.6	661.3	705.0	739.8	780.7	831.2	890.4	960.3	1045.9	1153.9
-25°	542.6	599.5	648.8	693.6	731.3	769.1	813.9	868.4	932.6	1005.7	1094.5
-27.5°	530.3	584.8	636.5	681.7	720.3	756.6	798.4	847.7	901.1	961.7	1034.2
-30°	517.2	570.3	623.5	668.6	706.6	743.0	782.8	821.8	868.3	922.4	984.1
-32.5°	502.3	554.1	607.1	653.3	692.2	726.7	763.3	798.7	838.5	883.4	935.3
-35°	484.6	535.7	588.0	637.5	677.3	709.2	741.9	775.8	808.9	848.6	891.9
-37.5°	464.8	515.2	567.0	618.2	659.5	690.4	719.6	751.8	783.4	814.1	852.0
-40°	443.9	492.6	542.8	593.5	639.0	669.4	697.6	726.7	756.7	784.8	814.0
-42.5°	422.1	468.6	516.0	567.0	612.2	647.4	674.0	701.0	728.2	754.1	780.4
-45°	400.5	443.6	487.4	536.5	583.3	622.4	650.8	673.7	699.0	723.3	746.6
-47.5°	378.4	418.2	459.5	505.3	551.8	592.4	625.9	648.7	669.2	691.7	713.5
-50°	355.8	393.8	432.2	475.2	518.1	560.1	595.5	620.4	640.7	659.8	679.7
-52.5°	332.9	369.0	405.3	444.6	484.6	524.1	560.2	587.5	608.9	627.6	647.0
-55°	309.6	343.8	377.2	413.1	450.8	487.9	522.4	551.5	575.3	593.6	614.2
-57.5°	284.6	317.6	348.0	379.9	414.7	450.3	481.3	514.1	539.9	559.7	579.2
-60°	258.1	289.0	318.1	346.5	376.1	407.7	437.2	466.0	496.2	524.9	539.9
-62.5°	230.7	257.8	285.4	312.6	338.8	364.2	390.8	416.8	441.9	467.3	489.7
-65°	202.2	226.2	250.2	275.2	300.6	321.7	343.8	367.2	390.1	411.9	432.6
-67.5°	173.3	195.4	216.0	235.8	257.8	278.1	295.8	314.6	334.9	356.7	375.9
-70°	148.8	165.2	183.4	200.9	217.4	234.7	252.0	266.8	281.0	300.0	319.3
-72.5°	125.0	139.3	153.4	167.0	181.8	196.3	210.2	223.7	236.8	250.6	265.1
-75°	102.6	113.4	125.2	137.0	148.3	159.4	170.2	181.7	192.8	203.3	213.3
-77.5°	81.3	90.3	99.1	107.6	116.1	125.3	134.2	142.7	150.9	158.7	166.1
-80°	60.9	67.1	74.1	80.9	86.8	92.7	98.8	105.0	111.6	117.7	123.6
-82.5°	42.4	47.1	51.6	56.0	59.0	61.4	63.8	67.2	73.2	78.9	84.1
-85°	24.9	27.0	30.0	32.9	35.4	37.6	39.4	41.0	43.7	46.6	49.6
-87.5°	12.5	13.5	14.5	15.5	16.4	17.4	18.2	19.1	19.9	20.7	21.4
-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: P627679 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	22.1	22.8	23.4	23.9	24.5	24.9	25.4	25.7	26.1	24.7	23.2
85°	52.7	54.7	56.6	58.3	59.8	61.2	62.5	63.7	64.6	63.8	62.8
82.5°	88.8	92.3	95.5	98.5	101.3	103.8	106.0	108.0	109.7	109.6	109.1
80°	129.2	135.0	140.8	146.5	152.1	155.6	158.1	159.9	161.2	161.8	161.9
77.5°	173.6	182.6	191.9	201.1	210.0	215.2	218.9	222.0	224.5	225.0	224.5
75°	222.8	234.4	247.1	258.2	267.9	273.8	277.9	281.4	284.2	284.9	284.6
72.5°	280.1	294.4	305.8	315.1	323.3	329.7	334.8	339.2	342.7	344.2	344.4
70°	336.4	350.5	361.3	370.8	378.8	385.4	391.6	396.9	401.2	404.4	406.8
67.5°	393.5	409.5	420.7	429.3	436.1	443.0	451.2	458.3	464.3	468.3	470.2
65°	452.0	468.6	479.4	488.8	497.1	505.9	515.0	521.7	526.1	528.9	530.7
62.5°	508.7	524.2	537.7	550.2	562.2	572.3	578.6	584.2	589.0	593.0	596.0
60°	557.4	577.2	592.3	604.3	616.1	627.4	635.1	641.2	646.0	649.5	651.7
57.5°	599.0	619.1	636.9	648.6	661.3	674.9	683.9	689.0	693.7	697.8	699.7
55°	635.3	653.9	670.3	686.2	700.6	712.8	722.3	729.2	735.0	739.6	741.1
52.5°	668.0	688.2	707.5	724.5	738.5	750.2	759.5	768.1	774.7	779.1	781.1
50°	702.4	724.1	744.8	763.3	777.7	790.8	802.5	812.7	822.4	830.0	835.5
47.5°	736.1	759.3	782.2	802.6	819.9	838.8	855.9	870.3	884.4	895.8	903.7
45°	770.2	797.0	821.8	848.1	871.5	896.4	919.5	939.4	959.9	975.3	985.8
42.5°	808.1	838.5	868.3	901.1	933.0	965.4	1000.4	1031.7	1055.8	1078.4	1096.8
40°	848.6	883.4	922.4	962.5	1009.6	1052.4	1099.5	1139.9	1176.4	1215.0	1245.7
37.5°	891.9	935.3	986.5	1040.2	1101.2	1159.8	1221.2	1281.6	1334.3	1396.4	1443.8
35°	939.7	997.7	1060.7	1133.4	1209.3	1293.2	1377.2	1474.3	1557.8	1649.7	1729.8
32.5°	996.3	1065.5	1148.3	1244.1	1341.6	1468.8	1587.7	1742.3	1875.9	2021.8	2168.7
30°	1054.5	1145.0	1251.8	1372.5	1527.5	1702.5	1897.5	2127.4	2364.5	2593.8	2870.5
27.5°	1126.6	1235.9	1365.2	1541.5	1769.7	2006.1	2341.5	2686.6	3122.3	3482.7	3990.8
25°	1201.6	1330.2	1513.9	1753.7	2051.5	2461.9	2970.8	3522.3	4288.9	4962.5	5752.3
22.5°	1283.2	1456.8	1685.4	1981.3	2432.9	3062.9	3833.4	4871.7	6002.5	7202.9	8397.0
20°	1368.2	1578.2	1877.8	2306.7	2926.4	3779.6	5102.4	6705.3	8320.7	10301.4	12055.4
17.5°	1466.6	1733.9	2103.1	2639.5	3466.5	4773.4	6608.4	8846.2	11352.3	14200.2	16728.9
15°	1548.5	1867.3	2333.3	3083.8	4221.2	5899.5	8213.7	11292.2	15058.0	18882.9	22763.5
12.5°	1643.7	2012.5	2559.8	3454.6	4883.2	7113.7	10263.6	14160.2	18863.3	24168.6	30422.8
10°	1728.3	2155.0	2835.3	3943.0	5688.8	8379.9	12202.8	16890.6	22960.0	30593.1	40278.4
7.5°	1790.9	2268.4	3048.1	4314.7	6385.3	9597.3	14034.9	19880.5	27592.7	37672.3	50964.5
5°	1831.6	2350.5	3198.6	4601.5	6930.5	10503.4	15377.7	22001.2	31305.4	45561.2	68069.9
2.5°	1856.0	2399.1	3284.5	4769.8	7262.0	11103.7	16399.2	23604.8	33711.6	50436.6	79071.8
0°	1866.8	2412.7	3335.9	4859.0	7372.8	11335.5	16868.4	24335.6	34788.2	51575.7	81006.2
-2.5°	1856.0	2399.1	3284.5	4769.8	7262.0	11103.7	16399.2	23604.8	33711.6	50436.6	79071.8
-5°	1831.6	2350.5	3198.6	4601.5	6930.5	10503.4	15377.7	22001.2	31305.4	45561.2	68069.9
-7.5°	1790.9	2268.4	3048.1	4314.7	6385.3	9597.3	14034.9	19880.5	27592.7	37672.3	50964.5
-10°	1728.3	2155.0	2835.3	3943.0	5688.8	8379.9	12202.8	16890.6	22960.0	30593.1	40278.4
-12.5°	1643.7	2012.5	2559.8	3454.6	4883.2	7113.7	10263.6	14160.2	18863.3	24168.6	30422.8
-15°	1548.5	1867.3	2333.3	3083.8	4221.2	5899.5	8213.7	11292.2	15058.0	18882.9	22763.5
-17.5°	1466.6	1733.9	2103.1	2639.5	3466.5	4773.4	6608.4	8846.2	11352.3	14200.2	16728.9
-20°	1368.2	1578.2	1877.8	2306.7	2926.4	3779.6	5102.4	6705.3	8320.7	10301.4	12055.4

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Scaled Data Report



REPORT NUMBER: P627679 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5D-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°	1283.2	1456.8	1685.4	1981.3	2432.9	3062.9	3833.4	4871.7	6002.5	7202.9	8397.0
-25°	1201.6	1330.2	1513.9	1753.7	2051.5	2461.9	2970.8	3522.3	4288.9	4962.5	5752.3
-27.5°	1126.6	1235.9	1365.2	1541.5	1769.7	2006.1	2341.5	2686.6	3122.3	3482.7	3990.8
-30°	1054.5	1145.0	1251.8	1372.5	1527.5	1702.5	1897.5	2127.4	2364.5	2593.8	2870.5
-32.5°	996.3	1065.5	1148.3	1244.1	1341.6	1468.8	1587.7	1742.3	1875.9	2021.8	2168.7
-35°	939.7	997.7	1060.7	1133.4	1209.3	1293.2	1377.2	1474.3	1557.8	1649.7	1729.8
-37.5°	891.9	935.3	986.5	1040.2	1101.2	1159.8	1221.2	1281.6	1334.3	1396.4	1443.8
-40°	848.6	883.4	922.4	962.5	1009.6	1052.4	1099.5	1139.9	1176.4	1215.0	1245.7
-42.5°	808.1	838.5	868.3	901.1	933.0	965.4	1000.4	1031.7	1055.8	1078.4	1096.8
-45°	770.2	797.0	821.8	848.1	871.5	896.4	919.5	939.4	959.9	975.3	985.8
-47.5°	736.1	759.3	782.2	802.6	819.9	838.8	855.9	870.3	884.4	895.8	903.7
-50°	702.4	724.1	744.8	763.3	777.7	790.8	802.5	812.7	822.4	830.0	835.5
-52.5°	668.0	688.2	707.5	724.5	738.5	750.2	759.5	768.1	774.7	779.1	781.1
-55°	635.3	653.9	670.3	686.2	700.6	712.8	722.3	729.2	735.0	739.6	741.1
-57.5°	599.0	619.1	636.9	648.6	661.3	674.9	683.9	689.0	693.7	697.8	699.7
-60°	557.4	577.2	592.3	604.3	616.1	627.4	635.1	641.2	646.0	649.5	651.7
-62.5°	508.7	524.2	537.7	550.2	562.2	572.3	578.6	584.2	589.0	593.0	596.0
-65°	452.0	468.6	479.4	488.8	497.1	505.9	515.0	521.7	526.1	528.9	530.7
-67.5°	393.5	409.5	420.7	429.3	436.1	443.0	451.2	458.3	464.3	468.3	470.2
-70°	336.4	350.5	361.3	370.8	378.8	385.4	391.6	396.9	401.2	404.4	406.8
-72.5°	280.1	294.4	305.8	315.1	323.3	329.7	334.8	339.2	342.7	344.2	344.4
-75°	222.8	234.4	247.1	258.2	267.9	273.8	277.9	281.4	284.2	284.9	284.6
-77.5°	173.6	182.6	191.9	201.1	210.0	215.2	218.9	222.0	224.5	225.0	224.5
-80°	129.2	135.0	140.8	146.5	152.1	155.6	158.1	159.9	161.2	161.8	161.9
-82.5°	88.8	92.3	95.5	98.5	101.3	103.8	106.0	108.0	109.7	109.6	109.1
-85°	52.7	54.7	56.6	58.3	59.8	61.2	62.5	63.7	64.6	63.8	62.8
-87.5°	22.1	22.8	23.4	23.9	24.5	24.9	25.4	25.7	26.1	24.7	23.2
-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: P627679 (CONVERTED FROM TYPE C PHOTOMETRY)
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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°	21.7	20.1	20.2	20.2	20.2	20.1	21.7	23.2	24.7	26.1	25.7
85°	61.7	60.4	60.6	60.7	60.6	60.4	61.7	62.8	63.8	64.6	63.7
82.5°	108.3	107.3	107.7	107.8	107.7	107.3	108.3	109.1	109.6	109.7	108.0
80°	161.6	160.9	158.2	155.0	158.2	160.9	161.6	161.9	161.8	161.2	159.9
77.5°	223.3	221.4	218.8	215.7	218.8	221.4	223.3	224.5	225.0	224.5	222.0
75°	283.5	281.8	282.6	283.0	282.6	281.8	283.5	284.6	284.9	284.2	281.4
72.5°	343.8	342.4	343.3	343.7	343.3	342.4	343.8	344.4	344.2	342.7	339.2
70°	408.4	409.2	407.5	404.4	407.5	409.2	408.4	406.8	404.4	401.2	396.9
67.5°	470.8	470.1	468.1	465.0	468.1	470.1	470.8	470.2	468.3	464.3	458.3
65°	531.3	530.6	531.8	532.4	531.8	530.6	531.3	530.7	528.9	526.1	521.7
62.5°	597.6	597.6	596.1	593.1	596.1	597.6	597.6	596.0	593.0	589.0	584.2
60°	652.5	652.0	650.2	647.0	650.2	652.0	652.5	651.7	649.5	646.0	641.2
57.5°	700.2	699.5	697.5	694.1	697.5	699.5	700.2	699.7	697.8	693.7	689.0
55°	741.3	740.3	738.1	734.6	738.1	740.3	741.3	741.1	739.6	735.0	729.2
52.5°	781.7	780.8	781.1	781.8	781.1	780.8	781.7	781.1	779.1	774.7	768.1
50°	838.9	840.0	839.0	835.7	839.0	840.0	838.9	835.5	830.0	822.4	812.7
47.5°	907.5	907.9	906.3	903.1	906.3	907.9	907.5	903.7	895.8	884.4	870.3
45°	993.9	998.9	1000.1	997.4	1000.1	998.9	993.9	985.8	975.3	959.9	939.4
42.5°	1111.0	1118.6	1120.8	1118.7	1120.8	1118.6	1111.0	1096.8	1078.4	1055.8	1031.7
40°	1264.6	1273.3	1275.0	1273.7	1275.0	1273.3	1264.6	1245.7	1215.0	1176.4	1139.9
37.5°	1477.2	1498.4	1508.4	1509.6	1508.4	1498.4	1477.2	1443.8	1396.4	1334.3	1281.6
35°	1790.8	1833.2	1855.9	1866.8	1855.9	1833.2	1790.8	1729.8	1649.7	1557.8	1474.3
32.5°	2280.0	2364.7	2411.7	2405.9	2411.7	2364.7	2280.0	2168.7	2021.8	1875.9	1742.3
30°	3079.0	3227.2	3301.7	3282.0	3301.7	3227.2	3079.0	2870.5	2593.8	2364.5	2127.4
27.5°	4355.7	4623.5	4778.4	4757.9	4778.4	4623.5	4355.7	3990.8	3482.7	3122.3	2686.6
25°	6412.6	6901.4	7214.4	7136.9	7214.4	6901.4	6412.6	5752.3	4962.5	4288.9	3522.3
22.5°	9541.7	10369.8	10917.8	10850.2	10917.8	10369.8	9541.7	8397.0	7202.9	6002.5	4871.7
20°	13833.9	15094.4	15994.4	16113.6	15994.4	15094.4	13833.9	12055.4	10301.4	8320.7	6705.3
17.5°	19460.3	21458.8	22849.9	23082.0	22849.9	21458.8	19460.3	16728.9	14200.2	11352.3	8846.2
15°	26772.4	30038.8	32402.8	32597.9	32402.8	30038.8	26772.4	22763.5	18882.9	15058.0	11292.2
12.5°	36701.2	43270.9	47558.5	49446.1	47558.5	43270.9	36701.2	30422.8	24168.6	18863.3	14160.2
10°	50442.2	65532.3	75196.3	78829.4	75196.3	65532.3	50442.2	40278.4	30593.1	22960.0	16890.6
7.5°	73393.8	97085.8	123425.0	134650.9	123425.0	97085.8	73393.8	50964.5	37672.3	27592.7	19880.5
5°	99384.6	148554.9	195324.6	213588.1	195324.6	148554.9	99384.6	68069.9	45561.2	31305.4	22001.2
2.5°	126733.6	195269.8	259493.6	284610.1	259493.6	195269.8	126733.6	79071.8	50436.6	33711.6	23604.8
0°	137414.0	215724.4	286385.9	314549.3	286385.9	215724.4	137414.0	81006.2	51575.7	34788.2	24335.6
-2.5°	126733.6	195269.8	259493.6	284610.1	259493.6	195269.8	126733.6	79071.8	50436.6	33711.6	23604.8
-5°	99384.6	148554.9	195324.6	213588.1	195324.6	148554.9	99384.6	68069.9	45561.2	31305.4	22001.2
-7.5°	73393.8	97085.8	123425.0	134650.9	123425.0	97085.8	73393.8	50964.5	37672.3	27592.7	19880.5
-10°	50442.2	65532.3	75196.3	78829.4	75196.3	65532.3	50442.2	40278.4	30593.1	22960.0	16890.6
-12.5°	36701.2	43270.9	47558.5	49446.1	47558.5	43270.9	36701.2	30422.8	24168.6	18863.3	14160.2
-15°	26772.4	30038.8	32402.8	32597.9	32402.8	30038.8	26772.4	22763.5	18882.9	15058.0	11292.2
-17.5°	19460.3	21458.8	22849.9	23082.0	22849.9	21458.8	19460.3	16728.9	14200.2	11352.3	8846.2
-20°	13833.9	15094.4	15994.4	16113.6	15994.4	15094.4	13833.9	12055.4	10301.4	8320.7	6705.3

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REPORT NUMBER: P627679 (CONVERTED FROM TYPE C PHOTOMETRY)
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CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	9541.7	10369.8	10917.8	10850.2	10917.8	10369.8	9541.7	8397.0	7202.9	6002.5	4871.7
-25°	6412.6	6901.4	7214.4	7136.9	7214.4	6901.4	6412.6	5752.3	4962.5	4288.9	3522.3
-27.5°	4355.7	4623.5	4778.4	4757.9	4778.4	4623.5	4355.7	3990.8	3482.7	3122.3	2686.6
-30°	3079.0	3227.2	3301.7	3282.0	3301.7	3227.2	3079.0	2870.5	2593.8	2364.5	2127.4
-32.5°	2280.0	2364.7	2411.7	2405.9	2411.7	2364.7	2280.0	2168.7	2021.8	1875.9	1742.3
-35°	1790.8	1833.2	1855.9	1866.8	1855.9	1833.2	1790.8	1729.8	1649.7	1557.8	1474.3
-37.5°	1477.2	1498.4	1508.4	1509.6	1508.4	1498.4	1477.2	1443.8	1396.4	1334.3	1281.6
-40°	1264.6	1273.3	1275.0	1273.7	1275.0	1273.3	1264.6	1245.7	1215.0	1176.4	1139.9
-42.5°	1111.0	1118.6	1120.8	1118.7	1120.8	1118.6	1111.0	1096.8	1078.4	1055.8	1031.7
-45°	993.9	998.9	1000.1	997.4	1000.1	998.9	993.9	985.8	975.3	959.9	939.4
-47.5°	907.5	907.9	906.3	903.1	906.3	907.9	907.5	903.7	895.8	884.4	870.3
-50°	838.9	840.0	839.0	835.7	839.0	840.0	838.9	835.5	830.0	822.4	812.7
-52.5°	781.7	780.8	781.1	781.8	781.1	780.8	781.7	781.1	779.1	774.7	768.1
-55°	741.3	740.3	738.1	734.6	738.1	740.3	741.3	741.1	739.6	735.0	729.2
-57.5°	700.2	699.5	697.5	694.1	697.5	699.5	700.2	699.7	697.8	693.7	689.0
-60°	652.5	652.0	650.2	647.0	650.2	652.0	652.5	651.7	649.5	646.0	641.2
-62.5°	597.6	597.6	596.1	593.1	596.1	597.6	597.6	596.0	593.0	589.0	584.2
-65°	531.3	530.6	531.8	532.4	531.8	530.6	531.3	530.7	528.9	526.1	521.7
-67.5°	470.8	470.1	468.1	465.0	468.1	470.1	470.8	470.2	468.3	464.3	458.3
-70°	408.4	409.2	407.5	404.4	407.5	409.2	408.4	406.8	404.4	401.2	396.9
-72.5°	343.8	342.4	343.3	343.7	343.3	342.4	343.8	344.4	344.2	342.7	339.2
-75°	283.5	281.8	282.6	283.0	282.6	281.8	283.5	284.6	284.9	284.2	281.4
-77.5°	223.3	221.4	218.8	215.7	218.8	221.4	223.3	224.5	225.0	224.5	222.0
-80°	161.6	160.9	158.2	155.0	158.2	160.9	161.6	161.9	161.8	161.2	159.9
-82.5°	108.3	107.3	107.7	107.8	107.7	107.3	108.3	109.1	109.6	109.7	108.0
-85°	61.7	60.4	60.6	60.7	60.6	60.4	61.7	62.8	63.8	64.6	63.7
-87.5°	21.7	20.1	20.2	20.2	20.2	20.1	21.7	23.2	24.7	26.1	25.7
-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):

	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°	25.4	24.9	24.5	23.9	23.4	22.8	22.1	21.4	20.7	19.9	19.1
85°	62.5	61.2	59.8	58.3	56.6	54.7	52.7	49.6	46.6	43.7	41.0
82.5°	106.0	103.8	101.3	98.5	95.5	92.3	88.8	84.1	78.9	73.2	67.2
80°	158.1	155.6	152.1	146.5	140.8	135.0	129.2	123.6	117.7	111.6	105.0
77.5°	218.9	215.2	210.0	201.1	191.9	182.6	173.6	166.1	158.7	150.9	142.7
75°	277.9	273.8	267.9	258.2	247.1	234.4	222.8	213.3	203.3	192.8	181.7
72.5°	334.8	329.7	323.3	315.1	305.8	294.4	280.1	265.1	250.6	236.8	223.7
70°	391.6	385.4	378.8	370.8	361.3	350.5	336.4	319.3	300.0	281.0	266.8
67.5°	451.2	443.0	436.1	429.3	420.7	409.5	393.5	375.9	356.7	334.9	314.6
65°	515.0	505.9	497.1	488.8	479.4	468.6	452.0	432.6	411.9	390.1	367.2
62.5°	578.6	572.3	562.2	550.2	537.7	524.2	508.7	489.7	467.3	441.9	416.8
60°	635.1	627.4	616.1	604.3	592.3	577.2	557.4	539.9	524.9	496.2	466.0
57.5°	683.9	674.9	661.3	648.6	636.9	619.1	599.0	579.2	559.7	539.9	514.1
55°	722.3	712.8	700.6	686.2	670.3	653.9	635.3	614.2	593.6	575.3	551.5
52.5°	759.5	750.2	738.5	724.5	707.5	688.2	668.0	647.0	627.6	608.9	587.5
50°	802.5	790.8	777.7	763.3	744.8	724.1	702.4	679.7	659.8	640.7	620.4
47.5°	855.9	838.8	819.9	802.6	782.2	759.3	736.1	713.5	691.7	669.2	648.7
45°	919.5	896.4	871.5	848.1	821.8	797.0	770.2	746.6	723.3	699.0	673.7
42.5°	1000.4	965.4	933.0	901.1	868.3	838.5	808.1	780.4	754.1	728.2	701.0
40°	1099.5	1052.4	1009.6	962.5	922.4	883.4	848.6	814.0	784.8	756.7	726.7
37.5°	1221.2	1159.8	1101.2	1040.2	986.5	935.3	891.9	852.0	814.1	783.4	751.8
35°	1377.2	1293.2	1209.3	1133.4	1060.7	997.7	939.7	891.9	848.6	808.9	775.8
32.5°	1587.7	1468.8	1341.6	1244.1	1148.3	1065.5	996.3	935.3	883.4	838.5	798.7
30°	1897.5	1702.5	1527.5	1372.5	1251.8	1145.0	1054.5	984.1	922.4	868.3	821.8
27.5°	2341.5	2006.1	1769.7	1541.5	1365.2	1235.9	1126.6	1034.2	961.7	901.1	847.7
25°	2970.8	2461.9	2051.5	1753.7	1513.9	1330.2	1201.6	1094.5	1005.7	932.6	868.4
22.5°	3833.4	3062.9	2432.9	1981.3	1685.4	1456.8	1283.2	1153.9	1045.9	960.3	890.4
20°	5102.4	3779.6	2926.4	2306.7	1877.8	1578.2	1368.2	1216.1	1091.1	989.1	909.7
17.5°	6608.4	4773.4	3466.5	2639.5	2103.1	1733.9	1466.6	1273.3	1132.2	1014.1	925.4
15°	8213.7	5899.5	4221.2	3083.8	2333.3	1867.3	1548.5	1323.9	1171.4	1041.7	944.8
12.5°	10263.6	7113.7	4883.2	3454.6	2559.8	2012.5	1643.7	1388.1	1209.9	1071.5	965.1
10°	12202.8	8379.9	5688.8	3943.0	2835.3	2155.0	1728.3	1437.4	1239.8	1095.2	981.5
7.5°	14034.9	9597.3	6385.3	4314.7	3048.1	2268.4	1790.9	1473.1	1261.0	1111.8	994.1
5°	15377.7	10503.4	6930.5	4601.5	3198.6	2350.5	1831.6	1495.2	1273.6	1121.5	1002.7
2.5°	16399.2	11103.7	7262.0	4769.8	3284.5	2399.1	1856.0	1512.2	1285.8	1129.4	1012.1
0°	16868.4	11335.5	7372.8	4859.0	3335.9	2412.7	1866.8	1523.1	1293.9	1132.2	1017.6
-2.5°	16399.2	11103.7	7262.0	4769.8	3284.5	2399.1	1856.0	1512.2	1285.8	1129.4	1012.1
-5°	15377.7	10503.4	6930.5	4601.5	3198.6	2350.5	1831.6	1495.2	1273.6	1121.5	1002.7
-7.5°	14034.9	9597.3	6385.3	4314.7	3048.1	2268.4	1790.9	1473.1	1261.0	1111.8	994.1
-10°	12202.8	8379.9	5688.8	3943.0	2835.3	2155.0	1728.3	1437.4	1239.8	1095.2	981.5
-12.5°	10263.6	7113.7	4883.2	3454.6	2559.8	2012.5	1643.7	1388.1	1209.9	1071.5	965.1
-15°	8213.7	5899.5	4221.2	3083.8	2333.3	1867.3	1548.5	1323.9	1171.4	1041.7	944.8
-17.5°	6608.4	4773.4	3466.5	2639.5	2103.1	1733.9	1466.6	1273.3	1132.2	1014.1	925.4
-20°	5102.4	3779.6	2926.4	2306.7	1877.8	1578.2	1368.2	1216.1	1091.1	989.1	909.7

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REPORT NUMBER: P627679 (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°
-22.5°	3833.4	3062.9	2432.9	1981.3	1685.4	1456.8	1283.2	1153.9	1045.9	960.3	890.4
-25°	2970.8	2461.9	2051.5	1753.7	1513.9	1330.2	1201.6	1094.5	1005.7	932.6	868.4
-27.5°	2341.5	2006.1	1769.7	1541.5	1365.2	1235.9	1126.6	1034.2	961.7	901.1	847.7
-30°	1897.5	1702.5	1527.5	1372.5	1251.8	1145.0	1054.5	984.1	922.4	868.3	821.8
-32.5°	1587.7	1468.8	1341.6	1244.1	1148.3	1065.5	996.3	935.3	883.4	838.5	798.7
-35°	1377.2	1293.2	1209.3	1133.4	1060.7	997.7	939.7	891.9	848.6	808.9	775.8
-37.5°	1221.2	1159.8	1101.2	1040.2	986.5	935.3	891.9	852.0	814.1	783.4	751.8
-40°	1099.5	1052.4	1009.6	962.5	922.4	883.4	848.6	814.0	784.8	756.7	726.7
-42.5°	1000.4	965.4	933.0	901.1	868.3	838.5	808.1	780.4	754.1	728.2	701.0
-45°	919.5	896.4	871.5	848.1	821.8	797.0	770.2	746.6	723.3	699.0	673.7
-47.5°	855.9	838.8	819.9	802.6	782.2	759.3	736.1	713.5	691.7	669.2	648.7
-50°	802.5	790.8	777.7	763.3	744.8	724.1	702.4	679.7	659.8	640.7	620.4
-52.5°	759.5	750.2	738.5	724.5	707.5	688.2	668.0	647.0	627.6	608.9	587.5
-55°	722.3	712.8	700.6	686.2	670.3	653.9	635.3	614.2	593.6	575.3	551.5
-57.5°	683.9	674.9	661.3	648.6	636.9	619.1	599.0	579.2	559.7	539.9	514.1
-60°	635.1	627.4	616.1	604.3	592.3	577.2	557.4	539.9	524.9	496.2	466.0
-62.5°	578.6	572.3	562.2	550.2	537.7	524.2	508.7	489.7	467.3	441.9	416.8
-65°	515.0	505.9	497.1	488.8	479.4	468.6	452.0	432.6	411.9	390.1	367.2
-67.5°	451.2	443.0	436.1	429.3	420.7	409.5	393.5	375.9	356.7	334.9	314.6
-70°	391.6	385.4	378.8	370.8	361.3	350.5	336.4	319.3	300.0	281.0	266.8
-72.5°	334.8	329.7	323.3	315.1	305.8	294.4	280.1	265.1	250.6	236.8	223.7
-75°	277.9	273.8	267.9	258.2	247.1	234.4	222.8	213.3	203.3	192.8	181.7
-77.5°	218.9	215.2	210.0	201.1	191.9	182.6	173.6	166.1	158.7	150.9	142.7
-80°	158.1	155.6	152.1	146.5	140.8	135.0	129.2	123.6	117.7	111.6	105.0
-82.5°	106.0	103.8	101.3	98.5	95.5	92.3	88.8	84.1	78.9	73.2	67.2
-85°	62.5	61.2	59.8	58.3	56.6	54.7	52.7	49.6	46.6	43.7	41.0
-87.5°	25.4	24.9	24.5	23.9	23.4	22.8	22.1	21.4	20.7	19.9	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



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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°	18.2	17.4	16.4	15.5	14.5	13.5	12.5	11.4	10.3	9.2	8.1
85°	39.4	37.6	35.4	32.9	30.0	27.0	24.9	22.8	20.6	18.4	16.2
82.5°	63.8	61.4	59.0	56.0	51.6	47.1	42.4	37.7	32.9	27.9	24.3
80°	98.8	92.7	86.8	80.9	74.1	67.1	60.9	54.6	48.2	41.6	35.0
77.5°	134.2	125.3	116.1	107.6	99.1	90.3	81.3	72.1	63.4	55.2	46.9
75°	170.2	159.4	148.3	137.0	125.2	113.4	102.6	91.6	80.3	68.9	58.7
72.5°	210.2	196.3	181.8	167.0	153.4	139.3	125.0	110.8	97.8	84.5	70.9
70°	252.0	234.7	217.4	200.9	183.4	165.2	148.8	132.1	115.0	99.8	84.5
67.5°	295.8	278.1	257.8	235.8	216.0	195.4	173.3	153.6	134.5	115.0	97.8
65°	343.8	321.7	300.6	275.2	250.2	226.2	202.2	176.1	153.6	132.1	110.8
62.5°	390.8	364.2	338.8	312.6	285.4	257.8	230.7	201.4	173.1	148.8	125.0
60°	437.2	407.7	376.1	346.5	318.1	289.0	258.1	226.0	194.8	165.2	139.3
57.5°	481.3	450.3	414.7	379.9	348.0	317.6	284.6	249.8	215.9	183.1	153.3
55°	522.4	487.9	450.8	413.1	377.2	343.8	309.6	272.6	236.2	200.9	166.7
52.5°	560.2	524.1	484.6	444.6	405.3	369.0	332.9	294.6	255.7	218.0	181.1
50°	595.5	560.1	518.1	475.2	432.2	393.8	355.8	315.7	274.3	234.4	195.3
47.5°	625.9	592.4	551.8	505.3	459.5	418.2	378.4	336.3	292.1	250.0	208.9
45°	650.8	622.4	583.3	536.5	487.4	443.6	400.5	356.4	310.2	265.0	222.1
42.5°	674.0	647.4	612.2	567.0	516.0	468.6	422.1	376.1	327.8	279.4	234.6
40°	697.6	669.4	639.0	593.5	542.8	492.6	443.9	395.2	344.9	293.6	246.6
37.5°	719.6	690.4	659.5	618.2	567.0	515.2	464.8	413.6	360.8	307.7	257.9
35°	741.9	709.2	677.3	637.5	588.0	535.7	484.6	431.4	375.7	320.8	268.6
32.5°	763.3	726.7	692.2	653.3	607.1	554.1	502.3	446.9	389.7	332.9	278.7
30°	782.8	743.0	706.6	668.6	623.5	570.3	517.2	460.9	402.7	343.9	288.1
27.5°	798.4	756.6	720.3	681.7	636.5	584.8	530.3	473.5	414.7	354.2	297.1
25°	813.9	769.1	731.3	693.6	648.8	599.5	542.6	484.7	425.3	363.8	305.1
22.5°	831.2	780.7	739.8	705.0	661.3	613.6	554.2	494.4	434.4	372.5	312.3
20°	846.4	790.8	746.3	713.9	671.2	624.1	565.2	503.2	442.2	380.2	318.5
17.5°	859.8	801.6	754.7	719.1	679.0	633.1	575.5	510.9	448.8	386.8	323.9
15°	873.8	812.9	762.2	723.4	685.3	640.6	584.7	517.7	454.2	392.5	328.7
12.5°	886.3	822.1	768.2	726.7	690.1	646.7	592.9	523.2	458.3	397.3	333.1
10°	896.6	829.2	772.7	729.0	693.5	651.3	599.9	528.6	462.8	400.9	336.8
7.5°	904.7	834.1	775.7	730.3	695.8	655.1	605.9	534.8	466.6	403.5	339.7
5°	910.6	838.1	780.2	734.4	698.7	658.0	610.1	539.8	469.4	404.8	341.9
2.5°	915.0	841.4	785.1	738.4	700.3	659.8	612.5	543.6	471.1	405.1	343.2
0°	916.5	842.4	788.5	741.3	700.9	660.4	613.3	545.9	471.7	404.4	343.7
-2.5°	915.0	841.4	785.1	738.4	700.3	659.8	612.5	543.6	471.1	405.1	343.2
-5°	910.6	838.1	780.2	734.4	698.7	658.0	610.1	539.8	469.4	404.8	341.9
-7.5°	904.7	834.1	775.7	730.3	695.8	655.1	605.9	534.8	466.6	403.5	339.7
-10°	896.6	829.2	772.7	729.0	693.5	651.3	599.9	528.6	462.8	400.9	336.8
-12.5°	886.3	822.1	768.2	726.7	690.1	646.7	592.9	523.2	458.3	397.3	333.1
-15°	873.8	812.9	762.2	723.4	685.3	640.6	584.7	517.7	454.2	392.5	328.7
-17.5°	859.8	801.6	754.7	719.1	679.0	633.1	575.5	510.9	448.8	386.8	323.9
-20°	846.4	790.8	746.3	713.9	671.2	624.1	565.2	503.2	442.2	380.2	318.5



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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°	831.2	780.7	739.8	705.0	661.3	613.6	554.2	494.4	434.4	372.5	312.3
-25°	813.9	769.1	731.3	693.6	648.8	599.5	542.6	484.7	425.3	363.8	305.1
-27.5°	798.4	756.6	720.3	681.7	636.5	584.8	530.3	473.5	414.7	354.2	297.1
-30°	782.8	743.0	706.6	668.6	623.5	570.3	517.2	460.9	402.7	343.9	288.1
-32.5°	763.3	726.7	692.2	653.3	607.1	554.1	502.3	446.9	389.7	332.9	278.7
-35°	741.9	709.2	677.3	637.5	588.0	535.7	484.6	431.4	375.7	320.8	268.6
-37.5°	719.6	690.4	659.5	618.2	567.0	515.2	464.8	413.6	360.8	307.7	257.9
-40°	697.6	669.4	639.0	593.5	542.8	492.6	443.9	395.2	344.9	293.6	246.6
-42.5°	674.0	647.4	612.2	567.0	516.0	468.6	422.1	376.1	327.8	279.4	234.6
-45°	650.8	622.4	583.3	536.5	487.4	443.6	400.5	356.4	310.2	265.0	222.1
-47.5°	625.9	592.4	551.8	505.3	459.5	418.2	378.4	336.3	292.1	250.0	208.9
-50°	595.5	560.1	518.1	475.2	432.2	393.8	355.8	315.7	274.3	234.4	195.3
-52.5°	560.2	524.1	484.6	444.6	405.3	369.0	332.9	294.6	255.7	218.0	181.1
-55°	522.4	487.9	450.8	413.1	377.2	343.8	309.6	272.6	236.2	200.9	166.7
-57.5°	481.3	450.3	414.7	379.9	348.0	317.6	284.6	249.8	215.9	183.1	153.3
-60°	437.2	407.7	376.1	346.5	318.1	289.0	258.1	226.0	194.8	165.2	139.3
-62.5°	390.8	364.2	338.8	312.6	285.4	257.8	230.7	201.4	173.1	148.8	125.0
-65°	343.8	321.7	300.6	275.2	250.2	226.2	202.2	176.1	153.6	132.1	110.8
-67.5°	295.8	278.1	257.8	235.8	216.0	195.4	173.3	153.6	134.5	115.0	97.8
-70°	252.0	234.7	217.4	200.9	183.4	165.2	148.8	132.1	115.0	99.8	84.5
-72.5°	210.2	196.3	181.8	167.0	153.4	139.3	125.0	110.8	97.8	84.5	70.9
-75°	170.2	159.4	148.3	137.0	125.2	113.4	102.6	91.6	80.3	68.9	58.7
-77.5°	134.2	125.3	116.1	107.6	99.1	90.3	81.3	72.1	63.4	55.2	46.9
-80°	98.8	92.7	86.8	80.9	74.1	67.1	60.9	54.6	48.2	41.6	35.0
-82.5°	63.8	61.4	59.0	56.0	51.6	47.1	42.4	37.7	32.9	27.9	24.3
-85°	39.4	37.6	35.4	32.9	30.0	27.0	24.9	22.8	20.6	18.4	16.2
-87.5°	18.2	17.4	16.4	15.5	14.5	13.5	12.5	11.4	10.3	9.2	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

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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°	7.0	5.8	4.7	3.5	2.4	1.0	0.0
85°	14.0	11.7	9.4	7.0	4.7	2.1	0.0
82.5°	20.9	17.5	14.0	10.5	7.0	3.1	0.0
80°	28.2	23.3	18.7	14.0	9.3	4.1	0.0
77.5°	38.4	29.9	23.3	17.5	11.6	5.1	0.0
75°	48.5	37.9	28.1	20.9	13.8	6.1	0.0
72.5°	58.4	45.9	34.2	24.3	16.0	7.0	0.0
70°	68.3	53.7	40.3	27.8	18.2	8.0	0.0
67.5°	79.6	61.3	46.2	32.1	20.2	8.9	0.0
65°	90.6	69.6	51.9	36.2	22.3	9.8	0.0
62.5°	101.5	78.7	57.5	40.3	24.2	10.7	0.0
60°	112.1	87.5	62.9	44.2	26.1	11.6	0.0
57.5°	123.7	96.1	69.7	48.1	28.5	12.4	0.0
55°	135.2	104.4	76.4	51.7	30.9	13.2	0.0
52.5°	146.3	112.7	82.8	55.3	33.2	13.9	0.0
50°	157.1	121.7	89.1	58.6	35.5	14.7	0.0
47.5°	167.6	130.3	95.1	62.2	37.6	15.3	0.0
45°	178.8	138.6	100.8	66.5	39.8	16.0	0.0
42.5°	189.6	146.5	106.3	70.6	41.8	16.6	0.0
40°	199.8	154.0	111.9	74.6	43.8	17.1	0.0
37.5°	209.5	161.1	117.6	78.5	45.6	17.7	0.0
35°	218.6	168.4	122.9	82.1	47.4	18.1	0.0
32.5°	227.2	175.5	127.9	85.6	49.1	18.6	0.0
30°	235.1	182.1	132.6	88.8	50.7	19.0	0.0
27.5°	242.5	188.2	137.1	91.8	52.2	19.3	0.0
25°	249.2	193.8	141.3	94.5	53.6	19.6	0.0
22.5°	255.3	198.8	145.1	97.0	54.9	19.9	0.0
20°	260.8	203.2	148.6	99.2	56.1	20.1	0.0
17.5°	265.3	206.9	151.6	101.2	57.1	20.2	0.0
15°	269.0	210.0	154.3	103.0	58.1	20.4	0.0
12.5°	271.9	212.4	156.5	104.4	58.8	20.4	0.0
10°	274.2	214.3	158.4	105.6	59.5	20.5	0.0
7.5°	275.8	215.5	159.8	106.6	60.0	20.5	0.0
5°	276.7	216.1	160.9	107.3	60.4	20.4	0.0
2.5°	276.8	216.2	161.5	107.7	60.6	20.3	0.0
0°	276.3	215.7	161.7	107.8	60.7	20.2	0.0
-2.5°	276.8	216.2	161.5	107.7	60.6	20.3	0.0
-5°	276.7	216.1	160.9	107.3	60.4	20.4	0.0
-7.5°	275.8	215.5	159.8	106.6	60.0	20.5	0.0
-10°	274.2	214.3	158.4	105.6	59.5	20.5	0.0
-12.5°	271.9	212.4	156.5	104.4	58.8	20.4	0.0
-15°	269.0	210.0	154.3	103.0	58.1	20.4	0.0
-17.5°	265.3	206.9	151.6	101.2	57.1	20.2	0.0
-20°	260.8	203.2	148.6	99.2	56.1	20.1	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	255.3	198.8	145.1	97.0	54.9	19.9	0.0
-25°	249.2	193.8	141.3	94.5	53.6	19.6	0.0
-27.5°	242.5	188.2	137.1	91.8	52.2	19.3	0.0
-30°	235.1	182.1	132.6	88.8	50.7	19.0	0.0
-32.5°	227.2	175.5	127.9	85.6	49.1	18.6	0.0
-35°	218.6	168.4	122.9	82.1	47.4	18.1	0.0
-37.5°	209.5	161.1	117.6	78.5	45.6	17.7	0.0
-40°	199.8	154.0	111.9	74.6	43.8	17.1	0.0
-42.5°	189.6	146.5	106.3	70.6	41.8	16.6	0.0
-45°	178.8	138.6	100.8	66.5	39.8	16.0	0.0
-47.5°	167.6	130.3	95.1	62.2	37.6	15.3	0.0
-50°	157.1	121.7	89.1	58.6	35.5	14.7	0.0
-52.5°	146.3	112.7	82.8	55.3	33.2	13.9	0.0
-55°	135.2	104.4	76.4	51.7	30.9	13.2	0.0
-57.5°	123.7	96.1	69.7	48.1	28.5	12.4	0.0
-60°	112.1	87.5	62.9	44.2	26.1	11.6	0.0
-62.5°	101.5	78.7	57.5	40.3	24.2	10.7	0.0
-65°	90.6	69.6	51.9	36.2	22.3	9.8	0.0
-67.5°	79.6	61.3	46.2	32.1	20.2	8.9	0.0
-70°	68.3	53.7	40.3	27.8	18.2	8.0	0.0
-72.5°	58.4	45.9	34.2	24.3	16.0	7.0	0.0
-75°	48.5	37.9	28.1	20.9	13.8	6.1	0.0
-77.5°	38.4	29.9	23.3	17.5	11.6	5.1	0.0
-80°	28.2	23.3	18.7	14.0	9.3	4.1	0.0
-82.5°	20.9	17.5	14.0	10.5	7.0	3.1	0.0
-85°	14.0	11.7	9.4	7.0	4.7	2.1	0.0
-87.5°	7.0	5.8	4.7	3.5	2.4	1.0	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)