

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: P627277 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627277 (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: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3E-735-U-MWR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, MEDIUM WIDE SYMMETRICAL ROUND N74
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

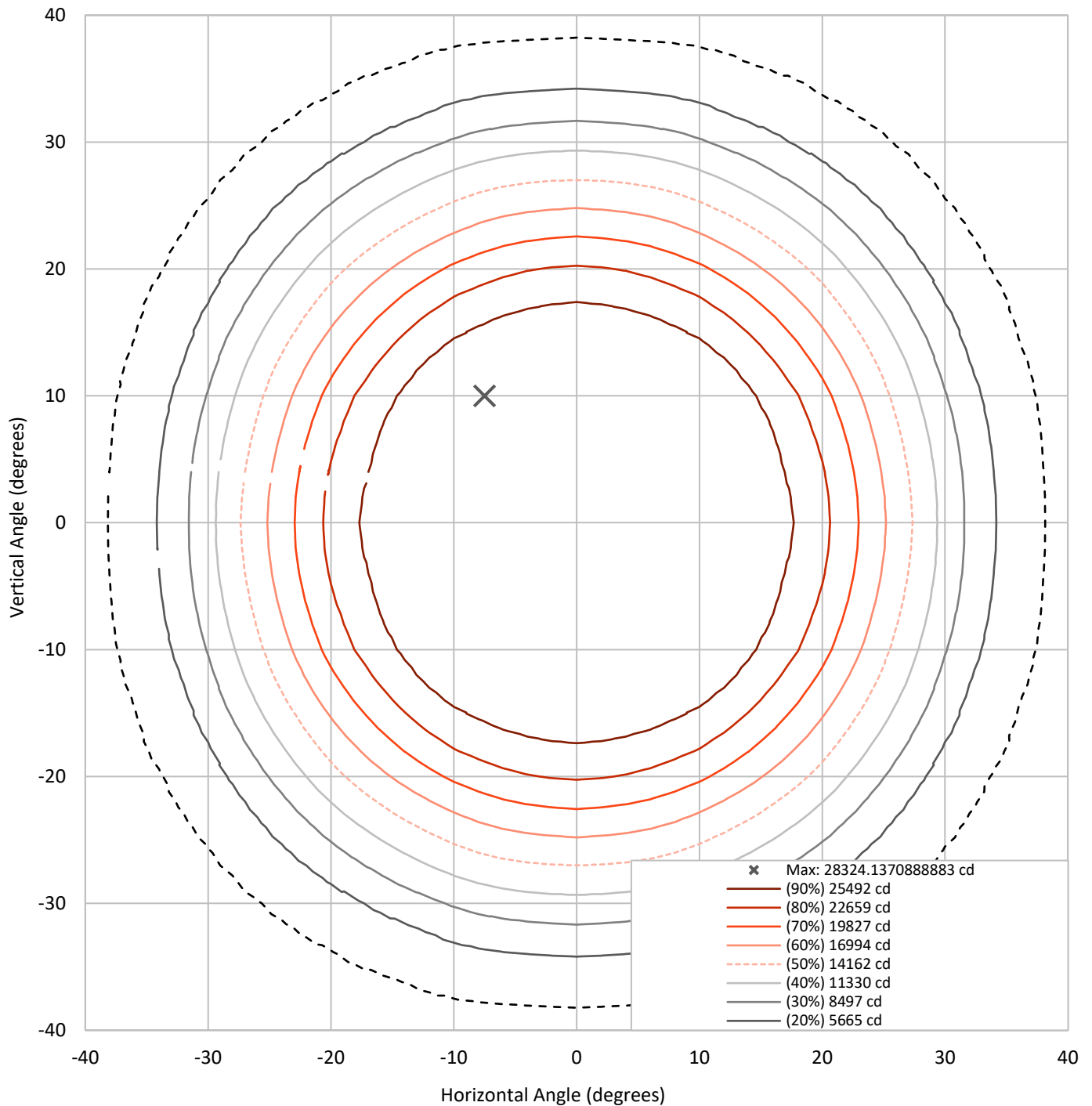
Summary

Lumens per Lamp:	N/A	NEMA Type:	5H x 5V
Luminaire Lumens:	24106.5 lumens	Max Intensity:	28324.1 candela
Efficiency:	N/A	Max Intensity Angle:	-7.5°H x 10°V
Efficacy:	130.2 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	51°H x 52.3°V	Field Angle (10%):	74.5°H x 75.5°V
Beam Lumens:	16000.4 lumens	Field Lumens:	20805.2 lumens
Beam Efficiency:	66.4%	Field Efficiency:	86.3%
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





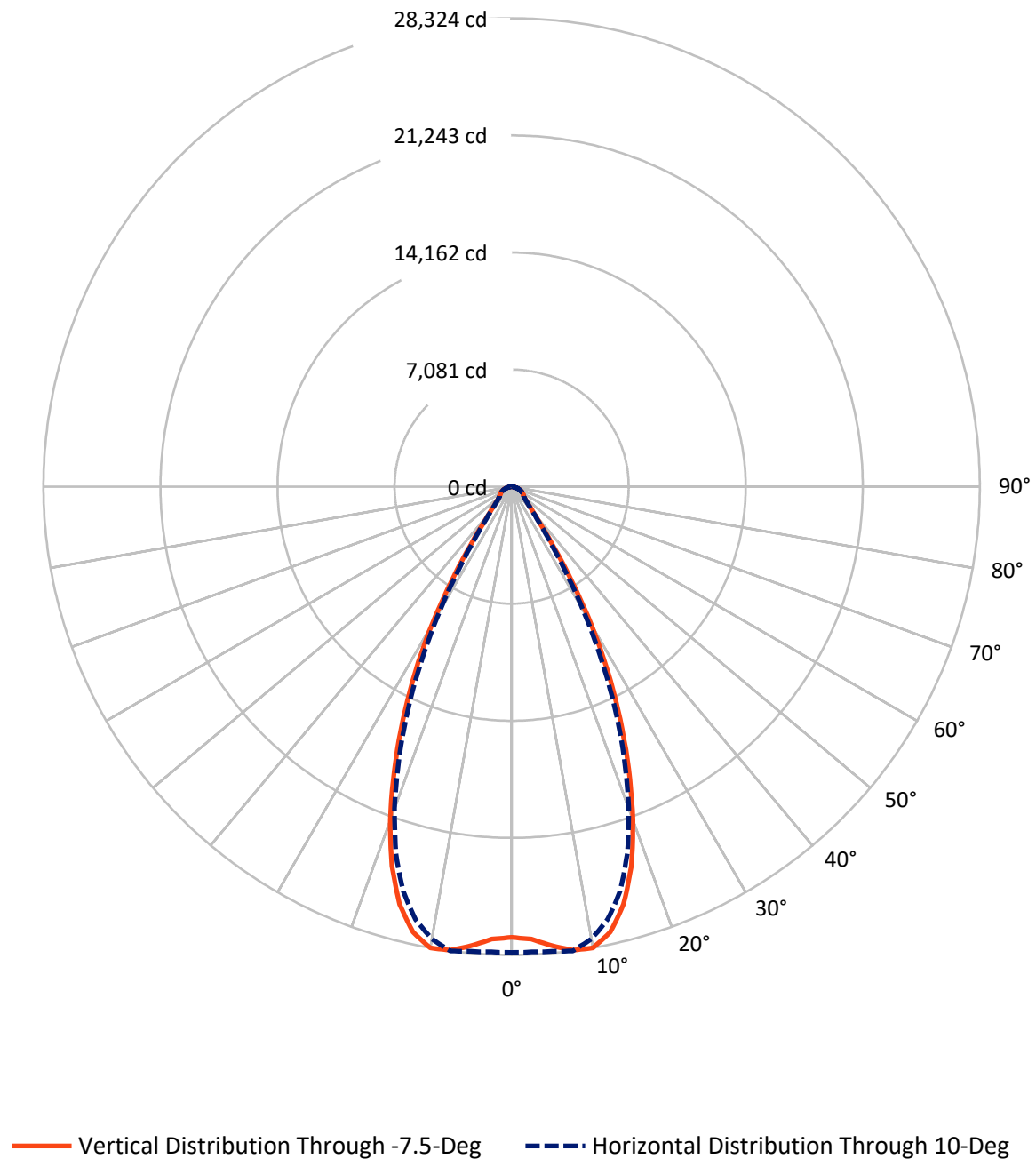
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Lumen Table

90																			
80	0.6	5.7		15.1		23.9		26.7		23.9		15.1		5.7		0.6			
70																			
60	2.6	2.9	5.9	9.6	13.5	16.4	18.5	19.6	19.6	18.5	16.4	13.5	9.6	5.9	2.9	2.6			
50		4.3	8.7	13.9	18.6	22.5	25.2	26.3	26.3	25.2	22.5	18.6	13.9	8.7	4.3				
40	4.5	5.6	11.0	16.9	22.6	29.5	37.0	42.5	42.5	37.0	29.5	22.6	16.9	11.0	5.6	4.5			
30		6.6	12.8	19.4	30.0	54.8	104.9	155.4	155.4	104.9	54.8	30.0	19.4	12.8	6.6				
20	5.9	7.4	13.9	22.7	49.4	154.7	347.2	484.8	484.8	347.2	154.7	49.4	22.7	13.9	7.4	5.9			
10		7.9	14.7	26.9	89.3	329.9	630.0	788.5	788.5	630.0	329.9	89.3	26.9	14.7	7.9				
0	6.3	8.2	15.1	30.3	128.5	451.5	764.3	831.6	831.6	764.3	451.5	128.5	30.3	15.1	8.2	6.3			
-10		8.2	15.1	30.3	128.5	451.5	764.3	831.6	831.6	764.3	451.5	128.5	30.3	15.1	8.2				
-20	5.9	7.9	14.7	26.9	89.3	329.9	630.0	788.5	788.5	630.0	329.9	89.3	26.9	14.7	7.9	5.9			
-30		7.4	13.9	22.7	49.4	154.7	347.2	484.8	484.8	347.2	154.7	49.4	22.7	13.9	7.4				
-40	4.5	6.6	12.8	19.4	30.0	54.8	104.9	155.4	155.4	104.9	54.8	30.0	19.4	12.8	6.6	4.5			
-50		5.6	11.0	16.9	22.6	29.5	37.0	42.5	42.5	37.0	29.5	22.6	16.9	11.0	5.6				
-60	2.6	4.3	8.7	13.9	18.6	22.5	25.2	26.3	26.3	25.2	22.5	18.6	13.9	8.7	4.3	2.6			
-70		2.9	5.9	9.6	13.5	16.4	18.5	19.6	19.6	18.5	16.4	13.5	9.6	5.9	2.9				
-80																			
-90	0.6	5.7		15.1		23.9		26.7		23.9		15.1		5.7		0.6			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

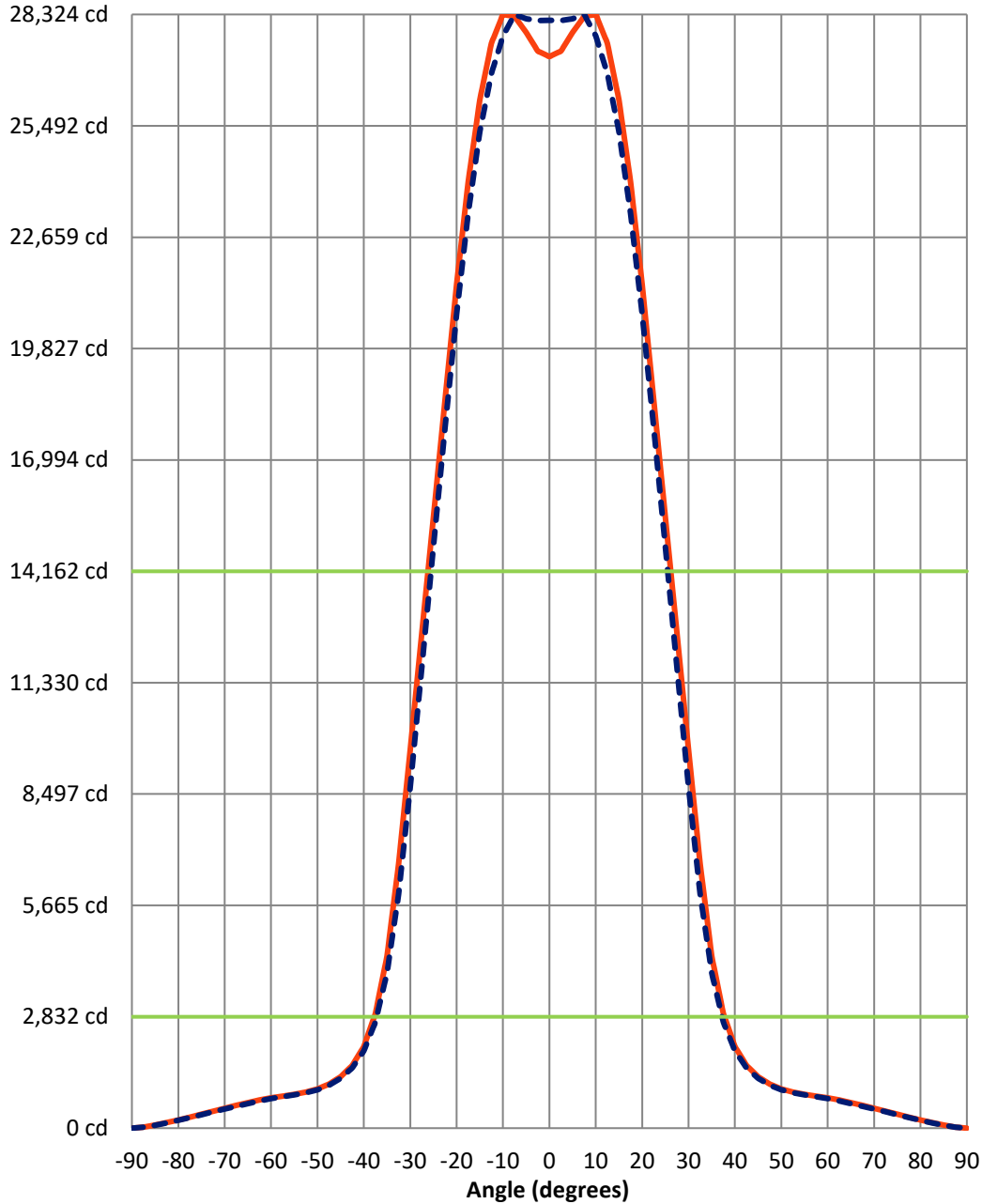
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 51°
 V Angle: 52.3°
 Lumens: 16000.4
 Efficiency: 66.4%

Field:
 H Angle: 74.5°
 V Angle: 75.5°
 Lumens: 20805.2
 Efficiency: 86.3%

Spill:
 Lumens: 3301.3
 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	1.1	2.2	3.2	4.3	5.4	6.4	7.8	9.3	10.9	12.5
85°	0.0	2.2	4.3	6.5	8.6	10.7	12.8	15.6	18.6	21.7	25.0
82.5°	0.0	3.2	6.5	9.7	12.9	16.1	19.2	23.4	28.4	35.8	42.8
80°	0.0	4.3	8.6	12.9	17.1	21.4	26.5	36.4	46.0	55.0	63.5
77.5°	0.0	5.4	10.7	16.1	21.4	28.8	40.3	52.2	63.5	74.2	85.7
75°	0.0	6.4	12.8	19.2	26.5	40.3	54.0	67.8	81.3	97.0	112.3
72.5°	0.0	7.5	14.9	22.3	35.6	51.7	67.6	84.2	102.6	120.8	138.7
70°	0.0	8.5	16.9	26.1	44.5	62.8	81.3	102.6	123.6	144.4	166.1
67.5°	0.0	9.5	19.0	32.7	53.4	73.9	96.8	120.8	144.3	168.6	193.3
65°	0.0	10.5	20.9	39.2	62.0	85.5	112.0	138.7	165.2	192.3	221.1
62.5°	0.0	11.4	22.9	45.6	70.6	97.7	126.8	156.3	185.6	216.2	251.0
60°	0.0	12.4	24.8	51.9	78.9	109.6	141.2	173.4	205.4	242.2	280.1
57.5°	0.0	13.3	28.8	58.0	88.0	121.1	155.6	190.1	227.0	267.3	307.5
55°	0.0	14.2	32.6	63.9	96.8	132.3	169.8	206.4	248.4	291.6	333.9
52.5°	0.0	15.1	36.4	69.7	105.4	143.2	183.6	224.4	269.2	314.6	359.4
50°	0.0	15.9	40.0	75.2	113.6	154.5	197.0	241.9	289.0	336.9	384.2
47.5°	0.0	16.8	43.4	80.7	121.5	165.4	210.2	258.7	308.1	358.4	408.1
45°	0.0	17.5	46.7	86.4	129.0	175.9	223.9	274.8	326.6	379.0	431.2
42.5°	0.0	18.3	49.9	91.7	136.2	186.1	237.0	290.1	344.1	398.8	452.9
40°	0.0	19.0	52.8	96.7	143.5	195.8	249.4	304.5	360.8	417.8	473.8
37.5°	0.0	19.7	55.6	101.4	150.9	205.1	261.1	318.1	376.9	436.0	493.9
35°	0.0	20.3	58.2	105.7	157.9	214.2	272.0	330.9	392.3	453.1	512.6
32.5°	0.0	20.9	60.6	109.8	164.5	222.8	282.2	342.7	406.9	468.9	529.1
30°	0.0	21.5	62.9	113.6	170.7	230.7	291.7	353.9	420.7	483.6	544.5
27.5°	0.0	22.0	64.9	117.0	176.2	238.0	300.4	364.8	433.2	496.9	558.7
25°	0.0	22.5	66.8	120.2	181.2	244.7	308.2	375.0	444.1	508.7	571.8
22.5°	0.0	22.9	68.4	123.0	185.7	250.7	315.3	384.3	453.8	519.2	583.6
20°	0.0	23.3	69.9	125.6	189.8	255.7	321.5	392.7	462.5	528.6	594.1
17.5°	0.0	23.7	71.1	127.8	193.3	260.1	327.2	400.1	470.0	536.8	603.3
15°	0.0	24.0	72.2	129.6	196.3	263.9	332.3	406.8	476.3	543.8	611.2
12.5°	0.0	24.2	73.1	131.2	198.7	267.0	336.7	412.7	482.0	549.6	617.7
10°	0.0	24.4	73.7	132.4	200.7	269.4	340.3	417.6	486.9	555.1	623.3
7.5°	0.0	24.6	74.2	133.3	202.1	271.2	343.2	421.4	490.8	559.5	628.2
5°	0.0	24.7	74.4	133.8	203.0	272.4	345.3	424.1	493.5	562.6	631.7
2.5°	0.0	24.8	74.5	134.0	203.4	272.8	346.6	425.8	495.1	564.5	633.8
0°	0.0	24.8	74.4	133.8	203.2	272.6	347.0	426.3	495.7	565.1	634.5
-2.5°	0.0	24.8	74.5	134.0	203.4	272.8	346.6	425.8	495.1	564.5	633.8
-5°	0.0	24.7	74.4	133.8	203.0	272.4	345.3	424.1	493.5	562.6	631.7
-7.5°	0.0	24.6	74.2	133.3	202.1	271.2	343.2	421.4	490.8	559.5	628.2
-10°	0.0	24.4	73.7	132.4	200.7	269.4	340.3	417.6	486.9	555.1	623.3
-12.5°	0.0	24.2	73.1	131.2	198.7	267.0	336.7	412.7	482.0	549.6	617.7
-15°	0.0	24.0	72.2	129.6	196.3	263.9	332.3	406.8	476.3	543.8	611.2
-17.5°	0.0	23.7	71.1	127.8	193.3	260.1	327.2	400.1	470.0	536.8	603.3
-20°	0.0	23.3	69.9	125.6	189.8	255.7	321.5	392.7	462.5	528.6	594.1

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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	22.9	68.4	123.0	185.7	250.7	315.3	384.3	453.8	519.2	583.6
-25°	0.0	22.5	66.8	120.2	181.2	244.7	308.2	375.0	444.1	508.7	571.8
-27.5°	0.0	22.0	64.9	117.0	176.2	238.0	300.4	364.8	433.2	496.9	558.7
-30°	0.0	21.5	62.9	113.6	170.7	230.7	291.7	353.9	420.7	483.6	544.5
-32.5°	0.0	20.9	60.6	109.8	164.5	222.8	282.2	342.7	406.9	468.9	529.1
-35°	0.0	20.3	58.2	105.7	157.9	214.2	272.0	330.9	392.3	453.1	512.6
-37.5°	0.0	19.7	55.6	101.4	150.9	205.1	261.1	318.1	376.9	436.0	493.9
-40°	0.0	19.0	52.8	96.7	143.5	195.8	249.4	304.5	360.8	417.8	473.8
-42.5°	0.0	18.3	49.9	91.7	136.2	186.1	237.0	290.1	344.1	398.8	452.9
-45°	0.0	17.5	46.7	86.4	129.0	175.9	223.9	274.8	326.6	379.0	431.2
-47.5°	0.0	16.8	43.4	80.7	121.5	165.4	210.2	258.7	308.1	358.4	408.1
-50°	0.0	15.9	40.0	75.2	113.6	154.5	197.0	241.9	289.0	336.9	384.2
-52.5°	0.0	15.1	36.4	69.7	105.4	143.2	183.6	224.4	269.2	314.6	359.4
-55°	0.0	14.2	32.6	63.9	96.8	132.3	169.8	206.4	248.4	291.6	333.9
-57.5°	0.0	13.3	28.8	58.0	88.0	121.1	155.6	190.1	227.0	267.3	307.5
-60°	0.0	12.4	24.8	51.9	78.9	109.6	141.2	173.4	205.4	242.2	280.1
-62.5°	0.0	11.4	22.9	45.6	70.6	97.7	126.8	156.3	185.6	216.2	251.0
-65°	0.0	10.5	20.9	39.2	62.0	85.5	112.0	138.7	165.2	192.3	221.1
-67.5°	0.0	9.5	19.0	32.7	53.4	73.9	96.8	120.8	144.3	168.6	193.3
-70°	0.0	8.5	16.9	26.1	44.5	62.8	81.3	102.6	123.6	144.4	166.1
-72.5°	0.0	7.5	14.9	22.3	35.6	51.7	67.6	84.2	102.6	120.8	138.7
-75°	0.0	6.4	12.8	19.2	26.5	40.3	54.0	67.8	81.3	97.0	112.3
-77.5°	0.0	5.4	10.7	16.1	21.4	28.8	40.3	52.2	63.5	74.2	85.7
-80°	0.0	4.3	8.6	12.9	17.1	21.4	26.5	36.4	46.0	55.0	63.5
-82.5°	0.0	3.2	6.5	9.7	12.9	16.1	19.2	23.4	28.4	35.8	42.8
-85°	0.0	2.2	4.3	6.5	8.6	10.7	12.8	15.6	18.6	21.7	25.0
-87.5°	0.0	1.1	2.2	3.2	4.3	5.4	6.4	7.8	9.3	10.9	12.5
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	13.7	14.8	16.0	17.0	18.1	19.1	20.1	21.0	21.9	22.7	23.6
85°	27.4	29.7	33.6	37.7	41.5	45.2	48.8	52.3	55.6	58.7	61.7
82.5°	49.1	55.5	62.1	68.8	74.6	80.2	85.7	91.3	97.0	102.6	108.1
80°	72.2	81.2	91.5	101.2	109.7	117.8	125.6	133.2	141.3	150.0	158.9
77.5°	99.0	111.7	123.7	135.0	145.8	157.6	169.0	179.9	191.3	202.6	213.4
75°	127.6	142.2	157.5	172.6	187.2	201.4	215.2	229.3	243.6	257.8	271.4
72.5°	157.1	175.6	193.6	211.2	229.4	247.2	264.3	280.9	297.9	315.3	331.9
70°	187.8	208.8	231.1	252.6	273.1	293.8	314.8	334.9	354.6	374.8	394.8
67.5°	218.7	245.2	270.3	294.2	318.3	342.7	366.3	390.4	413.7	437.2	459.5
65°	252.8	281.8	309.2	336.5	363.9	392.5	420.4	447.3	474.4	500.5	524.1
62.5°	286.3	317.0	347.4	378.4	411.1	443.2	473.7	504.5	536.0	563.4	587.2
60°	317.0	351.1	385.1	420.5	456.6	491.2	525.3	558.8	592.7	624.2	643.7
57.5°	346.6	384.4	422.1	460.2	498.2	536.8	572.6	609.5	641.0	667.6	690.1
55°	375.6	416.6	456.7	496.7	537.7	578.0	617.0	652.1	682.8	705.0	726.7
52.5°	403.7	447.0	488.3	531.6	575.2	618.0	658.8	691.3	716.4	739.1	759.4
50°	431.0	475.0	518.7	565.5	611.6	656.9	695.2	723.7	749.3	771.3	792.7
47.5°	456.6	502.4	549.1	598.4	646.9	690.7	725.9	755.7	781.8	805.7	830.9
45°	481.1	529.8	579.1	630.0	679.6	721.8	755.8	787.9	812.4	839.3	868.2
42.5°	505.0	556.1	607.8	660.4	710.5	750.0	783.9	813.4	842.1	873.9	908.9
40°	527.7	580.9	634.9	689.6	739.6	774.6	807.8	839.0	873.9	911.8	952.2
37.5°	549.0	604.2	660.3	717.1	761.0	797.1	831.1	865.8	906.5	950.3	1005.2
35°	568.9	626.0	683.9	738.5	780.2	818.5	853.6	892.4	939.8	997.1	1067.5
32.5°	587.3	646.1	705.7	755.8	797.9	837.6	873.8	922.1	979.1	1047.3	1146.9
30°	604.3	664.5	724.3	772.8	813.8	853.7	897.7	952.2	1018.9	1118.5	1245.9
27.5°	620.1	681.2	738.9	786.9	828.1	869.2	920.7	986.7	1074.6	1193.4	1351.8
25°	634.6	697.2	752.9	798.7	841.3	886.9	942.8	1017.1	1132.6	1286.0	1500.1
22.5°	647.7	711.6	766.4	809.0	853.7	903.1	968.4	1061.3	1194.4	1373.5	1649.7
20°	659.4	722.5	776.4	818.7	865.1	916.4	991.1	1103.1	1263.7	1495.7	1848.2
17.5°	669.7	732.0	783.9	828.0	876.2	931.6	1013.3	1139.3	1325.2	1602.3	2048.9
15°	678.5	740.2	790.3	835.9	885.9	949.0	1044.0	1186.7	1396.7	1713.1	2223.7
12.5°	685.7	746.9	795.5	842.4	893.9	963.5	1070.4	1231.4	1470.9	1849.3	2481.4
10°	691.5	752.2	799.4	847.4	900.1	975.1	1091.8	1268.0	1532.4	1967.2	2701.3
7.5°	696.8	756.1	802.2	850.9	904.6	983.7	1108.0	1296.1	1579.6	2059.8	2875.2
5°	700.8	758.4	803.7	853.0	908.4	989.4	1119.1	1315.7	1612.1	2126.0	2997.6
2.5°	703.1	759.1	804.0	853.6	911.1	992.0	1124.8	1326.5	1637.8	2157.3	3063.4
0°	703.9	758.4	803.0	852.6	912.1	991.4	1125.2	1328.5	1650.7	2156.3	3073.3
-2.5°	703.1	759.1	804.0	853.6	911.1	992.0	1124.8	1326.5	1637.8	2157.3	3063.4
-5°	700.8	758.4	803.7	853.0	908.4	989.4	1119.1	1315.7	1612.1	2126.0	2997.6
-7.5°	696.8	756.1	802.2	850.9	904.6	983.7	1108.0	1296.1	1579.6	2059.8	2875.2
-10°	691.5	752.2	799.4	847.4	900.1	975.1	1091.8	1268.0	1532.4	1967.2	2701.3
-12.5°	685.7	746.9	795.5	842.4	893.9	963.5	1070.4	1231.4	1470.9	1849.3	2481.4
-15°	678.5	740.2	790.3	835.9	885.9	949.0	1044.0	1186.7	1396.7	1713.1	2223.7
-17.5°	669.7	732.0	783.9	828.0	876.2	931.6	1013.3	1139.3	1325.2	1602.3	2048.9
-20°	659.4	722.5	776.4	818.7	865.1	916.4	991.1	1103.1	1263.7	1495.7	1848.2

Classified

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

Scaled Data Report



REPORT NUMBER: P627277 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-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°	647.7	711.6	766.4	809.0	853.7	903.1	968.4	1061.3	1194.4	1373.5	1649.7
-25°	634.6	697.2	752.9	798.7	841.3	886.9	942.8	1017.1	1132.6	1286.0	1500.1
-27.5°	620.1	681.2	738.9	786.9	828.1	869.2	920.7	986.7	1074.6	1193.4	1351.8
-30°	604.3	664.5	724.3	772.8	813.8	853.7	897.7	952.2	1018.9	1118.5	1245.9
-32.5°	587.3	646.1	705.7	755.8	797.9	837.6	873.8	922.1	979.1	1047.3	1146.9
-35°	568.9	626.0	683.9	738.5	780.2	818.5	853.6	892.4	939.8	997.1	1067.5
-37.5°	549.0	604.2	660.3	717.1	761.0	797.1	831.1	865.8	906.5	950.3	1005.2
-40°	527.7	580.9	634.9	689.6	739.6	774.6	807.8	839.0	873.9	911.8	952.2
-42.5°	505.0	556.1	607.8	660.4	710.5	750.0	783.9	813.4	842.1	873.9	908.9
-45°	481.1	529.8	579.1	630.0	679.6	721.8	755.8	787.9	812.4	839.3	868.2
-47.5°	456.6	502.4	549.1	598.4	646.9	690.7	725.9	755.7	781.8	805.7	830.9
-50°	431.0	475.0	518.7	565.5	611.6	656.9	695.2	723.7	749.3	771.3	792.7
-52.5°	403.7	447.0	488.3	531.6	575.2	618.0	658.8	691.3	716.4	739.1	759.4
-55°	375.6	416.6	456.7	496.7	537.7	578.0	617.0	652.1	682.8	705.0	726.7
-57.5°	346.6	384.4	422.1	460.2	498.2	536.8	572.6	609.5	641.0	667.6	690.1
-60°	317.0	351.1	385.1	420.5	456.6	491.2	525.3	558.8	592.7	624.2	643.7
-62.5°	286.3	317.0	347.4	378.4	411.1	443.2	473.7	504.5	536.0	563.4	587.2
-65°	252.8	281.8	309.2	336.5	363.9	392.5	420.4	447.3	474.4	500.5	524.1
-67.5°	218.7	245.2	270.3	294.2	318.3	342.7	366.3	390.4	413.7	437.2	459.5
-70°	187.8	208.8	231.1	252.6	273.1	293.8	314.8	334.9	354.6	374.8	394.8
-72.5°	157.1	175.6	193.6	211.2	229.4	247.2	264.3	280.9	297.9	315.3	331.9
-75°	127.6	142.2	157.5	172.6	187.2	201.4	215.2	229.3	243.6	257.8	271.4
-77.5°	99.0	111.7	123.7	135.0	145.8	157.6	169.0	179.9	191.3	202.6	213.4
-80°	72.2	81.2	91.5	101.2	109.7	117.8	125.6	133.2	141.3	150.0	158.9
-82.5°	49.1	55.5	62.1	68.8	74.6	80.2	85.7	91.3	97.0	102.6	108.1
-85°	27.4	29.7	33.6	37.7	41.5	45.2	48.8	52.3	55.6	58.7	61.7
-87.5°	13.7	14.8	16.0	17.0	18.1	19.1	20.1	21.0	21.9	22.7	23.6
-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: P627277 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-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°	24.3	24.0	23.6	23.1	22.5	24.0	25.6	27.1	28.7	27.8	26.8
85°	64.5	66.0	67.2	68.2	69.1	72.2	75.2	78.0	80.5	80.5	80.2
82.5°	113.6	117.2	120.3	123.2	125.7	129.3	132.5	135.3	137.7	139.5	141.0
80°	167.3	173.2	178.3	182.9	187.1	191.8	196.2	200.1	203.6	205.4	206.6
77.5°	224.1	232.8	240.5	247.9	254.9	261.8	268.2	273.8	278.8	279.9	279.6
75°	284.3	295.9	306.9	317.0	326.3	334.4	341.1	346.8	351.5	353.8	355.0
72.5°	347.7	362.0	374.9	386.4	396.4	404.6	411.8	418.0	423.3	426.6	428.6
70°	413.7	430.7	443.9	454.8	463.3	471.5	480.7	489.6	497.8	502.4	504.2
67.5°	480.0	497.5	509.7	519.6	527.4	535.5	547.1	557.6	566.9	573.2	577.2
65°	544.9	563.4	575.5	585.0	592.2	600.3	613.3	623.7	631.6	637.9	643.5
62.5°	609.0	627.7	641.2	652.4	662.8	671.8	682.4	691.2	697.9	704.1	711.1
60°	664.6	686.7	700.8	712.3	725.2	739.1	747.0	753.5	759.2	764.2	768.5
57.5°	709.9	729.6	747.8	761.6	775.0	788.0	797.2	803.4	808.4	812.1	813.5
55°	747.9	768.2	788.6	803.5	816.7	828.8	838.9	847.0	853.6	858.8	860.0
52.5°	781.9	804.8	824.7	841.9	859.4	873.6	884.8	895.7	905.2	912.9	916.2
50°	818.9	842.9	867.7	890.8	909.4	925.7	939.3	954.6	970.8	984.2	992.6
47.5°	857.9	885.4	915.5	943.9	965.9	990.0	1012.5	1035.3	1065.4	1090.7	1109.5
45°	898.6	934.0	968.3	1004.4	1034.8	1080.3	1122.6	1158.9	1207.1	1250.9	1285.7
42.5°	946.6	990.7	1032.9	1090.7	1151.2	1213.3	1280.6	1337.9	1413.3	1490.1	1552.1
40°	1003.6	1059.9	1134.2	1211.8	1307.3	1392.8	1508.8	1612.2	1727.9	1874.2	1995.1
37.5°	1072.1	1159.0	1262.2	1370.4	1519.3	1661.6	1853.3	2055.4	2238.8	2520.3	2757.1
35°	1161.2	1282.7	1418.5	1609.9	1820.7	2087.4	2386.6	2776.9	3111.6	3586.5	4040.2
32.5°	1276.0	1432.1	1653.9	1949.5	2261.1	2745.2	3219.9	3897.7	4525.2	5277.8	6090.0
30°	1403.6	1641.3	1980.2	2385.6	2966.8	3679.1	4515.9	5556.8	6696.0	7753.8	8796.1
27.5°	1588.7	1929.2	2374.5	3028.6	3934.5	4931.0	6397.1	7810.1	9284.4	10594.9	11687.8
25°	1804.8	2254.8	2943.3	3906.4	5131.6	6837.9	8593.0	10336.9	11922.4	13294.3	14501.9
22.5°	2083.8	2730.9	3648.9	4896.4	6804.2	8849.3	10907.3	12830.9	14522.1	16049.9	17357.1
20°	2387.4	3197.1	4508.0	6368.2	8549.9	10879.9	13203.6	15252.7	17114.9	18847.1	20320.4
17.5°	2772.0	3906.0	5566.1	7797.6	10320.0	12872.9	15314.1	17537.7	19650.4	21483.4	23022.7
15°	3099.9	4530.3	6696.9	9314.2	12042.5	14735.4	17312.7	19728.0	21924.4	23805.1	25252.3
12.5°	3537.1	5230.0	7701.0	10617.9	13574.4	16407.9	19122.6	21619.0	23854.3	25714.3	26840.9
10°	3950.5	5954.5	8671.4	11713.3	14784.9	17804.0	20702.5	23262.8	25338.1	26817.7	27777.8
7.5°	4301.9	6577.0	9460.8	12598.8	15746.7	18903.1	21837.2	24328.3	26241.8	27477.5	28145.9
5°	4564.3	7042.5	10046.8	13318.3	16548.5	19760.3	22671.5	25010.0	26663.9	27581.9	27917.5
2.5°	4731.5	7315.8	10386.8	13790.4	17085.1	20302.7	23243.8	25545.6	26948.8	27557.3	27615.2
0°	4798.3	7351.1	10439.3	14038.0	17220.3	20457.2	23406.6	25766.1	27054.9	27555.5	27545.6
-2.5°	4731.5	7315.8	10386.8	13790.4	17085.1	20302.7	23243.8	25545.6	26948.8	27557.3	27615.2
-5°	4564.3	7042.5	10046.8	13318.3	16548.5	19760.3	22671.5	25010.0	26663.9	27581.9	27917.5
-7.5°	4301.9	6577.0	9460.8	12598.8	15746.7	18903.1	21837.2	24328.3	26241.8	27477.5	28145.9
-10°	3950.5	5954.5	8671.4	11713.3	14784.9	17804.0	20702.5	23262.8	25338.1	26817.7	27777.8
-12.5°	3537.1	5230.0	7701.0	10617.9	13574.4	16407.9	19122.6	21619.0	23854.3	25714.3	26840.9
-15°	3099.9	4530.3	6696.9	9314.2	12042.5	14735.4	17312.7	19728.0	21924.4	23805.1	25252.3
-17.5°	2772.0	3906.0	5566.1	7797.6	10320.0	12872.9	15314.1	17537.7	19650.4	21483.4	23022.7
-20°	2387.4	3197.1	4508.0	6368.2	8549.9	10879.9	13203.6	15252.7	17114.9	18847.1	20320.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627277 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	2083.8	2730.9	3648.9	4896.4	6804.2	8849.3	10907.3	12830.9	14522.1	16049.9	17357.1
-25°	1804.8	2254.8	2943.3	3906.4	5131.6	6837.9	8593.0	10336.9	11922.4	13294.3	14501.9
-27.5°	1588.7	1929.2	2374.5	3028.6	3934.5	4931.0	6397.1	7810.1	9284.4	10594.9	11687.8
-30°	1403.6	1641.3	1980.2	2385.6	2966.8	3679.1	4515.9	5556.8	6696.0	7753.8	8796.1
-32.5°	1276.0	1432.1	1653.9	1949.5	2261.1	2745.2	3219.9	3897.7	4525.2	5277.8	6090.0
-35°	1161.2	1282.7	1418.5	1609.9	1820.7	2087.4	2386.6	2776.9	3111.6	3586.5	4040.2
-37.5°	1072.1	1159.0	1262.2	1370.4	1519.3	1661.6	1853.3	2055.4	2238.8	2520.3	2757.1
-40°	1003.6	1059.9	1134.2	1211.8	1307.3	1392.8	1508.8	1612.2	1727.9	1874.2	1995.1
-42.5°	946.6	990.7	1032.9	1090.7	1151.2	1213.3	1280.6	1337.9	1413.3	1490.1	1552.1
-45°	898.6	934.0	968.3	1004.4	1034.8	1080.3	1122.6	1158.9	1207.1	1250.9	1285.7
-47.5°	857.9	885.4	915.5	943.9	965.9	990.0	1012.5	1035.3	1065.4	1090.7	1109.5
-50°	818.9	842.9	867.7	890.8	909.4	925.7	939.3	954.6	970.8	984.2	992.6
-52.5°	781.9	804.8	824.7	841.9	859.4	873.6	884.8	895.7	905.2	912.9	916.2
-55°	747.9	768.2	788.6	803.5	816.7	828.8	838.9	847.0	853.6	858.8	860.0
-57.5°	709.9	729.6	747.8	761.6	775.0	788.0	797.2	803.4	808.4	812.1	813.5
-60°	664.6	686.7	700.8	712.3	725.2	739.1	747.0	753.5	759.2	764.2	768.5
-62.5°	609.0	627.7	641.2	652.4	662.8	671.8	682.4	691.2	697.9	704.1	711.1
-65°	544.9	563.4	575.5	585.0	592.2	600.3	613.3	623.7	631.6	637.9	643.5
-67.5°	480.0	497.5	509.7	519.6	527.4	535.5	547.1	557.6	566.9	573.2	577.2
-70°	413.7	430.7	443.9	454.8	463.3	471.5	480.7	489.6	497.8	502.4	504.2
-72.5°	347.7	362.0	374.9	386.4	396.4	404.6	411.8	418.0	423.3	426.6	428.6
-75°	284.3	295.9	306.9	317.0	326.3	334.4	341.1	346.8	351.5	353.8	355.0
-77.5°	224.1	232.8	240.5	247.9	254.9	261.8	268.2	273.8	278.8	279.9	279.6
-80°	167.3	173.2	178.3	182.9	187.1	191.8	196.2	200.1	203.6	205.4	206.6
-82.5°	113.6	117.2	120.3	123.2	125.7	129.3	132.5	135.3	137.7	139.5	141.0
-85°	64.5	66.0	67.2	68.2	69.1	72.2	75.2	78.0	80.5	80.5	80.2
-87.5°	24.3	24.0	23.6	23.1	22.5	24.0	25.6	27.1	28.7	27.8	26.8
-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: P627277 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-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°	25.8	24.7	24.8	24.8	24.8	24.7	25.8	26.8	27.8	28.7	27.1
85°	79.6	78.9	76.8	74.4	76.8	78.9	79.6	80.2	80.5	80.5	78.0
82.5°	142.2	143.1	141.1	138.8	141.1	143.1	142.2	141.0	139.5	137.7	135.3
80°	207.2	207.2	205.5	203.2	205.5	207.2	207.2	206.6	205.4	203.6	200.1
77.5°	278.5	276.4	277.3	277.6	277.3	276.4	278.5	279.6	279.9	278.8	273.8
75°	355.5	355.2	354.0	351.9	354.0	355.2	355.5	355.0	353.8	351.5	346.8
72.5°	429.5	429.5	428.4	426.3	428.4	429.5	429.5	428.6	426.6	423.3	418.0
70°	504.6	503.7	505.0	505.6	505.0	503.7	504.6	504.2	502.4	497.8	489.6
67.5°	580.3	582.3	582.0	580.0	582.0	582.3	580.3	577.2	573.2	566.9	557.6
65°	648.1	651.5	653.6	654.3	653.6	651.5	648.1	643.5	637.9	631.6	623.7
62.5°	716.6	720.6	720.8	718.8	720.8	720.6	716.6	711.1	704.1	697.9	691.2
60°	770.9	771.5	770.6	768.3	770.6	771.5	770.9	768.5	764.2	759.2	753.5
57.5°	813.5	812.1	810.4	808.0	810.4	812.1	813.5	813.5	812.1	808.4	803.4
55°	859.3	856.9	854.9	852.6	854.9	856.9	859.3	860.0	858.8	853.6	847.0
52.5°	916.9	915.6	914.2	912.1	914.2	915.6	916.9	916.2	912.9	905.2	895.7
50°	996.9	998.1	998.0	996.3	998.0	998.1	996.9	992.6	984.2	970.8	954.6
47.5°	1121.3	1127.9	1132.4	1135.1	1132.4	1127.9	1121.3	1109.5	1090.7	1065.4	1035.3
45°	1307.9	1321.1	1330.5	1338.4	1330.5	1321.1	1307.9	1285.7	1250.9	1207.1	1158.9
42.5°	1595.7	1625.4	1639.4	1635.8	1639.4	1625.4	1595.7	1552.1	1490.1	1413.3	1337.9
40°	2075.7	2123.5	2150.0	2171.1	2150.0	2123.5	2075.7	1995.1	1874.2	1727.9	1612.2
37.5°	2918.8	3011.6	3060.5	3103.0	3060.5	3011.6	2918.8	2757.1	2520.3	2238.8	2055.4
35°	4379.2	4588.1	4699.9	4738.8	4699.9	4588.1	4379.2	4040.2	3586.5	3111.6	2776.9
32.5°	6722.0	7107.3	7320.3	7485.0	7320.3	7107.3	6722.0	6090.0	5277.8	4525.2	3897.7
30°	9621.4	10128.9	10410.7	10548.3	10410.7	10128.9	9621.4	8796.1	7753.8	6696.0	5556.8
27.5°	12593.6	13170.6	13474.4	13458.0	13474.4	13170.6	12593.6	11687.8	10594.9	9284.4	7810.1
25°	15537.2	16205.4	16508.2	16779.2	16508.2	16205.4	15537.2	14501.9	13294.3	11922.4	10336.9
22.5°	18514.2	19295.6	19722.0	19921.9	19722.0	19295.6	18514.2	17357.1	16049.9	14522.1	12830.9
20°	21455.8	22325.7	22778.3	22975.3	22778.3	22325.7	21455.8	20320.4	18847.1	17114.9	15252.7
17.5°	24064.8	24913.9	25345.3	25528.1	25345.3	24913.9	24064.8	23022.7	21483.4	19650.4	17537.7
15°	26147.9	26774.3	27141.1	27238.3	27141.1	26774.3	26147.9	25252.3	23805.1	21924.4	19728.0
12.5°	27587.9	27830.5	28007.0	28061.1	28007.0	27830.5	27587.9	26840.9	25714.3	23854.3	21619.0
10°	28324.1	28214.6	28169.4	28175.1	28169.4	28214.6	28324.1	27777.8	26817.7	25338.1	23262.8
7.5°	28273.5	28111.4	27785.8	27734.0	27785.8	28111.4	28273.5	28145.9	27477.5	26241.8	24328.3
5°	27867.2	27572.1	27031.8	26876.4	27031.8	27572.1	27867.2	27917.5	27581.9	26663.9	25010.0
2.5°	27393.8	26861.8	26364.0	26043.7	26364.0	26861.8	27393.8	27615.2	27557.3	26948.8	25545.6
0°	27253.2	26638.5	25994.1	25785.9	25994.1	26638.5	27253.2	27545.6	27555.5	27054.9	25766.1
-2.5°	27393.8	26861.8	26364.0	26043.7	26364.0	26861.8	27393.8	27615.2	27557.3	26948.8	25545.6
-5°	27867.2	27572.1	27031.8	26876.4	27031.8	27572.1	27867.2	27917.5	27581.9	26663.9	25010.0
-7.5°	28273.5	28111.4	27785.8	27734.0	27785.8	28111.4	28273.5	28145.9	27477.5	26241.8	24328.3
-10°	28324.1	28214.6	28169.4	28175.1	28169.4	28214.6	28324.1	27777.8	26817.7	25338.1	23262.8
-12.5°	27587.9	27830.5	28007.0	28061.1	28007.0	27830.5	27587.9	26840.9	25714.3	23854.3	21619.0
-15°	26147.9	26774.3	27141.1	27238.3	27141.1	26774.3	26147.9	25252.3	23805.1	21924.4	19728.0
-17.5°	24064.8	24913.9	25345.3	25528.1	25345.3	24913.9	24064.8	23022.7	21483.4	19650.4	17537.7
-20°	21455.8	22325.7	22778.3	22975.3	22778.3	22325.7	21455.8	20320.4	18847.1	17114.9	15252.7



REPORT NUMBER: P627277 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-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°	18514.2	19295.6	19722.0	19921.9	19722.0	19295.6	18514.2	17357.1	16049.9	14522.1	12830.9
-25°	15537.2	16205.4	16508.2	16779.2	16508.2	16205.4	15537.2	14501.9	13294.3	11922.4	10336.9
-27.5°	12593.6	13170.6	13474.4	13458.0	13474.4	13170.6	12593.6	11687.8	10594.9	9284.4	7810.1
-30°	9621.4	10128.9	10410.7	10548.3	10410.7	10128.9	9621.4	8796.1	7753.8	6696.0	5556.8
-32.5°	6722.0	7107.3	7320.3	7485.0	7320.3	7107.3	6722.0	6090.0	5277.8	4525.2	3897.7
-35°	4379.2	4588.1	4699.9	4738.8	4699.9	4588.1	4379.2	4040.2	3586.5	3111.6	2776.9
-37.5°	2918.8	3011.6	3060.5	3103.0	3060.5	3011.6	2918.8	2757.1	2520.3	2238.8	2055.4
-40°	2075.7	2123.5	2150.0	2171.1	2150.0	2123.5	2075.7	1995.1	1874.2	1727.9	1612.2
-42.5°	1595.7	1625.4	1639.4	1635.8	1639.4	1625.4	1595.7	1552.1	1490.1	1413.3	1337.9
-45°	1307.9	1321.1	1330.5	1338.4	1330.5	1321.1	1307.9	1285.7	1250.9	1207.1	1158.9
-47.5°	1121.3	1127.9	1132.4	1135.1	1132.4	1127.9	1121.3	1109.5	1090.7	1065.4	1035.3
-50°	996.9	998.1	998.0	996.3	998.0	998.1	996.9	992.6	984.2	970.8	954.6
-52.5°	916.9	915.6	914.2	912.1	914.2	915.6	916.9	916.2	912.9	905.2	895.7
-55°	859.3	856.9	854.9	852.6	854.9	856.9	859.3	860.0	858.8	853.6	847.0
-57.5°	813.5	812.1	810.4	808.0	810.4	812.1	813.5	813.5	812.1	808.4	803.4
-60°	770.9	771.5	770.6	768.3	770.6	771.5	770.9	768.5	764.2	759.2	753.5
-62.5°	716.6	720.6	720.8	718.8	720.8	720.6	716.6	711.1	704.1	697.9	691.2
-65°	648.1	651.5	653.6	654.3	653.6	651.5	648.1	643.5	637.9	631.6	623.7
-67.5°	580.3	582.3	582.0	580.0	582.0	582.3	580.3	577.2	573.2	566.9	557.6
-70°	504.6	503.7	505.0	505.6	505.0	503.7	504.6	504.2	502.4	497.8	489.6
-72.5°	429.5	429.5	428.4	426.3	428.4	429.5	429.5	428.6	426.6	423.3	418.0
-75°	355.5	355.2	354.0	351.9	354.0	355.2	355.5	355.0	353.8	351.5	346.8
-77.5°	278.5	276.4	277.3	277.6	277.3	276.4	278.5	279.6	279.9	278.8	273.8
-80°	207.2	207.2	205.5	203.2	205.5	207.2	207.2	206.6	205.4	203.6	200.1
-82.5°	142.2	143.1	141.1	138.8	141.1	143.1	142.2	141.0	139.5	137.7	135.3
-85°	79.6	78.9	76.8	74.4	76.8	78.9	79.6	80.2	80.5	80.5	78.0
-87.5°	25.8	24.7	24.8	24.8	24.8	24.7	25.8	26.8	27.8	28.7	27.1
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627277 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-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°	25.6	24.0	22.5	23.1	23.6	24.0	24.3	23.6	22.7	21.9	21.0
85°	75.2	72.2	69.1	68.2	67.2	66.0	64.5	61.7	58.7	55.6	52.3
82.5°	132.5	129.3	125.7	123.2	120.3	117.2	113.6	108.1	102.6	97.0	91.3
80°	196.2	191.8	187.1	182.9	178.3	173.2	167.3	158.9	150.0	141.3	133.2
77.5°	268.2	261.8	254.9	247.9	240.5	232.8	224.1	213.4	202.6	191.3	179.9
75°	341.1	334.4	326.3	317.0	306.9	295.9	284.3	271.4	257.8	243.6	229.3
72.5°	411.8	404.6	396.4	386.4	374.9	362.0	347.7	331.9	315.3	297.9	280.9
70°	480.7	471.5	463.3	454.8	443.9	430.7	413.7	394.8	374.8	354.6	334.9
67.5°	547.1	535.5	527.4	519.6	509.7	497.5	480.0	459.5	437.2	413.7	390.4
65°	613.3	600.3	592.2	585.0	575.5	563.4	544.9	524.1	500.5	474.4	447.3
62.5°	682.4	671.8	662.8	652.4	641.2	627.7	609.0	587.2	563.4	536.0	504.5
60°	747.0	739.1	725.2	712.3	700.8	686.7	664.6	643.7	624.2	592.7	558.8
57.5°	797.2	788.0	775.0	761.6	747.8	729.6	709.9	690.1	667.6	641.0	609.5
55°	838.9	828.8	816.7	803.5	788.6	768.2	747.9	726.7	705.0	682.8	652.1
52.5°	884.8	873.6	859.4	841.9	824.7	804.8	781.9	759.4	739.1	716.4	691.3
50°	939.3	925.7	909.4	890.8	867.7	842.9	818.9	792.7	771.3	749.3	723.7
47.5°	1012.5	990.0	965.9	943.9	915.5	885.4	857.9	830.9	805.7	781.8	755.7
45°	1122.6	1080.3	1034.8	1004.4	968.3	934.0	898.6	868.2	839.3	812.4	787.9
42.5°	1280.6	1213.3	1151.2	1090.7	1032.9	990.7	946.6	908.9	873.9	842.1	813.4
40°	1508.8	1392.8	1307.3	1211.8	1134.2	1059.9	1003.6	952.2	911.8	873.9	839.0
37.5°	1853.3	1661.6	1519.3	1370.4	1262.2	1159.0	1072.1	1005.2	950.3	906.5	865.8
35°	2386.6	2087.4	1820.7	1609.9	1418.5	1282.7	1161.2	1067.5	997.1	939.8	892.4
32.5°	3219.9	2745.2	2261.1	1949.5	1653.9	1432.1	1276.0	1146.9	1047.3	979.1	922.1
30°	4515.9	3679.1	2966.8	2385.6	1980.2	1641.3	1403.6	1245.9	1118.5	1018.9	952.2
27.5°	6397.1	4931.0	3934.5	3028.6	2374.5	1929.2	1588.7	1351.8	1193.4	1074.6	986.7
25°	8593.0	6837.9	5131.6	3906.4	2943.3	2254.8	1804.8	1500.1	1286.0	1132.6	1017.1
22.5°	10907.3	8849.3	6804.2	4896.4	3648.9	2730.9	2083.8	1649.7	1373.5	1194.4	1061.3
20°	13203.6	10879.9	8549.9	6368.2	4508.0	3197.1	2387.4	1848.2	1495.7	1263.7	1103.1
17.5°	15314.1	12872.9	10320.0	7797.6	5566.1	3906.0	2772.0	2048.9	1602.3	1325.2	1139.3
15°	17312.7	14735.4	12042.5	9314.2	6696.9	4530.3	3099.9	2223.7	1713.1	1396.7	1186.7
12.5°	19122.6	16407.9	13574.4	10617.9	7701.0	5230.0	3537.1	2481.4	1849.3	1470.9	1231.4
10°	20702.5	17804.0	14784.9	11713.3	8671.4	5954.5	3950.5	2701.3	1967.2	1532.4	1268.0
7.5°	21837.2	18903.1	15746.7	12598.8	9460.8	6577.0	4301.9	2875.2	2059.8	1579.6	1296.1
5°	22671.5	19760.3	16548.5	13318.3	10046.8	7042.5	4564.3	2997.6	2126.0	1612.1	1315.7
2.5°	23243.8	20302.7	17085.1	13790.4	10386.8	7315.8	4731.5	3063.4	2157.3	1637.8	1326.5
0°	23406.6	20457.2	17220.3	14038.0	10439.3	7351.1	4798.3	3073.3	2156.3	1650.7	1328.5
-2.5°	23243.8	20302.7	17085.1	13790.4	10386.8	7315.8	4731.5	3063.4	2157.3	1637.8	1326.5
-5°	22671.5	19760.3	16548.5	13318.3	10046.8	7042.5	4564.3	2997.6	2126.0	1612.1	1315.7
-7.5°	21837.2	18903.1	15746.7	12598.8	9460.8	6577.0	4301.9	2875.2	2059.8	1579.6	1296.1
-10°	20702.5	17804.0	14784.9	11713.3	8671.4	5954.5	3950.5	2701.3	1967.2	1532.4	1268.0
-12.5°	19122.6	16407.9	13574.4	10617.9	7701.0	5230.0	3537.1	2481.4	1849.3	1470.9	1231.4
-15°	17312.7	14735.4	12042.5	9314.2	6696.9	4530.3	3099.9	2223.7	1713.1	1396.7	1186.7
-17.5°	15314.1	12872.9	10320.0	7797.6	5566.1	3906.0	2772.0	2048.9	1602.3	1325.2	1139.3
-20°	13203.6	10879.9	8549.9	6368.2	4508.0	3197.1	2387.4	1848.2	1495.7	1263.7	1103.1



REPORT NUMBER: P627277 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	10907.3	8849.3	6804.2	4896.4	3648.9	2730.9	2083.8	1649.7	1373.5	1194.4	1061.3
-25°	8593.0	6837.9	5131.6	3906.4	2943.3	2254.8	1804.8	1500.1	1286.0	1132.6	1017.1
-27.5°	6397.1	4931.0	3934.5	3028.6	2374.5	1929.2	1588.7	1351.8	1193.4	1074.6	986.7
-30°	4515.9	3679.1	2966.8	2385.6	1980.2	1641.3	1403.6	1245.9	1118.5	1018.9	952.2
-32.5°	3219.9	2745.2	2261.1	1949.5	1653.9	1432.1	1276.0	1146.9	1047.3	979.1	922.1
-35°	2386.6	2087.4	1820.7	1609.9	1418.5	1282.7	1161.2	1067.5	997.1	939.8	892.4
-37.5°	1853.3	1661.6	1519.3	1370.4	1262.2	1159.0	1072.1	1005.2	950.3	906.5	865.8
-40°	1508.8	1392.8	1307.3	1211.8	1134.2	1059.9	1003.6	952.2	911.8	873.9	839.0
-42.5°	1280.6	1213.3	1151.2	1090.7	1032.9	990.7	946.6	908.9	873.9	842.1	813.4
-45°	1122.6	1080.3	1034.8	1004.4	968.3	934.0	898.6	868.2	839.3	812.4	787.9
-47.5°	1012.5	990.0	965.9	943.9	915.5	885.4	857.9	830.9	805.7	781.8	755.7
-50°	939.3	925.7	909.4	890.8	867.7	842.9	818.9	792.7	771.3	749.3	723.7
-52.5°	884.8	873.6	859.4	841.9	824.7	804.8	781.9	759.4	739.1	716.4	691.3
-55°	838.9	828.8	816.7	803.5	788.6	768.2	747.9	726.7	705.0	682.8	652.1
-57.5°	797.2	788.0	775.0	761.6	747.8	729.6	709.9	690.1	667.6	641.0	609.5
-60°	747.0	739.1	725.2	712.3	700.8	686.7	664.6	643.7	624.2	592.7	558.8
-62.5°	682.4	671.8	662.8	652.4	641.2	627.7	609.0	587.2	563.4	536.0	504.5
-65°	613.3	600.3	592.2	585.0	575.5	563.4	544.9	524.1	500.5	474.4	447.3
-67.5°	547.1	535.5	527.4	519.6	509.7	497.5	480.0	459.5	437.2	413.7	390.4
-70°	480.7	471.5	463.3	454.8	443.9	430.7	413.7	394.8	374.8	354.6	334.9
-72.5°	411.8	404.6	396.4	386.4	374.9	362.0	347.7	331.9	315.3	297.9	280.9
-75°	341.1	334.4	326.3	317.0	306.9	295.9	284.3	271.4	257.8	243.6	229.3
-77.5°	268.2	261.8	254.9	247.9	240.5	232.8	224.1	213.4	202.6	191.3	179.9
-80°	196.2	191.8	187.1	182.9	178.3	173.2	167.3	158.9	150.0	141.3	133.2
-82.5°	132.5	129.3	125.7	123.2	120.3	117.2	113.6	108.1	102.6	97.0	91.3
-85°	75.2	72.2	69.1	68.2	67.2	66.0	64.5	61.7	58.7	55.6	52.3
-87.5°	25.6	24.0	22.5	23.1	23.6	24.0	24.3	23.6	22.7	21.9	21.0
-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: P627277 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-735-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°	20.1	19.1	18.1	17.0	16.0	14.8	13.7	12.5	10.9	9.3	7.8
85°	48.8	45.2	41.5	37.7	33.6	29.7	27.4	25.0	21.7	18.6	15.6
82.5°	85.7	80.2	74.6	68.8	62.1	55.5	49.1	42.8	35.8	28.4	23.4
80°	125.6	117.8	109.7	101.2	91.5	81.2	72.2	63.5	55.0	46.0	36.4
77.5°	169.0	157.6	145.8	135.0	123.7	111.7	99.0	85.7	74.2	63.5	52.2
75°	215.2	201.4	187.2	172.6	157.5	142.2	127.6	112.3	97.0	81.3	67.8
72.5°	264.3	247.2	229.4	211.2	193.6	175.6	157.1	138.7	120.8	102.6	84.2
70°	314.8	293.8	273.1	252.6	231.1	208.8	187.8	166.1	144.4	123.6	102.6
67.5°	366.3	342.7	318.3	294.2	270.3	245.2	218.7	193.3	168.6	144.3	120.8
65°	420.4	392.5	363.9	336.5	309.2	281.8	252.8	221.1	192.3	165.2	138.7
62.5°	473.7	443.2	411.1	378.4	347.4	317.0	286.3	251.0	216.2	185.6	156.3
60°	525.3	491.2	456.6	420.5	385.1	351.1	317.0	280.1	242.2	205.4	173.4
57.5°	572.6	536.8	498.2	460.2	422.1	384.4	346.6	307.5	267.3	227.0	190.1
55°	617.0	578.0	537.7	496.7	456.7	416.6	375.6	333.9	291.6	248.4	206.4
52.5°	658.8	618.0	575.2	531.6	488.3	447.0	403.7	359.4	314.6	269.2	224.4
50°	695.2	656.9	611.6	565.5	518.7	475.0	431.0	384.2	336.9	289.0	241.9
47.5°	725.9	690.7	646.9	598.4	549.1	502.4	456.6	408.1	358.4	308.1	258.7
45°	755.8	721.8	679.6	630.0	579.1	529.8	481.1	431.2	379.0	326.6	274.8
42.5°	783.9	750.0	710.5	660.4	607.8	556.1	505.0	452.9	398.8	344.1	290.1
40°	807.8	774.6	739.6	689.6	634.9	580.9	527.7	473.8	417.8	360.8	304.5
37.5°	831.1	797.1	761.0	717.1	660.3	604.2	549.0	493.9	436.0	376.9	318.1
35°	853.6	818.5	780.2	738.5	683.9	626.0	568.9	512.6	453.1	392.3	330.9
32.5°	873.8	837.6	797.9	755.8	705.7	646.1	587.3	529.1	468.9	406.9	342.7
30°	897.7	853.7	813.8	772.8	724.3	664.5	604.3	544.5	483.6	420.7	353.9
27.5°	920.7	869.2	828.1	786.9	738.9	681.2	620.1	558.7	496.9	433.2	364.8
25°	942.8	886.9	841.3	798.7	752.9	697.2	634.6	571.8	508.7	444.1	375.0
22.5°	968.4	903.1	853.7	809.0	766.4	711.6	647.7	583.6	519.2	453.8	384.3
20°	991.1	916.4	865.1	818.7	776.4	722.5	659.4	594.1	528.6	462.5	392.7
17.5°	1013.3	931.6	876.2	828.0	783.9	732.0	669.7	603.3	536.8	470.0	400.1
15°	1044.0	949.0	885.9	835.9	790.3	740.2	678.5	611.2	543.8	476.3	406.8
12.5°	1070.4	963.5	893.9	842.4	795.5	746.9	685.7	617.7	549.6	482.0	412.7
10°	1091.8	975.1	900.1	847.4	799.4	752.2	691.5	623.3	555.1	486.9	417.6
7.5°	1108.0	983.7	904.6	850.9	802.2	756.1	696.8	628.2	559.5	490.8	421.4
5°	1119.1	989.4	908.4	853.0	803.7	758.4	700.8	631.7	562.6	493.5	424.1
2.5°	1124.8	992.0	911.1	853.6	804.0	759.1	703.1	633.8	564.5	495.1	425.8
0°	1125.2	991.4	912.1	852.6	803.0	758.4	703.9	634.5	565.1	495.7	426.3
-2.5°	1124.8	992.0	911.1	853.6	804.0	759.1	703.1	633.8	564.5	495.1	425.8
-5°	1119.1	989.4	908.4	853.0	803.7	758.4	700.8	631.7	562.6	493.5	424.1
-7.5°	1108.0	983.7	904.6	850.9	802.2	756.1	696.8	628.2	559.5	490.8	421.4
-10°	1091.8	975.1	900.1	847.4	799.4	752.2	691.5	623.3	555.1	486.9	417.6
-12.5°	1070.4	963.5	893.9	842.4	795.5	746.9	685.7	617.7	549.6	482.0	412.7
-15°	1044.0	949.0	885.9	835.9	790.3	740.2	678.5	611.2	543.8	476.3	406.8
-17.5°	1013.3	931.6	876.2	828.0	783.9	732.0	669.7	603.3	536.8	470.0	400.1
-20°	991.1	916.4	865.1	818.7	776.4	722.5	659.4	594.1	528.6	462.5	392.7

Classified

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

Scaled Data Report



REPORT NUMBER: P627277 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	968.4	903.1	853.7	809.0	766.4	711.6	647.7	583.6	519.2	453.8	384.3
-25°	942.8	886.9	841.3	798.7	752.9	697.2	634.6	571.8	508.7	444.1	375.0
-27.5°	920.7	869.2	828.1	786.9	738.9	681.2	620.1	558.7	496.9	433.2	364.8
-30°	897.7	853.7	813.8	772.8	724.3	664.5	604.3	544.5	483.6	420.7	353.9
-32.5°	873.8	837.6	797.9	755.8	705.7	646.1	587.3	529.1	468.9	406.9	342.7
-35°	853.6	818.5	780.2	738.5	683.9	626.0	568.9	512.6	453.1	392.3	330.9
-37.5°	831.1	797.1	761.0	717.1	660.3	604.2	549.0	493.9	436.0	376.9	318.1
-40°	807.8	774.6	739.6	689.6	634.9	580.9	527.7	473.8	417.8	360.8	304.5
-42.5°	783.9	750.0	710.5	660.4	607.8	556.1	505.0	452.9	398.8	344.1	290.1
-45°	755.8	721.8	679.6	630.0	579.1	529.8	481.1	431.2	379.0	326.6	274.8
-47.5°	725.9	690.7	646.9	598.4	549.1	502.4	456.6	408.1	358.4	308.1	258.7
-50°	695.2	656.9	611.6	565.5	518.7	475.0	431.0	384.2	336.9	289.0	241.9
-52.5°	658.8	618.0	575.2	531.6	488.3	447.0	403.7	359.4	314.6	269.2	224.4
-55°	617.0	578.0	537.7	496.7	456.7	416.6	375.6	333.9	291.6	248.4	206.4
-57.5°	572.6	536.8	498.2	460.2	422.1	384.4	346.6	307.5	267.3	227.0	190.1
-60°	525.3	491.2	456.6	420.5	385.1	351.1	317.0	280.1	242.2	205.4	173.4
-62.5°	473.7	443.2	411.1	378.4	347.4	317.0	286.3	251.0	216.2	185.6	156.3
-65°	420.4	392.5	363.9	336.5	309.2	281.8	252.8	221.1	192.3	165.2	138.7
-67.5°	366.3	342.7	318.3	294.2	270.3	245.2	218.7	193.3	168.6	144.3	120.8
-70°	314.8	293.8	273.1	252.6	231.1	208.8	187.8	166.1	144.4	123.6	102.6
-72.5°	264.3	247.2	229.4	211.2	193.6	175.6	157.1	138.7	120.8	102.6	84.2
-75°	215.2	201.4	187.2	172.6	157.5	142.2	127.6	112.3	97.0	81.3	67.8
-77.5°	169.0	157.6	145.8	135.0	123.7	111.7	99.0	85.7	74.2	63.5	52.2
-80°	125.6	117.8	109.7	101.2	91.5	81.2	72.2	63.5	55.0	46.0	36.4
-82.5°	85.7	80.2	74.6	68.8	62.1	55.5	49.1	42.8	35.8	28.4	23.4
-85°	48.8	45.2	41.5	37.7	33.6	29.7	27.4	25.0	21.7	18.6	15.6
-87.5°	20.1	19.1	18.1	17.0	16.0	14.8	13.7	12.5	10.9	9.3	7.8
-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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Scaled Data Report



REPORT NUMBER: P627277 (CONVERTED FROM TYPE C PHOTOMETRY)

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

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°	6.4	5.4	4.3	3.2	2.2	1.1	0.0
85°	12.8	10.7	8.6	6.5	4.3	2.2	0.0
82.5°	19.2	16.1	12.9	9.7	6.5	3.2	0.0
80°	26.5	21.4	17.1	12.9	8.6	4.3	0.0
77.5°	40.3	28.8	21.4	16.1	10.7	5.4	0.0
75°	54.0	40.3	26.5	19.2	12.8	6.4	0.0
72.5°	67.6	51.7	35.6	22.3	14.9	7.5	0.0
70°	81.3	62.8	44.5	26.1	16.9	8.5	0.0
67.5°	96.8	73.9	53.4	32.7	19.0	9.5	0.0
65°	112.0	85.5	62.0	39.2	20.9	10.5	0.0
62.5°	126.8	97.7	70.6	45.6	22.9	11.4	0.0
60°	141.2	109.6	78.9	51.9	24.8	12.4	0.0
57.5°	155.6	121.1	88.0	58.0	28.8	13.3	0.0
55°	169.8	132.3	96.8	63.9	32.6	14.2	0.0
52.5°	183.6	143.2	105.4	69.7	36.4	15.1	0.0
50°	197.0	154.5	113.6	75.2	40.0	15.9	0.0
47.5°	210.2	165.4	121.5	80.7	43.4	16.8	0.0
45°	223.9	175.9	129.0	86.4	46.7	17.5	0.0
42.5°	237.0	186.1	136.2	91.7	49.9	18.3	0.0
40°	249.4	195.8	143.5	96.7	52.8	19.0	0.0
37.5°	261.1	205.1	150.9	101.4	55.6	19.7	0.0
35°	272.0	214.2	157.9	105.7	58.2	20.3	0.0
32.5°	282.2	222.8	164.5	109.8	60.6	20.9	0.0
30°	291.7	230.7	170.7	113.6	62.9	21.5	0.0
27.5°	300.4	238.0	176.2	117.0	64.9	22.0	0.0
25°	308.2	244.7	181.2	120.2	66.8	22.5	0.0
22.5°	315.3	250.7	185.7	123.0	68.4	22.9	0.0
20°	321.5	255.7	189.8	125.6	69.9	23.3	0.0
17.5°	327.2	260.1	193.3	127.8	71.1	23.7	0.0
15°	332.3	263.9	196.3	129.6	72.2	24.0	0.0
12.5°	336.7	267.0	198.7	131.2	73.1	24.2	0.0
10°	340.3	269.4	200.7	132.4	73.7	24.4	0.0
7.5°	343.2	271.2	202.1	133.3	74.2	24.6	0.0
5°	345.3	272.4	203.0	133.8	74.4	24.7	0.0
2.5°	346.6	272.8	203.4	134.0	74.5	24.8	0.0
0°	347.0	272.6	203.2	133.8	74.4	24.8	0.0
-2.5°	346.6	272.8	203.4	134.0	74.5	24.8	0.0
-5°	345.3	272.4	203.0	133.8	74.4	24.7	0.0
-7.5°	343.2	271.2	202.1	133.3	74.2	24.6	0.0
-10°	340.3	269.4	200.7	132.4	73.7	24.4	0.0
-12.5°	336.7	267.0	198.7	131.2	73.1	24.2	0.0
-15°	332.3	263.9	196.3	129.6	72.2	24.0	0.0
-17.5°	327.2	260.1	193.3	127.8	71.1	23.7	0.0
-20°	321.5	255.7	189.8	125.6	69.9	23.3	0.0

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REPORT NUMBER: P627277 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	315.3	250.7	185.7	123.0	68.4	22.9	0.0
-25°	308.2	244.7	181.2	120.2	66.8	22.5	0.0
-27.5°	300.4	238.0	176.2	117.0	64.9	22.0	0.0
-30°	291.7	230.7	170.7	113.6	62.9	21.5	0.0
-32.5°	282.2	222.8	164.5	109.8	60.6	20.9	0.0
-35°	272.0	214.2	157.9	105.7	58.2	20.3	0.0
-37.5°	261.1	205.1	150.9	101.4	55.6	19.7	0.0
-40°	249.4	195.8	143.5	96.7	52.8	19.0	0.0
-42.5°	237.0	186.1	136.2	91.7	49.9	18.3	0.0
-45°	223.9	175.9	129.0	86.4	46.7	17.5	0.0
-47.5°	210.2	165.4	121.5	80.7	43.4	16.8	0.0
-50°	197.0	154.5	113.6	75.2	40.0	15.9	0.0
-52.5°	183.6	143.2	105.4	69.7	36.4	15.1	0.0
-55°	169.8	132.3	96.8	63.9	32.6	14.2	0.0
-57.5°	155.6	121.1	88.0	58.0	28.8	13.3	0.0
-60°	141.2	109.6	78.9	51.9	24.8	12.4	0.0
-62.5°	126.8	97.7	70.6	45.6	22.9	11.4	0.0
-65°	112.0	85.5	62.0	39.2	20.9	10.5	0.0
-67.5°	96.8	73.9	53.4	32.7	19.0	9.5	0.0
-70°	81.3	62.8	44.5	26.1	16.9	8.5	0.0
-72.5°	67.6	51.7	35.6	22.3	14.9	7.5	0.0
-75°	54.0	40.3	26.5	19.2	12.8	6.4	0.0
-77.5°	40.3	28.8	21.4	16.1	10.7	5.4	0.0
-80°	26.5	21.4	17.1	12.9	8.6	4.3	0.0
-82.5°	19.2	16.1	12.9	9.7	6.5	3.2	0.0
-85°	12.8	10.7	8.6	6.5	4.3	2.2	0.0
-87.5°	6.4	5.4	4.3	3.2	2.2	1.1	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)