

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: P627303 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3E-750-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627303 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3E-750-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N83
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

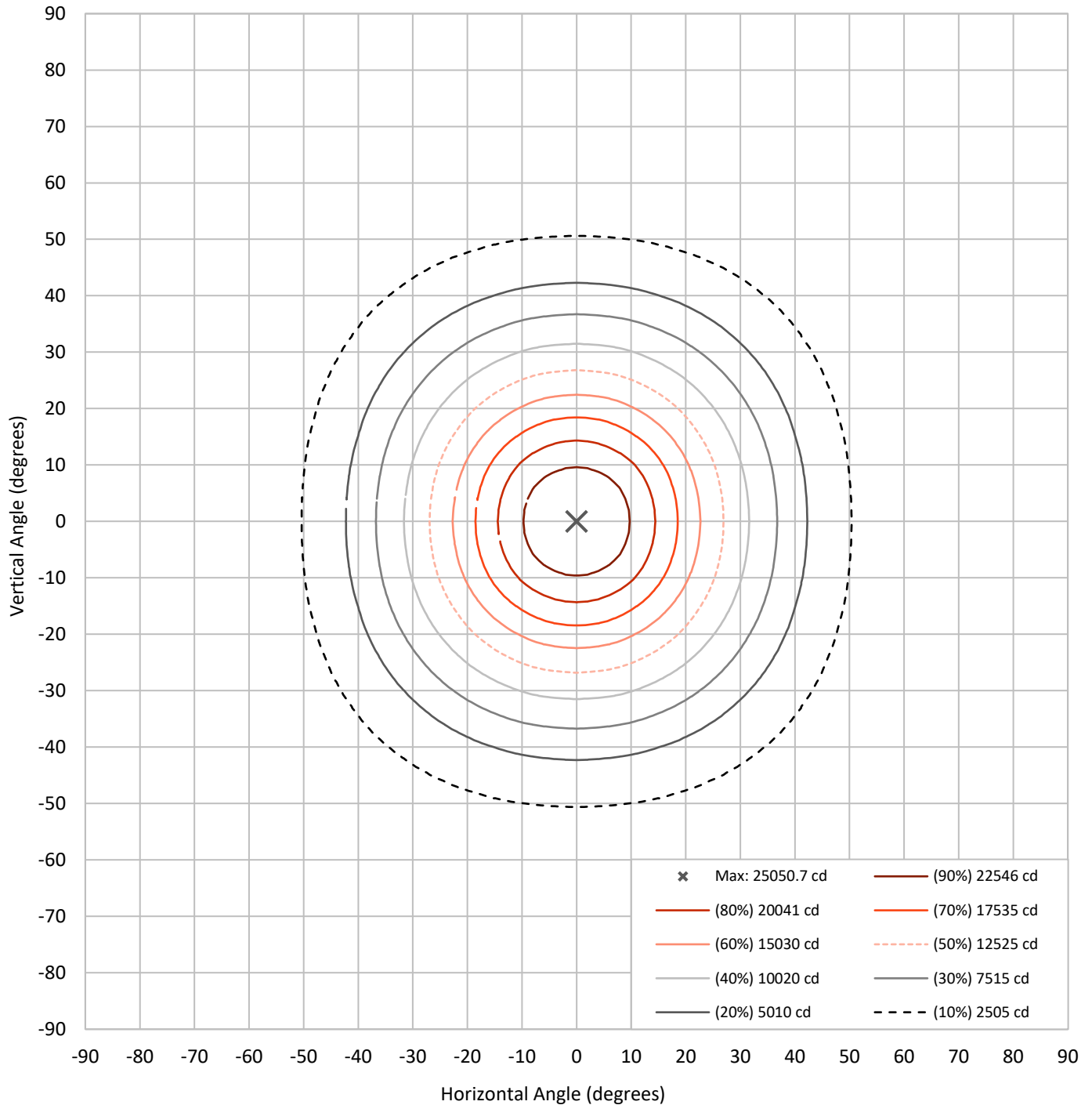
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	25495.7 lumens	Max Intensity:	25050.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	137.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	12190.5 lumens	Field Lumens:	22500.9 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
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





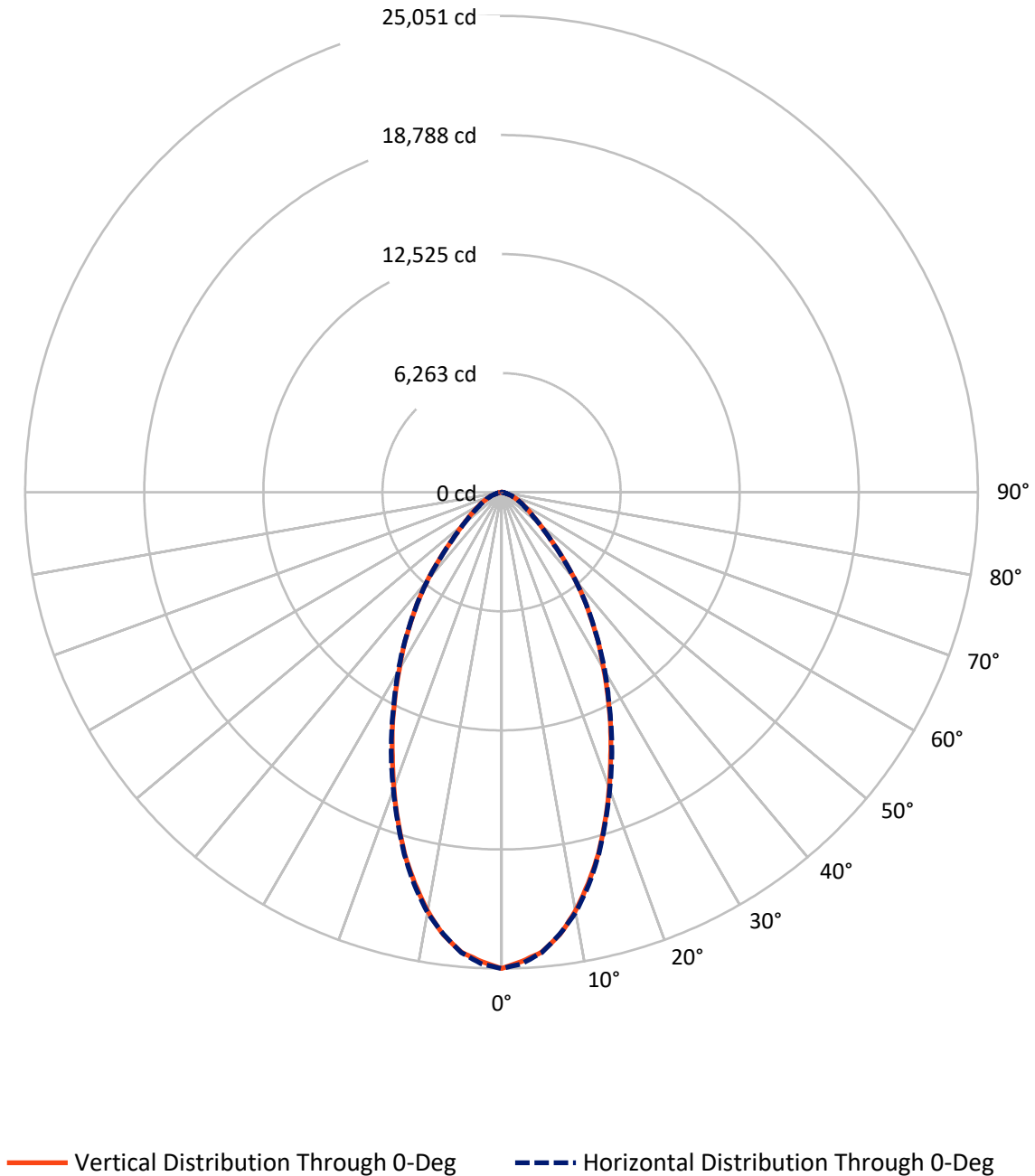
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Lumen Table

90															90				
80	1.0	7.0		16.0		26.7		22.9		26.7		16.0		7.0		1.0			
70															70				
60	3.3	3.9	7.3	11.7	17.0	22.1	25.9	27.7	27.7	25.9	22.1	17.0	11.7	7.3	3.9	3.3			
50		5.5	11.1	19.1	29.3	40.4	50.4	56.1	56.1	50.4	40.4	29.3	19.1	11.1	5.5				
40	4.9	7.0	15.3	28.6	48.1	74.0	102.0	120.7	120.7	102.0	74.0	48.1	28.6	15.3	7.0	4.9			
30		8.5	20.0	41.5	80.8	143.5	208.5	247.3	247.3	208.5	143.5	80.8	41.5	20.0	8.5				
20	5.8	10.0	24.9	58.1	130.6	234.8	336.0	401.6	401.6	336.0	234.8	130.6	58.1	24.9	10.0	5.8			
10		11.1	29.2	75.4	178.3	317.1	468.2	575.9	575.9	468.2	317.1	178.3	75.4	29.2	11.1				
0	6.1	11.6	31.7	86.5	205.3	368.6	561.0	705.5	705.5	561.0	368.6	205.3	86.5	31.7	11.6	6.1			
-10		11.6	31.7	86.5	205.3	368.6	561.0	705.5	705.5	561.0	368.6	205.3	86.5	31.7	11.6				
-20	5.8	11.1	29.2	75.4	178.3	317.1	468.2	575.9	575.9	468.2	317.1	178.3	75.4	29.2	11.1	5.8			
-30		10.0	24.9	58.1	130.6	234.8	336.0	401.6	401.6	336.0	234.8	130.6	58.1	24.9	10.0				
-40	4.9	8.5	20.0	41.5	80.8	143.5	208.5	247.3	247.3	208.5	143.5	80.8	41.5	20.0	8.5	4.9			
-50		7.0	15.3	28.6	48.1	74.0	102.0	120.7	120.7	102.0	74.0	48.1	28.6	15.3	7.0				
-60	3.3	5.5	11.1	19.1	29.3	40.4	50.4	56.1	56.1	50.4	40.4	29.3	19.1	11.1	5.5	3.3			
-70		3.9	7.3	11.7	17.0	22.1	25.9	27.7	27.7	25.9	22.1	17.0	11.7	7.3	3.9				
-80															-80				
-90	1.0	7.0		16.0		26.7		22.9		26.7		16.0		7.0		1.0			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

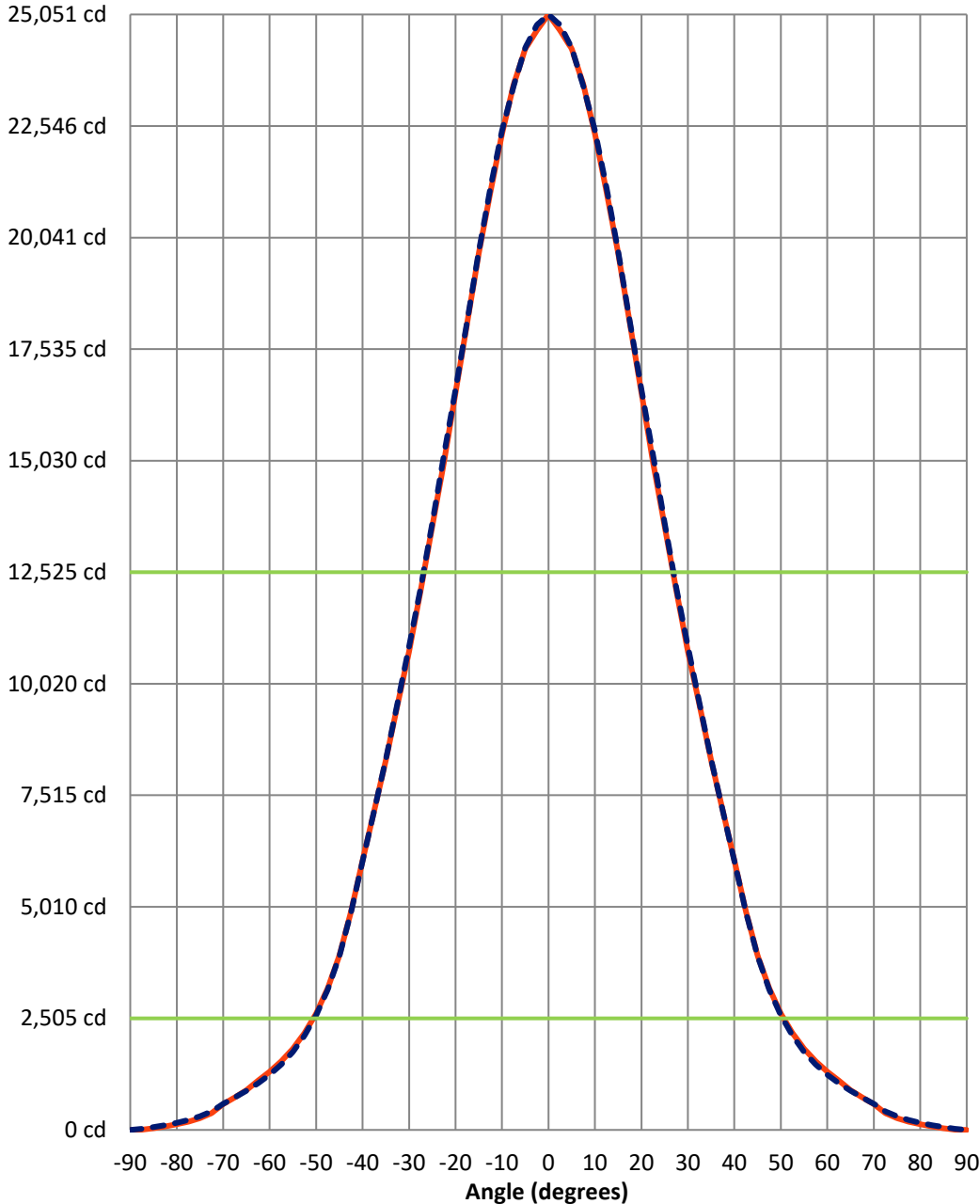
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 12190.5
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 22500.9
 Efficiency: 88.3%

Spill:
 Lumens: 2994.8
 Efficiency: 11.7%

- 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	1.3	2.9	4.8	6.9	9.3	11.9	13.2	14.2	15.1	15.7
85°	0.0	2.5	5.8	9.6	13.8	18.5	23.7	26.3	28.5	30.2	31.5
82.5°	0.0	3.8	8.7	14.3	20.6	27.7	35.5	39.5	43.6	50.5	56.6
80°	0.0	5.1	11.6	19.0	27.4	36.8	48.2	60.0	70.1	79.3	87.4
77.5°	0.0	6.3	14.4	23.6	34.0	47.8	68.8	84.0	96.7	108.0	119.4
75°	0.0	7.5	17.2	28.2	41.2	62.5	88.9	108.0	123.2	138.6	155.2
72.5°	0.0	8.7	19.9	32.6	51.1	76.8	108.3	131.6	149.9	169.5	190.4
70°	0.0	9.9	22.6	37.3	60.6	90.5	126.7	153.8	176.1	199.9	227.9
67.5°	0.0	11.0	25.2	43.1	69.7	103.6	142.7	175.6	201.7	231.3	264.9
65°	0.0	12.2	27.7	48.7	78.4	115.6	157.9	196.9	227.1	261.5	299.9
62.5°	0.0	13.3	30.1	53.9	86.5	126.6	172.3	217.1	251.4	290.5	332.4
60°	0.0	14.3	32.4	58.9	94.1	137.0	185.7	236.2	274.5	318.6	364.0
57.5°	0.0	15.3	35.2	63.5	101.2	146.6	197.9	253.5	298.0	345.7	393.1
55°	0.0	16.3	37.9	67.8	107.8	155.4	209.1	267.2	320.9	371.7	421.0
52.5°	0.0	17.2	40.5	71.7	113.9	163.5	219.3	282.1	342.9	396.5	448.2
50°	0.0	18.1	43.0	75.3	119.4	171.0	228.6	296.2	364.2	420.7	478.1
47.5°	0.0	18.9	45.4	78.5	124.3	177.7	237.3	309.0	385.2	444.2	507.4
45°	0.0	19.7	47.7	81.7	128.6	183.6	247.0	320.5	400.2	469.6	535.7
42.5°	0.0	20.5	49.8	84.5	132.4	188.8	255.7	331.8	414.0	494.1	565.1
40°	0.0	21.2	51.8	87.6	135.7	193.2	263.3	342.7	427.6	516.9	593.5
37.5°	0.0	21.8	53.6	90.8	138.7	196.7	269.8	352.6	442.5	534.8	620.4
35°	0.0	22.4	55.4	93.7	141.2	200.8	275.1	361.4	456.8	554.6	648.0
32.5°	0.0	22.9	56.9	96.3	143.0	204.6	280.1	369.1	470.4	574.7	676.2
30°	0.0	23.4	58.4	98.7	144.3	207.5	285.6	376.6	483.3	594.9	702.7
27.5°	0.0	23.8	59.6	100.8	147.4	209.7	290.1	385.9	496.7	615.3	727.6
25°	0.0	24.2	60.8	102.6	150.4	210.9	293.6	394.3	511.7	635.2	750.9
22.5°	0.0	24.5	61.8	104.2	153.0	212.6	296.1	401.6	526.0	653.5	776.3
20°	0.0	24.7	62.6	105.5	155.2	216.4	297.5	407.8	539.5	669.9	799.0
17.5°	0.0	24.9	63.3	106.5	157.1	219.6	300.8	412.9	551.9	684.4	819.0
15°	0.0	25.1	63.8	107.2	158.6	222.1	304.9	417.6	563.1	696.9	836.2
12.5°	0.0	25.1	64.2	107.7	159.7	223.9	307.8	421.9	572.5	707.4	850.5
10°	0.0	25.2	64.4	107.9	160.4	225.1	309.6	424.3	579.9	716.1	862.1
7.5°	0.0	25.2	64.4	107.9	160.8	225.5	310.3	424.8	585.0	722.8	871.1
5°	0.0	25.1	64.3	107.6	160.7	225.4	310.0	423.6	587.9	727.3	877.1
2.5°	0.0	25.0	64.1	107.0	160.2	224.6	308.6	420.6	588.2	729.6	880.0
0°	0.0	24.8	63.7	106.2	159.3	223.1	306.3	416.1	586.0	729.4	879.9
-2.5°	0.0	25.0	64.1	107.0	160.2	224.6	308.6	420.6	588.2	729.6	880.0
-5°	0.0	25.1	64.3	107.6	160.7	225.4	310.0	423.6	587.9	727.3	877.1
-7.5°	0.0	25.2	64.4	107.9	160.8	225.5	310.3	424.8	585.0	722.8	871.1
-10°	0.0	25.2	64.4	107.9	160.4	225.1	309.6	424.3	579.9	716.1	862.1
-12.5°	0.0	25.1	64.2	107.7	159.7	223.9	307.8	421.9	572.5	707.4	850.5
-15°	0.0	25.1	63.8	107.2	158.6	222.1	304.9	417.6	563.1	696.9	836.2
-17.5°	0.0	24.9	63.3	106.5	157.1	219.6	300.8	412.9	551.9	684.4	819.0
-20°	0.0	24.7	62.6	105.5	155.2	216.4	297.5	407.8	539.5	669.9	799.0

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CATALOG NUMBER: GFLD-SA3E-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	24.5	61.8	104.2	153.0	212.6	296.1	401.6	526.0	653.5	776.3
-25°	0.0	24.2	60.8	102.6	150.4	210.9	293.6	394.3	511.7	635.2	750.9
-27.5°	0.0	23.8	59.6	100.8	147.4	209.7	290.1	385.9	496.7	615.3	727.6
-30°	0.0	23.4	58.4	98.7	144.3	207.5	285.6	376.6	483.3	594.9	702.7
-32.5°	0.0	22.9	56.9	96.3	143.0	204.6	280.1	369.1	470.4	574.7	676.2
-35°	0.0	22.4	55.4	93.7	141.2	200.8	275.1	361.4	456.8	554.6	648.0
-37.5°	0.0	21.8	53.6	90.8	138.7	196.7	269.8	352.6	442.5	534.8	620.4
-40°	0.0	21.2	51.8	87.6	135.7	193.2	263.3	342.7	427.6	516.9	593.5
-42.5°	0.0	20.5	49.8	84.5	132.4	188.8	255.7	331.8	414.0	494.1	565.1
-45°	0.0	19.7	47.7	81.7	128.6	183.6	247.0	320.5	400.2	469.6	535.7
-47.5°	0.0	18.9	45.4	78.5	124.3	177.7	237.3	309.0	385.2	444.2	507.4
-50°	0.0	18.1	43.0	75.3	119.4	171.0	228.6	296.2	364.2	420.7	478.1
-52.5°	0.0	17.2	40.5	71.7	113.9	163.5	219.3	282.1	342.9	396.5	448.2
-55°	0.0	16.3	37.9	67.8	107.8	155.4	209.1	267.2	320.9	371.7	421.0
-57.5°	0.0	15.3	35.2	63.5	101.2	146.6	197.9	253.5	298.0	345.7	393.1
-60°	0.0	14.3	32.4	58.9	94.1	137.0	185.7	236.2	274.5	318.6	364.0
-62.5°	0.0	13.3	30.1	53.9	86.5	126.6	172.3	217.1	251.4	290.5	332.4
-65°	0.0	12.2	27.7	48.7	78.4	115.6	157.9	196.9	227.1	261.5	299.9
-67.5°	0.0	11.0	25.2	43.1	69.7	103.6	142.7	175.6	201.7	231.3	264.9
-70°	0.0	9.9	22.6	37.3	60.6	90.5	126.7	153.8	176.1	199.9	227.9
-72.5°	0.0	8.7	19.9	32.6	51.1	76.8	108.3	131.6	149.9	169.5	190.4
-75°	0.0	7.5	17.2	28.2	41.2	62.5	88.9	108.0	123.2	138.6	155.2
-77.5°	0.0	6.3	14.4	23.6	34.0	47.8	68.8	84.0	96.7	108.0	119.4
-80°	0.0	5.1	11.6	19.0	27.4	36.8	48.2	60.0	70.1	79.3	87.4
-82.5°	0.0	3.8	8.7	14.3	20.6	27.7	35.5	39.5	43.6	50.5	56.6
-85°	0.0	2.5	5.8	9.6	13.8	18.5	23.7	26.3	28.5	30.2	31.5
-87.5°	0.0	1.3	2.9	4.8	6.9	9.3	11.9	13.2	14.2	15.1	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



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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°	16.0	16.0	15.7	15.3	14.6	13.7	12.6	11.3	11.7	12.2	12.6
85°	32.0	32.0	34.6	37.1	38.2	38.3	37.5	35.9	40.5	45.9	51.6
82.5°	62.3	67.8	72.9	77.7	78.2	76.9	74.5	71.7	81.2	92.6	104.6
80°	95.6	103.5	112.7	121.3	123.3	122.4	119.8	115.4	127.9	145.5	164.6
77.5°	132.6	145.3	157.0	167.9	171.0	170.5	168.6	165.1	180.9	205.4	230.9
75°	171.7	187.0	202.2	215.5	221.2	221.7	221.1	224.8	245.7	274.3	299.6
72.5°	212.4	231.9	249.0	263.7	272.9	279.9	289.2	300.5	321.7	349.8	374.6
70°	255.5	277.1	295.2	311.5	325.5	340.8	360.4	379.8	402.1	430.2	455.9
67.5°	298.0	319.9	340.3	360.3	385.9	410.4	434.8	460.2	488.2	517.7	543.8
65°	337.4	362.2	387.0	416.1	449.4	477.2	507.2	540.3	577.0	610.2	640.4
62.5°	375.1	403.1	433.9	469.1	505.1	539.9	580.2	622.7	665.6	707.2	748.5
60°	407.1	441.9	479.3	519.0	560.6	607.9	655.2	705.7	757.1	807.2	858.2
57.5°	437.8	480.9	523.9	570.2	622.0	676.1	732.9	789.8	851.1	911.7	969.7
55°	469.6	520.4	569.4	624.2	683.6	747.2	811.3	880.3	948.0	1024.3	1094.8
52.5°	503.7	558.9	616.5	679.2	748.6	820.3	895.5	974.5	1058.9	1143.7	1229.8
50°	536.9	599.1	663.2	738.2	815.8	897.7	984.6	1076.7	1174.9	1273.1	1377.2
47.5°	571.6	638.0	716.3	797.8	886.7	979.9	1078.3	1187.8	1296.9	1420.6	1540.0
45°	605.8	682.2	767.2	861.9	959.5	1064.4	1181.4	1301.7	1440.9	1580.6	1737.6
42.5°	638.7	726.8	822.7	923.9	1034.9	1155.6	1285.0	1436.3	1593.3	1766.2	1950.4
40°	676.5	769.4	877.4	990.6	1110.9	1248.8	1404.6	1572.5	1764.0	1968.8	2178.1
37.5°	713.1	817.5	931.4	1054.1	1193.8	1349.1	1521.1	1726.9	1947.9	2180.8	2465.5
35°	747.4	863.3	987.0	1121.4	1272.7	1452.7	1658.4	1885.8	2140.5	2440.9	2773.0
32.5°	783.9	906.6	1039.5	1190.3	1361.5	1558.2	1791.8	2059.5	2360.9	2702.9	3118.5
30°	820.7	951.2	1091.6	1254.8	1445.3	1672.9	1938.3	2234.2	2580.9	3009.9	3497.8
27.5°	854.6	992.9	1146.7	1323.1	1526.8	1778.6	2079.1	2425.9	2834.4	3319.2	3889.1
25°	885.9	1030.8	1197.3	1388.3	1616.6	1892.8	2218.6	2602.7	3088.1	3666.1	4367.2
22.5°	915.6	1065.4	1243.1	1446.8	1697.6	2003.4	2370.0	2809.5	3346.1	3994.7	4835.6
20°	943.6	1102.8	1288.5	1502.8	1769.9	2103.1	2509.2	3002.6	3613.2	4381.1	5294.9
17.5°	968.1	1135.7	1331.5	1563.4	1850.5	2204.6	2640.5	3173.1	3850.9	4726.1	5718.7
15°	989.2	1164.2	1368.7	1615.8	1923.1	2305.3	2778.3	3360.0	4098.9	5039.9	6090.8
12.5°	1006.8	1188.0	1399.9	1659.9	1984.1	2390.5	2896.0	3526.6	4340.5	5335.4	6417.5
10°	1020.8	1207.0	1425.1	1695.5	2033.2	2459.8	2993.0	3662.9	4541.5	5588.8	6693.9
7.5°	1032.4	1222.0	1444.3	1722.5	2070.5	2512.6	3068.4	3768.0	4698.6	5789.4	6905.9
5°	1040.7	1232.6	1459.0	1741.4	2097.8	2549.5	3121.2	3841.6	4810.4	5934.7	7051.0
2.5°	1045.4	1238.4	1467.4	1751.5	2114.5	2570.4	3148.9	3887.8	4871.8	6017.6	7138.6
0°	1046.4	1239.3	1469.5	1752.8	2119.3	2574.3	3153.2	3902.2	4884.8	6039.1	7170.5
-2.5°	1045.4	1238.4	1467.4	1751.5	2114.5	2570.4	3148.9	3887.8	4871.8	6017.6	7138.6
-5°	1040.7	1232.6	1459.0	1741.4	2097.8	2549.5	3121.2	3841.6	4810.4	5934.7	7051.0
-7.5°	1032.4	1222.0	1444.3	1722.5	2070.5	2512.6	3068.4	3768.0	4698.6	5789.4	6905.9
-10°	1020.8	1207.0	1425.1	1695.5	2033.2	2459.8	2993.0	3662.9	4541.5	5588.8	6693.9
-12.5°	1006.8	1188.0	1399.9	1659.9	1984.1	2390.5	2896.0	3526.6	4340.5	5335.4	6417.5
-15°	989.2	1164.2	1368.7	1615.8	1923.1	2305.3	2778.3	3360.0	4098.9	5039.9	6090.8
-17.5°	968.1	1135.7	1331.5	1563.4	1850.5	2204.6	2640.5	3173.1	3850.9	4726.1	5718.7
-20°	943.6	1102.8	1288.5	1502.8	1769.9	2103.1	2509.2	3002.6	3613.2	4381.1	5294.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627303 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	915.6	1065.4	1243.1	1446.8	1697.6	2003.4	2370.0	2809.5	3346.1	3994.7	4835.6
-25°	885.9	1030.8	1197.3	1388.3	1616.6	1892.8	2218.6	2602.7	3088.1	3666.1	4367.2
-27.5°	854.6	992.9	1146.7	1323.1	1526.8	1778.6	2079.1	2425.9	2834.4	3319.2	3889.1
-30°	820.7	951.2	1091.6	1254.8	1445.3	1672.9	1938.3	2234.2	2580.9	3009.9	3497.8
-32.5°	783.9	906.6	1039.5	1190.3	1361.5	1558.2	1791.8	2059.5	2360.9	2702.9	3118.5
-35°	747.4	863.3	987.0	1121.4	1272.7	1452.7	1658.4	1885.8	2140.5	2440.9	2773.0
-37.5°	713.1	817.5	931.4	1054.1	1193.8	1349.1	1521.1	1726.9	1947.9	2180.8	2465.5
-40°	676.5	769.4	877.4	990.6	1110.9	1248.8	1404.6	1572.5	1764.0	1968.8	2178.1
-42.5°	638.7	726.8	822.7	923.9	1034.9	1155.6	1285.0	1436.3	1593.3	1766.2	1950.4
-45°	605.8	682.2	767.2	861.9	959.5	1064.4	1181.4	1301.7	1440.9	1580.6	1737.6
-47.5°	571.6	638.0	716.3	797.8	886.7	979.9	1078.3	1187.8	1296.9	1420.6	1540.0
-50°	536.9	599.1	663.2	738.2	815.8	897.7	984.6	1076.7	1174.9	1273.1	1377.2
-52.5°	503.7	558.9	616.5	679.2	748.6	820.3	895.5	974.5	1058.9	1143.7	1229.8
-55°	469.6	520.4	569.4	624.2	683.6	747.2	811.3	880.3	948.0	1024.3	1094.8
-57.5°	437.8	480.9	523.9	570.2	622.0	676.1	732.9	789.8	851.1	911.7	969.7
-60°	407.1	441.9	479.3	519.0	560.6	607.9	655.2	705.7	757.1	807.2	858.2
-62.5°	375.1	403.1	433.9	469.1	505.1	539.9	580.2	622.7	665.6	707.2	748.5
-65°	337.4	362.2	387.0	416.1	449.4	477.2	507.2	540.3	577.0	610.2	640.4
-67.5°	298.0	319.9	340.3	360.3	385.9	410.4	434.8	460.2	488.2	517.7	543.8
-70°	255.5	277.1	295.2	311.5	325.5	340.8	360.4	379.8	402.1	430.2	455.9
-72.5°	212.4	231.9	249.0	263.7	272.9	279.9	289.2	300.5	321.7	349.8	374.6
-75°	171.7	187.0	202.2	215.5	221.2	221.7	221.1	224.8	245.7	274.3	299.6
-77.5°	132.6	145.3	157.0	167.9	171.0	170.5	168.6	165.1	180.9	205.4	230.9
-80°	95.6	103.5	112.7	121.3	123.3	122.4	119.8	115.4	127.9	145.5	164.6
-82.5°	62.3	67.8	72.9	77.7	78.2	76.9	74.5	71.7	81.2	92.6	104.6
-85°	32.0	32.0	34.6	37.1	38.2	38.3	37.5	35.9	40.5	45.9	51.6
-87.5°	16.0	16.0	15.7	15.3	14.6	13.7	12.6	11.3	11.7	12.2	12.6
-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: P627303 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-WR-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°	13.0	12.7	12.3	11.8	11.2	11.0	10.8	10.5	10.2	9.5	8.7
85°	57.5	58.8	59.5	59.9	59.9	61.8	63.6	65.3	66.7	60.5	53.6
82.5°	117.1	122.6	127.4	132.2	136.9	140.2	142.6	144.4	145.5	131.8	116.3
80°	184.3	195.8	205.4	214.6	223.3	225.5	225.4	224.2	221.7	202.9	181.5
77.5°	256.3	271.5	283.4	295.3	307.0	311.4	313.4	315.0	316.1	292.8	264.0
75°	321.7	339.7	356.5	372.0	386.4	394.0	398.5	402.2	405.0	381.6	350.7
72.5°	396.1	415.2	433.3	450.6	465.9	475.9	482.5	487.9	492.2	478.8	459.6
70°	478.0	497.7	516.9	534.9	552.1	565.7	576.4	585.6	593.2	594.7	594.1
67.5°	569.0	592.3	615.1	634.7	655.1	674.3	691.1	705.2	716.4	723.8	727.9
65°	671.0	706.1	737.3	763.7	785.8	811.3	833.9	851.2	863.3	872.6	880.5
62.5°	791.3	833.8	869.4	904.7	941.0	976.4	998.4	1020.6	1042.3	1062.7	1080.2
60°	907.1	953.6	1001.9	1046.9	1088.6	1126.9	1166.5	1201.7	1232.5	1258.2	1277.3
57.5°	1030.5	1087.2	1142.1	1199.2	1253.0	1303.1	1352.1	1397.3	1436.4	1469.2	1496.1
55°	1164.4	1233.7	1299.0	1371.5	1441.8	1505.9	1564.9	1625.4	1679.9	1727.9	1766.0
52.5°	1308.8	1398.9	1485.3	1570.5	1661.6	1743.8	1817.4	1901.3	1975.6	2037.1	2085.0
50°	1481.1	1587.1	1701.1	1806.6	1921.6	2034.8	2139.1	2240.2	2339.1	2424.6	2493.8
47.5°	1677.4	1807.7	1949.1	2089.0	2231.7	2386.4	2524.5	2652.8	2791.0	2911.0	3007.3
45°	1895.6	2061.8	2232.5	2429.1	2610.3	2809.1	2993.1	3158.3	3354.3	3527.0	3666.1
42.5°	2137.6	2359.0	2583.4	2831.2	3071.6	3323.9	3592.0	3829.8	4089.8	4337.6	4537.9
40°	2437.7	2702.3	3002.9	3302.7	3647.7	3971.8	4362.4	4717.3	5039.5	5335.1	5577.3
37.5°	2771.0	3111.7	3489.3	3879.9	4352.0	4814.7	5271.9	5703.4	6084.4	6407.9	6679.3
35°	3149.5	3582.4	4039.8	4610.0	5163.1	5717.3	6233.6	6705.3	7119.7	7484.7	7795.1
32.5°	3584.9	4104.4	4744.7	5385.3	6016.2	6626.4	7193.3	7707.7	8162.2	8572.0	8928.9
30°	4042.5	4751.5	5470.1	6172.8	6861.9	7530.3	8152.4	8719.1	9232.7	9688.9	10100.0
27.5°	4624.2	5409.8	6193.4	6950.9	7709.1	8440.6	9114.8	9744.3	10333.6	10849.2	11319.2
25°	5186.8	6054.7	6887.7	7713.6	8538.9	9324.2	10078.1	10789.1	11464.0	12055.8	12580.5
22.5°	5749.2	6657.6	7547.8	8435.9	9322.4	10198.0	11044.5	11859.0	12613.8	13287.7	13878.3
20°	6270.2	7219.8	8171.8	9129.2	10090.1	11048.5	11999.2	12915.9	13756.7	14534.7	15218.4
17.5°	6737.2	7747.2	8756.4	9780.5	10822.2	11862.7	12918.8	13946.5	14907.7	15792.9	16586.0
15°	7150.8	8204.7	9288.6	10393.7	11512.3	12642.3	13794.7	14944.5	16026.5	17031.9	17917.3
12.5°	7512.5	8608.1	9744.1	10918.3	12132.4	13363.4	14621.1	15881.4	17079.3	18240.1	19196.1
10°	7810.9	8951.2	10138.6	11372.3	12652.6	13977.6	15326.9	16683.6	18003.3	19234.7	20328.0
7.5°	8041.3	9224.3	10447.9	11731.1	13074.3	14471.5	15900.8	17340.6	18749.0	20075.7	21285.4
5°	8203.9	9423.1	10662.2	11996.9	13386.8	14834.7	16320.2	17820.6	19292.8	20687.9	21941.6
2.5°	8298.2	9542.6	10786.9	12158.5	13572.6	15054.4	16580.3	18105.3	19616.4	21063.4	22351.7
0°	8323.1	9578.4	10858.4	12175.7	13631.0	15157.2	16628.5	18158.2	19728.6	21155.6	22439.2
-2.5°	8298.2	9542.6	10786.9	12158.5	13572.6	15054.4	16580.3	18105.3	19616.4	21063.4	22351.7
-5°	8203.9	9423.1	10662.2	11996.9	13386.8	14834.7	16320.2	17820.6	19292.8	20687.9	21941.6
-7.5°	8041.3	9224.3	10447.9	11731.1	13074.3	14471.5	15900.8	17340.6	18749.0	20075.7	21285.4
-10°	7810.9	8951.2	10138.6	11372.3	12652.6	13977.6	15326.9	16683.6	18003.3	19234.7	20328.0
-12.5°	7512.5	8608.1	9744.1	10918.3	12132.4	13363.4	14621.1	15881.4	17079.3	18240.1	19196.1
-15°	7150.8	8204.7	9288.6	10393.7	11512.3	12642.3	13794.7	14944.5	16026.5	17031.9	17917.3
-17.5°	6737.2	7747.2	8756.4	9780.5	10822.2	11862.7	12918.8	13946.5	14907.7	15792.9	16586.0
-20°	6270.2	7219.8	8171.8	9129.2	10090.1	11048.5	11999.2	12915.9	13756.7	14534.7	15218.4

Classified

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Scaled Data Report



REPORT NUMBER: P627303 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5749.2	6657.6	7547.8	8435.9	9322.4	10198.0	11044.5	11859.0	12613.8	13287.7	13878.3
-25°	5186.8	6054.7	6887.7	7713.6	8538.9	9324.2	10078.1	10789.1	11464.0	12055.8	12580.5
-27.5°	4624.2	5409.8	6193.4	6950.9	7709.1	8440.6	9114.8	9744.3	10333.6	10849.2	11319.2
-30°	4042.5	4751.5	5470.1	6172.8	6861.9	7530.3	8152.4	8719.1	9232.7	9688.9	10100.0
-32.5°	3584.9	4104.4	4744.7	5385.3	6016.2	6626.4	7193.3	7707.7	8162.2	8572.0	8928.9
-35°	3149.5	3582.4	4039.8	4610.0	5163.1	5717.3	6233.6	6705.3	7119.7	7484.7	7795.1
-37.5°	2771.0	3111.7	3489.3	3879.9	4352.0	4814.7	5271.9	5703.4	6084.4	6407.9	6679.3
-40°	2437.7	2702.3	3002.9	3302.7	3647.7	3971.8	4362.4	4717.3	5039.5	5335.1	5577.3
-42.5°	2137.6	2359.0	2583.4	2831.2	3071.6	3323.9	3592.0	3829.8	4089.8	4337.6	4537.9
-45°	1895.6	2061.8	2232.5	2429.1	2610.3	2809.1	2993.1	3158.3	3354.3	3527.0	3666.1
-47.5°	1677.4	1807.7	1949.1	2089.0	2231.7	2386.4	2524.5	2652.8	2791.0	2911.0	3007.3
-50°	1481.1	1587.1	1701.1	1806.6	1921.6	2034.8	2139.1	2240.2	2339.1	2424.6	2493.8
-52.5°	1308.8	1398.9	1485.3	1570.5	1661.6	1743.8	1817.4	1901.3	1975.6	2037.1	2085.0
-55°	1164.4	1233.7	1299.0	1371.5	1441.8	1505.9	1564.9	1625.4	1679.9	1727.9	1766.0
-57.5°	1030.5	1087.2	1142.1	1199.2	1253.0	1303.1	1352.1	1397.3	1436.4	1469.2	1496.1
-60°	907.1	953.6	1001.9	1046.9	1088.6	1126.9	1166.5	1201.7	1232.5	1258.2	1277.3
-62.5°	791.3	833.8	869.4	904.7	941.0	976.4	998.4	1020.6	1042.3	1062.7	1080.2
-65°	671.0	706.1	737.3	763.7	785.8	811.3	833.9	851.2	863.3	872.6	880.5
-67.5°	569.0	592.3	615.1	634.7	655.1	674.3	691.1	705.2	716.4	723.8	727.9
-70°	478.0	497.7	516.9	534.9	552.1	565.7	576.4	585.6	593.2	594.7	594.1
-72.5°	396.1	415.2	433.3	450.6	465.9	475.9	482.5	487.9	492.2	478.8	459.6
-75°	321.7	339.7	356.5	372.0	386.4	394.0	398.5	402.2	405.0	381.6	350.7
-77.5°	256.3	271.5	283.4	295.3	307.0	311.4	313.4	315.0	316.1	292.8	264.0
-80°	184.3	195.8	205.4	214.6	223.3	225.5	225.4	224.2	221.7	202.9	181.5
-82.5°	117.1	122.6	127.4	132.2	136.9	140.2	142.6	144.4	145.5	131.8	116.3
-85°	57.5	58.8	59.5	59.9	59.9	61.8	63.6	65.3	66.7	60.5	53.6
-87.5°	13.0	12.7	12.3	11.8	11.2	11.0	10.8	10.5	10.2	9.5	8.7
-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: P627303 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-U-WR-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°	7.9	7.1	6.2	5.3	6.2	7.1	7.9	8.7	9.5	10.2	10.5
85°	46.4	38.8	38.0	37.2	38.0	38.8	46.4	53.6	60.5	66.7	65.3
82.5°	100.0	83.0	80.5	77.9	80.5	83.0	100.0	116.3	131.8	145.5	144.4
80°	159.2	136.2	131.8	127.5	131.8	136.2	159.2	181.5	202.9	221.7	224.2
77.5°	233.7	202.1	192.9	184.1	192.9	202.1	233.7	264.0	292.8	316.1	315.0
75°	318.7	285.5	274.3	263.8	274.3	285.5	318.7	350.7	381.6	405.0	402.2
72.5°	440.1	419.9	399.5	377.1	399.5	419.9	440.1	459.6	478.8	492.2	487.9
70°	593.5	592.0	586.9	579.0	586.9	592.0	593.5	594.1	594.7	593.2	585.6
67.5°	729.7	729.1	730.9	731.2	730.9	729.1	729.7	727.9	723.8	716.4	705.2
65°	885.3	887.0	890.7	892.3	890.7	887.0	885.3	880.5	872.6	863.3	851.2
62.5°	1093.6	1102.6	1107.1	1106.6	1107.1	1102.6	1093.6	1080.2	1062.7	1042.3	1020.6
60°	1291.6	1301.0	1306.9	1308.4	1306.9	1301.0	1291.6	1277.3	1258.2	1232.5	1201.7
57.5°	1517.4	1532.7	1540.9	1542.1	1540.9	1532.7	1517.4	1496.1	1469.2	1436.4	1397.3
55°	1795.2	1815.6	1824.7	1823.6	1824.7	1815.6	1795.2	1766.0	1727.9	1679.9	1625.4
52.5°	2121.2	2146.1	2164.6	2175.9	2164.6	2146.1	2121.2	2085.0	2037.1	1975.6	1901.3
50°	2545.7	2581.4	2604.0	2613.2	2604.0	2581.4	2545.7	2493.8	2424.6	2339.1	2240.2
47.5°	3076.9	3124.1	3159.0	3183.3	3159.0	3124.1	3076.9	3007.3	2911.0	2791.0	2652.8
45°	3768.8	3840.7	3889.5	3918.1	3889.5	3840.7	3768.8	3666.1	3527.0	3354.3	3158.3
42.5°	4694.4	4806.1	4874.5	4900.7	4874.5	4806.1	4694.4	4537.9	4337.6	4089.8	3829.8
40°	5768.6	5902.7	5990.7	6051.5	5990.7	5902.7	5768.6	5577.3	5335.1	5039.5	4717.3
37.5°	6887.5	7028.4	7114.1	7172.3	7114.1	7028.4	6887.5	6679.3	6407.9	6084.4	5703.4
35°	8029.0	8176.5	8256.8	8301.8	8256.8	8176.5	8029.0	7795.1	7484.7	7119.7	6705.3
32.5°	9200.9	9363.4	9450.8	9541.2	9450.8	9363.4	9200.9	8928.9	8572.0	8162.2	7707.7
30°	10424.9	10611.3	10702.8	10746.9	10702.8	10611.3	10424.9	10100.0	9688.9	9232.7	8719.1
27.5°	11698.5	11930.9	12045.4	12120.8	12045.4	11930.9	11698.5	11319.2	10849.2	10333.6	9744.3
25°	13023.7	13311.7	13442.8	13560.2	13442.8	13311.7	13023.7	12580.5	12055.8	11464.0	10789.1
22.5°	14398.7	14757.3	14909.1	14992.5	14909.1	14757.3	14398.7	13878.3	13287.7	12613.8	11859.0
20°	15809.5	16238.0	16449.0	16557.6	16449.0	16238.0	15809.5	15218.4	14534.7	13756.7	12915.9
17.5°	17252.2	17785.3	18058.3	18121.0	18058.3	17785.3	17252.2	16586.0	15792.9	14907.7	13946.5
15°	18668.5	19245.1	19567.9	19686.1	19567.9	19245.1	18668.5	17917.3	17031.9	16026.5	14944.5
12.5°	20009.8	20607.4	20993.1	21061.8	20993.1	20607.4	20009.8	19196.1	18240.1	17079.3	15881.4
10°	21226.2	21845.3	22271.3	22368.4	22271.3	21845.3	21226.2	20328.0	19234.7	18003.3	16683.6
7.5°	22243.1	22922.4	23393.0	23475.0	23393.0	22922.4	22243.1	21285.4	20075.7	18749.0	17340.6
5°	22987.2	23793.7	24180.0	24277.0	24180.0	23793.7	22987.2	21941.6	20687.9	19292.8	17820.6
2.5°	23395.4	24216.4	24753.3	24691.3	24753.3	24216.4	23395.4	22351.7	21063.4	19616.4	18105.3
0°	23441.3	24300.0	24813.5	25050.7	24813.5	24300.0	23441.3	22439.2	21155.6	19728.6	18158.2
-2.5°	23395.4	24216.4	24753.3	24691.3	24753.3	24216.4	23395.4	22351.7	21063.4	19616.4	18105.3
-5°	22987.2	23793.7	24180.0	24277.0	24180.0	23793.7	22987.2	21941.6	20687.9	19292.8	17820.6
-7.5°	22243.1	22922.4	23393.0	23475.0	23393.0	22922.4	22243.1	21285.4	20075.7	18749.0	17340.6
-10°	21226.2	21845.3	22271.3	22368.4	22271.3	21845.3	21226.2	20328.0	19234.7	18003.3	16683.6
-12.5°	20009.8	20607.4	20993.1	21061.8	20993.1	20607.4	20009.8	19196.1	18240.1	17079.3	15881.4
-15°	18668.5	19245.1	19567.9	19686.1	19567.9	19245.1	18668.5	17917.3	17031.9	16026.5	14944.5
-17.5°	17252.2	17785.3	18058.3	18121.0	18058.3	17785.3	17252.2	16586.0	15792.9	14907.7	13946.5
-20°	15809.5	16238.0	16449.0	16557.6	16449.0	16238.0	15809.5	15218.4	14534.7	13756.7	12915.9



REPORT NUMBER: P627303 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	14398.7	14757.3	14909.1	14992.5	14909.1	14757.3	14398.7	13878.3	13287.7	12613.8	11859.0
-25°	13023.7	13311.7	13442.8	13560.2	13442.8	13311.7	13023.7	12580.5	12055.8	11464.0	10789.1
-27.5°	11698.5	11930.9	12045.4	12120.8	12045.4	11930.9	11698.5	11319.2	10849.2	10333.6	9744.3
-30°	10424.9	10611.3	10702.8	10746.9	10702.8	10611.3	10424.9	10100.0	9688.9	9232.7	8719.1
-32.5°	9200.9	9363.4	9450.8	9541.2	9450.8	9363.4	9200.9	8928.9	8572.0	8162.2	7707.7
-35°	8029.0	8176.5	8256.8	8301.8	8256.8	8176.5	8029.0	7795.1	7484.7	7119.7	6705.3
-37.5°	6887.5	7028.4	7114.1	7172.3	7114.1	7028.4	6887.5	6679.3	6407.9	6084.4	5703.4
-40°	5768.6	5902.7	5990.7	6051.5	5990.7	5902.7	5768.6	5577.3	5335.1	5039.5	4717.3
-42.5°	4694.4	4806.1	4874.5	4900.7	4874.5	4806.1	4694.4	4537.9	4337.6	4089.8	3829.8
-45°	3768.8	3840.7	3889.5	3918.1	3889.5	3840.7	3768.8	3666.1	3527.0	3354.3	3158.3
-47.5°	3076.9	3124.1	3159.0	3183.3	3159.0	3124.1	3076.9	3007.3	2911.0	2791.0	2652.8
-50°	2545.7	2581.4	2604.0	2613.2	2604.0	2581.4	2545.7	2493.8	2424.6	2339.1	2240.2
-52.5°	2121.2	2146.1	2164.6	2175.9	2164.6	2146.1	2121.2	2085.0	2037.1	1975.6	1901.3
-55°	1795.2	1815.6	1824.7	1823.6	1824.7	1815.6	1795.2	1766.0	1727.9	1679.9	1625.4
-57.5°	1517.4	1532.7	1540.9	1542.1	1540.9	1532.7	1517.4	1496.1	1469.2	1436.4	1397.3
-60°	1291.6	1301.0	1306.9	1308.4	1306.9	1301.0	1291.6	1277.3	1258.2	1232.5	1201.7
-62.5°	1093.6	1102.6	1107.1	1106.6	1107.1	1102.6	1093.6	1080.2	1062.7	1042.3	1020.6
-65°	885.3	887.0	890.7	892.3	890.7	887.0	885.3	880.5	872.6	863.3	851.2
-67.5°	729.7	729.1	730.9	731.2	730.9	729.1	729.7	727.9	723.8	716.4	705.2
-70°	593.5	592.0	586.9	579.0	586.9	592.0	593.5	594.1	594.7	593.2	585.6
-72.5°	440.1	419.9	399.5	377.1	399.5	419.9	440.1	459.6	478.8	492.2	487.9
-75°	318.7	285.5	274.3	263.8	274.3	285.5	318.7	350.7	381.6	405.0	402.2
-77.5°	233.7	202.1	192.9	184.1	192.9	202.1	233.7	264.0	292.8	316.1	315.0
-80°	159.2	136.2	131.8	127.5	131.8	136.2	159.2	181.5	202.9	221.7	224.2
-82.5°	100.0	83.0	80.5	77.9	80.5	83.0	100.0	116.3	131.8	145.5	144.4
-85°	46.4	38.8	38.0	37.2	38.0	38.8	46.4	53.6	60.5	66.7	65.3
-87.5°	7.9	7.1	6.2	5.3	6.2	7.1	7.9	8.7	9.5	10.2	10.5
-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: P627303 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-U-WR-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°	10.8	11.0	11.2	11.8	12.3	12.7	13.0	12.6	12.2	11.7	11.3
85°	63.6	61.8	59.9	59.9	59.5	58.8	57.5	51.6	45.9	40.5	35.9
82.5°	142.6	140.2	136.9	132.2	127.4	122.6	117.1	104.6	92.6	81.2	71.7
80°	225.4	225.5	223.3	214.6	205.4	195.8	184.3	164.6	145.5	127.9	115.4
77.5°	313.4	311.4	307.0	295.3	283.4	271.5	256.3	230.9	205.4	180.9	165.1
75°	398.5	394.0	386.4	372.0	356.5	339.7	321.7	299.6	274.3	245.7	224.8
72.5°	482.5	475.9	465.9	450.6	433.3	415.2	396.1	374.6	349.8	321.7	300.5
70°	576.4	565.7	552.1	534.9	516.9	497.7	478.0	455.9	430.2	402.1	379.8
67.5°	691.1	674.3	655.1	634.7	615.1	592.3	569.0	543.8	517.7	488.2	460.2
65°	833.9	811.3	785.8	763.7	737.3	706.1	671.0	640.4	610.2	577.0	540.3
62.5°	998.4	976.4	941.0	904.7	869.4	833.8	791.3	748.5	707.2	665.6	622.7
60°	1166.5	1126.9	1088.6	1046.9	1001.9	953.6	907.1	858.2	807.2	757.1	705.7
57.5°	1352.1	1303.1	1253.0	1199.2	1142.1	1087.2	1030.5	969.7	911.7	851.1	789.8
55°	1564.9	1505.9	1441.8	1371.5	1299.0	1233.7	1164.4	1094.8	1024.3	948.0	880.3
52.5°	1817.4	1743.8	1661.6	1570.5	1485.3	1398.9	1308.8	1229.8	1143.7	1058.9	974.5
50°	2139.1	2034.8	1921.6	1806.6	1701.1	1587.1	1481.1	1377.2	1273.1	1174.9	1076.7
47.5°	2524.5	2386.4	2231.7	2089.0	1949.1	1807.7	1677.4	1540.0	1420.6	1296.9	1187.8
45°	2993.1	2809.1	2610.3	2429.1	2232.5	2061.8	1895.6	1737.6	1580.6	1440.9	1301.7
42.5°	3592.0	3323.9	3071.6	2831.2	2583.4	2359.0	2137.6	1950.4	1766.2	1593.3	1436.3
40°	4362.4	3971.8	3647.7	3302.7	3002.9	2702.3	2437.7	2178.1	1968.8	1764.0	1572.5
37.5°	5271.9	4814.7	4352.0	3879.9	3489.3	3111.7	2771.0	2465.5	2180.8	1947.9	1726.9
35°	6233.6	5717.3	5163.1	4610.0	4039.8	3582.4	3149.5	2773.0	2440.9	2140.5	1885.8
32.5°	7193.3	6626.4	6016.2	5385.3	4744.7	4104.4	3584.9	3118.5	2702.9	2360.9	2059.5
30°	8152.4	7530.3	6861.9	6172.8	5470.1	4751.5	4042.5	3497.8	3009.9	2580.9	2234.2
27.5°	9114.8	8440.6	7709.1	6950.9	6193.4	5409.8	4624.2	3889.1	3319.2	2834.4	2425.9
25°	10078.1	9324.2	8538.9	7713.6	6887.7	6054.7	5186.8	4367.2	3666.1	3088.1	2602.7
22.5°	11044.5	10198.0	9322.4	8435.9	7547.8	6657.6	5749.2	4835.6	3994.7	3346.1	2809.5
20°	11999.2	11048.5	10090.1	9129.2	8171.8	7219.8	6270.2	5294.9	4381.1	3613.2	3002.6
17.5°	12918.8	11862.7	10822.2	9780.5	8756.4	7747.2	6737.2	5718.7	4726.1	3850.9	3173.1
15°	13794.7	12642.3	11512.3	10393.7	9288.6	8204.7	7150.8	6090.8	5039.9	4098.9	3360.0
12.5°	14621.1	13363.4	12132.4	10918.3	9744.1	8608.1	7512.5	6417.5	5335.4	4340.5	3526.6
10°	15326.9	13977.6	12652.6	11372.3	10138.6	8951.2	7810.9	6693.9	5588.8	4541.5	3662.9
7.5°	15900.8	14471.5	13074.3	11731.1	10447.9	9224.3	8041.3	6905.9	5789.4	4698.6	3768.0
5°	16320.2	14834.7	13386.8	11996.9	10662.2	9423.1	8203.9	7051.0	5934.7	4810.4	3841.6
2.5°	16580.3	15054.4	13572.6	12158.5	10786.9	9542.6	8298.2	7138.6	6017.6	4871.8	3887.8
0°	16628.5	15157.2	13631.0	12175.7	10858.4	9578.4	8323.1	7170.5	6039.1	4884.8	3902.2
-2.5°	16580.3	15054.4	13572.6	12158.5	10786.9	9542.6	8298.2	7138.6	6017.6	4871.8	3887.8
-5°	16320.2	14834.7	13386.8	11996.9	10662.2	9423.1	8203.9	7051.0	5934.7	4810.4	3841.6
-7.5°	15900.8	14471.5	13074.3	11731.1	10447.9	9224.3	8041.3	6905.9	5789.4	4698.6	3768.0
-10°	15326.9	13977.6	12652.6	11372.3	10138.6	8951.2	7810.9	6693.9	5588.8	4541.5	3662.9
-12.5°	14621.1	13363.4	12132.4	10918.3	9744.1	8608.1	7512.5	6417.5	5335.4	4340.5	3526.6
-15°	13794.7	12642.3	11512.3	10393.7	9288.6	8204.7	7150.8	6090.8	5039.9	4098.9	3360.0
-17.5°	12918.8	11862.7	10822.2	9780.5	8756.4	7747.2	6737.2	5718.7	4726.1	3850.9	3173.1
-20°	11999.2	11048.5	10090.1	9129.2	8171.8	7219.8	6270.2	5294.9	4381.1	3613.2	3002.6



REPORT NUMBER: P627303 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11044.5	10198.0	9322.4	8435.9	7547.8	6657.6	5749.2	4835.6	3994.7	3346.1	2809.5
-25°	10078.1	9324.2	8538.9	7713.6	6887.7	6054.7	5186.8	4367.2	3666.1	3088.1	2602.7
-27.5°	9114.8	8440.6	7709.1	6950.9	6193.4	5409.8	4624.2	3889.1	3319.2	2834.4	2425.9
-30°	8152.4	7530.3	6861.9	6172.8	5470.1	4751.5	4042.5	3497.8	3009.9	2580.9	2234.2
-32.5°	7193.3	6626.4	6016.2	5385.3	4744.7	4104.4	3584.9	3118.5	2702.9	2360.9	2059.5
-35°	6233.6	5717.3	5163.1	4610.0	4039.8	3582.4	3149.5	2773.0	2440.9	2140.5	1885.8
-37.5°	5271.9	4814.7	4352.0	3879.9	3489.3	3111.7	2771.0	2465.5	2180.8	1947.9	1726.9
-40°	4362.4	3971.8	3647.7	3302.7	3002.9	2702.3	2437.7	2178.1	1968.8	1764.0	1572.5
-42.5°	3592.0	3323.9	3071.6	2831.2	2583.4	2359.0	2137.6	1950.4	1766.2	1593.3	1436.3
-45°	2993.1	2809.1	2610.3	2429.1	2232.5	2061.8	1895.6	1737.6	1580.6	1440.9	1301.7
-47.5°	2524.5	2386.4	2231.7	2089.0	1949.1	1807.7	1677.4	1540.0	1420.6	1296.9	1187.8
-50°	2139.1	2034.8	1921.6	1806.6	1701.1	1587.1	1481.1	1377.2	1273.1	1174.9	1076.7
-52.5°	1817.4	1743.8	1661.6	1570.5	1485.3	1398.9	1308.8	1229.8	1143.7	1058.9	974.5
-55°	1564.9	1505.9	1441.8	1371.5	1299.0	1233.7	1164.4	1094.8	1024.3	948.0	880.3
-57.5°	1352.1	1303.1	1253.0	1199.2	1142.1	1087.2	1030.5	969.7	911.7	851.1	789.8
-60°	1166.5	1126.9	1088.6	1046.9	1001.9	953.6	907.1	858.2	807.2	757.1	705.7
-62.5°	998.4	976.4	941.0	904.7	869.4	833.8	791.3	748.5	707.2	665.6	622.7
-65°	833.9	811.3	785.8	763.7	737.3	706.1	671.0	640.4	610.2	577.0	540.3
-67.5°	691.1	674.3	655.1	634.7	615.1	592.3	569.0	543.8	517.7	488.2	460.2
-70°	576.4	565.7	552.1	534.9	516.9	497.7	478.0	455.9	430.2	402.1	379.8
-72.5°	482.5	475.9	465.9	450.6	433.3	415.2	396.1	374.6	349.8	321.7	300.5
-75°	398.5	394.0	386.4	372.0	356.5	339.7	321.7	299.6	274.3	245.7	224.8
-77.5°	313.4	311.4	307.0	295.3	283.4	271.5	256.3	230.9	205.4	180.9	165.1
-80°	225.4	225.5	223.3	214.6	205.4	195.8	184.3	164.6	145.5	127.9	115.4
-82.5°	142.6	140.2	136.9	132.2	127.4	122.6	117.1	104.6	92.6	81.2	71.7
-85°	63.6	61.8	59.9	59.9	59.5	58.8	57.5	51.6	45.9	40.5	35.9
-87.5°	10.8	11.0	11.2	11.8	12.3	12.7	13.0	12.6	12.2	11.7	11.3
-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: P627303 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-750-U-WR-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°	12.6	13.7	14.6	15.3	15.7	16.0	16.0	15.7	15.1	14.2	13.2
85°	37.5	38.3	38.2	37.1	34.6	32.0	32.0	31.5	30.2	28.5	26.3
82.5°	74.5	76.9	78.2	77.7	72.9	67.8	62.3	56.6	50.5	43.6	39.5
80°	119.8	122.4	123.3	121.3	112.7	103.5	95.6	87.4	79.3	70.1	60.0
77.5°	168.6	170.5	171.0	167.9	157.0	145.3	132.6	119.4	108.0	96.7	84.0
75°	221.1	221.7	221.2	215.5	202.2	187.0	171.7	155.2	138.6	123.2	108.0
72.5°	289.2	279.9	272.9	263.7	249.0	231.9	212.4	190.4	169.5	149.9	131.6
70°	360.4	340.8	325.5	311.5	295.2	277.1	255.5	227.9	199.9	176.1	153.8
67.5°	434.8	410.4	385.9	360.3	340.3	319.9	298.0	264.9	231.3	201.7	175.6
65°	507.2	477.2	449.4	416.1	387.0	362.2	337.4	299.9	261.5	227.1	196.9
62.5°	580.2	539.9	505.1	469.1	433.9	403.1	375.1	332.4	290.5	251.4	217.1
60°	655.2	607.9	560.6	519.0	479.3	441.9	407.1	364.0	318.6	274.5	236.2
57.5°	732.9	676.1	622.0	570.2	523.9	480.9	437.8	393.1	345.7	298.0	253.5
55°	811.3	747.2	683.6	624.2	569.4	520.4	469.6	421.0	371.7	320.9	267.2
52.5°	895.5	820.3	748.6	679.2	616.5	558.9	503.7	448.2	396.5	342.9	282.1
50°	984.6	897.7	815.8	738.2	663.2	599.1	536.9	478.1	420.7	364.2	296.2
47.5°	1078.3	979.9	886.7	797.8	716.3	638.0	571.6	507.4	444.2	385.2	309.0
45°	1181.4	1064.4	959.5	861.9	767.2	682.2	605.8	535.7	469.6	400.2	320.5
42.5°	1285.0	1155.6	1034.9	923.9	822.7	726.8	638.7	565.1	494.1	414.0	331.8
40°	1404.6	1248.8	1110.9	990.6	877.4	769.4	676.5	593.5	516.9	427.6	342.7
37.5°	1521.1	1349.1	1193.8	1054.1	931.4	817.5	713.1	620.4	534.8	442.5	352.6
35°	1658.4	1452.7	1272.7	1121.4	987.0	863.3	747.4	648.0	554.6	456.8	361.4
32.5°	1791.8	1558.2	1361.5	1190.3	1039.5	906.6	783.9	676.2	574.7	470.4	369.1
30°	1938.3	1672.9	1445.3	1254.8	1091.6	951.2	820.7	702.7	594.9	483.3	376.6
27.5°	2079.1	1778.6	1526.8	1323.1	1146.7	992.9	854.6	727.6	615.3	496.7	385.9
25°	2218.6	1892.8	1616.6	1388.3	1197.3	1030.8	885.9	750.9	635.2	511.7	394.3
22.5°	2370.0	2003.4	1697.6	1446.8	1243.1	1065.4	915.6	776.3	653.5	526.0	401.6
20°	2509.2	2103.1	1769.9	1502.8	1288.5	1102.8	943.6	799.0	669.9	539.5	407.8
17.5°	2640.5	2204.6	1850.5	1563.4	1331.5	1135.7	968.1	819.0	684.4	551.9	412.9
15°	2778.3	2305.3	1923.1	1615.8	1368.7	1164.2	989.2	836.2	696.9	563.1	417.6
12.5°	2896.0	2390.5	1984.1	1659.9	1399.9	1188.0	1006.8	850.5	707.4	572.5	421.9
10°	2993.0	2459.8	2033.2	1695.5	1425.1	1207.0	1020.8	862.1	716.1	579.9	424.3
7.5°	3068.4	2512.6	2070.5	1722.5	1444.3	1222.0	1032.4	871.1	722.8	585.0	424.8
5°	3121.2	2549.5	2097.8	1741.4	1459.0	1232.6	1040.7	877.1	727.3	587.9	423.6
2.5°	3148.9	2570.4	2114.5	1751.5	1467.4	1238.4	1045.4	880.0	729.6	588.2	420.6
0°	3153.2	2574.3	2119.3	1752.8	1469.5	1239.3	1046.4	879.9	729.4	586.0	416.1
-2.5°	3148.9	2570.4	2114.5	1751.5	1467.4	1238.4	1045.4	880.0	729.6	588.2	420.6
-5°	3121.2	2549.5	2097.8	1741.4	1459.0	1232.6	1040.7	877.1	727.3	587.9	423.6
-7.5°	3068.4	2512.6	2070.5	1722.5	1444.3	1222.0	1032.4	871.1	722.8	585.0	424.8
-10°	2993.0	2459.8	2033.2	1695.5	1425.1	1207.0	1020.8	862.1	716.1	579.9	424.3
-12.5°	2896.0	2390.5	1984.1	1659.9	1399.9	1188.0	1006.8	850.5	707.4	572.5	421.9
-15°	2778.3	2305.3	1923.1	1615.8	1368.7	1164.2	989.2	836.2	696.9	563.1	417.6
-17.5°	2640.5	2204.6	1850.5	1563.4	1331.5	1135.7	968.1	819.0	684.4	551.9	412.9
-20°	2509.2	2103.1	1769.9	1502.8	1288.5	1102.8	943.6	799.0	669.9	539.5	407.8

Classified

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



REPORT NUMBER: P627303 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2370.0	2003.4	1697.6	1446.8	1243.1	1065.4	915.6	776.3	653.5	526.0	401.6
-25°	2218.6	1892.8	1616.6	1388.3	1197.3	1030.8	885.9	750.9	635.2	511.7	394.3
-27.5°	2079.1	1778.6	1526.8	1323.1	1146.7	992.9	854.6	727.6	615.3	496.7	385.9
-30°	1938.3	1672.9	1445.3	1254.8	1091.6	951.2	820.7	702.7	594.9	483.3	376.6
-32.5°	1791.8	1558.2	1361.5	1190.3	1039.5	906.6	783.9	676.2	574.7	470.4	369.1
-35°	1658.4	1452.7	1272.7	1121.4	987.0	863.3	747.4	648.0	554.6	456.8	361.4
-37.5°	1521.1	1349.1	1193.8	1054.1	931.4	817.5	713.1	620.4	534.8	442.5	352.6
-40°	1404.6	1248.8	1110.9	990.6	877.4	769.4	676.5	593.5	516.9	427.6	342.7
-42.5°	1285.0	1155.6	1034.9	923.9	822.7	726.8	638.7	565.1	494.1	414.0	331.8
-45°	1181.4	1064.4	959.5	861.9	767.2	682.2	605.8	535.7	469.6	400.2	320.5
-47.5°	1078.3	979.9	886.7	797.8	716.3	638.0	571.6	507.4	444.2	385.2	309.0
-50°	984.6	897.7	815.8	738.2	663.2	599.1	536.9	478.1	420.7	364.2	296.2
-52.5°	895.5	820.3	748.6	679.2	616.5	558.9	503.7	448.2	396.5	342.9	282.1
-55°	811.3	747.2	683.6	624.2	569.4	520.4	469.6	421.0	371.7	320.9	267.2
-57.5°	732.9	676.1	622.0	570.2	523.9	480.9	437.8	393.1	345.7	298.0	253.5
-60°	655.2	607.9	560.6	519.0	479.3	441.9	407.1	364.0	318.6	274.5	236.2
-62.5°	580.2	539.9	505.1	469.1	433.9	403.1	375.1	332.4	290.5	251.4	217.1
-65°	507.2	477.2	449.4	416.1	387.0	362.2	337.4	299.9	261.5	227.1	196.9
-67.5°	434.8	410.4	385.9	360.3	340.3	319.9	298.0	264.9	231.3	201.7	175.6
-70°	360.4	340.8	325.5	311.5	295.2	277.1	255.5	227.9	199.9	176.1	153.8
-72.5°	289.2	279.9	272.9	263.7	249.0	231.9	212.4	190.4	169.5	149.9	131.6
-75°	221.1	221.7	221.2	215.5	202.2	187.0	171.7	155.2	138.6	123.2	108.0
-77.5°	168.6	170.5	171.0	167.9	157.0	145.3	132.6	119.4	108.0	96.7	84.0
-80°	119.8	122.4	123.3	121.3	112.7	103.5	95.6	87.4	79.3	70.1	60.0
-82.5°	74.5	76.9	78.2	77.7	72.9	67.8	62.3	56.6	50.5	43.6	39.5
-85°	37.5	38.3	38.2	37.1	34.6	32.0	32.0	31.5	30.2	28.5	26.3
-87.5°	12.6	13.7	14.6	15.3	15.7	16.0	16.0	15.7	15.1	14.2	13.2
-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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REPORT NUMBER: P627303 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-WR-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°	11.9	9.3	6.9	4.8	2.9	1.3	0.0
85°	23.7	18.5	13.8	9.6	5.8	2.5	0.0
82.5°	35.5	27.7	20.6	14.3	8.7	3.8	0.0
80°	48.2	36.8	27.4	19.0	11.6	5.1	0.0
77.5°	68.8	47.8	34.0	23.6	14.4	6.3	0.0
75°	88.9	62.5	41.2	28.2	17.2	7.5	0.0
72.5°	108.3	76.8	51.1	32.6	19.9	8.7	0.0
70°	126.7	90.5	60.6	37.3	22.6	9.9	0.0
67.5°	142.7	103.6	69.7	43.1	25.2	11.0	0.0
65°	157.9	115.6	78.4	48.7	27.7	12.2	0.0
62.5°	172.3	126.6	86.5	53.9	30.1	13.3	0.0
60°	185.7	137.0	94.1	58.9	32.4	14.3	0.0
57.5°	197.9	146.6	101.2	63.5	35.2	15.3	0.0
55°	209.1	155.4	107.8	67.8	37.9	16.3	0.0
52.5°	219.3	163.5	113.9	71.7	40.5	17.2	0.0
50°	228.6	171.0	119.4	75.3	43.0	18.1	0.0
47.5°	237.3	177.7	124.3	78.5	45.4	18.9	0.0
45°	247.0	183.6	128.6	81.7	47.7	19.7	0.0
42.5°	255.7	188.8	132.4	84.5	49.8	20.5	0.0
40°	263.3	193.2	135.7	87.6	51.8	21.2	0.0
37.5°	269.8	196.7	138.7	90.8	53.6	21.8	0.0
35°	275.1	200.8	141.2	93.7	55.4	22.4	0.0
32.5°	280.1	204.6	143.0	96.3	56.9	22.9	0.0
30°	285.6	207.5	144.3	98.7	58.4	23.4	0.0
27.5°	290.1	209.7	147.4	100.8	59.6	23.8	0.0
25°	293.6	210.9	150.4	102.6	60.8	24.2	0.0
22.5°	296.1	212.6	153.0	104.2	61.8	24.5	0.0
20°	297.5	216.4	155.2	105.5	62.6	24.7	0.0
17.5°	300.8	219.6	157.1	106.5	63.3	24.9	0.0
15°	304.9	222.1	158.6	107.2	63.8	25.1	0.0
12.5°	307.8	223.9	159.7	107.7	64.2	25.1	0.0
10°	309.6	225.1	160.4	107.9	64.4	25.2	0.0
7.5°	310.3	225.5	160.8	107.9	64.4	25.2	0.0
5°	310.0	225.4	160.7	107.6	64.3	25.1	0.0
2.5°	308.6	224.6	160.2	107.0	64.1	25.0	0.0
0°	306.3	223.1	159.3	106.2	63.7	24.8	0.0
-2.5°	308.6	224.6	160.2	107.0	64.1	25.0	0.0
-5°	310.0	225.4	160.7	107.6	64.3	25.1	0.0
-7.5°	310.3	225.5	160.8	107.9	64.4	25.2	0.0
-10°	309.6	225.1	160.4	107.9	64.4	25.2	0.0
-12.5°	307.8	223.9	159.7	107.7	64.2	25.1	0.0
-15°	304.9	222.1	158.6	107.2	63.8	25.1	0.0
-17.5°	300.8	219.6	157.1	106.5	63.3	24.9	0.0
-20°	297.5	216.4	155.2	105.5	62.6	24.7	0.0

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REPORT NUMBER: P627303 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3E-750-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	296.1	212.6	153.0	104.2	61.8	24.5	0.0
-25°	293.6	210.9	150.4	102.6	60.8	24.2	0.0
-27.5°	290.1	209.7	147.4	100.8	59.6	23.8	0.0
-30°	285.6	207.5	144.3	98.7	58.4	23.4	0.0
-32.5°	280.1	204.6	143.0	96.3	56.9	22.9	0.0
-35°	275.1	200.8	141.2	93.7	55.4	22.4	0.0
-37.5°	269.8	196.7	138.7	90.8	53.6	21.8	0.0
-40°	263.3	193.2	135.7	87.6	51.8	21.2	0.0
-42.5°	255.7	188.8	132.4	84.5	49.8	20.5	0.0
-45°	247.0	183.6	128.6	81.7	47.7	19.7	0.0
-47.5°	237.3	177.7	124.3	78.5	45.4	18.9	0.0
-50°	228.6	171.0	119.4	75.3	43.0	18.1	0.0
-52.5°	219.3	163.5	113.9	71.7	40.5	17.2	0.0
-55°	209.1	155.4	107.8	67.8	37.9	16.3	0.0
-57.5°	197.9	146.6	101.2	63.5	35.2	15.3	0.0
-60°	185.7	137.0	94.1	58.9	32.4	14.3	0.0
-62.5°	172.3	126.6	86.5	53.9	30.1	13.3	0.0
-65°	157.9	115.6	78.4	48.7	27.7	12.2	0.0
-67.5°	142.7	103.6	69.7	43.1	25.2	11.0	0.0
-70°	126.7	90.5	60.6	37.3	22.6	9.9	0.0
-72.5°	108.3	76.8	51.1	32.6	19.9	8.7	0.0
-75°	88.9	62.5	41.2	28.2	17.2	7.5	0.0
-77.5°	68.8	47.8	34.0	23.6	14.4	6.3	0.0
-80°	48.2	36.8	27.4	19.0	11.6	5.1	0.0
-82.5°	35.5	27.7	20.6	14.3	8.7	3.8	0.0
-85°	23.7	18.5	13.8	9.6	5.8	2.5	0.0
-87.5°	11.9	9.3	6.9	4.8	2.9	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)