

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: P627497 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA4E-727-U-MWR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627497 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-15)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA4E-727-U-MWR-XX
Description: GALLEON FLOOD, FOUR LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N90
Light Source: (64) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

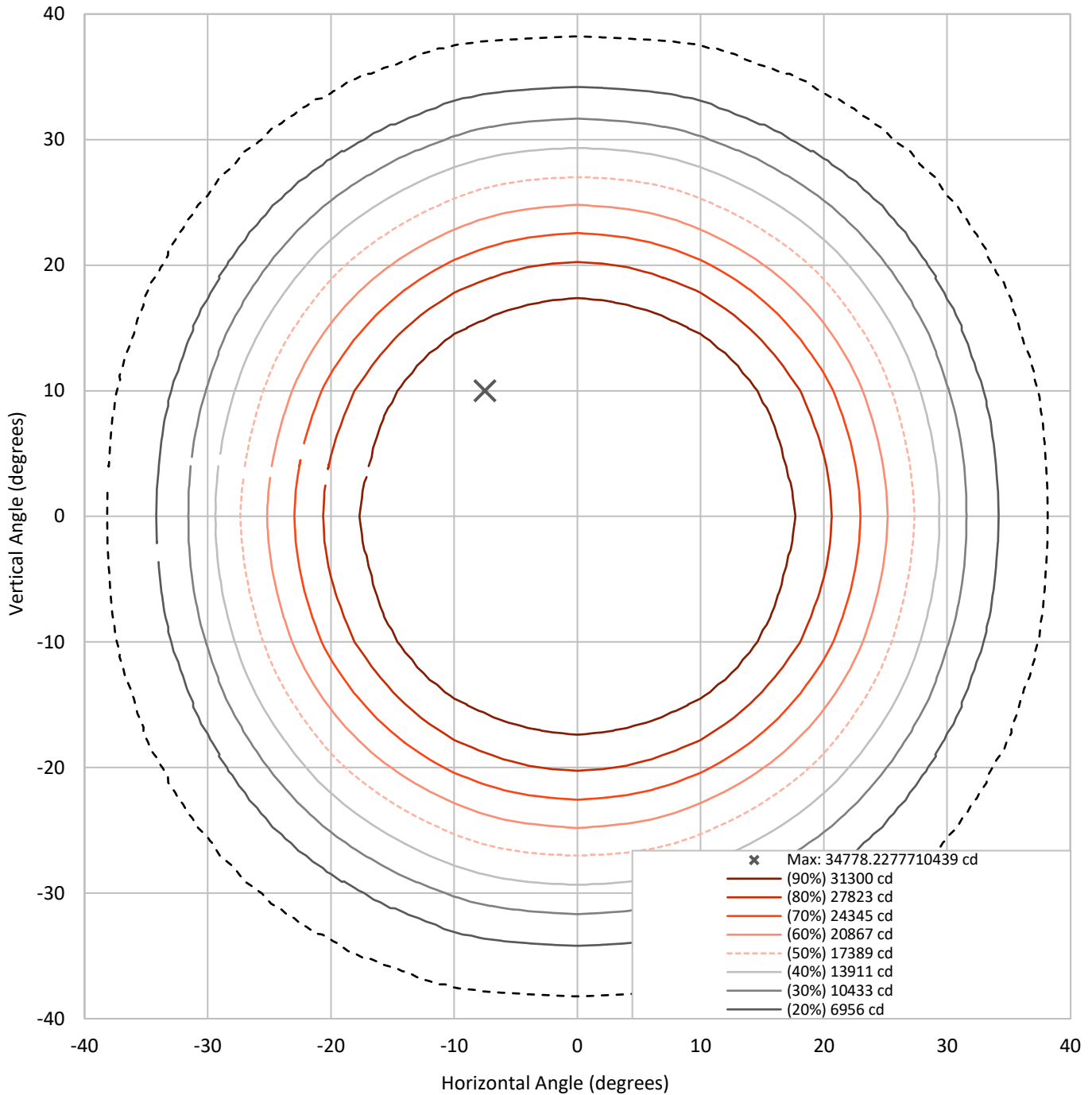
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	29599.5 lumens	Max Intensity:	34778.2 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	115.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	19646.4 lumens	Field Lumens:	25545.9 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
Input Watts (W):	255.9		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





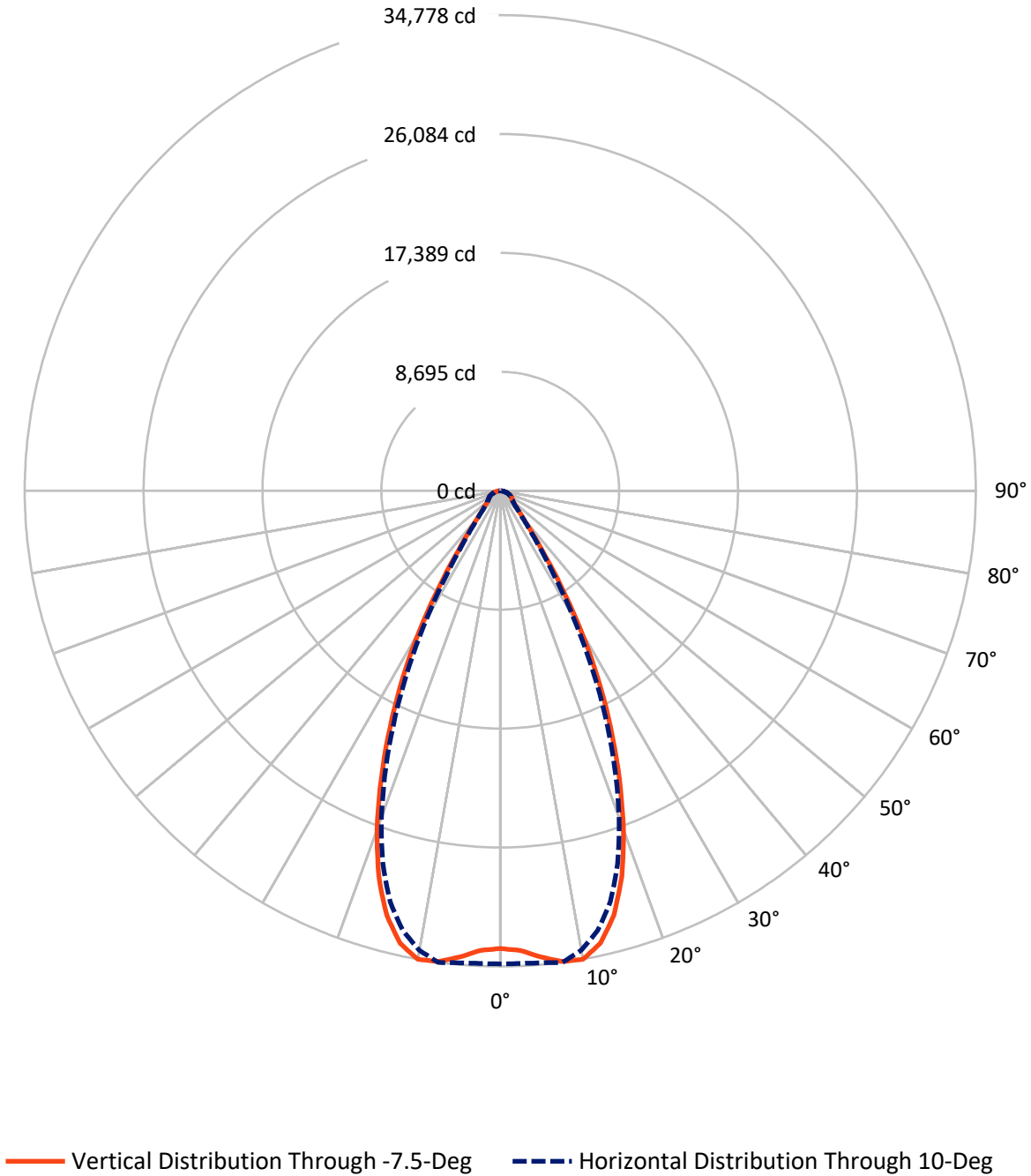
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Lumen Table

90																			
80	0.8	6.9		18.6		29.4		32.8		29.4		18.6		6.9		0.8			
70																			
60	3.1	3.6	7.3	11.8	16.6	20.1	22.7	24.1	24.1	22.7	20.1	16.6	11.8	7.3	3.6	3.1			
		5.3	10.7	17.1	22.8	27.6	30.9	32.3	32.3	30.9	27.6	22.8	17.1	10.7	5.3				
50																			
40	5.6	6.9	13.5	20.7	27.8	36.2	45.5	52.2	52.2	45.5	36.2	27.8	20.7	13.5	6.9	5.6			
		8.2	15.7	23.8	36.9	67.3	128.8	190.9	190.9	128.8	67.3	36.9	23.8	15.7	8.2				
30																			
20	7.2	9.1	17.1	27.8	60.6	190.0	426.3	595.3	595.3	426.3	190.0	60.6	27.8	17.1	9.1	7.2			
		9.7	18.0	33.0	109.6	405.1	773.6	968.2	968.2	773.6	405.1	109.6	33.0	18.0	9.7				
10																			
0	7.8	10.1	18.5	37.2	157.8	554.3	938.5	1021.1	1021.1	938.5	554.3	157.8	37.2	18.5	10.1	7.8			
		10.1	18.5	37.2	157.8	554.3	938.5	1021.1	1021.1	938.5	554.3	157.8	37.2	18.5	10.1				
-10																			
-20	7.2	9.7	18.0	33.0	109.6	405.1	773.6	968.2	968.2	773.6	405.1	109.6	33.0	18.0	9.7	7.2			
		9.1	17.1	27.8	60.6	190.0	426.3	595.3	595.3	426.3	190.0	60.6	27.8	17.1	9.1				
-30																			
-40	5.6	8.2	15.7	23.8	36.9	67.3	128.8	190.9	190.9	128.8	67.3	36.9	23.8	15.7	8.2	5.6			
		6.9	13.5	20.7	27.8	36.2	45.5	52.2	52.2	45.5	36.2	27.8	20.7	13.5	6.9				
-50																			
-60	3.1	5.3	10.7	17.1	22.8	27.6	30.9	32.3	32.3	30.9	27.6	22.8	17.1	10.7	5.3	3.1			
		3.6	7.3	11.8	16.6	20.1	22.7	24.1	24.1	22.7	20.1	16.6	11.8	7.3	3.6				
-70																			
-80	0.8	6.9		18.6		29.4		32.8		29.4		18.6		6.9		0.8			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

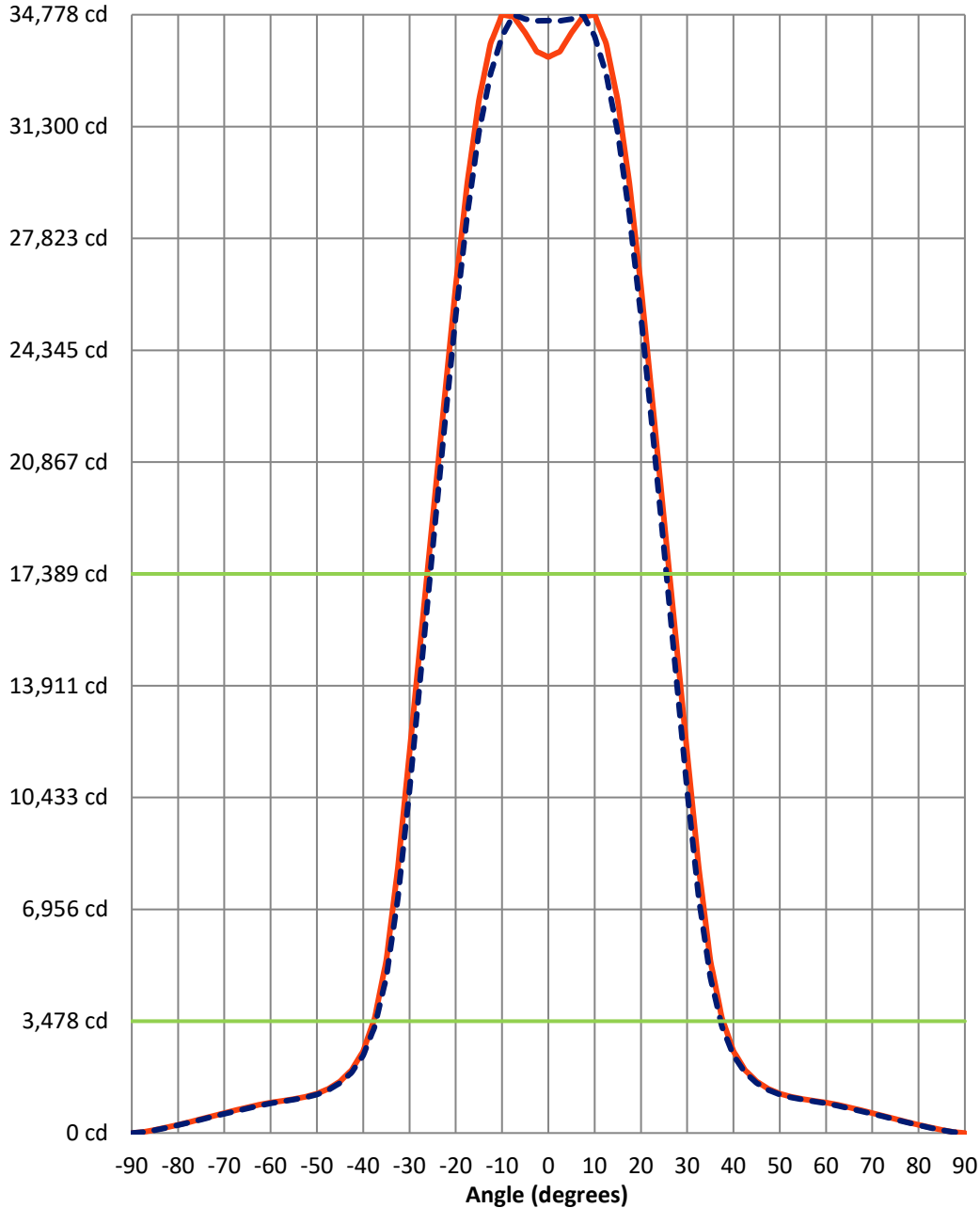
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 19646.4
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 25545.9
 Efficiency: 86.3%

Spill:
 Lumens: 4053.6
 Efficiency: 13.7%

— Vertical Distribution through -7.5-Deg
 - - Horizontal Distribution through 10-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	1.3	2.6	4.0	5.3	6.6	7.9	9.6	11.4	13.4	15.4
85°	0.0	2.6	5.3	7.9	10.5	13.1	15.7	19.2	22.8	26.7	30.8
82.5°	0.0	4.0	7.9	11.9	15.8	19.7	23.5	28.6	34.9	44.0	52.5
80°	0.0	5.3	10.5	15.8	21.0	26.2	32.4	44.7	56.5	67.6	78.1
77.5°	0.0	6.6	13.1	19.7	26.2	35.4	49.5	64.1	78.0	91.2	105.3
75°	0.0	7.9	15.7	23.5	32.4	49.5	66.3	83.3	99.9	119.0	137.9
72.5°	0.0	9.1	18.3	27.4	43.6	63.4	83.0	103.3	126.0	148.3	170.2
70°	0.0	10.4	20.8	32.0	54.7	77.2	99.9	126.0	151.7	177.2	203.9
67.5°	0.0	11.6	23.2	40.1	65.5	90.7	118.9	148.3	177.2	207.0	237.3
65°	0.0	12.8	25.7	48.1	76.2	105.0	137.5	170.2	202.8	236.1	271.5
62.5°	0.0	14.0	28.0	56.0	86.7	120.0	155.6	191.8	227.8	265.5	308.2
60°	0.0	15.2	30.4	63.7	96.9	134.5	173.3	212.9	252.2	297.3	343.9
57.5°	0.0	16.3	35.3	71.2	108.0	148.7	191.0	233.4	278.7	328.3	377.6
55°	0.0	17.4	40.0	78.5	118.9	162.4	208.4	253.4	305.1	358.0	409.9
52.5°	0.0	18.5	44.6	85.5	129.4	175.8	225.3	275.5	330.5	386.3	441.3
50°	0.0	19.5	49.1	92.4	139.5	189.6	241.9	297.0	354.9	413.6	471.7
47.5°	0.0	20.5	53.3	99.1	149.1	203.0	258.1	317.7	378.3	440.0	501.1
45°	0.0	21.5	57.4	106.1	158.4	216.0	274.9	337.4	401.0	465.4	529.4
42.5°	0.0	22.4	61.2	112.7	167.2	228.4	291.0	356.2	422.5	489.7	556.1
40°	0.0	23.3	64.8	118.8	176.2	240.4	306.2	373.9	443.0	512.9	581.7
37.5°	0.0	24.1	68.3	124.5	185.2	251.8	320.5	390.6	462.8	535.3	606.4
35°	0.0	24.9	71.5	129.8	193.8	263.0	334.0	406.3	481.7	556.3	629.4
32.5°	0.0	25.6	74.4	134.8	202.0	273.5	346.5	420.8	499.6	575.8	649.7
30°	0.0	26.3	77.2	139.4	209.6	283.2	358.1	434.5	516.5	593.7	668.6
27.5°	0.0	27.0	79.7	143.7	216.3	292.2	368.8	448.0	531.8	610.1	686.1
25°	0.0	27.6	82.0	147.6	222.5	300.4	378.4	460.4	545.2	624.6	702.1
22.5°	0.0	28.1	84.0	151.1	228.0	307.7	387.1	471.8	557.2	637.5	716.5
20°	0.0	28.6	85.8	154.2	233.0	313.9	394.8	482.1	567.8	649.0	729.5
17.5°	0.0	29.0	87.3	156.9	237.3	319.4	401.8	491.3	577.0	659.1	740.8
15°	0.0	29.4	88.6	159.2	241.0	324.0	408.0	499.5	584.8	667.7	750.5
12.5°	0.0	29.7	89.7	161.1	244.0	327.8	413.4	506.8	591.8	674.9	758.5
10°	0.0	29.9	90.5	162.6	246.4	330.9	417.9	512.7	597.8	681.6	765.3
7.5°	0.0	30.1	91.0	163.6	248.2	333.1	421.4	517.4	602.5	687.0	771.3
5°	0.0	30.3	91.4	164.3	249.3	334.5	424.0	520.7	605.9	690.8	775.6
2.5°	0.0	30.4	91.5	164.5	249.7	335.1	425.6	522.7	607.9	693.1	778.2
0°	0.0	30.4	91.3	164.3	249.5	334.8	426.1	523.4	608.6	693.9	779.1
-2.5°	0.0	30.4	91.5	164.5	249.7	335.1	425.6	522.7	607.9	693.1	778.2
-5°	0.0	30.3	91.4	164.3	249.3	334.5	424.0	520.7	605.9	690.8	775.6
-7.5°	0.0	30.1	91.0	163.6	248.2	333.1	421.4	517.4	602.5	687.0	771.3
-10°	0.0	29.9	90.5	162.6	246.4	330.9	417.9	512.7	597.8	681.6	765.3
-12.5°	0.0	29.7	89.7	161.1	244.0	327.8	413.4	506.8	591.8	674.9	758.5
-15°	0.0	29.4	88.6	159.2	241.0	324.0	408.0	499.5	584.8	667.7	750.5
-17.5°	0.0	29.0	87.3	156.9	237.3	319.4	401.8	491.3	577.0	659.1	740.8
-20°	0.0	28.6	85.8	154.2	233.0	313.9	394.8	482.1	567.8	649.0	729.5

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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	28.1	84.0	151.1	228.0	307.7	387.1	471.8	557.2	637.5	716.5
-25°	0.0	27.6	82.0	147.6	222.5	300.4	378.4	460.4	545.2	624.6	702.1
-27.5°	0.0	27.0	79.7	143.7	216.3	292.2	368.8	448.0	531.8	610.1	686.1
-30°	0.0	26.3	77.2	139.4	209.6	283.2	358.1	434.5	516.5	593.7	668.6
-32.5°	0.0	25.6	74.4	134.8	202.0	273.5	346.5	420.8	499.6	575.8	649.7
-35°	0.0	24.9	71.5	129.8	193.8	263.0	334.0	406.3	481.7	556.3	629.4
-37.5°	0.0	24.1	68.3	124.5	185.2	251.8	320.5	390.6	462.8	535.3	606.4
-40°	0.0	23.3	64.8	118.8	176.2	240.4	306.2	373.9	443.0	512.9	581.7
-42.5°	0.0	22.4	61.2	112.7	167.2	228.4	291.0	356.2	422.5	489.7	556.1
-45°	0.0	21.5	57.4	106.1	158.4	216.0	274.9	337.4	401.0	465.4	529.4
-47.5°	0.0	20.5	53.3	99.1	149.1	203.0	258.1	317.7	378.3	440.0	501.1
-50°	0.0	19.5	49.1	92.4	139.5	189.6	241.9	297.0	354.9	413.6	471.7
-52.5°	0.0	18.5	44.6	85.5	129.4	175.8	225.3	275.5	330.5	386.3	441.3
-55°	0.0	17.4	40.0	78.5	118.9	162.4	208.4	253.4	305.1	358.0	409.9
-57.5°	0.0	16.3	35.3	71.2	108.0	148.7	191.0	233.4	278.7	328.3	377.6
-60°	0.0	15.2	30.4	63.7	96.9	134.5	173.3	212.9	252.2	297.3	343.9
-62.5°	0.0	14.0	28.0	56.0	86.7	120.0	155.6	191.8	227.8	265.5	308.2
-65°	0.0	12.8	25.7	48.1	76.2	105.0	137.5	170.2	202.8	236.1	271.5
-67.5°	0.0	11.6	23.2	40.1	65.5	90.7	118.9	148.3	177.2	207.0	237.3
-70°	0.0	10.4	20.8	32.0	54.7	77.2	99.9	126.0	151.7	177.2	203.9
-72.5°	0.0	9.1	18.3	27.4	43.6	63.4	83.0	103.3	126.0	148.3	170.2
-75°	0.0	7.9	15.7	23.5	32.4	49.5	66.3	83.3	99.9	119.0	137.9
-77.5°	0.0	6.6	13.1	19.7	26.2	35.4	49.5	64.1	78.0	91.2	105.3
-80°	0.0	5.3	10.5	15.8	21.0	26.2	32.4	44.7	56.5	67.6	78.1
-82.5°	0.0	4.0	7.9	11.9	15.8	19.7	23.5	28.6	34.9	44.0	52.5
-85°	0.0	2.6	5.3	7.9	10.5	13.1	15.7	19.2	22.8	26.7	30.8
-87.5°	0.0	1.3	2.6	4.0	5.3	6.6	7.9	9.6	11.4	13.4	15.4
-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°	16.8	18.2	19.6	20.9	22.2	23.5	24.7	25.8	26.9	28.0	29.0
85°	33.7	36.5	41.3	46.3	51.0	55.6	60.0	64.2	68.2	72.1	75.8
82.5°	60.3	68.2	76.3	84.5	91.6	98.5	105.2	112.1	119.0	125.9	132.7
80°	88.7	99.7	112.3	124.2	134.7	144.6	154.2	163.4	173.5	184.2	195.1
77.5°	121.5	137.2	151.9	165.7	178.9	193.4	207.5	220.9	234.9	248.8	262.0
75°	156.6	174.5	193.3	211.8	229.8	247.3	264.3	281.6	299.2	316.6	333.2
72.5°	192.9	215.6	237.8	259.4	281.7	303.5	324.6	344.8	365.7	387.1	407.5
70°	230.6	256.5	283.8	310.2	335.4	360.8	386.5	411.3	435.5	460.2	484.7
67.5°	268.6	301.1	331.9	361.2	390.9	420.8	449.7	479.4	508.0	536.8	564.3
65°	310.4	346.0	379.6	413.2	446.8	482.0	516.2	549.3	582.5	614.6	643.5
62.5°	351.5	389.2	426.5	464.7	504.8	544.2	581.6	619.5	658.1	691.8	721.0
60°	389.2	431.1	472.8	516.3	560.6	603.1	644.9	686.2	727.7	766.4	790.3
57.5°	425.6	472.0	518.2	565.0	611.7	659.0	703.1	748.4	787.0	819.6	847.3
55°	461.1	511.5	560.7	609.8	660.2	709.7	757.6	800.7	838.4	865.6	892.4
52.5°	495.7	548.8	599.6	652.7	706.3	758.8	808.8	848.8	879.7	907.5	932.5
50°	529.2	583.2	636.8	694.4	751.0	806.5	853.6	888.6	920.0	947.1	973.3
47.5°	560.5	616.8	674.2	734.7	794.3	848.0	891.3	927.8	959.9	989.2	1020.2
45°	590.7	650.5	711.1	773.6	834.4	886.4	928.0	967.4	997.5	1030.5	1066.0
42.5°	620.0	682.8	746.3	810.9	872.4	920.9	962.5	998.6	1034.0	1073.1	1116.0
40°	647.9	713.3	779.6	846.8	908.1	951.1	991.8	1030.2	1073.1	1119.5	1169.2
37.5°	674.1	741.9	810.8	880.6	934.4	978.7	1020.4	1063.1	1113.0	1166.8	1234.3
35°	698.5	768.6	839.8	906.8	958.0	1004.9	1048.1	1095.7	1154.0	1224.4	1310.8
32.5°	721.1	793.3	866.5	928.0	979.7	1028.4	1072.8	1132.2	1202.2	1286.0	1408.3
30°	742.0	815.8	889.4	948.9	999.2	1048.2	1102.3	1169.1	1251.1	1373.3	1529.8
27.5°	761.4	836.4	907.3	966.2	1016.7	1067.2	1130.4	1211.5	1319.4	1465.3	1659.8
25°	779.2	856.0	924.5	980.7	1033.0	1088.9	1157.7	1248.8	1390.6	1579.1	1841.9
22.5°	795.3	873.7	941.0	993.3	1048.1	1108.8	1189.0	1303.0	1466.5	1686.6	2025.6
20°	809.6	887.1	953.3	1005.2	1062.1	1125.2	1216.9	1354.4	1551.6	1836.5	2269.3
17.5°	822.3	898.8	962.5	1016.6	1075.8	1143.9	1244.1	1399.0	1627.2	1967.4	2515.7
15°	833.1	908.8	970.3	1026.4	1087.8	1165.2	1281.9	1457.1	1715.0	2103.5	2730.4
12.5°	842.0	917.1	976.7	1034.4	1097.6	1183.0	1314.3	1512.0	1806.1	2270.7	3046.8
10°	849.1	923.5	981.6	1040.6	1105.3	1197.3	1340.5	1556.9	1881.7	2415.5	3316.7
7.5°	855.6	928.3	985.0	1044.9	1110.7	1207.9	1360.5	1591.5	1939.5	2529.1	3530.4
5°	860.4	931.2	986.8	1047.4	1115.3	1214.9	1374.1	1615.6	1979.5	2610.4	3680.6
2.5°	863.3	932.1	987.2	1048.1	1118.7	1218.0	1381.1	1628.8	2011.0	2648.9	3761.4
0°	864.3	931.2	986.0	1046.9	1119.9	1217.3	1381.6	1631.2	2026.8	2647.6	3773.6
-2.5°	863.3	932.1	987.2	1048.1	1118.7	1218.0	1381.1	1628.8	2011.0	2648.9	3761.4
-5°	860.4	931.2	986.8	1047.4	1115.3	1214.9	1374.1	1615.6	1979.5	2610.4	3680.6
-7.5°	855.6	928.3	985.0	1044.9	1110.7	1207.9	1360.5	1591.5	1939.5	2529.1	3530.4
-10°	849.1	923.5	981.6	1040.6	1105.3	1197.3	1340.5	1556.9	1881.7	2415.5	3316.7
-12.5°	842.0	917.1	976.7	1034.4	1097.6	1183.0	1314.3	1512.0	1806.1	2270.7	3046.8
-15°	833.1	908.8	970.3	1026.4	1087.8	1165.2	1281.9	1457.1	1715.0	2103.5	2730.4
-17.5°	822.3	898.8	962.5	1016.6	1075.8	1143.9	1244.1	1399.0	1627.2	1967.4	2515.7
-20°	809.6	887.1	953.3	1005.2	1062.1	1125.2	1216.9	1354.4	1551.6	1836.5	2269.3



REPORT NUMBER: P627497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	795.3	873.7	941.0	993.3	1048.1	1108.8	1189.0	1303.0	1466.5	1686.6	2025.6
-25°	779.2	856.0	924.5	980.7	1033.0	1088.9	1157.7	1248.8	1390.6	1579.1	1841.9
-27.5°	761.4	836.4	907.3	966.2	1016.7	1067.2	1130.4	1211.5	1319.4	1465.3	1659.8
-30°	742.0	815.8	889.4	948.9	999.2	1048.2	1102.3	1169.1	1251.1	1373.3	1529.8
-32.5°	721.1	793.3	866.5	928.0	979.7	1028.4	1072.8	1132.2	1202.2	1286.0	1408.3
-35°	698.5	768.6	839.8	906.8	958.0	1004.9	1048.1	1095.7	1154.0	1224.4	1310.8
-37.5°	674.1	741.9	810.8	880.6	934.4	978.7	1020.4	1063.1	1113.0	1166.8	1234.3
-40°	647.9	713.3	779.6	846.8	908.1	951.1	991.8	1030.2	1073.1	1119.5	1169.2
-42.5°	620.0	682.8	746.3	810.9	872.4	920.9	962.5	998.6	1034.0	1073.1	1116.0
-45°	590.7	650.5	711.1	773.6	834.4	886.4	928.0	967.4	997.5	1030.5	1066.0
-47.5°	560.5	616.8	674.2	734.7	794.3	848.0	891.3	927.8	959.9	989.2	1020.2
-50°	529.2	583.2	636.8	694.4	751.0	806.5	853.6	888.6	920.0	947.1	973.3
-52.5°	495.7	548.8	599.6	652.7	706.3	758.8	808.8	848.8	879.7	907.5	932.5
-55°	461.1	511.5	560.7	609.8	660.2	709.7	757.6	800.7	838.4	865.6	892.4
-57.5°	425.6	472.0	518.2	565.0	611.7	659.0	703.1	748.4	787.0	819.6	847.3
-60°	389.2	431.1	472.8	516.3	560.6	603.1	644.9	686.2	727.7	766.4	790.3
-62.5°	351.5	389.2	426.5	464.7	504.8	544.2	581.6	619.5	658.1	691.8	721.0
-65°	310.4	346.0	379.6	413.2	446.8	482.0	516.2	549.3	582.5	614.6	643.5
-67.5°	268.6	301.1	331.9	361.2	390.9	420.8	449.7	479.4	508.0	536.8	564.3
-70°	230.6	256.5	283.8	310.2	335.4	360.8	386.5	411.3	435.5	460.2	484.7
-72.5°	192.9	215.6	237.8	259.4	281.7	303.5	324.6	344.8	365.7	387.1	407.5
-75°	156.6	174.5	193.3	211.8	229.8	247.3	264.3	281.6	299.2	316.6	333.2
-77.5°	121.5	137.2	151.9	165.7	178.9	193.4	207.5	220.9	234.9	248.8	262.0
-80°	88.7	99.7	112.3	124.2	134.7	144.6	154.2	163.4	173.5	184.2	195.1
-82.5°	60.3	68.2	76.3	84.5	91.6	98.5	105.2	112.1	119.0	125.9	132.7
-85°	33.7	36.5	41.3	46.3	51.0	55.6	60.0	64.2	68.2	72.1	75.8
-87.5°	16.8	18.2	19.6	20.9	22.2	23.5	24.7	25.8	26.9	28.0	29.0
-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: P627497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-727-U-MWR-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°	29.9	29.5	29.0	28.3	27.6	29.5	31.4	33.3	35.2	34.2	32.9
85°	79.2	81.0	82.5	83.8	84.9	88.7	92.3	95.7	98.9	98.8	98.4
82.5°	139.4	143.9	147.7	151.2	154.3	158.7	162.7	166.1	169.0	171.2	173.0
80°	205.4	212.7	218.9	224.6	229.7	235.5	241.0	245.8	250.0	252.3	253.7
77.5°	275.2	285.8	295.3	304.4	313.0	321.5	329.3	336.2	342.3	343.7	343.3
75°	349.0	363.3	376.7	389.2	400.6	410.5	418.8	425.8	431.6	434.4	435.9
72.5°	426.9	444.5	460.3	474.5	486.7	496.8	505.6	513.2	519.7	523.7	526.2
70°	508.1	528.9	545.1	558.4	568.9	579.0	590.3	601.1	611.2	616.9	619.1
67.5°	589.4	611.0	625.8	638.0	647.6	657.5	671.8	684.7	696.1	703.8	708.7
65°	669.0	691.7	706.7	718.3	727.1	737.1	753.1	765.8	775.5	783.2	790.2
62.5°	747.8	770.6	787.2	801.1	813.9	824.9	838.0	848.7	857.0	864.6	873.2
60°	816.0	843.1	860.5	874.6	890.5	907.6	917.2	925.2	932.2	938.3	943.6
57.5°	871.7	895.9	918.3	935.2	951.6	967.5	978.9	986.4	992.6	997.1	998.9
55°	918.3	943.3	968.2	986.6	1002.8	1017.6	1030.1	1039.9	1048.1	1054.4	1056.0
52.5°	960.1	988.1	1012.6	1033.8	1055.2	1072.7	1086.5	1099.8	1111.4	1120.8	1124.9
50°	1005.5	1034.9	1065.5	1093.8	1116.6	1136.6	1153.3	1172.1	1192.0	1208.4	1218.8
47.5°	1053.3	1087.2	1124.1	1159.0	1186.0	1215.6	1243.3	1271.3	1308.2	1339.2	1362.2
45°	1103.3	1146.8	1188.9	1233.2	1270.6	1326.5	1378.4	1422.9	1482.2	1535.9	1578.6
42.5°	1162.3	1216.5	1268.2	1339.2	1413.5	1489.8	1572.4	1642.8	1735.4	1829.6	1905.7
40°	1232.3	1301.4	1392.5	1487.9	1605.2	1710.2	1852.6	1979.5	2121.6	2301.3	2449.7
37.5°	1316.4	1423.1	1549.8	1682.6	1865.5	2040.2	2275.7	2523.8	2749.0	3094.6	3385.4
35°	1425.8	1574.9	1741.7	1976.8	2235.6	2563.1	2930.4	3409.7	3820.7	4403.7	4960.8
32.5°	1566.7	1758.4	2030.8	2393.7	2776.3	3370.8	3953.6	4785.8	5556.4	6480.4	7477.7
30°	1723.5	2015.2	2431.4	2929.2	3642.9	4517.4	5544.9	6823.0	8221.8	9520.6	10800.4
27.5°	1950.7	2368.8	2915.6	3718.7	4830.9	6054.5	7854.7	9589.8	11399.9	13009.0	14351.0
25°	2216.1	2768.5	3614.0	4796.5	6300.8	8396.1	10551.0	12692.3	14639.0	16323.6	17806.4
22.5°	2558.6	3353.2	4480.3	6012.1	8354.6	10865.8	13392.7	15754.6	17831.2	19707.1	21312.2
20°	2931.3	3925.6	5535.2	7819.3	10498.1	13359.1	16212.3	18728.3	21014.8	23141.7	24950.7
17.5°	3403.7	4796.0	6834.4	9574.5	12671.6	15806.2	18803.7	21534.0	24128.0	26378.7	28268.8
15°	3806.2	5562.6	8223.0	11436.5	14786.5	18093.0	21257.6	24223.3	26920.3	29229.5	31006.5
12.5°	4343.1	6421.8	9455.8	13037.3	16667.5	20146.7	23480.0	26545.2	29289.9	31573.7	32957.0
10°	4850.6	7311.3	10647.4	14382.4	18153.9	21860.8	25419.9	28563.6	31111.8	32928.6	34107.4
7.5°	5282.1	8075.7	11616.6	15469.6	19334.8	23210.5	26813.2	29871.9	32221.5	33738.7	34559.4
5°	5604.3	8647.2	12336.1	16353.1	20319.3	24263.0	27837.6	30709.0	32739.8	33866.8	34278.9
2.5°	5809.6	8982.8	12753.6	16932.7	20978.2	24929.0	28540.3	31366.7	33089.7	33836.7	33907.7
0°	5891.7	9026.2	12818.0	17236.8	21144.3	25118.7	28740.2	31637.3	33219.8	33834.5	33822.3
-2.5°	5809.6	8982.8	12753.6	16932.7	20978.2	24929.0	28540.3	31366.7	33089.7	33836.7	33907.7
-5°	5604.3	8647.2	12336.1	16353.1	20319.3	24263.0	27837.6	30709.0	32739.8	33866.8	34278.9
-7.5°	5282.1	8075.7	11616.6	15469.6	19334.8	23210.5	26813.2	29871.9	32221.5	33738.7	34559.4
-10°	4850.6	7311.3	10647.4	14382.4	18153.9	21860.8	25419.9	28563.6	31111.8	32928.6	34107.4
-12.5°	4343.1	6421.8	9455.8	13037.3	16667.5	20146.7	23480.0	26545.2	29289.9	31573.7	32957.0
-15°	3806.2	5562.6	8223.0	11436.5	14786.5	18093.0	21257.6	24223.3	26920.3	29229.5	31006.5
-17.5°	3403.7	4796.0	6834.4	9574.5	12671.6	15806.2	18803.7	21534.0	24128.0	26378.7	28268.8
-20°	2931.3	3925.6	5535.2	7819.3	10498.1	13359.1	16212.3	18728.3	21014.8	23141.7	24950.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627497 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4E-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2558.6	3353.2	4480.3	6012.1	8354.6	10865.8	13392.7	15754.6	17831.2	19707.1	21312.2
-25°	2216.1	2768.5	3614.0	4796.5	6300.8	8396.1	10551.0	12692.3	14639.0	16323.6	17806.4
-27.5°	1950.7	2368.8	2915.6	3718.7	4830.9	6054.5	7854.7	9589.8	11399.9	13009.0	14351.0
-30°	1723.5	2015.2	2431.4	2929.2	3642.9	4517.4	5544.9	6823.0	8221.8	9520.6	10800.4
-32.5°	1566.7	1758.4	2030.8	2393.7	2776.3	3370.8	3953.6	4785.8	5556.4	6480.4	7477.7
-35°	1425.8	1574.9	1741.7	1976.8	2235.6	2563.1	2930.4	3409.7	3820.7	4403.7	4960.8
-37.5°	1316.4	1423.1	1549.8	1682.6	1865.5	2040.2	2275.7	2523.8	2749.0	3094.6	3385.4
-40°	1232.3	1301.4	1392.5	1487.9	1605.2	1710.2	1852.6	1979.5	2121.6	2301.3	2449.7
-42.5°	1162.3	1216.5	1268.2	1339.2	1413.5	1489.8	1572.4	1642.8	1735.4	1829.6	1905.7
-45°	1103.3	1146.8	1188.9	1233.2	1270.6	1326.5	1378.4	1422.9	1482.2	1535.9	1578.6
-47.5°	1053.3	1087.2	1124.1	1159.0	1186.0	1215.6	1243.3	1271.3	1308.2	1339.2	1362.2
-50°	1005.5	1034.9	1065.5	1093.8	1116.6	1136.6	1153.3	1172.1	1192.0	1208.4	1218.8
-52.5°	960.1	988.1	1012.6	1033.8	1055.2	1072.7	1086.5	1099.8	1111.4	1120.8	1124.9
-55°	918.3	943.3	968.2	986.6	1002.8	1017.6	1030.1	1039.9	1048.1	1054.4	1056.0
-57.5°	871.7	895.9	918.3	935.2	951.6	967.5	978.9	986.4	992.6	997.1	998.9
-60°	816.0	843.1	860.5	874.6	890.5	907.6	917.2	925.2	932.2	938.3	943.6
-62.5°	747.8	770.6	787.2	801.1	813.9	824.9	838.0	848.7	857.0	864.6	873.2
-65°	669.0	691.7	706.7	718.3	727.1	737.1	753.1	765.8	775.5	783.2	790.2
-67.5°	589.4	611.0	625.8	638.0	647.6	657.5	671.8	684.7	696.1	703.8	708.7
-70°	508.1	528.9	545.1	558.4	568.9	579.0	590.3	601.1	611.2	616.9	619.1
-72.5°	426.9	444.5	460.3	474.5	486.7	496.8	505.6	513.2	519.7	523.7	526.2
-75°	349.0	363.3	376.7	389.2	400.6	410.5	418.8	425.8	431.6	434.4	435.9
-77.5°	275.2	285.8	295.3	304.4	313.0	321.5	329.3	336.2	342.3	343.7	343.3
-80°	205.4	212.7	218.9	224.6	229.7	235.5	241.0	245.8	250.0	252.3	253.7
-82.5°	139.4	143.9	147.7	151.2	154.3	158.7	162.7	166.1	169.0	171.2	173.0
-85°	79.2	81.0	82.5	83.8	84.9	88.7	92.3	95.7	98.9	98.8	98.4
-87.5°	29.9	29.5	29.0	28.3	27.6	29.5	31.4	33.3	35.2	34.2	32.9
-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: P627497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-727-U-MWR-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°	31.7	30.3	30.4	30.4	30.4	30.3	31.7	32.9	34.2	35.2	33.3
85°	97.8	96.9	94.2	91.3	94.2	96.9	97.8	98.4	98.8	98.9	95.7
82.5°	174.5	175.6	173.2	170.4	173.2	175.6	174.5	173.0	171.2	169.0	166.1
80°	254.4	254.4	252.3	249.5	252.3	254.4	254.4	253.7	252.3	250.0	245.8
77.5°	341.9	339.4	340.4	340.8	340.4	339.4	341.9	343.3	343.7	342.3	336.2
75°	436.5	436.1	434.7	432.1	434.7	436.1	436.5	435.9	434.4	431.6	425.8
72.5°	527.3	527.3	526.0	523.4	526.0	527.3	527.3	526.2	523.7	519.7	513.2
70°	619.6	618.5	620.1	620.8	620.1	618.5	619.6	619.1	616.9	611.2	601.1
67.5°	712.5	715.0	714.5	712.1	714.5	715.0	712.5	708.7	703.8	696.1	684.7
65°	795.8	799.9	802.5	803.4	802.5	799.9	795.8	790.2	783.2	775.5	765.8
62.5°	879.9	884.7	885.0	882.5	885.0	884.7	879.9	873.2	864.6	857.0	848.7
60°	946.6	947.3	946.2	943.4	946.2	947.3	946.6	943.6	938.3	932.2	925.2
57.5°	998.9	997.1	995.0	992.1	995.0	997.1	998.9	998.9	997.1	992.6	986.4
55°	1055.2	1052.3	1049.8	1046.9	1049.8	1052.3	1055.2	1056.0	1054.4	1048.1	1039.9
52.5°	1125.8	1124.3	1122.5	1119.9	1122.5	1124.3	1125.8	1124.9	1120.8	1111.4	1099.8
50°	1224.1	1225.6	1225.5	1223.4	1225.5	1225.6	1224.1	1218.8	1208.4	1192.0	1172.1
47.5°	1376.8	1385.0	1390.5	1393.8	1390.5	1385.0	1376.8	1362.2	1339.2	1308.2	1271.3
45°	1606.0	1622.2	1633.7	1643.3	1633.7	1622.2	1606.0	1578.6	1535.9	1482.2	1422.9
42.5°	1959.3	1995.7	2012.9	2008.5	2012.9	1995.7	1959.3	1905.7	1829.6	1735.4	1642.8
40°	2548.7	2607.4	2640.0	2665.9	2640.0	2607.4	2548.7	2449.7	2301.3	2121.6	1979.5
37.5°	3583.9	3697.9	3757.9	3810.1	3757.9	3697.9	3583.9	3385.4	3094.6	2749.0	2523.8
35°	5377.1	5633.6	5770.9	5818.6	5770.9	5633.6	5377.1	4960.8	4403.7	3820.7	3409.7
32.5°	8253.7	8726.8	8988.4	9190.5	8988.4	8726.8	8253.7	7477.7	6480.4	5556.4	4785.8
30°	11813.8	12436.9	12783.0	12951.9	12783.0	12436.9	11813.8	10800.4	9520.6	8221.8	6823.0
27.5°	15463.3	16171.7	16544.8	16524.7	16544.8	16171.7	15463.3	14351.0	13009.0	11399.9	9589.8
25°	19077.6	19898.1	20269.8	20602.6	20269.8	19898.1	19077.6	17806.4	16323.6	14639.0	12692.3
22.5°	22733.0	23692.4	24215.9	24461.4	24215.9	23692.4	22733.0	21312.2	19707.1	17831.2	15754.6
20°	26344.9	27412.9	27968.7	28210.6	27968.7	27412.9	26344.9	24950.7	23141.7	21014.8	18728.3
17.5°	29548.3	30590.9	31120.6	31345.1	31120.6	30590.9	29548.3	28268.8	26378.7	24128.0	21534.0
15°	32106.1	32875.1	33325.6	33445.0	33325.6	32875.1	32106.1	31006.5	29229.5	26920.3	24223.3
12.5°	33874.2	34172.1	34388.8	34455.3	34388.8	34172.1	33874.2	32957.0	31573.7	29289.9	26545.2
10°	34778.2	34643.8	34588.3	34595.3	34588.3	34643.8	34778.2	34107.4	32928.6	31111.8	28563.6
7.5°	34716.0	34517.0	34117.2	34053.6	34117.2	34517.0	34716.0	34559.4	33738.7	32221.5	29871.9
5°	34217.2	33854.9	33191.4	33000.7	33191.4	33854.9	34217.2	34278.9	33866.8	32739.8	30709.0
2.5°	33635.9	32982.7	32371.5	31978.1	32371.5	32982.7	33635.9	33907.7	33836.7	33089.7	31366.7
0°	33463.2	32708.5	31917.3	31661.6	31917.3	32708.5	33463.2	33822.3	33834.5	33219.8	31637.3
-2.5°	33635.9	32982.7	32371.5	31978.1	32371.5	32982.7	33635.9	33907.7	33836.7	33089.7	31366.7
-5°	34217.2	33854.9	33191.4	33000.7	33191.4	33854.9	34217.2	34278.9	33866.8	32739.8	30709.0
-7.5°	34716.0	34517.0	34117.2	34053.6	34117.2	34517.0	34716.0	34559.4	33738.7	32221.5	29871.9
-10°	34778.2	34643.8	34588.3	34595.3	34588.3	34643.8	34778.2	34107.4	32928.6	31111.8	28563.6
-12.5°	33874.2	34172.1	34388.8	34455.3	34388.8	34172.1	33874.2	32957.0	31573.7	29289.9	26545.2
-15°	32106.1	32875.1	33325.6	33445.0	33325.6	32875.1	32106.1	31006.5	29229.5	26920.3	24223.3
-17.5°	29548.3	30590.9	31120.6	31345.1	31120.6	30590.9	29548.3	28268.8	26378.7	24128.0	21534.0
-20°	26344.9	27412.9	27968.7	28210.6	27968.7	27412.9	26344.9	24950.7	23141.7	21014.8	18728.3



REPORT NUMBER: P627497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	22733.0	23692.4	24215.9	24461.4	24215.9	23692.4	22733.0	21312.2	19707.1	17831.2	15754.6
-25°	19077.6	19898.1	20269.8	20602.6	20269.8	19898.1	19077.6	17806.4	16323.6	14639.0	12692.3
-27.5°	15463.3	16171.7	16544.8	16524.7	16544.8	16171.7	15463.3	14351.0	13009.0	11399.9	9589.8
-30°	11813.8	12436.9	12783.0	12951.9	12783.0	12436.9	11813.8	10800.4	9520.6	8221.8	6823.0
-32.5°	8253.7	8726.8	8988.4	9190.5	8988.4	8726.8	8253.7	7477.7	6480.4	5556.4	4785.8
-35°	5377.1	5633.6	5770.9	5818.6	5770.9	5633.6	5377.1	4960.8	4403.7	3820.7	3409.7
-37.5°	3583.9	3697.9	3757.9	3810.1	3757.9	3697.9	3583.9	3385.4	3094.6	2749.0	2523.8
-40°	2548.7	2607.4	2640.0	2665.9	2640.0	2607.4	2548.7	2449.7	2301.3	2121.6	1979.5
-42.5°	1959.3	1995.7	2012.9	2008.5	2012.9	1995.7	1959.3	1905.7	1829.6	1735.4	1642.8
-45°	1606.0	1622.2	1633.7	1643.3	1633.7	1622.2	1606.0	1578.6	1535.9	1482.2	1422.9
-47.5°	1376.8	1385.0	1390.5	1393.8	1390.5	1385.0	1376.8	1362.2	1339.2	1308.2	1271.3
-50°	1224.1	1225.6	1225.5	1223.4	1225.5	1225.6	1224.1	1218.8	1208.4	1192.0	1172.1
-52.5°	1125.8	1124.3	1122.5	1119.9	1122.5	1124.3	1125.8	1124.9	1120.8	1111.4	1099.8
-55°	1055.2	1052.3	1049.8	1046.9	1049.8	1052.3	1055.2	1056.0	1054.4	1048.1	1039.9
-57.5°	998.9	997.1	995.0	992.1	995.0	997.1	998.9	998.9	997.1	992.6	986.4
-60°	946.6	947.3	946.2	943.4	946.2	947.3	946.6	943.6	938.3	932.2	925.2
-62.5°	879.9	884.7	885.0	882.5	885.0	884.7	879.9	873.2	864.6	857.0	848.7
-65°	795.8	799.9	802.5	803.4	802.5	799.9	795.8	790.2	783.2	775.5	765.8
-67.5°	712.5	715.0	714.5	712.1	714.5	715.0	712.5	708.7	703.8	696.1	684.7
-70°	619.6	618.5	620.1	620.8	620.1	618.5	619.6	619.1	616.9	611.2	601.1
-72.5°	527.3	527.3	526.0	523.4	526.0	527.3	527.3	526.2	523.7	519.7	513.2
-75°	436.5	436.1	434.7	432.1	434.7	436.1	436.5	435.9	434.4	431.6	425.8
-77.5°	341.9	339.4	340.4	340.8	340.4	339.4	341.9	343.3	343.7	342.3	336.2
-80°	254.4	254.4	252.3	249.5	252.3	254.4	254.4	253.7	252.3	250.0	245.8
-82.5°	174.5	175.6	173.2	170.4	173.2	175.6	174.5	173.0	171.2	169.0	166.1
-85°	97.8	96.9	94.2	91.3	94.2	96.9	97.8	98.4	98.8	98.9	95.7
-87.5°	31.7	30.3	30.4	30.4	30.4	30.3	31.7	32.9	34.2	35.2	33.3
-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: P627497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-727-U-MWR-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°	31.4	29.5	27.6	28.3	29.0	29.5	29.9	29.0	28.0	26.9	25.8
85°	92.3	88.7	84.9	83.8	82.5	81.0	79.2	75.8	72.1	68.2	64.2
82.5°	162.7	158.7	154.3	151.2	147.7	143.9	139.4	132.7	125.9	119.0	112.1
80°	241.0	235.5	229.7	224.6	218.9	212.7	205.4	195.1	184.2	173.5	163.4
77.5°	329.3	321.5	313.0	304.4	295.3	285.8	275.2	262.0	248.8	234.9	220.9
75°	418.8	410.5	400.6	389.2	376.7	363.3	349.0	333.2	316.6	299.2	281.6
72.5°	505.6	496.8	486.7	474.5	460.3	444.5	426.9	407.5	387.1	365.7	344.8
70°	590.3	579.0	568.9	558.4	545.1	528.9	508.1	484.7	460.2	435.5	411.3
67.5°	671.8	657.5	647.6	638.0	625.8	611.0	589.4	564.3	536.8	508.0	479.4
65°	753.1	737.1	727.1	718.3	706.7	691.7	669.0	643.5	614.6	582.5	549.3
62.5°	838.0	824.9	813.9	801.1	787.2	770.6	747.8	721.0	691.8	658.1	619.5
60°	917.2	907.6	890.5	874.6	860.5	843.1	816.0	790.3	766.4	727.7	686.2
57.5°	978.9	967.5	951.6	935.2	918.3	895.9	871.7	847.3	819.6	787.0	748.4
55°	1030.1	1017.6	1002.8	986.6	968.2	943.3	918.3	892.4	865.6	838.4	800.7
52.5°	1086.5	1072.7	1055.2	1033.8	1012.6	988.1	960.1	932.5	907.5	879.7	848.8
50°	1153.3	1136.6	1116.6	1093.8	1065.5	1034.9	1005.5	973.3	947.1	920.0	888.6
47.5°	1243.3	1215.6	1186.0	1159.0	1124.1	1087.2	1053.3	1020.2	989.2	959.9	927.8
45°	1378.4	1326.5	1270.6	1233.2	1188.9	1146.8	1103.3	1066.0	1030.5	997.5	967.4
42.5°	1572.4	1489.8	1413.5	1339.2	1268.2	1216.5	1162.3	1116.0	1073.1	1034.0	998.6
40°	1852.6	1710.2	1605.2	1487.9	1392.5	1301.4	1232.3	1169.2	1119.5	1073.1	1030.2
37.5°	2275.7	2040.2	1865.5	1682.6	1549.8	1423.1	1316.4	1234.3	1166.8	1113.0	1063.1
35°	2930.4	2563.1	2235.6	1976.8	1741.7	1574.9	1425.8	1310.8	1224.4	1154.0	1095.7
32.5°	3953.6	3370.8	2776.3	2393.7	2030.8	1758.4	1566.7	1408.3	1286.0	1202.2	1132.2
30°	5544.9	4517.4	3642.9	2929.2	2431.4	2015.2	1723.5	1529.8	1373.3	1251.1	1169.1
27.5°	7854.7	6054.5	4830.9	3718.7	2915.6	2368.8	1950.7	1659.8	1465.3	1319.4	1211.5
25°	10551.0	8396.1	6300.8	4796.5	3614.0	2768.5	2216.1	1841.9	1579.1	1390.6	1248.8
22.5°	13392.7	10865.8	8354.6	6012.1	4480.3	3353.2	2558.6	2025.6	1686.6	1466.5	1303.0
20°	16212.3	13359.1	10498.1	7819.3	5535.2	3925.6	2931.3	2269.3	1836.5	1551.6	1354.4
17.5°	18803.7	15806.2	12671.6	9574.5	6834.4	4796.0	3403.7	2515.7	1967.4	1627.2	1399.0
15°	21257.6	18093.0	14786.5	11436.5	8223.0	5562.6	3806.2	2730.4	2103.5	1715.0	1457.1
12.5°	23480.0	20146.7	16667.5	13037.3	9455.8	6421.8	4343.1	3046.8	2270.7	1806.1	1512.0
10°	25419.9	21860.8	18153.9	14382.4	10647.4	7311.3	4850.6	3316.7	2415.5	1881.7	1556.9
7.5°	26813.2	23210.5	19334.8	15469.6	11616.6	8075.7	5282.1	3530.4	2529.1	1939.5	1591.5
5°	27837.6	24263.0	20319.3	16353.1	12336.1	8647.2	5604.3	3680.6	2610.4	1979.5	1615.6
2.5°	28540.3	24929.0	20978.2	16932.7	12753.6	8982.8	5809.6	3761.4	2648.9	2011.0	1628.8
0°	28740.2	25118.7	21144.3	17236.8	12818.0	9026.2	5891.7	3773.6	2647.6	2026.8	1631.2
-2.5°	28540.3	24929.0	20978.2	16932.7	12753.6	8982.8	5809.6	3761.4	2648.9	2011.0	1628.8
-5°	27837.6	24263.0	20319.3	16353.1	12336.1	8647.2	5604.3	3680.6	2610.4	1979.5	1615.6
-7.5°	26813.2	23210.5	19334.8	15469.6	11616.6	8075.7	5282.1	3530.4	2529.1	1939.5	1591.5
-10°	25419.9	21860.8	18153.9	14382.4	10647.4	7311.3	4850.6	3316.7	2415.5	1881.7	1556.9
-12.5°	23480.0	20146.7	16667.5	13037.3	9455.8	6421.8	4343.1	3046.8	2270.7	1806.1	1512.0
-15°	21257.6	18093.0	14786.5	11436.5	8223.0	5562.6	3806.2	2730.4	2103.5	1715.0	1457.1
-17.5°	18803.7	15806.2	12671.6	9574.5	6834.4	4796.0	3403.7	2515.7	1967.4	1627.2	1399.0
-20°	16212.3	13359.1	10498.1	7819.3	5535.2	3925.6	2931.3	2269.3	1836.5	1551.6	1354.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627497 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA4E-727-U-MWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	13392.7	10865.8	8354.6	6012.1	4480.3	3353.2	2558.6	2025.6	1686.6	1466.5	1303.0
-25°	10551.0	8396.1	6300.8	4796.5	3614.0	2768.5	2216.1	1841.9	1579.1	1390.6	1248.8
-27.5°	7854.7	6054.5	4830.9	3718.7	2915.6	2368.8	1950.7	1659.8	1465.3	1319.4	1211.5
-30°	5544.9	4517.4	3642.9	2929.2	2431.4	2015.2	1723.5	1529.8	1373.3	1251.1	1169.1
-32.5°	3953.6	3370.8	2776.3	2393.7	2030.8	1758.4	1566.7	1408.3	1286.0	1202.2	1132.2
-35°	2930.4	2563.1	2235.6	1976.8	1741.7	1574.9	1425.8	1310.8	1224.4	1154.0	1095.7
-37.5°	2275.7	2040.2	1865.5	1682.6	1549.8	1423.1	1316.4	1234.3	1166.8	1113.0	1063.1
-40°	1852.6	1710.2	1605.2	1487.9	1392.5	1301.4	1232.3	1169.2	1119.5	1073.1	1030.2
-42.5°	1572.4	1489.8	1413.5	1339.2	1268.2	1216.5	1162.3	1116.0	1073.1	1034.0	998.6
-45°	1378.4	1326.5	1270.6	1233.2	1188.9	1146.8	1103.3	1066.0	1030.5	997.5	967.4
-47.5°	1243.3	1215.6	1186.0	1159.0	1124.1	1087.2	1053.3	1020.2	989.2	959.9	927.8
-50°	1153.3	1136.6	1116.6	1093.8	1065.5	1034.9	1005.5	973.3	947.1	920.0	888.6
-52.5°	1086.5	1072.7	1055.2	1033.8	1012.6	988.1	960.1	932.5	907.5	879.7	848.8
-55°	1030.1	1017.6	1002.8	986.6	968.2	943.3	918.3	892.4	865.6	838.4	800.7
-57.5°	978.9	967.5	951.6	935.2	918.3	895.9	871.7	847.3	819.6	787.0	748.4
-60°	917.2	907.6	890.5	874.6	860.5	843.1	816.0	790.3	766.4	727.7	686.2
-62.5°	838.0	824.9	813.9	801.1	787.2	770.6	747.8	721.0	691.8	658.1	619.5
-65°	753.1	737.1	727.1	718.3	706.7	691.7	669.0	643.5	614.6	582.5	549.3
-67.5°	671.8	657.5	647.6	638.0	625.8	611.0	589.4	564.3	536.8	508.0	479.4
-70°	590.3	579.0	568.9	558.4	545.1	528.9	508.1	484.7	460.2	435.5	411.3
-72.5°	505.6	496.8	486.7	474.5	460.3	444.5	426.9	407.5	387.1	365.7	344.8
-75°	418.8	410.5	400.6	389.2	376.7	363.3	349.0	333.2	316.6	299.2	281.6
-77.5°	329.3	321.5	313.0	304.4	295.3	285.8	275.2	262.0	248.8	234.9	220.9
-80°	241.0	235.5	229.7	224.6	218.9	212.7	205.4	195.1	184.2	173.5	163.4
-82.5°	162.7	158.7	154.3	151.2	147.7	143.9	139.4	132.7	125.9	119.0	112.1
-85°	92.3	88.7	84.9	83.8	82.5	81.0	79.2	75.8	72.1	68.2	64.2
-87.5°	31.4	29.5	27.6	28.3	29.0	29.5	29.9	29.0	28.0	26.9	25.8
-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: P627497 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA4E-727-U-MWR-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°	24.7	23.5	22.2	20.9	19.6	18.2	16.8	15.4	13.4	11.4	9.6
85°	60.0	55.6	51.0	46.3	41.3	36.5	33.7	30.8	26.7	22.8	19.2
82.5°	105.2	98.5	91.6	84.5	76.3	68.2	60.3	52.5	44.0	34.9	28.6
80°	154.2	144.6	134.7	124.2	112.3	99.7	88.7	78.1	67.6	56.5	44.7
77.5°	207.5	193.4	178.9	165.7	151.9	137.2	121.5	105.3	91.2	78.0	64.1
75°	264.3	247.3	229.8	211.8	193.3	174.5	156.6	137.9	119.0	99.9	83.3
72.5°	324.6	303.5	281.7	259.4	237.8	215.6	192.9	170.2	148.3	126.0	103.3
70°	386.5	360.8	335.4	310.2	283.8	256.5	230.6	203.9	177.2	151.7	126.0
67.5°	449.7	420.8	390.9	361.2	331.9	301.1	268.6	237.3	207.0	177.2	148.3
65°	516.2	482.0	446.8	413.2	379.6	346.0	310.4	271.5	236.1	202.8	170.2
62.5°	581.6	544.2	504.8	464.7	426.5	389.2	351.5	308.2	265.5	227.8	191.8
60°	644.9	603.1	560.6	516.3	472.8	431.1	389.2	343.9	297.3	252.2	212.9
57.5°	703.1	659.0	611.7	565.0	518.2	472.0	425.6	377.6	328.3	278.7	233.4
55°	757.6	709.7	660.2	609.8	560.7	511.5	461.1	409.9	358.0	305.1	253.4
52.5°	808.8	758.8	706.3	652.7	599.6	548.8	495.7	441.3	386.3	330.5	275.5
50°	853.6	806.5	751.0	694.4	636.8	583.2	529.2	471.7	413.6	354.9	297.0
47.5°	891.3	848.0	794.3	734.7	674.2	616.8	560.5	501.1	440.0	378.3	317.7
45°	928.0	886.4	834.4	773.6	711.1	650.5	590.7	529.4	465.4	401.0	337.4
42.5°	962.5	920.9	872.4	810.9	746.3	682.8	620.0	556.1	489.7	422.5	356.2
40°	991.8	951.1	908.1	846.8	779.6	713.3	647.9	581.7	512.9	443.0	373.9
37.5°	1020.4	978.7	934.4	880.6	810.8	741.9	674.1	606.4	535.3	462.8	390.6
35°	1048.1	1004.9	958.0	906.8	839.8	768.6	698.5	629.4	556.3	481.7	406.3
32.5°	1072.8	1028.4	979.7	928.0	866.5	793.3	721.1	649.7	575.8	499.6	420.8
30°	1102.3	1048.2	999.2	948.9	889.4	815.8	742.0	668.6	593.7	516.5	434.5
27.5°	1130.4	1067.2	1016.7	966.2	907.3	836.4	761.4	686.1	610.1	531.8	448.0
25°	1157.7	1088.9	1033.0	980.7	924.5	856.0	779.2	702.1	624.6	545.2	460.4
22.5°	1189.0	1108.8	1048.1	993.3	941.0	873.7	795.3	716.5	637.5	557.2	471.8
20°	1216.9	1125.2	1062.1	1005.2	953.3	887.1	809.6	729.5	649.0	567.8	482.1
17.5°	1244.1	1143.9	1075.8	1016.6	962.5	898.8	822.3	740.8	659.1	577.0	491.3
15°	1281.9	1165.2	1087.8	1026.4	970.3	908.8	833.1	750.5	667.7	584.8	499.5
12.5°	1314.3	1183.0	1097.6	1034.4	976.7	917.1	842.0	758.5	674.9	591.8	506.8
10°	1340.5	1197.3	1105.3	1040.6	981.6	923.5	849.1	765.3	681.6	597.8	512.7
7.5°	1360.5	1207.9	1110.7	1044.9	985.0	928.3	855.6	771.3	687.0	602.5	517.4
5°	1374.1	1214.9	1115.3	1047.4	986.8	931.2	860.4	775.6	690.8	605.9	520.7
2.5°	1381.1	1218.0	1118.7	1048.1	987.2	932.1	863.3	778.2	693.1	607.9	522.7
0°	1381.6	1217.3	1119.9	1046.9	986.0	931.2	864.3	779.1	693.9	608.6	523.4
-2.5°	1381.1	1218.0	1118.7	1048.1	987.2	932.1	863.3	778.2	693.1	607.9	522.7
-5°	1374.1	1214.9	1115.3	1047.4	986.8	931.2	860.4	775.6	690.8	605.9	520.7
-7.5°	1360.5	1207.9	1110.7	1044.9	985.0	928.3	855.6	771.3	687.0	602.5	517.4
-10°	1340.5	1197.3	1105.3	1040.6	981.6	923.5	849.1	765.3	681.6	597.8	512.7
-12.5°	1314.3	1183.0	1097.6	1034.4	976.7	917.1	842.0	758.5	674.9	591.8	506.8
-15°	1281.9	1165.2	1087.8	1026.4	970.3	908.8	833.1	750.5	667.7	584.8	499.5
-17.5°	1244.1	1143.9	1075.8	1016.6	962.5	898.8	822.3	740.8	659.1	577.0	491.3
-20°	1216.9	1125.2	1062.1	1005.2	953.3	887.1	809.6	729.5	649.0	567.8	482.1



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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°	1189.0	1108.8	1048.1	993.3	941.0	873.7	795.3	716.5	637.5	557.2	471.8
-25°	1157.7	1088.9	1033.0	980.7	924.5	856.0	779.2	702.1	624.6	545.2	460.4
-27.5°	1130.4	1067.2	1016.7	966.2	907.3	836.4	761.4	686.1	610.1	531.8	448.0
-30°	1102.3	1048.2	999.2	948.9	889.4	815.8	742.0	668.6	593.7	516.5	434.5
-32.5°	1072.8	1028.4	979.7	928.0	866.5	793.3	721.1	649.7	575.8	499.6	420.8
-35°	1048.1	1004.9	958.0	906.8	839.8	768.6	698.5	629.4	556.3	481.7	406.3
-37.5°	1020.4	978.7	934.4	880.6	810.8	741.9	674.1	606.4	535.3	462.8	390.6
-40°	991.8	951.1	908.1	846.8	779.6	713.3	647.9	581.7	512.9	443.0	373.9
-42.5°	962.5	920.9	872.4	810.9	746.3	682.8	620.0	556.1	489.7	422.5	356.2
-45°	928.0	886.4	834.4	773.6	711.1	650.5	590.7	529.4	465.4	401.0	337.4
-47.5°	891.3	848.0	794.3	734.7	674.2	616.8	560.5	501.1	440.0	378.3	317.7
-50°	853.6	806.5	751.0	694.4	636.8	583.2	529.2	471.7	413.6	354.9	297.0
-52.5°	808.8	758.8	706.3	652.7	599.6	548.8	495.7	441.3	386.3	330.5	275.5
-55°	757.6	709.7	660.2	609.8	560.7	511.5	461.1	409.9	358.0	305.1	253.4
-57.5°	703.1	659.0	611.7	565.0	518.2	472.0	425.6	377.6	328.3	278.7	233.4
-60°	644.9	603.1	560.6	516.3	472.8	431.1	389.2	343.9	297.3	252.2	212.9
-62.5°	581.6	544.2	504.8	464.7	426.5	389.2	351.5	308.2	265.5	227.8	191.8
-65°	516.2	482.0	446.8	413.2	379.6	346.0	310.4	271.5	236.1	202.8	170.2
-67.5°	449.7	420.8	390.9	361.2	331.9	301.1	268.6	237.3	207.0	177.2	148.3
-70°	386.5	360.8	335.4	310.2	283.8	256.5	230.6	203.9	177.2	151.7	126.0
-72.5°	324.6	303.5	281.7	259.4	237.8	215.6	192.9	170.2	148.3	126.0	103.3
-75°	264.3	247.3	229.8	211.8	193.3	174.5	156.6	137.9	119.0	99.9	83.3
-77.5°	207.5	193.4	178.9	165.7	151.9	137.2	121.5	105.3	91.2	78.0	64.1
-80°	154.2	144.6	134.7	124.2	112.3	99.7	88.7	78.1	67.6	56.5	44.7
-82.5°	105.2	98.5	91.6	84.5	76.3	68.2	60.3	52.5	44.0	34.9	28.6
-85°	60.0	55.6	51.0	46.3	41.3	36.5	33.7	30.8	26.7	22.8	19.2
-87.5°	24.7	23.5	22.2	20.9	19.6	18.2	16.8	15.4	13.4	11.4	9.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	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°	7.9	6.6	5.3	4.0	2.6	1.3	0.0
85°	15.7	13.1	10.5	7.9	5.3	2.6	0.0
82.5°	23.5	19.7	15.8	11.9	7.9	4.0	0.0
80°	32.4	26.2	21.0	15.8	10.5	5.3	0.0
77.5°	49.5	35.4	26.2	19.7	13.1	6.6	0.0
75°	66.3	49.5	32.4	23.5	15.7	7.9	0.0
72.5°	83.0	63.4	43.6	27.4	18.3	9.1	0.0
70°	99.9	77.2	54.7	32.0	20.8	10.4	0.0
67.5°	118.9	90.7	65.5	40.1	23.2	11.6	0.0
65°	137.5	105.0	76.2	48.1	25.7	12.8	0.0
62.5°	155.6	120.0	86.7	56.0	28.0	14.0	0.0
60°	173.3	134.5	96.9	63.7	30.4	15.2	0.0
57.5°	191.0	148.7	108.0	71.2	35.3	16.3	0.0
55°	208.4	162.4	118.9	78.5	40.0	17.4	0.0
52.5°	225.3	175.8	129.4	85.5	44.6	18.5	0.0
50°	241.9	189.6	139.5	92.4	49.1	19.5	0.0
47.5°	258.1	203.0	149.1	99.1	53.3	20.5	0.0
45°	274.9	216.0	158.4	106.1	57.4	21.5	0.0
42.5°	291.0	228.4	167.2	112.7	61.2	22.4	0.0
40°	306.2	240.4	176.2	118.8	64.8	23.3	0.0
37.5°	320.5	251.8	185.2	124.5	68.3	24.1	0.0
35°	334.0	263.0	193.8	129.8	71.5	24.9	0.0
32.5°	346.5	273.5	202.0	134.8	74.4	25.6	0.0
30°	358.1	283.2	209.6	139.4	77.2	26.3	0.0
27.5°	368.8	292.2	216.3	143.7	79.7	27.0	0.0
25°	378.4	300.4	222.5	147.6	82.0	27.6	0.0
22.5°	387.1	307.7	228.0	151.1	84.0	28.1	0.0
20°	394.8	313.9	233.0	154.2	85.8	28.6	0.0
17.5°	401.8	319.4	237.3	156.9	87.3	29.0	0.0
15°	408.0	324.0	241.0	159.2	88.6	29.4	0.0
12.5°	413.4	327.8	244.0	161.1	89.7	29.7	0.0
10°	417.9	330.9	246.4	162.6	90.5	29.9	0.0
7.5°	421.4	333.1	248.2	163.6	91.0	30.1	0.0
5°	424.0	334.5	249.3	164.3	91.4	30.3	0.0
2.5°	425.6	335.1	249.7	164.5	91.5	30.4	0.0
0°	426.1	334.8	249.5	164.3	91.3	30.4	0.0
-2.5°	425.6	335.1	249.7	164.5	91.5	30.4	0.0
-5°	424.0	334.5	249.3	164.3	91.4	30.3	0.0
-7.5°	421.4	333.1	248.2	163.6	91.0	30.1	0.0
-10°	417.9	330.9	246.4	162.6	90.5	29.9	0.0
-12.5°	413.4	327.8	244.0	161.1	89.7	29.7	0.0
-15°	408.0	324.0	241.0	159.2	88.6	29.4	0.0
-17.5°	401.8	319.4	237.3	156.9	87.3	29.0	0.0
-20°	394.8	313.9	233.0	154.2	85.8	28.6	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	387.1	307.7	228.0	151.1	84.0	28.1	0.0
-25°	378.4	300.4	222.5	147.6	82.0	27.6	0.0
-27.5°	368.8	292.2	216.3	143.7	79.7	27.0	0.0
-30°	358.1	283.2	209.6	139.4	77.2	26.3	0.0
-32.5°	346.5	273.5	202.0	134.8	74.4	25.6	0.0
-35°	334.0	263.0	193.8	129.8	71.5	24.9	0.0
-37.5°	320.5	251.8	185.2	124.5	68.3	24.1	0.0
-40°	306.2	240.4	176.2	118.8	64.8	23.3	0.0
-42.5°	291.0	228.4	167.2	112.7	61.2	22.4	0.0
-45°	274.9	216.0	158.4	106.1	57.4	21.5	0.0
-47.5°	258.1	203.0	149.1	99.1	53.3	20.5	0.0
-50°	241.9	189.6	139.5	92.4	49.1	19.5	0.0
-52.5°	225.3	175.8	129.4	85.5	44.6	18.5	0.0
-55°	208.4	162.4	118.9	78.5	40.0	17.4	0.0
-57.5°	191.0	148.7	108.0	71.2	35.3	16.3	0.0
-60°	173.3	134.5	96.9	63.7	30.4	15.2	0.0
-62.5°	155.6	120.0	86.7	56.0	28.0	14.0	0.0
-65°	137.5	105.0	76.2	48.1	25.7	12.8	0.0
-67.5°	118.9	90.7	65.5	40.1	23.2	11.6	0.0
-70°	99.9	77.2	54.7	32.0	20.8	10.4	0.0
-72.5°	83.0	63.4	43.6	27.4	18.3	9.1	0.0
-75°	66.3	49.5	32.4	23.5	15.7	7.9	0.0
-77.5°	49.5	35.4	26.2	19.7	13.1	6.6	0.0
-80°	32.4	26.2	21.0	15.8	10.5	5.3	0.0
-82.5°	23.5	19.7	15.8	11.9	7.9	4.0	0.0
-85°	15.7	13.1	10.5	7.9	5.3	2.6	0.0
-87.5°	7.9	6.6	5.3	4.0	2.6	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)