

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



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State
Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P627281 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-735-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627281 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-17)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3E-735-U-VWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N76
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

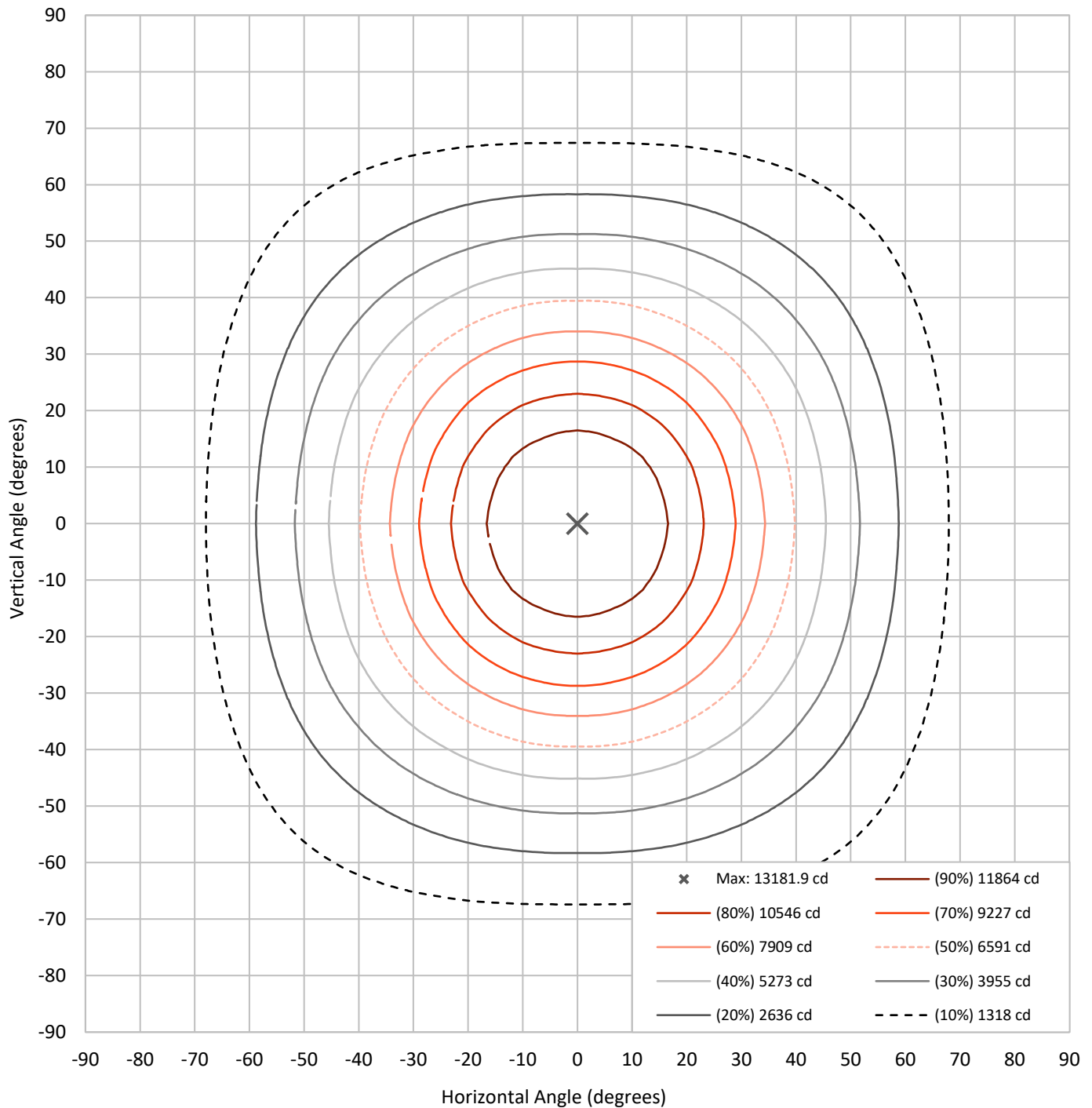
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	23825.1 lumens	Max Intensity:	13181.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	128.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	79.6°H x 78.9°V	Field Angle (10%):	135.9°H x 134.8°V
Beam Lumens:	13973.5 lumens	Field Lumens:	22713.1 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	185.2		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





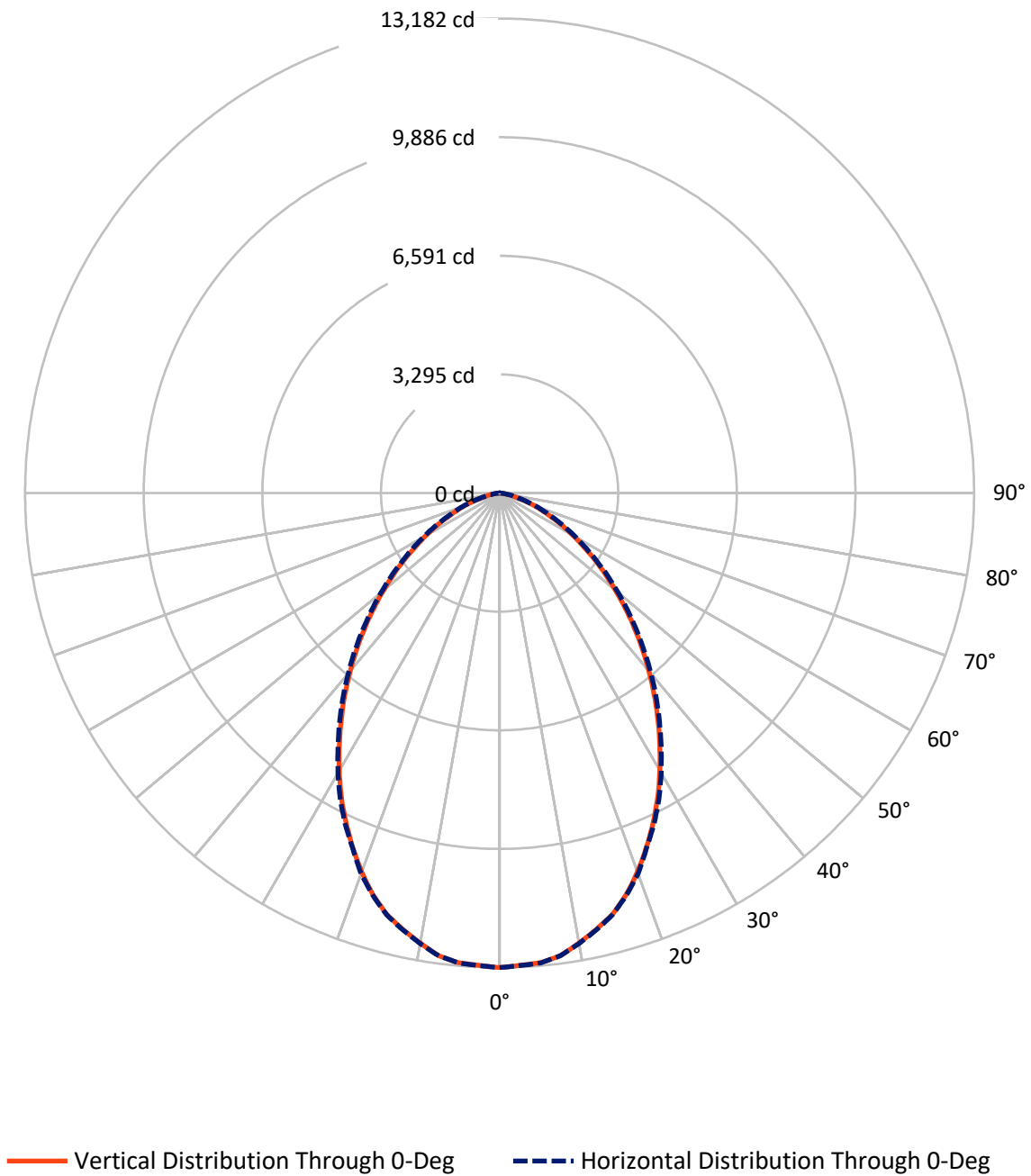
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Lumen Table

90																			
80	0.8	9.8	26.6	45.1	42.5	45.1	26.6	9.8	0.8										
70																			
60	4.4	6.1	12.3	21.0	30.8	39.7	46.5	49.7	49.7	46.5	39.7	30.8	21.0	12.3	6.1	4.4			
50																			
40	7.8	9.2	20.0	35.7	54.1	73.6	89.5	97.8	97.8	89.5	73.6	54.1	35.7	20.0	9.2	7.8			
30																			
20	10.0	12.3	29.0	53.5	84.7	117.5	144.9	159.9	159.9	144.9	117.5	84.7	53.5	29.0	12.3	10.0			
10																			
0	10.9	15.6	38.4	73.6	118.6	166.3	207.1	230.2	230.2	207.1	166.3	118.6	73.6	38.4	15.6	10.9			
-10																			
-20	10.0	18.6	47.2	92.6	151.0	214.4	269.7	301.4	301.4	269.7	214.4	151.0	92.6	47.2	18.6	10.0			
-30																			
-40	7.8	21.0	54.1	106.8	176.3	253.4	321.4	360.0	360.0	321.4	253.4	176.3	106.8	54.1	21.0	7.8			
-50																			
-60	4.4	22.3	57.8	114.8	190.4	275.0	349.3	390.0	390.0	349.3	275.0	190.4	114.8	57.8	22.3	4.4			
-70																			
-80	0.8	22.3	57.8	114.8	190.4	275.0	349.3	390.0	390.0	349.3	275.0	190.4	114.8	57.8	22.3	0.8			
-90																			

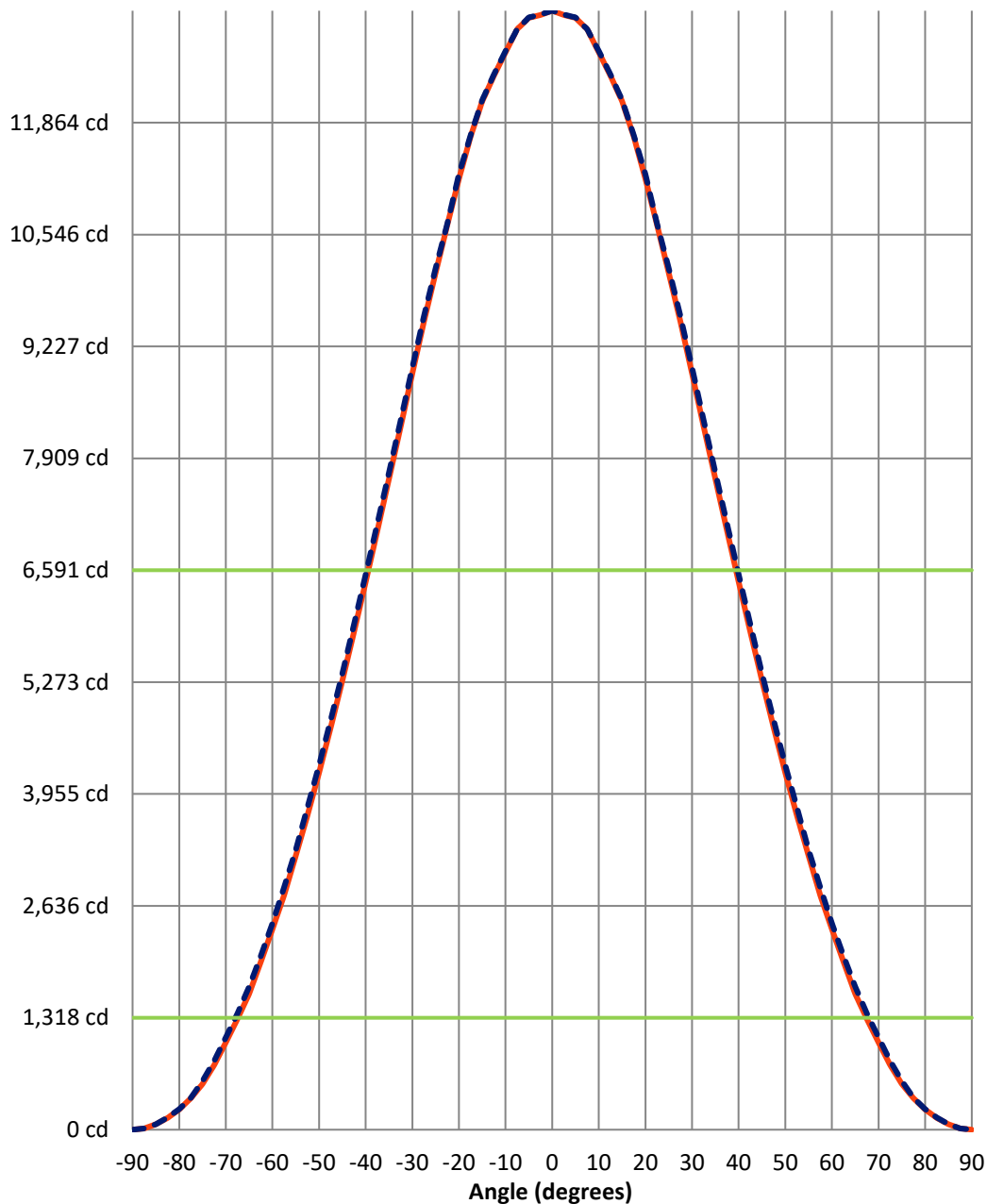
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 13973.5
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 22713.1
 Efficiency: 95.3%

Spill:
 Lumens: 1112
 Efficiency: 4.7%

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

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FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.8	1.7	2.6	3.4	4.3	5.1	6.0	6.8	7.6	8.4
85°	0.0	1.5	3.4	5.2	6.9	8.6	10.2	11.9	13.5	15.1	16.7
82.5°	0.0	2.3	5.2	7.7	10.3	12.8	15.3	17.8	22.3	35.1	47.3
80°	0.0	3.0	6.8	10.3	13.7	17.1	23.1	41.0	58.3	74.9	90.8
77.5°	0.0	3.7	8.5	12.8	17.1	26.7	50.2	72.8	94.1	114.5	139.8
75°	0.0	4.5	10.1	15.3	22.2	46.2	76.7	104.4	131.0	167.6	206.4
72.5°	0.0	5.2	11.8	17.8	35.4	65.1	102.3	138.4	180.1	224.6	271.8
70°	0.0	5.9	13.3	21.3	48.1	83.4	128.0	179.1	228.2	280.6	342.0
67.5°	0.0	6.5	14.8	29.2	60.4	100.9	158.8	218.8	275.3	341.5	411.8
65°	0.0	7.2	16.3	36.8	72.1	120.5	188.2	257.5	326.1	400.5	477.1
62.5°	0.0	7.9	17.7	44.0	83.2	141.9	216.1	297.9	375.2	457.0	535.5
60°	0.0	8.5	19.1	50.8	93.6	162.2	242.5	338.0	422.5	509.7	593.1
57.5°	0.0	9.1	23.0	57.3	107.4	181.3	270.2	375.4	469.1	561.6	647.8
55°	0.0	9.7	26.7	63.3	120.7	199.0	296.5	407.7	514.9	611.7	700.2
52.5°	0.0	10.2	30.3	68.8	133.0	215.8	320.8	441.3	559.6	657.9	751.3
50°	0.0	10.7	33.8	73.9	144.3	233.7	343.1	473.1	602.1	702.7	809.9
47.5°	0.0	11.2	37.1	79.1	154.6	250.0	364.0	502.8	640.7	746.0	867.3
45°	0.0	11.7	40.2	86.0	163.9	264.8	387.3	530.1	670.6	795.0	922.2
42.5°	0.0	12.2	43.2	92.2	172.2	277.9	408.5	555.2	699.3	841.9	986.8
40°	0.0	12.6	45.9	98.5	180.4	289.3	427.9	579.0	729.1	885.9	1049.8
37.5°	0.0	12.9	48.5	104.8	188.7	299.1	445.1	601.6	762.6	927.6	1108.8
35°	0.0	13.3	51.0	110.7	195.7	310.4	460.4	622.9	795.2	975.6	1168.3
32.5°	0.0	13.6	53.2	116.1	201.6	321.7	474.5	642.7	826.8	1021.8	1231.4
30°	0.0	13.9	55.2	121.0	206.3	331.3	489.2	662.6	857.4	1065.9	1290.3
27.5°	0.0	14.2	57.1	125.5	213.4	339.3	502.4	685.8	888.8	1107.7	1344.9
25°	0.0	14.4	58.7	129.5	220.0	345.6	514.0	707.2	921.6	1150.4	1395.5
22.5°	0.0	14.6	60.2	133.0	225.8	352.0	523.9	726.9	951.7	1190.7	1449.3
20°	0.0	14.7	61.4	136.1	230.9	360.8	532.1	744.6	979.1	1226.7	1497.6
17.5°	0.0	14.8	62.5	138.7	235.1	367.9	542.4	760.2	1003.5	1258.4	1540.2
15°	0.0	14.9	63.3	140.8	238.5	373.5	553.0	775.0	1024.7	1285.5	1576.9
12.5°	0.0	15.0	63.9	142.4	241.1	377.5	561.7	789.0	1043.9	1308.1	1607.6
10°	0.0	15.0	64.4	143.5	242.9	380.0	568.3	799.8	1060.4	1329.2	1633.5
7.5°	0.0	15.0	64.6	144.1	243.9	381.0	572.8	807.3	1073.2	1346.2	1655.9
5°	0.0	15.0	64.7	144.3	244.1	380.5	575.2	811.6	1082.0	1358.6	1671.9
2.5°	0.0	14.9	64.5	144.0	243.5	378.7	575.3	812.6	1086.6	1366.1	1681.6
0°	0.0	14.8	64.2	143.3	242.1	375.5	573.1	810.3	1087.0	1368.6	1684.8
-2.5°	0.0	14.9	64.5	144.0	243.5	378.7	575.3	812.6	1086.6	1366.1	1681.6
-5°	0.0	15.0	64.7	144.3	244.1	380.5	575.2	811.6	1082.0	1358.6	1671.9
-7.5°	0.0	15.0	64.6	144.1	243.9	381.0	572.8	807.3	1073.2	1346.2	1655.9
-10°	0.0	15.0	64.4	143.5	242.9	380.0	568.3	799.8	1060.4	1329.2	1633.5
-12.5°	0.0	15.0	63.9	142.4	241.1	377.5	561.7	789.0	1043.9	1308.1	1607.6
-15°	0.0	14.9	63.3	140.8	238.5	373.5	553.0	775.0	1024.7	1285.5	1576.9
-17.5°	0.0	14.8	62.5	138.7	235.1	367.9	542.4	760.2	1003.5	1258.4	1540.2
-20°	0.0	14.7	61.4	136.1	230.9	360.8	532.1	744.6	979.1	1226.7	1497.6

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	14.6	60.2	133.0	225.8	352.0	523.9	726.9	951.7	1190.7	1449.3
-25°	0.0	14.4	58.7	129.5	220.0	345.6	514.0	707.2	921.6	1150.4	1395.5
-27.5°	0.0	14.2	57.1	125.5	213.4	339.3	502.4	685.8	888.8	1107.7	1344.9
-30°	0.0	13.9	55.2	121.0	206.3	331.3	489.2	662.6	857.4	1065.9	1290.3
-32.5°	0.0	13.6	53.2	116.1	201.6	321.7	474.5	642.7	826.8	1021.8	1231.4
-35°	0.0	13.3	51.0	110.7	195.7	310.4	460.4	622.9	795.2	975.6	1168.3
-37.5°	0.0	12.9	48.5	104.8	188.7	299.1	445.1	601.6	762.6	927.6	1108.8
-40°	0.0	12.6	45.9	98.5	180.4	289.3	427.9	579.0	729.1	885.9	1049.8
-42.5°	0.0	12.2	43.2	92.2	172.2	277.9	408.5	555.2	699.3	841.9	986.8
-45°	0.0	11.7	40.2	86.0	163.9	264.8	387.3	530.1	670.6	795.0	922.2
-47.5°	0.0	11.2	37.1	79.1	154.6	250.0	364.0	502.8	640.7	746.0	867.3
-50°	0.0	10.7	33.8	73.9	144.3	233.7	343.1	473.1	602.1	702.7	809.9
-52.5°	0.0	10.2	30.3	68.8	133.0	215.8	320.8	441.3	559.6	657.9	751.3
-55°	0.0	9.7	26.7	63.3	120.7	199.0	296.5	407.7	514.9	611.7	700.2
-57.5°	0.0	9.1	23.0	57.3	107.4	181.3	270.2	375.4	469.1	561.6	647.8
-60°	0.0	8.5	19.1	50.8	93.6	162.2	242.5	338.0	422.5	509.7	593.1
-62.5°	0.0	7.9	17.7	44.0	83.2	141.9	216.1	297.9	375.2	457.0	535.5
-65°	0.0	7.2	16.3	36.8	72.1	120.5	188.2	257.5	326.1	400.5	477.1
-67.5°	0.0	6.5	14.8	29.2	60.4	100.9	158.8	218.8	275.3	341.5	411.8
-70°	0.0	5.9	13.3	21.3	48.1	83.4	128.0	179.1	228.2	280.6	342.0
-72.5°	0.0	5.2	11.8	17.8	35.4	65.1	102.3	138.4	180.1	224.6	271.8
-75°	0.0	4.5	10.1	15.3	22.2	46.2	76.7	104.4	131.0	167.6	206.4
-77.5°	0.0	3.7	8.5	12.8	17.1	26.7	50.2	72.8	94.1	114.5	139.8
-80°	0.0	3.0	6.8	10.3	13.7	17.1	23.1	41.0	58.3	74.9	90.8
-82.5°	0.0	2.3	5.2	7.7	10.3	12.8	15.3	17.8	22.3	35.1	47.3
-85°	0.0	1.5	3.4	5.2	6.9	8.6	10.2	11.9	13.5	15.1	16.7
-87.5°	0.0	0.8	1.7	2.6	3.4	4.3	5.1	6.0	6.8	7.6	8.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.7	11.1	12.6	14.2	14.3	14.3	14.2	14.0	14.6	15.2	15.7
85°	19.4	22.2	30.8	39.1	43.1	45.6	46.7	46.5	54.1	62.9	72.4
82.5°	60.1	72.5	84.3	95.5	98.5	98.5	97.6	97.9	115.7	136.0	156.9
80°	107.0	122.7	143.6	162.1	170.1	174.3	176.2	175.9	198.4	228.3	259.8
77.5°	169.8	196.3	219.3	238.9	249.4	258.8	266.3	272.2	301.1	338.9	376.5
75°	241.3	270.4	299.2	324.4	341.9	355.0	367.1	386.7	424.5	468.7	507.1
72.5°	316.8	353.9	386.0	413.3	438.0	464.2	493.5	525.6	565.5	609.7	649.9
70°	397.4	438.2	471.8	504.7	538.3	577.5	621.5	664.8	709.4	758.1	804.9
67.5°	476.3	515.6	555.2	596.6	647.0	699.5	751.5	811.2	872.3	926.4	974.7
65°	544.7	590.8	640.4	696.7	758.9	825.6	895.0	966.6	1044.1	1109.0	1168.2
62.5°	610.1	665.6	725.9	796.0	875.2	954.2	1042.8	1132.4	1219.6	1296.1	1366.8
60°	670.4	737.6	813.8	899.7	992.3	1097.3	1198.2	1300.1	1395.7	1482.3	1571.7
57.5°	729.1	813.6	905.0	1008.2	1125.2	1243.2	1361.7	1471.4	1579.6	1685.2	1786.3
55°	791.2	893.0	1001.8	1128.4	1260.3	1399.8	1527.4	1649.8	1769.1	1897.2	2019.0
52.5°	859.5	973.2	1109.3	1251.1	1403.4	1553.2	1693.4	1832.8	1977.0	2122.0	2280.5
50°	925.4	1067.1	1216.3	1381.1	1545.7	1706.2	1867.0	2027.6	2200.3	2378.1	2557.8
47.5°	1002.3	1157.0	1333.3	1510.1	1689.9	1868.5	2047.7	2241.7	2438.0	2644.2	2842.9
45°	1080.3	1254.1	1444.1	1644.0	1838.4	2036.2	2245.7	2460.2	2690.3	2917.1	3156.2
42.5°	1154.1	1350.7	1560.1	1775.9	1992.2	2213.2	2443.6	2694.2	2945.6	3207.2	3469.9
40°	1235.9	1442.5	1673.4	1911.1	2145.8	2390.8	2654.1	2925.5	3210.0	3497.6	3782.9
37.5°	1314.5	1541.6	1784.3	2040.3	2303.6	2572.8	2858.8	3166.8	3475.4	3784.9	4099.4
35°	1388.2	1635.7	1898.5	2170.2	2449.6	2755.7	3075.4	3404.2	3738.5	4073.2	4411.6
32.5°	1464.0	1724.3	2007.6	2298.4	2606.3	2934.6	3284.7	3641.0	3997.0	4354.5	4724.9
30°	1539.9	1817.3	2113.3	2419.7	2756.4	3114.1	3490.4	3867.8	4244.5	4637.8	5032.5
27.5°	1611.7	1905.5	2217.2	2545.0	2900.3	3280.3	3680.0	4084.3	4490.4	4908.6	5329.6
25°	1677.8	1989.0	2313.6	2665.6	3042.1	3440.3	3856.6	4278.5	4723.9	5171.4	5611.0
22.5°	1742.2	2065.8	2402.8	2776.7	3170.6	3588.8	4022.3	4467.9	4933.2	5413.9	5868.8
20°	1804.2	2138.8	2489.7	2877.3	3285.7	3722.6	4173.0	4639.5	5127.7	5621.2	6110.6
17.5°	1859.3	2203.8	2570.6	2971.4	3395.6	3844.8	4308.7	4790.5	5300.5	5812.0	6330.6
15°	1907.2	2260.3	2640.6	3053.6	3492.7	3955.9	4434.6	4930.2	5453.3	5985.9	6525.0
12.5°	1947.7	2308.2	2699.6	3123.4	3575.2	4051.2	4542.9	5055.8	5593.1	6140.6	6695.4
10°	1980.7	2347.2	2747.3	3180.4	3642.5	4130.0	4632.0	5159.4	5712.8	6272.2	6838.6
7.5°	2008.7	2379.8	2785.2	3224.5	3694.3	4191.7	4701.4	5240.2	5808.1	6374.8	6953.7
5°	2029.1	2406.0	2819.9	3261.3	3739.4	4239.9	4754.0	5297.8	5877.8	6447.9	7037.1
2.5°	2041.4	2423.2	2843.6	3285.3	3774.9	4276.0	4800.7	5348.7	5928.9	6505.9	7099.9
0°	2045.5	2430.8	2855.7	3295.5	3794.5	4293.5	4827.1	5375.5	5953.6	6541.5	7139.3
-2.5°	2041.4	2423.2	2843.6	3285.3	3774.9	4276.0	4800.7	5348.7	5928.9	6505.9	7099.9
-5°	2029.1	2406.0	2819.9	3261.3	3739.4	4239.9	4754.0	5297.8	5877.8	6447.9	7037.1
-7.5°	2008.7	2379.8	2785.2	3224.5	3694.3	4191.7	4701.4	5240.2	5808.1	6374.8	6953.7
-10°	1980.7	2347.2	2747.3	3180.4	3642.5	4130.0	4632.0	5159.4	5712.8	6272.2	6838.6
-12.5°	1947.7	2308.2	2699.6	3123.4	3575.2	4051.2	4542.9	5055.8	5593.1	6140.6	6695.4
-15°	1907.2	2260.3	2640.6	3053.6	3492.7	3955.9	4434.6	4930.2	5453.3	5985.9	6525.0
-17.5°	1859.3	2203.8	2570.6	2971.4	3395.6	3844.8	4308.7	4790.5	5300.5	5812.0	6330.6
-20°	1804.2	2138.8	2489.7	2877.3	3285.7	3722.6	4173.0	4639.5	5127.7	5621.2	6110.6



REPORT NUMBER: P627281 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1742.2	2065.8	2402.8	2776.7	3170.6	3588.8	4022.3	4467.9	4933.2	5413.9	5868.8
-25°	1677.8	1989.0	2313.6	2665.6	3042.1	3440.3	3856.6	4278.5	4723.9	5171.4	5611.0
-27.5°	1611.7	1905.5	2217.2	2545.0	2900.3	3280.3	3680.0	4084.3	4490.4	4908.6	5329.6
-30°	1539.9	1817.3	2113.3	2419.7	2756.4	3114.1	3490.4	3867.8	4244.5	4637.8	5032.5
-32.5°	1464.0	1724.3	2007.6	2298.4	2606.3	2934.6	3284.7	3641.0	3997.0	4354.5	4724.9
-35°	1388.2	1635.7	1898.5	2170.2	2449.6	2755.7	3075.4	3404.2	3738.5	4073.2	4411.6
-37.5°	1314.5	1541.6	1784.3	2040.3	2303.6	2572.8	2858.8	3166.8	3475.4	3784.9	4099.4
-40°	1235.9	1442.5	1673.4	1911.1	2145.8	2390.8	2654.1	2925.5	3210.0	3497.6	3782.9
-42.5°	1154.1	1350.7	1560.1	1775.9	1992.2	2213.2	2443.6	2694.2	2945.6	3207.2	3469.9
-45°	1080.3	1254.1	1444.1	1644.0	1838.4	2036.2	2245.7	2460.2	2690.3	2917.1	3156.2
-47.5°	1002.3	1157.0	1333.3	1510.1	1689.9	1868.5	2047.7	2241.7	2438.0	2644.2	2842.9
-50°	925.4	1067.1	1216.3	1381.1	1545.7	1706.2	1867.0	2027.6	2200.3	2378.1	2557.8
-52.5°	859.5	973.2	1109.3	1251.1	1403.4	1553.2	1693.4	1832.8	1977.0	2122.0	2280.5
-55°	791.2	893.0	1001.8	1128.4	1260.3	1399.8	1527.4	1649.8	1769.1	1897.2	2019.0
-57.5°	729.1	813.6	905.0	1008.2	1125.2	1243.2	1361.7	1471.4	1579.6	1685.2	1786.3
-60°	670.4	737.6	813.8	899.7	992.3	1097.3	1198.2	1300.1	1395.7	1482.3	1571.7
-62.5°	610.1	665.6	725.9	796.0	875.2	954.2	1042.8	1132.4	1219.6	1296.1	1366.8
-65°	544.7	590.8	640.4	696.7	758.9	825.6	895.0	966.6	1044.1	1109.0	1168.2
-67.5°	476.3	515.6	555.2	596.6	647.0	699.5	751.5	811.2	872.3	926.4	974.7
-70°	397.4	438.2	471.8	504.7	538.3	577.5	621.5	664.8	709.4	758.1	804.9
-72.5°	316.8	353.9	386.0	413.3	438.0	464.2	493.5	525.6	565.5	609.7	649.9
-75°	241.3	270.4	299.2	324.4	341.9	355.0	367.1	386.7	424.5	468.7	507.1
-77.5°	169.8	196.3	219.3	238.9	249.4	258.8	266.3	272.2	301.1	338.9	376.5
-80°	107.0	122.7	143.6	162.1	170.1	174.3	176.2	175.9	198.4	228.3	259.8
-82.5°	60.1	72.5	84.3	95.5	98.5	98.5	97.6	97.9	115.7	136.0	156.9
-85°	19.4	22.2	30.8	39.1	43.1	45.6	46.7	46.5	54.1	62.9	72.4
-87.5°	9.7	11.1	12.6	14.2	14.3	14.3	14.2	14.0	14.6	15.2	15.7
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627281 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	16.2	16.7	17.1	17.6	17.9	18.3	18.6	18.9	19.1	18.1	17.0
85°	82.6	88.4	93.8	99.0	104.0	108.7	113.1	117.3	121.0	110.6	98.9
82.5°	178.3	192.5	206.1	219.7	233.1	236.5	237.5	237.0	235.1	216.7	196.3
80°	290.9	315.2	338.0	360.6	383.0	385.5	382.9	378.3	371.8	347.6	320.3
77.5°	413.9	444.4	471.1	495.6	517.8	522.0	521.4	520.3	518.5	493.8	464.0
75°	540.0	569.9	598.6	623.1	643.5	652.9	657.5	660.7	662.5	644.8	621.6
72.5°	686.2	717.3	742.7	766.4	786.5	801.1	811.5	819.4	824.8	819.4	809.9
70°	844.9	878.2	906.2	933.0	960.3	982.2	998.6	1010.6	1018.2	1023.1	1026.6
67.5°	1023.6	1068.2	1107.2	1140.5	1173.5	1204.4	1229.7	1250.5	1266.5	1280.1	1290.6
65°	1224.8	1282.0	1332.6	1379.1	1421.7	1466.5	1503.3	1534.2	1559.0	1579.5	1596.0
62.5°	1436.4	1506.4	1571.4	1634.5	1696.3	1757.2	1804.0	1846.5	1884.3	1916.9	1942.8
60°	1656.3	1735.8	1823.1	1906.4	1983.0	2053.1	2122.6	2182.9	2234.4	2277.2	2311.7
57.5°	1892.7	1995.7	2097.7	2201.1	2298.9	2390.3	2475.9	2551.5	2615.3	2667.7	2711.6
55°	2148.0	2276.9	2395.2	2525.6	2651.7	2766.5	2867.5	2956.3	3033.2	3097.5	3152.1
52.5°	2428.7	2585.3	2738.9	2887.4	3030.5	3163.7	3284.7	3388.1	3480.1	3559.0	3621.9
50°	2735.9	2915.0	3093.1	3258.3	3422.7	3576.2	3714.9	3834.9	3941.9	4034.6	4107.6
47.5°	3057.2	3261.0	3459.9	3649.0	3831.0	4001.5	4151.7	4288.5	4422.0	4530.9	4616.9
45°	3390.8	3619.5	3838.9	4055.0	4255.4	4446.6	4631.9	4802.2	4939.2	5059.1	5159.9
42.5°	3728.4	3983.5	4229.2	4465.0	4685.4	4906.5	5114.9	5301.1	5457.3	5593.7	5708.1
40°	4070.5	4349.7	4620.4	4877.5	5129.5	5370.5	5595.9	5792.3	5968.5	6130.4	6265.3
37.5°	4410.8	4718.0	5017.9	5305.9	5583.4	5844.5	6088.0	6309.9	6508.8	6693.2	6843.0
35°	4752.6	5089.7	5418.0	5735.0	6038.0	6326.1	6592.8	6845.3	7079.6	7266.4	7419.7
32.5°	5093.1	5455.5	5812.8	6161.8	6493.4	6804.0	7093.0	7372.0	7613.0	7818.4	7994.6
30°	5422.6	5815.2	6204.3	6582.6	6940.9	7277.5	7597.4	7892.5	8151.7	8376.3	8573.9
27.5°	5745.9	6167.7	6585.2	6989.3	7376.7	7742.5	8091.6	8411.6	8694.4	8938.6	9147.0
25°	6051.5	6504.9	6949.8	7378.4	7792.2	8195.7	8572.6	8921.8	9223.9	9491.9	9706.0
22.5°	6343.4	6826.9	7294.5	7745.3	8187.9	8622.8	9035.5	9400.1	9720.3	10000.5	10237.5
20°	6615.4	7133.5	7612.0	8088.7	8554.9	9019.3	9462.3	9847.0	10185.8	10484.1	10745.4
17.5°	6869.7	7401.2	7904.9	8412.4	8903.8	9390.9	9841.1	10253.4	10618.9	10935.7	11209.3
15°	7085.0	7621.7	8171.8	8713.7	9231.8	9725.1	10174.8	10605.5	11011.4	11353.9	11631.3
12.5°	7259.3	7817.4	8391.3	8966.6	9514.6	10007.2	10478.0	10914.9	11341.2	11725.9	11981.0
10°	7407.8	7982.5	8575.0	9161.7	9717.0	10238.2	10750.1	11212.0	11630.9	11975.5	12260.3
7.5°	7536.2	8128.2	8730.0	9317.6	9871.0	10409.6	10936.6	11427.2	11850.1	12174.7	12428.7
5°	7630.9	8237.0	8850.4	9443.4	10004.6	10544.9	11074.3	11558.8	11971.5	12301.8	12578.9
2.5°	7698.7	8310.4	8928.2	9522.1	10095.7	10637.4	11180.0	11669.9	12069.7	12372.2	12637.5
0°	7742.1	8354.8	8977.3	9585.0	10148.2	10672.0	11255.0	11714.5	12129.5	12430.9	12707.5
-2.5°	7698.7	8310.4	8928.2	9522.1	10095.7	10637.4	11180.0	11669.9	12069.7	12372.2	12637.5
-5°	7630.9	8237.0	8850.4	9443.4	10004.6	10544.9	11074.3	11558.8	11971.5	12301.8	12578.9
-7.5°	7536.2	8128.2	8730.0	9317.6	9871.0	10409.6	10936.6	11427.2	11850.1	12174.7	12428.7
-10°	7407.8	7982.5	8575.0	9161.7	9717.0	10238.2	10750.1	11212.0	11630.9	11975.5	12260.3
-12.5°	7259.3	7817.4	8391.3	8966.6	9514.6	10007.2	10478.0	10914.9	11341.2	11725.9	11981.0
-15°	7085.0	7621.7	8171.8	8713.7	9231.8	9725.1	10174.8	10605.5	11011.4	11353.9	11631.3
-17.5°	6869.7	7401.2	7904.9	8412.4	8903.8	9390.9	9841.1	10253.4	10618.9	10935.7	11209.3
-20°	6615.4	7133.5	7612.0	8088.7	8554.9	9019.3	9462.3	9847.0	10185.8	10484.1	10745.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627281 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	6343.4	6826.9	7294.5	7745.3	8187.9	8622.8	9035.5	9400.1	9720.3	10000.5	10237.5
-25°	6051.5	6504.9	6949.8	7378.4	7792.2	8195.7	8572.6	8921.8	9223.9	9491.9	9706.0
-27.5°	5745.9	6167.7	6585.2	6989.3	7376.7	7742.5	8091.6	8411.6	8694.4	8938.6	9147.0
-30°	5422.6	5815.2	6204.3	6582.6	6940.9	7277.5	7597.4	7892.5	8151.7	8376.3	8573.9
-32.5°	5093.1	5455.5	5812.8	6161.8	6493.4	6804.0	7093.0	7372.0	7613.0	7818.4	7994.6
-35°	4752.6	5089.7	5418.0	5735.0	6038.0	6326.1	6592.8	6845.3	7079.6	7266.4	7419.7
-37.5°	4410.8	4718.0	5017.9	5305.9	5583.4	5844.5	6088.0	6309.9	6508.8	6693.2	6843.0
-40°	4070.5	4349.7	4620.4	4877.5	5129.5	5370.5	5595.9	5792.3	5968.5	6130.4	6265.3
-42.5°	3728.4	3983.5	4229.2	4465.0	4685.4	4906.5	5114.9	5301.1	5457.3	5593.7	5708.1
-45°	3390.8	3619.5	3838.9	4055.0	4255.4	4446.6	4631.9	4802.2	4939.2	5059.1	5159.9
-47.5°	3057.2	3261.0	3459.9	3649.0	3831.0	4001.5	4151.7	4288.5	4422.0	4530.9	4616.9
-50°	2735.9	2915.0	3093.1	3258.3	3422.7	3576.2	3714.9	3834.9	3941.9	4034.6	4107.6
-52.5°	2428.7	2585.3	2738.9	2887.4	3030.5	3163.7	3284.7	3388.1	3480.1	3559.0	3621.9
-55°	2148.0	2276.9	2395.2	2525.6	2651.7	2766.5	2867.5	2956.3	3033.2	3097.5	3152.1
-57.5°	1892.7	1995.7	2097.7	2201.1	2298.9	2390.3	2475.9	2551.5	2615.3	2667.7	2711.6
-60°	1656.3	1735.8	1823.1	1906.4	1983.0	2053.1	2122.6	2182.9	2234.4	2277.2	2311.7
-62.5°	1436.4	1506.4	1571.4	1634.5	1696.3	1757.2	1804.0	1846.5	1884.3	1916.9	1942.8
-65°	1224.8	1282.0	1332.6	1379.1	1421.7	1466.5	1503.3	1534.2	1559.0	1579.5	1596.0
-67.5°	1023.6	1068.2	1107.2	1140.5	1173.5	1204.4	1229.7	1250.5	1266.5	1280.1	1290.6
-70°	844.9	878.2	906.2	933.0	960.3	982.2	998.6	1010.6	1018.2	1023.1	1026.6
-72.5°	686.2	717.3	742.7	766.4	786.5	801.1	811.5	819.4	824.8	819.4	809.9
-75°	540.0	569.9	598.6	623.1	643.5	652.9	657.5	660.7	662.5	644.8	621.6
-77.5°	413.9	444.4	471.1	495.6	517.8	522.0	521.4	520.3	518.5	493.8	464.0
-80°	290.9	315.2	338.0	360.6	383.0	385.5	382.9	378.3	371.8	347.6	320.3
-82.5°	178.3	192.5	206.1	219.7	233.1	236.5	237.5	237.0	235.1	216.7	196.3
-85°	82.6	88.4	93.8	99.0	104.0	108.7	113.1	117.3	121.0	110.6	98.9
-87.5°	16.2	16.7	17.1	17.6	17.9	18.3	18.6	18.9	19.1	18.1	17.0
-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: P627281 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-U-VWR-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°	15.9	14.7	14.8	14.8	14.8	14.7	15.9	17.0	18.1	19.1	18.9
85°	86.6	73.8	69.1	64.2	69.1	73.8	86.6	98.9	110.6	121.0	117.3
82.5°	174.9	152.7	145.6	138.3	145.6	152.7	174.9	196.3	216.7	235.1	237.0
80°	291.4	261.2	249.3	237.2	249.3	261.2	291.4	320.3	347.6	371.8	378.3
77.5°	432.4	399.3	385.1	370.6	385.1	399.3	432.4	464.0	493.8	518.5	520.3
75°	597.1	571.2	555.4	538.5	555.4	571.2	597.1	621.6	644.8	662.5	660.7
72.5°	799.0	786.3	774.9	760.9	774.9	786.3	799.0	809.9	819.4	824.8	819.4
70°	1027.8	1026.2	1028.3	1027.7	1028.3	1026.2	1027.8	1026.6	1023.1	1018.2	1010.6
67.5°	1296.0	1296.4	1301.9	1304.4	1301.9	1296.4	1296.0	1290.6	1280.1	1266.5	1250.5
65°	1606.2	1610.0	1608.6	1600.8	1608.6	1610.0	1606.2	1596.0	1579.5	1559.0	1534.2
62.5°	1961.2	1971.8	1977.7	1976.3	1977.7	1971.8	1961.2	1942.8	1916.9	1884.3	1846.5
60°	2337.4	2354.1	2362.5	2361.7	2362.5	2354.1	2337.4	2311.7	2277.2	2234.4	2182.9
57.5°	2744.4	2765.8	2770.9	2761.9	2770.9	2765.8	2744.4	2711.6	2667.7	2615.3	2551.5
55°	3193.3	3220.8	3231.3	3226.3	3231.3	3220.8	3193.3	3152.1	3097.5	3033.2	2956.3
52.5°	3668.0	3697.7	3708.2	3700.6	3708.2	3697.7	3668.0	3621.9	3559.0	3480.1	3388.1
50°	4161.1	4197.0	4211.5	4204.6	4211.5	4197.0	4161.1	4107.6	4034.6	3941.9	3834.9
47.5°	4684.4	4732.2	4750.8	4738.2	4750.8	4732.2	4684.4	4616.9	4530.9	4422.0	4288.5
45°	5235.1	5284.7	5303.9	5291.5	5303.9	5284.7	5235.1	5159.9	5059.1	4939.2	4802.2
42.5°	5795.7	5860.0	5887.2	5864.6	5887.2	5860.0	5795.7	5708.1	5593.7	5457.3	5301.1
40°	6366.1	6436.0	6468.2	6452.6	6468.2	6436.0	6366.1	6265.3	6130.4	5968.5	5792.3
37.5°	6951.1	7020.7	7054.9	7055.4	7054.9	7020.7	6951.1	6843.0	6693.2	6508.8	6309.9
35°	7538.4	7622.6	7670.3	7668.0	7670.3	7622.6	7538.4	7419.7	7266.4	7079.6	6845.3
32.5°	8133.9	8225.1	8273.8	8280.7	8273.8	8225.1	8133.9	7994.6	7818.4	7613.0	7372.0
30°	8728.3	8828.6	8885.0	8908.1	8885.0	8828.6	8728.3	8573.9	8376.3	8151.7	7892.5
27.5°	9304.9	9428.2	9513.3	9520.8	9513.3	9428.2	9304.9	9147.0	8938.6	8694.4	8411.6
25°	9863.2	9988.8	10076.2	10093.9	10076.2	9988.8	9863.2	9706.0	9491.9	9223.9	8921.8
22.5°	10413.5	10544.8	10625.4	10657.1	10625.4	10544.8	10413.5	10237.5	10000.5	9720.3	9400.1
20°	10938.8	11081.1	11166.6	11200.6	11166.6	11081.1	10938.8	10745.4	10484.1	10185.8	9847.0
17.5°	11414.1	11564.4	11670.0	11699.6	11670.0	11564.4	11414.1	11209.3	10935.7	10618.9	10253.4
15°	11832.3	11974.9	12075.1	12114.7	12075.1	11974.9	11832.3	11631.3	11353.9	11011.4	10605.5
12.5°	12172.7	12300.3	12378.8	12416.0	12378.8	12300.3	12172.7	11981.0	11725.9	11341.2	10914.9
10°	12438.7	12566.7	12641.6	12692.7	12641.6	12566.7	12438.7	12260.3	11975.5	11630.9	11212.0
7.5°	12669.5	12800.6	12892.3	12964.5	12892.3	12800.6	12669.5	12428.7	12174.7	11850.1	11427.2
5°	12796.9	13015.9	13048.8	13097.9	13048.8	13015.9	12796.9	12578.9	12301.8	11971.5	11558.8
2.5°	12894.1	13049.4	13142.8	13132.4	13142.8	13049.4	12894.1	12637.5	12372.2	12069.7	11669.9
0°	12964.5	13102.8	13137.4	13181.9	13137.4	13102.8	12964.5	12707.5	12430.9	12129.5	11714.5
-2.5°	12894.1	13049.4	13142.8	13132.4	13142.8	13049.4	12894.1	12637.5	12372.2	12069.7	11669.9
-5°	12796.9	13015.9	13048.8	13097.9	13048.8	13015.9	12796.9	12578.9	12301.8	11971.5	11558.8
-7.5°	12669.5	12800.6	12892.3	12964.5	12892.3	12800.6	12669.5	12428.7	12174.7	11850.1	11427.2
-10°	12438.7	12566.7	12641.6	12692.7	12641.6	12566.7	12438.7	12260.3	11975.5	11630.9	11212.0
-12.5°	12172.7	12300.3	12378.8	12416.0	12378.8	12300.3	12172.7	11981.0	11725.9	11341.2	10914.9
-15°	11832.3	11974.9	12075.1	12114.7	12075.1	11974.9	11832.3	11631.3	11353.9	11011.4	10605.5
-17.5°	11414.1	11564.4	11670.0	11699.6	11670.0	11564.4	11414.1	11209.3	10935.7	10618.9	10253.4
-20°	10938.8	11081.1	11166.6	11200.6	11166.6	11081.1	10938.8	10745.4	10484.1	10185.8	9847.0



REPORT NUMBER: P627281 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	10413.5	10544.8	10625.4	10657.1	10625.4	10544.8	10413.5	10237.5	10000.5	9720.3	9400.1
-25°	9863.2	9988.8	10076.2	10093.9	10076.2	9988.8	9863.2	9706.0	9491.9	9223.9	8921.8
-27.5°	9304.9	9428.2	9513.3	9520.8	9513.3	9428.2	9304.9	9147.0	8938.6	8694.4	8411.6
-30°	8728.3	8828.6	8885.0	8908.1	8885.0	8828.6	8728.3	8573.9	8376.3	8151.7	7892.5
-32.5°	8133.9	8225.1	8273.8	8280.7	8273.8	8225.1	8133.9	7994.6	7818.4	7613.0	7372.0
-35°	7538.4	7622.6	7670.3	7668.0	7670.3	7622.6	7538.4	7419.7	7266.4	7079.6	6845.3
-37.5°	6951.1	7020.7	7054.9	7055.4	7054.9	7020.7	6951.1	6843.0	6693.2	6508.8	6309.9
-40°	6366.1	6436.0	6468.2	6452.6	6468.2	6436.0	6366.1	6265.3	6130.4	5968.5	5792.3
-42.5°	5795.7	5860.0	5887.2	5864.6	5887.2	5860.0	5795.7	5708.1	5593.7	5457.3	5301.1
-45°	5235.1	5284.7	5303.9	5291.5	5303.9	5284.7	5235.1	5159.9	5059.1	4939.2	4802.2
-47.5°	4684.4	4732.2	4750.8	4738.2	4750.8	4732.2	4684.4	4616.9	4530.9	4422.0	4288.5
-50°	4161.1	4197.0	4211.5	4204.6	4211.5	4197.0	4161.1	4107.6	4034.6	3941.9	3834.9
-52.5°	3668.0	3697.7	3708.2	3700.6	3708.2	3697.7	3668.0	3621.9	3559.0	3480.1	3388.1
-55°	3193.3	3220.8	3231.3	3226.3	3231.3	3220.8	3193.3	3152.1	3097.5	3033.2	2956.3
-57.5°	2744.4	2765.8	2770.9	2761.9	2770.9	2765.8	2744.4	2711.6	2667.7	2615.3	2551.5
-60°	2337.4	2354.1	2362.5	2361.7	2362.5	2354.1	2337.4	2311.7	2277.2	2234.4	2182.9
-62.5°	1961.2	1971.8	1977.7	1976.3	1977.7	1971.8	1961.2	1942.8	1916.9	1884.3	1846.5
-65°	1606.2	1610.0	1608.6	1600.8	1608.6	1610.0	1606.2	1596.0	1579.5	1559.0	1534.2
-67.5°	1296.0	1296.4	1301.9	1304.4	1301.9	1296.4	1296.0	1290.6	1280.1	1266.5	1250.5
-70°	1027.8	1026.2	1028.3	1027.7	1028.3	1026.2	1027.8	1026.6	1023.1	1018.2	1010.6
-72.5°	799.0	786.3	774.9	760.9	774.9	786.3	799.0	809.9	819.4	824.8	819.4
-75°	597.1	571.2	555.4	538.5	555.4	571.2	597.1	621.6	644.8	662.5	660.7
-77.5°	432.4	399.3	385.1	370.6	385.1	399.3	432.4	464.0	493.8	518.5	520.3
-80°	291.4	261.2	249.3	237.2	249.3	261.2	291.4	320.3	347.6	371.8	378.3
-82.5°	174.9	152.7	145.6	138.3	145.6	152.7	174.9	196.3	216.7	235.1	237.0
-85°	86.6	73.8	69.1	64.2	69.1	73.8	86.6	98.9	110.6	121.0	117.3
-87.5°	15.9	14.7	14.8	14.8	14.8	14.7	15.9	17.0	18.1	19.1	18.9
-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: P627281 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	18.6	18.3	17.9	17.6	17.1	16.7	16.2	15.7	15.2	14.6	14.0
85°	113.1	108.7	104.0	99.0	93.8	88.4	82.6	72.4	62.9	54.1	46.5
82.5°	237.5	236.5	233.1	219.7	206.1	192.5	178.3	156.9	136.0	115.7	97.9
80°	382.9	385.5	383.0	360.6	338.0	315.2	290.9	259.8	228.3	198.4	175.9
77.5°	521.4	522.0	517.8	495.6	471.1	444.4	413.9	376.5	338.9	301.1	272.2
75°	657.5	652.9	643.5	623.1	598.6	569.9	540.0	507.1	468.7	424.5	386.7
72.5°	811.5	801.1	786.5	766.4	742.7	717.3	686.2	649.9	609.7	565.5	525.6
70°	998.6	982.2	960.3	933.0	906.2	878.2	844.9	804.9	758.1	709.4	664.8
67.5°	1229.7	1204.4	1173.5	1140.5	1107.2	1068.2	1023.6	974.7	926.4	872.3	811.2
65°	1503.3	1466.5	1421.7	1379.1	1332.6	1282.0	1224.8	1168.2	1109.0	1044.1	966.6
62.5°	1804.0	1757.2	1696.3	1634.5	1571.4	1506.4	1436.4	1366.8	1296.1	1219.6	1132.4
60°	2122.6	2053.1	1983.0	1906.4	1823.1	1735.8	1656.3	1571.7	1482.3	1395.7	1300.1
57.5°	2475.9	2390.3	2298.9	2201.1	2097.7	1995.7	1892.7	1786.3	1685.2	1579.6	1471.4
55°	2867.5	2766.5	2651.7	2525.6	2395.2	2276.9	2148.0	2019.0	1897.2	1769.1	1649.8
52.5°	3284.7	3163.7	3030.5	2887.4	2738.9	2585.3	2428.7	2280.5	2122.0	1977.0	1832.8
50°	3714.9	3576.2	3422.7	3258.3	3093.1	2915.0	2735.9	2557.8	2378.1	2200.3	2027.6
47.5°	4151.7	4001.5	3831.0	3649.0	3459.9	3261.0	3057.2	2842.9	2644.2	2438.0	2241.7
45°	4631.9	4446.6	4255.4	4055.0	3838.9	3619.5	3390.8	3156.2	2917.1	2690.3	2460.2
42.5°	5114.9	4906.5	4685.4	4465.0	4229.2	3983.5	3728.4	3469.9	3207.2	2945.6	2694.2
40°	5595.9	5370.5	5129.5	4877.5	4620.4	4349.7	4070.5	3782.9	3497.6	3210.0	2925.5
37.5°	6088.0	5844.5	5583.4	5305.9	5017.9	4718.0	4410.8	4099.4	3784.9	3475.4	3166.8
35°	6592.8	6326.1	6038.0	5735.0	5418.0	5089.7	4752.6	4411.6	4073.2	3738.5	3404.2
32.5°	7093.0	6804.0	6493.4	6161.8	5812.8	5455.5	5093.1	4724.9	4354.5	3997.0	3641.0
30°	7597.4	7277.5	6940.9	6582.6	6204.3	5815.2	5422.6	5032.5	4637.8	4244.5	3867.8
27.5°	8091.6	7742.5	7376.7	6989.3	6585.2	6167.7	5745.9	5329.6	4908.6	4490.4	4084.3
25°	8572.6	8195.7	7792.2	7378.4	6949.8	6504.9	6051.5	5611.0	5171.4	4723.9	4278.5
22.5°	9035.5	8622.8	8187.9	7745.3	7294.5	6826.9	6343.4	5868.8	5413.9	4933.2	4467.9
20°	9462.3	9019.3	8554.9	8088.7	7612.0	7133.5	6615.4	6110.6	5621.2	5127.7	4639.5
17.5°	9841.1	9390.9	8903.8	8412.4	7904.9	7401.2	6869.7	6330.6	5812.0	5300.5	4790.5
15°	10174.8	9725.1	9231.8	8713.7	8171.8	7621.7	7085.0	6525.0	5985.9	5453.3	4930.2
12.5°	10478.0	10007.2	9514.6	8966.6	8391.3	7817.4	7259.3	6695.4	6140.6	5593.1	5055.8
10°	10750.1	10238.2	9717.0	9161.7	8575.0	7982.5	7407.8	6838.6	6272.2	5712.8	5159.4
7.5°	10936.6	10409.6	9871.0	9317.6	8730.0	8128.2	7536.2	6953.7	6374.8	5808.1	5240.2
5°	11074.3	10544.9	10004.6	9443.4	8850.4	8237.0	7630.9	7037.1	6447.9	5877.8	5297.8
2.5°	11180.0	10637.4	10095.7	9522.1	8928.2	8310.4	7698.7	7099.9	6505.9	5928.9	5348.7
0°	11255.0	10672.0	10148.2	9585.0	8977.3	8354.8	7742.1	7139.3	6541.5	5953.6	5375.5
-2.5°	11180.0	10637.4	10095.7	9522.1	8928.2	8310.4	7698.7	7099.9	6505.9	5928.9	5348.7
-5°	11074.3	10544.9	10004.6	9443.4	8850.4	8237.0	7630.9	7037.1	6447.9	5877.8	5297.8
-7.5°	10936.6	10409.6	9871.0	9317.6	8730.0	8128.2	7536.2	6953.7	6374.8	5808.1	5240.2
-10°	10750.1	10238.2	9717.0	9161.7	8575.0	7982.5	7407.8	6838.6	6272.2	5712.8	5159.4
-12.5°	10478.0	10007.2	9514.6	8966.6	8391.3	7817.4	7259.3	6695.4	6140.6	5593.1	5055.8
-15°	10174.8	9725.1	9231.8	8713.7	8171.8	7621.7	7085.0	6525.0	5985.9	5453.3	4930.2
-17.5°	9841.1	9390.9	8903.8	8412.4	7904.9	7401.2	6869.7	6330.6	5812.0	5300.5	4790.5
-20°	9462.3	9019.3	8554.9	8088.7	7612.0	7133.5	6615.4	6110.6	5621.2	5127.7	4639.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627281 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9035.5	8622.8	8187.9	7745.3	7294.5	6826.9	6343.4	5868.8	5413.9	4933.2	4467.9
-25°	8572.6	8195.7	7792.2	7378.4	6949.8	6504.9	6051.5	5611.0	5171.4	4723.9	4278.5
-27.5°	8091.6	7742.5	7376.7	6989.3	6585.2	6167.7	5745.9	5329.6	4908.6	4490.4	4084.3
-30°	7597.4	7277.5	6940.9	6582.6	6204.3	5815.2	5422.6	5032.5	4637.8	4244.5	3867.8
-32.5°	7093.0	6804.0	6493.4	6161.8	5812.8	5455.5	5093.1	4724.9	4354.5	3997.0	3641.0
-35°	6592.8	6326.1	6038.0	5735.0	5418.0	5089.7	4752.6	4411.6	4073.2	3738.5	3404.2
-37.5°	6088.0	5844.5	5583.4	5305.9	5017.9	4718.0	4410.8	4099.4	3784.9	3475.4	3166.8
-40°	5595.9	5370.5	5129.5	4877.5	4620.4	4349.7	4070.5	3782.9	3497.6	3210.0	2925.5
-42.5°	5114.9	4906.5	4685.4	4465.0	4229.2	3983.5	3728.4	3469.9	3207.2	2945.6	2694.2
-45°	4631.9	4446.6	4255.4	4055.0	3838.9	3619.5	3390.8	3156.2	2917.1	2690.3	2460.2
-47.5°	4151.7	4001.5	3831.0	3649.0	3459.9	3261.0	3057.2	2842.9	2644.2	2438.0	2241.7
-50°	3714.9	3576.2	3422.7	3258.3	3093.1	2915.0	2735.9	2557.8	2378.1	2200.3	2027.6
-52.5°	3284.7	3163.7	3030.5	2887.4	2738.9	2585.3	2428.7	2280.5	2122.0	1977.0	1832.8
-55°	2867.5	2766.5	2651.7	2525.6	2395.2	2276.9	2148.0	2019.0	1897.2	1769.1	1649.8
-57.5°	2475.9	2390.3	2298.9	2201.1	2097.7	1995.7	1892.7	1786.3	1685.2	1579.6	1471.4
-60°	2122.6	2053.1	1983.0	1906.4	1823.1	1735.8	1656.3	1571.7	1482.3	1395.7	1300.1
-62.5°	1804.0	1757.2	1696.3	1634.5	1571.4	1506.4	1436.4	1366.8	1296.1	1219.6	1132.4
-65°	1503.3	1466.5	1421.7	1379.1	1332.6	1282.0	1224.8	1168.2	1109.0	1044.1	966.6
-67.5°	1229.7	1204.4	1173.5	1140.5	1107.2	1068.2	1023.6	974.7	926.4	872.3	811.2
-70°	998.6	982.2	960.3	933.0	906.2	878.2	844.9	804.9	758.1	709.4	664.8
-72.5°	811.5	801.1	786.5	766.4	742.7	717.3	686.2	649.9	609.7	565.5	525.6
-75°	657.5	652.9	643.5	623.1	598.6	569.9	540.0	507.1	468.7	424.5	386.7
-77.5°	521.4	522.0	517.8	495.6	471.1	444.4	413.9	376.5	338.9	301.1	272.2
-80°	382.9	385.5	383.0	360.6	338.0	315.2	290.9	259.8	228.3	198.4	175.9
-82.5°	237.5	236.5	233.1	219.7	206.1	192.5	178.3	156.9	136.0	115.7	97.9
-85°	113.1	108.7	104.0	99.0	93.8	88.4	82.6	72.4	62.9	54.1	46.5
-87.5°	18.6	18.3	17.9	17.6	17.1	16.7	16.2	15.7	15.2	14.6	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: P627281 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-U-VWR-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°	14.2	14.3	14.3	14.2	12.6	11.1	9.7	8.4	7.6	6.8	6.0
85°	46.7	45.6	43.1	39.1	30.8	22.2	19.4	16.7	15.1	13.5	11.9
82.5°	97.6	98.5	98.5	95.5	84.3	72.5	60.1	47.3	35.1	22.3	17.8
80°	176.2	174.3	170.1	162.1	143.6	122.7	107.0	90.8	74.9	58.3	41.0
77.5°	266.3	258.8	249.4	238.9	219.3	196.3	169.8	139.8	114.5	94.1	72.8
75°	367.1	355.0	341.9	324.4	299.2	270.4	241.3	206.4	167.6	131.0	104.4
72.5°	493.5	464.2	438.0	413.3	386.0	353.9	316.8	271.8	224.6	180.1	138.4
70°	621.5	577.5	538.3	504.7	471.8	438.2	397.4	342.0	280.6	228.2	179.1
67.5°	751.5	699.5	647.0	596.6	555.2	515.6	476.3	411.8	341.5	275.3	218.8
65°	895.0	825.6	758.9	696.7	640.4	590.8	544.7	477.1	400.5	326.1	257.5
62.5°	1042.8	954.2	875.2	796.0	725.9	665.6	610.1	535.5	457.0	375.2	297.9
60°	1198.2	1097.3	992.3	899.7	813.8	737.6	670.4	593.1	509.7	422.5	338.0
57.5°	1361.7	1243.2	1125.2	1008.2	905.0	813.6	729.1	647.8	561.6	469.1	375.4
55°	1527.4	1399.8	1260.3	1128.4	1001.8	893.0	791.2	700.2	611.7	514.9	407.7
52.5°	1693.4	1553.2	1403.4	1251.1	1109.3	973.2	859.5	751.3	657.9	559.6	441.3
50°	1867.0	1706.2	1545.7	1381.1	1216.3	1067.1	925.4	809.9	702.7	602.1	473.1
47.5°	2047.7	1868.5	1689.9	1510.1	1333.3	1157.0	1002.3	867.3	746.0	640.7	502.8
45°	2245.7	2036.2	1838.4	1644.0	1444.1	1254.1	1080.3	922.2	795.0	670.6	530.1
42.5°	2443.6	2213.2	1992.2	1775.9	1560.1	1350.7	1154.1	986.8	841.9	699.3	555.2
40°	2654.1	2390.8	2145.8	1911.1	1673.4	1442.5	1235.9	1049.8	885.9	729.1	579.0
37.5°	2858.8	2572.8	2303.6	2040.3	1784.3	1541.6	1314.5	1108.8	927.6	762.6	601.6
35°	3075.4	2755.7	2449.6	2170.2	1898.5	1635.7	1388.2	1168.3	975.6	795.2	622.9
32.5°	3284.7	2934.6	2606.3	2298.4	2007.6	1724.3	1464.0	1231.4	1021.8	826.8	642.7
30°	3490.4	3114.1	2756.4	2419.7	2113.3	1817.3	1539.9	1290.3	1065.9	857.4	662.6
27.5°	3680.0	3280.3	2900.3	2545.0	2217.2	1905.5	1611.7	1344.9	1107.7	888.8	685.8
25°	3856.6	3440.3	3042.1	2665.6	2313.6	1989.0	1677.8	1395.5	1150.4	921.6	707.2
22.5°	4022.3	3588.8	3170.6	2776.7	2402.8	2065.8	1742.2	1449.3	1190.7	951.7	726.9
20°	4173.0	3722.6	3285.7	2877.3	2489.7	2138.8	1804.2	1497.6	1226.7	979.1	744.6
17.5°	4308.7	3844.8	3395.6	2971.4	2570.6	2203.8	1859.3	1540.2	1258.4	1003.5	760.2
15°	4434.6	3955.9	3492.7	3053.6	2640.6	2260.3	1907.2	1576.9	1285.5	1024.7	775.0
12.5°	4542.9	4051.2	3575.2	3123.4	2699.6	2308.2	1947.7	1607.6	1308.1	1043.9	789.0
10°	4632.0	4130.0	3642.5	3180.4	2747.3	2347.2	1980.7	1633.5	1329.2	1060.4	799.8
7.5°	4701.4	4191.7	3694.3	3224.5	2785.2	2379.8	2008.7	1655.9	1346.2	1073.2	807.3
5°	4754.0	4239.9	3739.4	3261.3	2819.9	2406.0	2029.1	1671.9	1358.6	1082.0	811.6
2.5°	4800.7	4276.0	3774.9	3285.3	2843.6	2423.2	2041.4	1681.6	1366.1	1086.6	812.6
0°	4827.1	4293.5	3794.5	3295.5	2855.7	2430.8	2045.5	1684.8	1368.6	1087.0	810.3
-2.5°	4800.7	4276.0	3774.9	3285.3	2843.6	2423.2	2041.4	1681.6	1366.1	1086.6	812.6
-5°	4754.0	4239.9	3739.4	3261.3	2819.9	2406.0	2029.1	1671.9	1358.6	1082.0	811.6
-7.5°	4701.4	4191.7	3694.3	3224.5	2785.2	2379.8	2008.7	1655.9	1346.2	1073.2	807.3
-10°	4632.0	4130.0	3642.5	3180.4	2747.3	2347.2	1980.7	1633.5	1329.2	1060.4	799.8
-12.5°	4542.9	4051.2	3575.2	3123.4	2699.6	2308.2	1947.7	1607.6	1308.1	1043.9	789.0
-15°	4434.6	3955.9	3492.7	3053.6	2640.6	2260.3	1907.2	1576.9	1285.5	1024.7	775.0
-17.5°	4308.7	3844.8	3395.6	2971.4	2570.6	2203.8	1859.3	1540.2	1258.4	1003.5	760.2
-20°	4173.0	3722.6	3285.7	2877.3	2489.7	2138.8	1804.2	1497.6	1226.7	979.1	744.6



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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°	4022.3	3588.8	3170.6	2776.7	2402.8	2065.8	1742.2	1449.3	1190.7	951.7	726.9
-25°	3856.6	3440.3	3042.1	2665.6	2313.6	1989.0	1677.8	1395.5	1150.4	921.6	707.2
-27.5°	3680.0	3280.3	2900.3	2545.0	2217.2	1905.5	1611.7	1344.9	1107.7	888.8	685.8
-30°	3490.4	3114.1	2756.4	2419.7	2113.3	1817.3	1539.9	1290.3	1065.9	857.4	662.6
-32.5°	3284.7	2934.6	2606.3	2298.4	2007.6	1724.3	1464.0	1231.4	1021.8	826.8	642.7
-35°	3075.4	2755.7	2449.6	2170.2	1898.5	1635.7	1388.2	1168.3	975.6	795.2	622.9
-37.5°	2858.8	2572.8	2303.6	2040.3	1784.3	1541.6	1314.5	1108.8	927.6	762.6	601.6
-40°	2654.1	2390.8	2145.8	1911.1	1673.4	1442.5	1235.9	1049.8	885.9	729.1	579.0
-42.5°	2443.6	2213.2	1992.2	1775.9	1560.1	1350.7	1154.1	986.8	841.9	699.3	555.2
-45°	2245.7	2036.2	1838.4	1644.0	1444.1	1254.1	1080.3	922.2	795.0	670.6	530.1
-47.5°	2047.7	1868.5	1689.9	1510.1	1333.3	1157.0	1002.3	867.3	746.0	640.7	502.8
-50°	1867.0	1706.2	1545.7	1381.1	1216.3	1067.1	925.4	809.9	702.7	602.1	473.1
-52.5°	1693.4	1553.2	1403.4	1251.1	1109.3	973.2	859.5	751.3	657.9	559.6	441.3
-55°	1527.4	1399.8	1260.3	1128.4	1001.8	893.0	791.2	700.2	611.7	514.9	407.7
-57.5°	1361.7	1243.2	1125.2	1008.2	905.0	813.6	729.1	647.8	561.6	469.1	375.4
-60°	1198.2	1097.3	992.3	899.7	813.8	737.6	670.4	593.1	509.7	422.5	338.0
-62.5°	1042.8	954.2	875.2	796.0	725.9	665.6	610.1	535.5	457.0	375.2	297.9
-65°	895.0	825.6	758.9	696.7	640.4	590.8	544.7	477.1	400.5	326.1	257.5
-67.5°	751.5	699.5	647.0	596.6	555.2	515.6	476.3	411.8	341.5	275.3	218.8
-70°	621.5	577.5	538.3	504.7	471.8	438.2	397.4	342.0	280.6	228.2	179.1
-72.5°	493.5	464.2	438.0	413.3	386.0	353.9	316.8	271.8	224.6	180.1	138.4
-75°	367.1	355.0	341.9	324.4	299.2	270.4	241.3	206.4	167.6	131.0	104.4
-77.5°	266.3	258.8	249.4	238.9	219.3	196.3	169.8	139.8	114.5	94.1	72.8
-80°	176.2	174.3	170.1	162.1	143.6	122.7	107.0	90.8	74.9	58.3	41.0
-82.5°	97.6	98.5	98.5	95.5	84.3	72.5	60.1	47.3	35.1	22.3	17.8
-85°	46.7	45.6	43.1	39.1	30.8	22.2	19.4	16.7	15.1	13.5	11.9
-87.5°	14.2	14.3	14.3	14.2	12.6	11.1	9.7	8.4	7.6	6.8	6.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.1	4.3	3.4	2.6	1.7	0.8	0.0
85°	10.2	8.6	6.9	5.2	3.4	1.5	0.0
82.5°	15.3	12.8	10.3	7.7	5.2	2.3	0.0
80°	23.1	17.1	13.7	10.3	6.8	3.0	0.0
77.5°	50.2	26.7	17.1	12.8	8.5	3.7	0.0
75°	76.7	46.2	22.2	15.3	10.1	4.5	0.0
72.5°	102.3	65.1	35.4	17.8	11.8	5.2	0.0
70°	128.0	83.4	48.1	21.3	13.3	5.9	0.0
67.5°	158.8	100.9	60.4	29.2	14.8	6.5	0.0
65°	188.2	120.5	72.1	36.8	16.3	7.2	0.0
62.5°	216.1	141.9	83.2	44.0	17.7	7.9	0.0
60°	242.5	162.2	93.6	50.8	19.1	8.5	0.0
57.5°	270.2	181.3	107.4	57.3	23.0	9.1	0.0
55°	296.5	199.0	120.7	63.3	26.7	9.7	0.0
52.5°	320.8	215.8	133.0	68.8	30.3	10.2	0.0
50°	343.1	233.7	144.3	73.9	33.8	10.7	0.0
47.5°	364.0	250.0	154.6	79.1	37.1	11.2	0.0
45°	387.3	264.8	163.9	86.0	40.2	11.7	0.0
42.5°	408.5	277.9	172.2	92.2	43.2	12.2	0.0
40°	427.9	289.3	180.4	98.5	45.9	12.6	0.0
37.5°	445.1	299.1	188.7	104.8	48.5	12.9	0.0
35°	460.4	310.4	195.7	110.7	51.0	13.3	0.0
32.5°	474.5	321.7	201.6	116.1	53.2	13.6	0.0
30°	489.2	331.3	206.3	121.0	55.2	13.9	0.0
27.5°	502.4	339.3	213.4	125.5	57.1	14.2	0.0
25°	514.0	345.6	220.0	129.5	58.7	14.4	0.0
22.5°	523.9	352.0	225.8	133.0	60.2	14.6	0.0
20°	532.1	360.8	230.9	136.1	61.4	14.7	0.0
17.5°	542.4	367.9	235.1	138.7	62.5	14.8	0.0
15°	553.0	373.5	238.5	140.8	63.3	14.9	0.0
12.5°	561.7	377.5	241.1	142.4	63.9	15.0	0.0
10°	568.3	380.0	242.9	143.5	64.4	15.0	0.0
7.5°	572.8	381.0	243.9	144.1	64.6	15.0	0.0
5°	575.2	380.5	244.1	144.3	64.7	15.0	0.0
2.5°	575.3	378.7	243.5	144.0	64.5	14.9	0.0
0°	573.1	375.5	242.1	143.3	64.2	14.8	0.0
-2.5°	575.3	378.7	243.5	144.0	64.5	14.9	0.0
-5°	575.2	380.5	244.1	144.3	64.7	15.0	0.0
-7.5°	572.8	381.0	243.9	144.1	64.6	15.0	0.0
-10°	568.3	380.0	242.9	143.5	64.4	15.0	0.0
-12.5°	561.7	377.5	241.1	142.4	63.9	15.0	0.0
-15°	553.0	373.5	238.5	140.8	63.3	14.9	0.0
-17.5°	542.4	367.9	235.1	138.7	62.5	14.8	0.0
-20°	532.1	360.8	230.9	136.1	61.4	14.7	0.0

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CATALOG NUMBER: GFLD-SA3E-735-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	523.9	352.0	225.8	133.0	60.2	14.6	0.0
-25°	514.0	345.6	220.0	129.5	58.7	14.4	0.0
-27.5°	502.4	339.3	213.4	125.5	57.1	14.2	0.0
-30°	489.2	331.3	206.3	121.0	55.2	13.9	0.0
-32.5°	474.5	321.7	201.6	116.1	53.2	13.6	0.0
-35°	460.4	310.4	195.7	110.7	51.0	13.3	0.0
-37.5°	445.1	299.1	188.7	104.8	48.5	12.9	0.0
-40°	427.9	289.3	180.4	98.5	45.9	12.6	0.0
-42.5°	408.5	277.9	172.2	92.2	43.2	12.2	0.0
-45°	387.3	264.8	163.9	86.0	40.2	11.7	0.0
-47.5°	364.0	250.0	154.6	79.1	37.1	11.2	0.0
-50°	343.1	233.7	144.3	73.9	33.8	10.7	0.0
-52.5°	320.8	215.8	133.0	68.8	30.3	10.2	0.0
-55°	296.5	199.0	120.7	63.3	26.7	9.7	0.0
-57.5°	270.2	181.3	107.4	57.3	23.0	9.1	0.0
-60°	242.5	162.2	93.6	50.8	19.1	8.5	0.0
-62.5°	216.1	141.9	83.2	44.0	17.7	7.9	0.0
-65°	188.2	120.5	72.1	36.8	16.3	7.2	0.0
-67.5°	158.8	100.9	60.4	29.2	14.8	6.5	0.0
-70°	128.0	83.4	48.1	21.3	13.3	5.9	0.0
-72.5°	102.3	65.1	35.4	17.8	11.8	5.2	0.0
-75°	76.7	46.2	22.2	15.3	10.1	4.5	0.0
-77.5°	50.2	26.7	17.1	12.8	8.5	3.7	0.0
-80°	23.1	17.1	13.7	10.3	6.8	3.0	0.0
-82.5°	15.3	12.8	10.3	7.7	5.2	2.3	0.0
-85°	10.2	8.6	6.9	5.2	3.4	1.5	0.0
-87.5°	5.1	4.3	3.4	2.6	1.7	0.8	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)