

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: P627971 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA6E-722-U-VWR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627971 (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-SA6E-722-U-VWR-XX
Description: GALLEON FLOOD, SIX LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N136
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: -

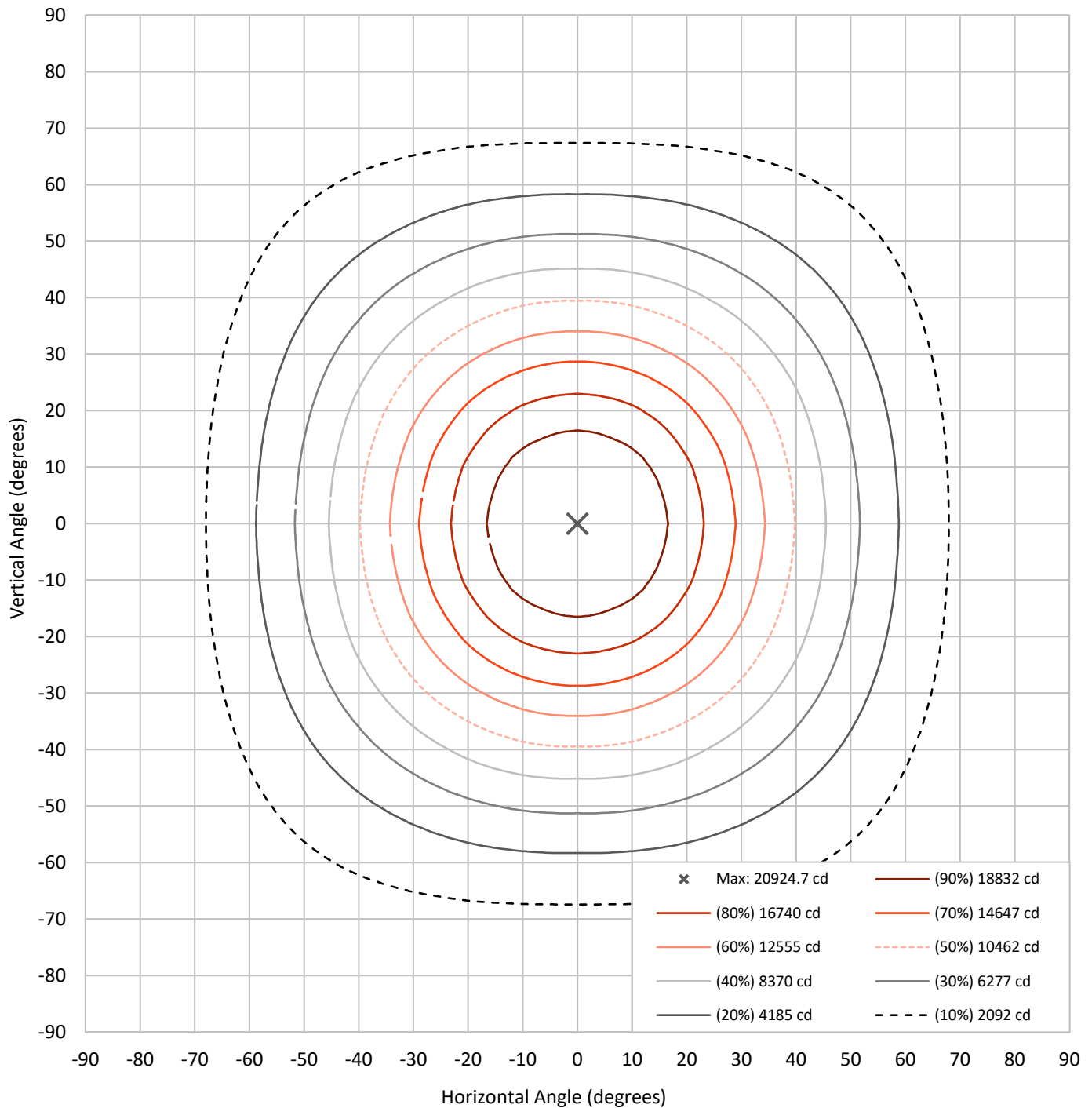
Summary

Lumens per Lamp:	N/A	NEMA Type:	7H x 7V
Luminaire Lumens:	37819.5 lumens	Max Intensity:	20924.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	100.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	22181.3 lumens	Field Lumens:	36054.4 lumens
Beam Efficiency:	58.7%	Field Efficiency:	95.3%
Input Watts (W):	376.7		
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		



REPORT NUMBER: P627971 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-722-U-VWR-XX

Iso-Candela Plot





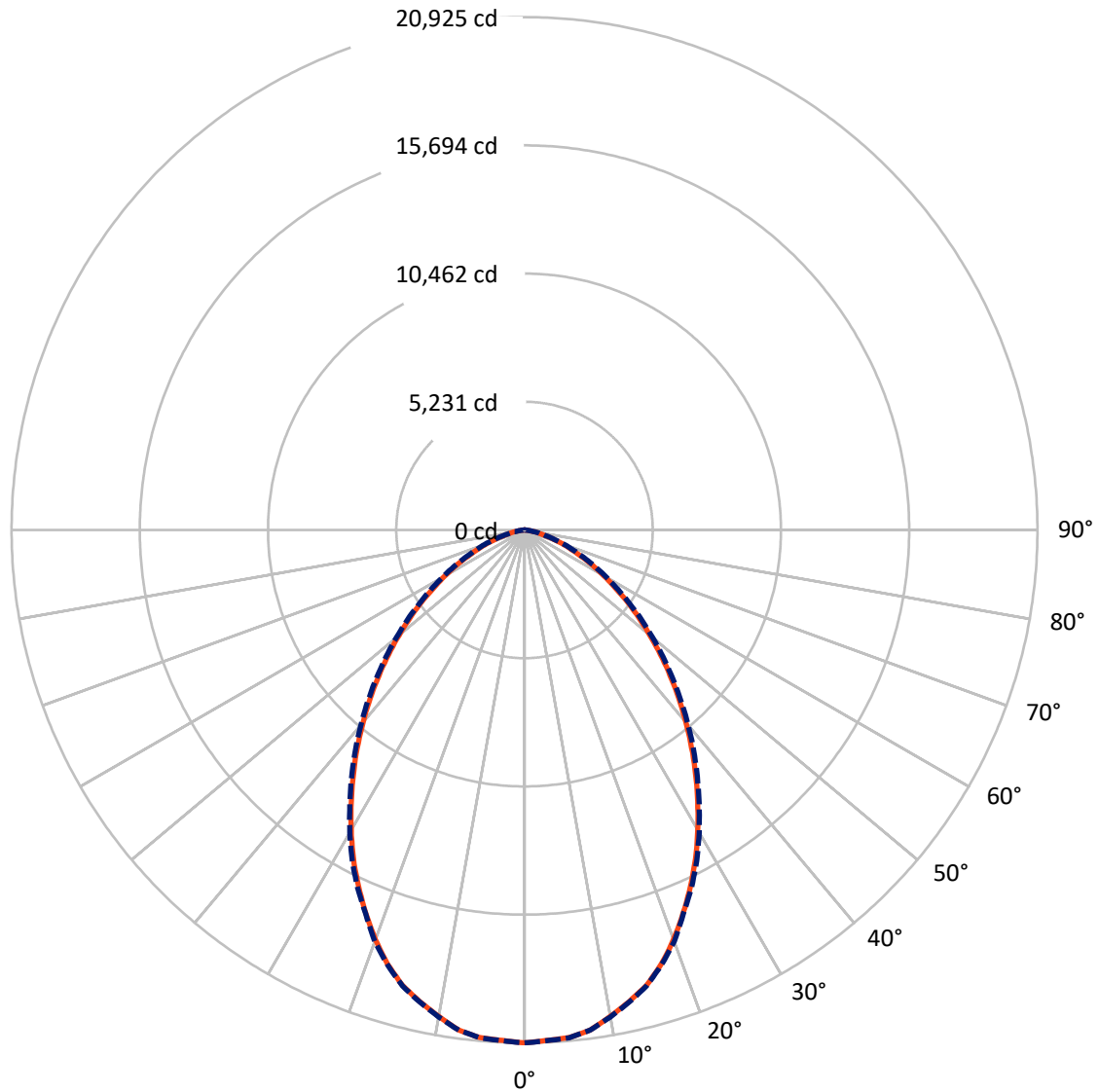
REPORT NUMBER: P627971 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-722-U-VWR-XX

Lumen Table

90																			
80	1.3	15.5	42.2	71.6	67.5	71.6	42.2	15.5	1.3										
70																			
60	7.0	9.7	19.6	33.4	48.8	63.0	73.7	78.9	78.9	73.7	63.0	48.8	33.4	19.6	9.7				7.0
50																			
40	12.3	14.6	31.8	56.7	85.9	116.8	142.1	155.3	155.3	142.1	116.8	85.9	56.7	31.8	14.6				12.3
30																			
20	15.9	19.5	46.0	84.9	134.5	186.5	230.0	253.8	253.8	230.0	186.5	134.5	84.9	46.0	19.5				15.9
10																			
0	17.3	24.7	60.9	116.9	188.3	264.0	328.7	365.4	365.4	328.7	264.0	188.3	116.9	60.9	24.7				17.3
-10																			
-20	15.9	29.6	74.9	147.0	239.8	340.3	428.1	478.4	478.4	428.1	340.3	239.8	147.0	74.9	29.6				15.9
-30																			
-40	12.3	33.4	85.8	169.5	279.9	402.2	510.1	571.5	571.5	510.1	402.2	279.9	169.5	85.8	33.4				12.3
-50																			
-60	7.0	35.4	91.8	182.3	302.2	436.5	554.5	619.0	619.0	554.5	436.5	302.2	182.3	91.8	35.4				7.0
-70																			
-80	1.3	35.4	91.8	182.3	302.2	436.5	554.5	619.0	619.0	554.5	436.5	302.2	182.3	91.8	35.4				1.3
-90																			

REPORT NUMBER: P627971 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA6E-722-U-VWR-XX

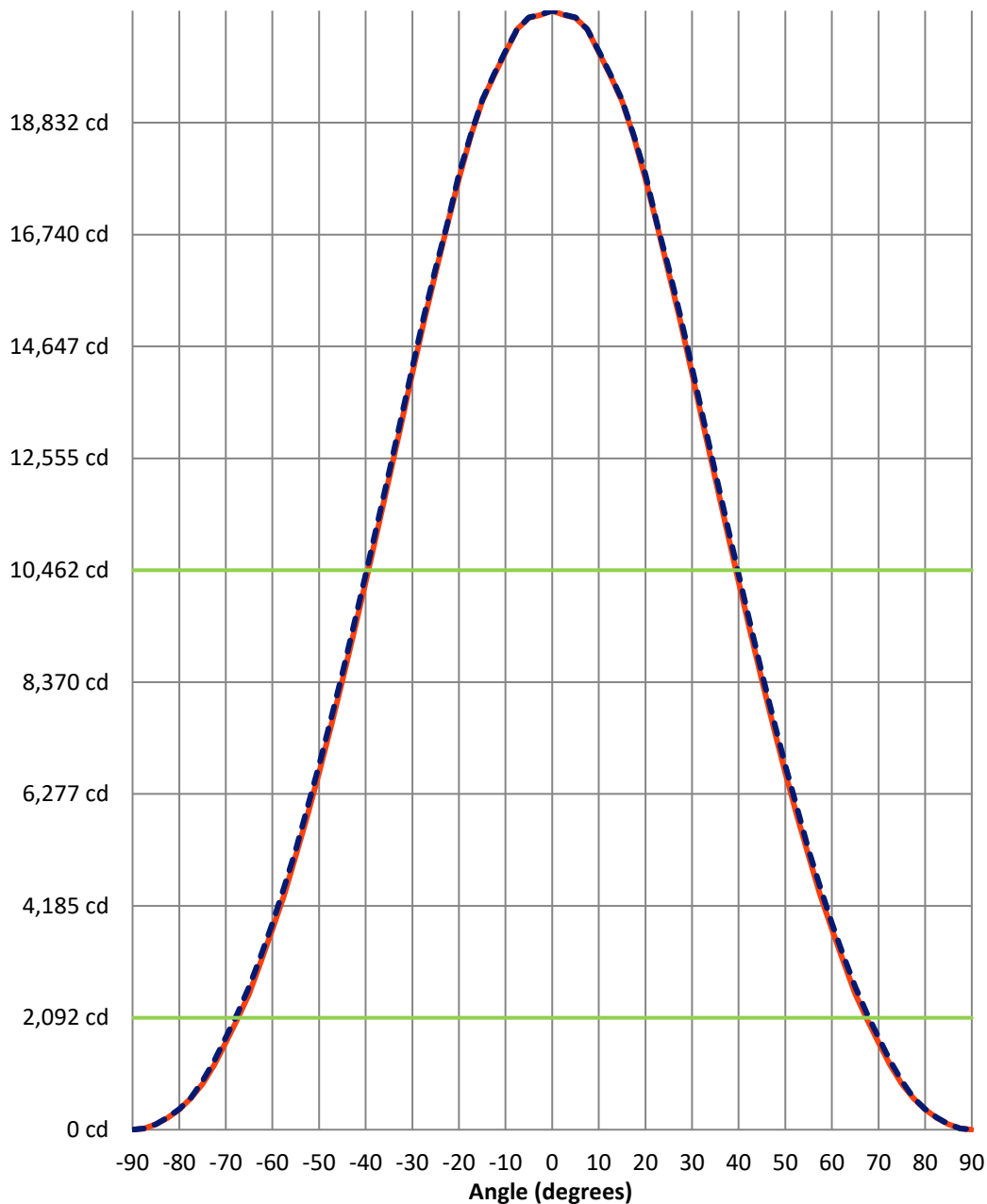
Luminous Intensity Polar Plot



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

REPORT NUMBER: P627971 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-722-U-VWR-XX

Luminous Intensity Plot



Beam:
 H Angle: 79.6°
 V Angle: 78.9°
 Lumens: 22181.3
 Efficiency: 58.7%

Field:
 H Angle: 135.9°
 V Angle: 134.8°
 Lumens: 36054.4
 Efficiency: 95.3%

Spill:
 Lumens: 1765.1
 Efficiency: 4.7%

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



REPORT NUMBER: P627971 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-U-VWR-XX

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	1.2	2.7	4.1	5.5	6.8	8.1	9.4	10.7	12.0	13.3
85°	0.0	2.4	5.5	8.2	10.9	13.6	16.2	18.9	21.5	24.0	26.5
82.5°	0.0	3.6	8.2	12.3	16.3	20.3	24.3	28.3	35.4	55.6	75.1
80°	0.0	4.8	10.9	16.3	21.7	27.1	36.6	65.1	92.5	118.9	144.1
77.5°	0.0	5.9	13.5	20.3	27.1	42.4	79.6	115.6	149.3	181.8	222.0
75°	0.0	7.1	16.1	24.3	35.2	73.3	121.7	165.7	207.9	266.0	327.6
72.5°	0.0	8.2	18.6	28.3	56.1	103.4	162.4	219.6	285.9	356.6	431.4
70°	0.0	9.3	21.1	33.8	76.4	132.4	203.1	284.2	362.2	445.4	542.8
67.5°	0.0	10.4	23.5	46.3	95.8	160.1	252.0	347.3	436.9	542.0	653.6
65°	0.0	11.4	25.9	58.4	114.4	191.2	298.7	408.7	517.5	635.7	757.3
62.5°	0.0	12.5	28.1	69.8	132.0	225.3	343.1	472.8	595.5	725.3	850.1
60°	0.0	13.5	30.3	80.7	148.5	257.5	384.9	536.5	670.5	809.2	941.6
57.5°	0.0	14.4	36.4	90.9	170.5	287.7	428.9	595.9	744.5	891.5	1028.3
55°	0.0	15.3	42.4	100.4	191.5	315.9	470.6	647.1	817.3	971.1	1111.5
52.5°	0.0	16.2	48.1	109.2	211.1	342.6	509.3	700.4	888.4	1044.3	1192.6
50°	0.0	17.0	53.6	117.2	229.1	371.0	544.6	751.0	955.9	1115.4	1285.6
47.5°	0.0	17.8	58.8	125.6	245.5	396.9	577.8	798.1	1017.0	1184.1	1376.7
45°	0.0	18.6	63.8	136.5	260.2	420.3	614.7	841.5	1064.6	1262.0	1463.8
42.5°	0.0	19.3	68.5	146.3	273.3	441.1	648.5	881.4	1110.1	1336.5	1566.4
40°	0.0	19.9	72.9	156.4	286.5	459.2	679.2	919.2	1157.4	1406.2	1666.4
37.5°	0.0	20.5	77.1	166.4	299.5	474.7	706.6	955.0	1210.5	1472.4	1760.1
35°	0.0	21.1	80.9	175.7	310.7	492.7	730.8	988.7	1262.2	1548.7	1854.6
32.5°	0.0	21.6	84.5	184.3	320.0	510.6	753.3	1020.3	1312.5	1621.9	1954.7
30°	0.0	22.1	87.7	192.1	327.5	525.9	776.6	1051.9	1361.0	1692.0	2048.2
27.5°	0.0	22.5	90.6	199.2	338.7	538.6	797.5	1088.6	1410.8	1758.4	2134.9
25°	0.0	22.8	93.3	205.6	349.2	548.7	815.9	1122.7	1462.9	1826.1	2215.2
22.5°	0.0	23.1	95.6	211.2	358.5	558.8	831.7	1153.9	1510.7	1890.1	2300.7
20°	0.0	23.4	97.5	216.0	366.5	572.7	844.7	1182.0	1554.2	1947.3	2377.3
17.5°	0.0	23.5	99.2	220.1	373.2	584.0	861.0	1206.7	1592.9	1997.6	2444.9
15°	0.0	23.7	100.5	223.4	378.6	592.9	877.9	1230.3	1626.6	2040.7	2503.2
12.5°	0.0	23.8	101.6	226.0	382.7	599.2	891.7	1252.4	1657.0	2076.4	2551.9
10°	0.0	23.8	102.3	227.7	385.5	603.2	902.2	1269.5	1683.3	2110.0	2593.0
7.5°	0.0	23.8	102.7	228.8	387.1	604.8	909.4	1281.4	1703.5	2137.0	2628.6
5°	0.0	23.8	102.8	229.1	387.4	604.1	913.1	1288.2	1717.4	2156.6	2654.0
2.5°	0.0	23.6	102.5	228.6	386.5	601.1	913.2	1289.8	1724.8	2168.5	2669.3
0°	0.0	23.5	102.0	227.4	384.3	596.1	909.8	1286.2	1725.4	2172.5	2674.4
-2.5°	0.0	23.6	102.5	228.6	386.5	601.1	913.2	1289.8	1724.8	2168.5	2669.3
-5°	0.0	23.8	102.8	229.1	387.4	604.1	913.1	1288.2	1717.4	2156.6	2654.0
-7.5°	0.0	23.8	102.7	228.8	387.1	604.8	909.4	1281.4	1703.5	2137.0	2628.6
-10°	0.0	23.8	102.3	227.7	385.5	603.2	902.2	1269.5	1683.3	2110.0	2593.0
-12.5°	0.0	23.8	101.6	226.0	382.7	599.2	891.7	1252.4	1657.0	2076.4	2551.9
-15°	0.0	23.7	100.5	223.4	378.6	592.9	877.9	1230.3	1626.6	2040.7	2503.2
-17.5°	0.0	23.5	99.2	220.1	373.2	584.0	861.0	1206.7	1592.9	1997.6	2444.9
-20°	0.0	23.4	97.5	216.0	366.5	572.7	844.7	1182.0	1554.2	1947.3	2377.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627971 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	23.1	95.6	211.2	358.5	558.8	831.7	1153.9	1510.7	1890.1	2300.7
-25°	0.0	22.8	93.3	205.6	349.2	548.7	815.9	1122.7	1462.9	1826.1	2215.2
-27.5°	0.0	22.5	90.6	199.2	338.7	538.6	797.5	1088.6	1410.8	1758.4	2134.9
-30°	0.0	22.1	87.7	192.1	327.5	525.9	776.6	1051.9	1361.0	1692.0	2048.2
-32.5°	0.0	21.6	84.5	184.3	320.0	510.6	753.3	1020.3	1312.5	1621.9	1954.7
-35°	0.0	21.1	80.9	175.7	310.7	492.7	730.8	988.7	1262.2	1548.7	1854.6
-37.5°	0.0	20.5	77.1	166.4	299.5	474.7	706.6	955.0	1210.5	1472.4	1760.1
-40°	0.0	19.9	72.9	156.4	286.5	459.2	679.2	919.2	1157.4	1406.2	1666.4
-42.5°	0.0	19.3	68.5	146.3	273.3	441.1	648.5	881.4	1110.1	1336.5	1566.4
-45°	0.0	18.6	63.8	136.5	260.2	420.3	614.7	841.5	1064.6	1262.0	1463.8
-47.5°	0.0	17.8	58.8	125.6	245.5	396.9	577.8	798.1	1017.0	1184.1	1376.7
-50°	0.0	17.0	53.6	117.2	229.1	371.0	544.6	751.0	955.9	1115.4	1285.6
-52.5°	0.0	16.2	48.1	109.2	211.1	342.6	509.3	700.4	888.4	1044.3	1192.6
-55°	0.0	15.3	42.4	100.4	191.5	315.9	470.6	647.1	817.3	971.1	1111.5
-57.5°	0.0	14.4	36.4	90.9	170.5	287.7	428.9	595.9	744.5	891.5	1028.3
-60°	0.0	13.5	30.3	80.7	148.5	257.5	384.9	536.5	670.5	809.2	941.6
-62.5°	0.0	12.5	28.1	69.8	132.0	225.3	343.1	472.8	595.5	725.3	850.1
-65°	0.0	11.4	25.9	58.4	114.4	191.2	298.7	408.7	517.5	635.7	757.3
-67.5°	0.0	10.4	23.5	46.3	95.8	160.1	252.0	347.3	436.9	542.0	653.6
-70°	0.0	9.3	21.1	33.8	76.4	132.4	203.1	284.2	362.2	445.4	542.8
-72.5°	0.0	8.2	18.6	28.3	56.1	103.4	162.4	219.6	285.9	356.6	431.4
-75°	0.0	7.1	16.1	24.3	35.2	73.3	121.7	165.7	207.9	266.0	327.6
-77.5°	0.0	5.9	13.5	20.3	27.1	42.4	79.6	115.6	149.3	181.8	222.0
-80°	0.0	4.8	10.9	16.3	21.7	27.1	36.6	65.1	92.5	118.9	144.1
-82.5°	0.0	3.6	8.2	12.3	16.3	20.3	24.3	28.3	35.4	55.6	75.1
-85°	0.0	2.4	5.5	8.2	10.9	13.6	16.2	18.9	21.5	24.0	26.5
-87.5°	0.0	1.2	2.7	4.1	5.5	6.8	8.1	9.4	10.7	12.0	13.3
-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: P627971 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-722-U-VWR-XX

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°	15.4	17.6	20.0	22.5	22.7	22.7	22.5	22.2	23.1	24.1	24.9
85°	30.7	35.2	48.9	62.1	68.5	72.4	74.2	73.9	85.9	99.8	114.9
82.5°	95.4	115.1	133.9	151.7	156.3	156.4	154.9	155.4	183.6	215.9	249.1
80°	170.0	194.9	228.0	257.3	270.0	276.6	279.7	279.2	314.9	362.4	412.4
77.5°	269.6	311.6	348.1	379.2	395.9	410.7	422.8	432.0	477.9	538.0	597.6
75°	383.1	429.2	475.0	514.9	542.8	563.5	582.8	613.8	673.9	744.0	805.0
72.5°	502.9	561.7	612.8	656.1	695.3	736.9	783.4	834.4	897.8	967.8	1031.6
70°	630.9	695.5	749.0	801.2	854.5	916.8	986.6	1055.3	1126.0	1203.3	1277.7
67.5°	756.0	818.4	881.4	947.2	1027.0	1110.4	1192.9	1287.7	1384.6	1470.5	1547.3
65°	864.7	937.9	1016.6	1105.9	1204.6	1310.5	1420.7	1534.4	1657.4	1760.4	1854.4
62.5°	968.6	1056.5	1152.2	1263.5	1389.3	1514.7	1655.3	1797.6	1936.0	2057.5	2169.7
60°	1064.2	1170.8	1291.8	1428.2	1575.1	1741.9	1901.9	2063.7	2215.5	2353.0	2494.9
57.5°	1157.4	1291.4	1436.6	1600.4	1786.1	1973.5	2161.6	2335.6	2507.5	2675.0	2835.5
55°	1255.9	1417.4	1590.1	1791.1	2000.5	2222.0	2424.7	2618.9	2808.3	3011.6	3204.9
52.5°	1364.3	1544.7	1760.9	1985.9	2227.7	2465.5	2688.1	2909.4	3138.2	3368.4	3620.0
50°	1468.9	1693.9	1930.8	2192.4	2453.7	2708.4	2963.7	3218.5	3492.7	3775.0	4060.2
47.5°	1591.1	1836.6	2116.5	2397.1	2682.5	2966.1	3250.5	3558.5	3870.0	4197.4	4512.8
45°	1714.8	1990.8	2292.3	2609.7	2918.4	3232.2	3564.8	3905.3	4270.6	4630.6	5010.1
42.5°	1832.0	2144.0	2476.4	2819.1	3162.5	3513.2	3878.9	4276.7	4675.8	5091.0	5508.0
40°	1961.8	2289.8	2656.3	3033.7	3406.3	3795.1	4213.1	4643.9	5095.5	5552.0	6004.9
37.5°	2086.7	2447.2	2832.4	3238.7	3656.8	4084.1	4538.0	5026.9	5516.7	6008.0	6507.4
35°	2203.6	2596.4	3013.7	3445.0	3888.5	4374.4	4881.8	5403.8	5934.4	6465.8	7003.1
32.5°	2323.9	2737.1	3186.9	3648.5	4137.2	4658.3	5214.0	5779.7	6344.8	6912.3	7500.3
30°	2444.4	2884.7	3354.6	3841.0	4375.4	4943.3	5540.6	6139.7	6737.6	7362.0	7988.6
27.5°	2558.4	3024.7	3519.5	4039.9	4603.8	5207.2	5841.5	6483.3	7127.9	7791.8	8460.2
25°	2663.3	3157.3	3672.5	4231.3	4829.0	5461.1	6121.9	6791.6	7498.5	8209.0	8906.9
22.5°	2765.5	3279.1	3814.2	4407.6	5033.1	5696.9	6385.0	7092.1	7830.9	8593.9	9316.1
20°	2863.9	3395.1	3952.1	4567.4	5215.8	5909.2	6624.1	7364.6	8139.6	8923.0	9699.9
17.5°	2951.3	3498.2	4080.5	4716.8	5390.2	6103.2	6839.5	7604.3	8413.9	9225.9	10049.1
15°	3027.4	3587.9	4191.7	4847.2	5544.4	6279.6	7039.4	7826.1	8656.5	9502.0	10357.7
12.5°	3091.7	3663.9	4285.3	4958.0	5675.2	6430.8	7211.3	8025.5	8878.3	9747.5	10628.1
10°	3144.0	3725.9	4361.0	5048.6	5782.0	6555.9	7352.8	8190.0	9068.3	9956.4	10855.5
7.5°	3188.5	3777.5	4421.1	5118.4	5864.3	6653.8	7462.9	8318.2	9219.6	10119.3	11038.2
5°	3220.9	3819.3	4476.3	5177.0	5935.9	6730.3	7546.4	8409.6	9330.3	10235.3	11170.6
2.5°	3240.4	3846.5	4513.9	5215.0	5992.2	6787.6	7620.6	8490.4	9411.5	10327.3	11270.2
0°	3246.9	3858.7	4533.2	5231.2	6023.3	6815.4	7662.4	8533.0	9450.6	10383.9	11332.9
-2.5°	3240.4	3846.5	4513.9	5215.0	5992.2	6787.6	7620.6	8490.4	9411.5	10327.3	11270.2
-5°	3220.9	3819.3	4476.3	5177.0	5935.9	6730.3	7546.4	8409.6	9330.3	10235.3	11170.6
-7.5°	3188.5	3777.5	4421.1	5118.4	5864.3	6653.8	7462.9	8318.2	9219.6	10119.3	11038.2
-10°	3144.0	3725.9	4361.0	5048.6	5782.0	6555.9	7352.8	8190.0	9068.3	9956.4	10855.5
-12.5°	3091.7	3663.9	4285.3	4958.0	5675.2	6430.8	7211.3	8025.5	8878.3	9747.5	10628.1
-15°	3027.4	3587.9	4191.7	4847.2	5544.4	6279.6	7039.4	7826.1	8656.5	9502.0	10357.7
-17.5°	2951.3	3498.2	4080.5	4716.8	5390.2	6103.2	6839.5	7604.3	8413.9	9225.9	10049.1
-20°	2863.9	3395.1	3952.1	4567.4	5215.8	5909.2	6624.1	7364.6	8139.6	8923.0	9699.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627971 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	2765.5	3279.1	3814.2	4407.6	5033.1	5696.9	6385.0	7092.1	7830.9	8593.9	9316.1
-25°	2663.3	3157.3	3672.5	4231.3	4829.0	5461.1	6121.9	6791.6	7498.5	8209.0	8906.9
-27.5°	2558.4	3024.7	3519.5	4039.9	4603.8	5207.2	5841.5	6483.3	7127.9	7791.8	8460.2
-30°	2444.4	2884.7	3354.6	3841.0	4375.4	4943.3	5540.6	6139.7	6737.6	7362.0	7988.6
-32.5°	2323.9	2737.1	3186.9	3648.5	4137.2	4658.3	5214.0	5779.7	6344.8	6912.3	7500.3
-35°	2203.6	2596.4	3013.7	3445.0	3888.5	4374.4	4881.8	5403.8	5934.4	6465.8	7003.1
-37.5°	2086.7	2447.2	2832.4	3238.7	3656.8	4084.1	4538.0	5026.9	5516.7	6008.0	6507.4
-40°	1961.8	2289.8	2656.3	3033.7	3406.3	3795.1	4213.1	4643.9	5095.5	5552.0	6004.9
-42.5°	1832.0	2144.0	2476.4	2819.1	3162.5	3513.2	3878.9	4276.7	4675.8	5091.0	5508.0
-45°	1714.8	1990.8	2292.3	2609.7	2918.4	3232.2	3564.8	3905.3	4270.6	4630.6	5010.1
-47.5°	1591.1	1836.6	2116.5	2397.1	2682.5	2966.1	3250.5	3558.5	3870.0	4197.4	4512.8
-50°	1468.9	1693.9	1930.8	2192.4	2453.7	2708.4	2963.7	3218.5	3492.7	3775.0	4060.2
-52.5°	1364.3	1544.7	1760.9	1985.9	2227.7	2465.5	2688.1	2909.4	3138.2	3368.4	3620.0
-55°	1255.9	1417.4	1590.1	1791.1	2000.5	2222.0	2424.7	2618.9	2808.3	3011.6	3204.9
-57.5°	1157.4	1291.4	1436.6	1600.4	1786.1	1973.5	2161.6	2335.6	2507.5	2675.0	2835.5
-60°	1064.2	1170.8	1291.8	1428.2	1575.1	1741.9	1901.9	2063.7	2215.5	2353.0	2494.9
-62.5°	968.6	1056.5	1152.2	1263.5	1389.3	1514.7	1655.3	1797.6	1936.0	2057.5	2169.7
-65°	864.7	937.9	1016.6	1105.9	1204.6	1310.5	1420.7	1534.4	1657.4	1760.4	1854.4
-67.5°	756.0	818.4	881.4	947.2	1027.0	1110.4	1192.9	1287.7	1384.6	1470.5	1547.3
-70°	630.9	695.5	749.0	801.2	854.5	916.8	986.6	1055.3	1126.0	1203.3	1277.7
-72.5°	502.9	561.7	612.8	656.1	695.3	736.9	783.4	834.4	897.8	967.8	1031.6
-75°	383.1	429.2	475.0	514.9	542.8	563.5	582.8	613.8	673.9	744.0	805.0
-77.5°	269.6	311.6	348.1	379.2	395.9	410.7	422.8	432.0	477.9	538.0	597.6
-80°	170.0	194.9	228.0	257.3	270.0	276.6	279.7	279.2	314.9	362.4	412.4
-82.5°	95.4	115.1	133.9	151.7	156.3	156.4	154.9	155.4	183.6	215.9	249.1
-85°	30.7	35.2	48.9	62.1	68.5	72.4	74.2	73.9	85.9	99.8	114.9
-87.5°	15.4	17.6	20.0	22.5	22.7	22.7	22.5	22.2	23.1	24.1	24.9
-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: P627971 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-722-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°	25.7	26.5	27.2	27.9	28.5	29.0	29.5	29.9	30.3	28.7	27.0
85°	131.0	140.3	148.9	157.2	165.1	172.6	179.6	186.1	192.1	175.4	157.0
82.5°	282.9	305.6	327.2	348.7	370.0	375.4	377.0	376.2	373.3	344.0	311.6
80°	461.8	500.3	536.5	572.5	607.9	611.9	607.9	600.6	590.2	551.9	508.4
77.5°	657.1	705.5	747.9	786.7	822.0	828.7	827.7	825.9	823.0	783.9	736.5
75°	857.2	904.6	950.3	989.1	1021.5	1036.4	1043.7	1048.8	1051.7	1023.6	986.8
72.5°	1089.3	1138.6	1178.9	1216.6	1248.5	1271.6	1288.2	1300.7	1309.2	1300.7	1285.7
70°	1341.2	1394.0	1438.5	1481.0	1524.3	1559.0	1585.2	1604.2	1616.3	1624.2	1629.7
67.5°	1624.8	1695.7	1757.6	1810.4	1862.8	1911.8	1952.1	1985.0	2010.5	2032.1	2048.7
65°	1944.3	2035.0	2115.3	2189.1	2256.8	2327.9	2386.3	2435.3	2474.7	2507.3	2533.5
62.5°	2280.2	2391.3	2494.5	2594.6	2692.7	2789.4	2863.6	2931.1	2991.1	3042.8	3083.9
60°	2629.2	2755.5	2894.0	3026.2	3147.9	3259.1	3369.4	3465.0	3546.8	3614.7	3669.5
57.5°	3004.5	3168.0	3329.8	3494.0	3649.2	3794.3	3930.2	4050.1	4151.5	4234.6	4304.4
55°	3409.8	3614.3	3802.0	4009.1	4209.2	4391.5	4551.9	4692.9	4814.8	4917.0	5003.6
52.5°	3855.3	4103.8	4347.8	4583.5	4810.7	5022.0	5214.1	5378.3	5524.3	5649.5	5749.4
50°	4343.0	4627.3	4910.0	5172.1	5433.2	5676.8	5896.9	6087.5	6257.4	6404.5	6520.3
47.5°	4853.0	5176.5	5492.2	5792.4	6081.3	6352.0	6590.4	6807.5	7019.4	7192.2	7328.8
45°	5382.4	5745.5	6093.8	6436.9	6755.1	7058.5	7352.5	7622.9	7840.4	8030.8	8190.7
42.5°	5918.4	6323.4	6713.5	7087.7	7437.5	7788.4	8119.3	8414.9	8662.9	8879.3	9061.0
40°	6461.4	6904.8	7334.5	7742.5	8142.4	8525.1	8882.9	9194.7	9474.3	9731.4	9945.5
37.5°	7001.6	7489.4	7965.4	8422.6	8862.9	9277.4	9664.1	10016.3	10331.9	10624.7	10862.5
35°	7544.2	8079.3	8600.5	9103.6	9584.6	10042.0	10465.3	10866.1	11238.0	11534.6	11777.9
32.5°	8084.7	8660.0	9227.2	9781.1	10307.6	10800.6	11259.2	11702.2	12084.8	12410.8	12690.5
30°	8607.7	9231.0	9848.6	10449.2	11017.8	11552.2	12060.0	12528.4	12939.8	13296.3	13610.1
27.5°	9121.0	9790.6	10453.2	11094.8	11709.7	12290.3	12844.5	13352.4	13801.4	14188.9	14519.7
25°	9606.1	10325.7	11032.1	11712.3	12369.2	13009.6	13608.0	14162.2	14641.8	15067.2	15407.1
22.5°	10069.5	10837.0	11579.2	12294.8	12997.4	13687.7	14342.8	14921.6	15429.8	15874.5	16250.8
20°	10501.3	11323.7	12083.1	12839.9	13579.9	14317.0	15020.4	15631.1	16168.8	16642.3	17056.9
17.5°	10904.9	11748.5	12548.0	13353.8	14133.7	14907.0	15621.6	16276.2	16856.4	17359.1	17793.4
15°	11246.6	12098.5	12971.7	13831.9	14654.5	15437.5	16151.4	16835.1	17479.3	18023.0	18463.4
12.5°	11523.2	12409.2	13320.1	14233.4	15103.2	15885.2	16632.7	17326.2	18002.8	18613.5	19018.4
10°	11759.0	12671.3	13611.7	14543.1	15424.6	16252.0	17064.7	17797.9	18462.8	19009.7	19461.8
7.5°	11962.9	12902.6	13857.8	14790.6	15669.1	16524.1	17360.6	18139.4	18810.7	19325.9	19729.2
5°	12113.2	13075.3	14048.9	14990.3	15881.1	16738.8	17579.2	18348.1	19003.4	19527.7	19967.5
2.5°	12220.8	13191.9	14172.5	15115.2	16025.9	16885.7	17747.0	18524.6	19159.2	19639.5	20060.6
0°	12289.7	13262.2	14250.4	15215.1	16109.2	16940.5	17866.0	18595.3	19254.1	19732.6	20171.8
-2.5°	12220.8	13191.9	14172.5	15115.2	16025.9	16885.7	17747.0	18524.6	19159.2	19639.5	20060.6
-5°	12113.2	13075.3	14048.9	14990.3	15881.1	16738.8	17579.2	18348.1	19003.4	19527.7	19967.5
-7.5°	11962.9	12902.6	13857.8	14790.6	15669.1	16524.1	17360.6	18139.4	18810.7	19325.9	19729.2
-10°	11759.0	12671.3	13611.7	14543.1	15424.6	16252.0	17064.7	17797.9	18462.8	19009.7	19461.8
-12.5°	11523.2	12409.2	13320.1	14233.4	15103.2	15885.2	16632.7	17326.2	18002.8	18613.5	19018.4
-15°	11246.6	12098.5	12971.7	13831.9	14654.5	15437.5	16151.4	16835.1	17479.3	18023.0	18463.4
-17.5°	10904.9	11748.5	12548.0	13353.8	14133.7	14907.0	15621.6	16276.2	16856.4	17359.1	17793.4
-20°	10501.3	11323.7	12083.1	12839.9	13579.9	14317.0	15020.4	15631.1	16168.8	16642.3	17056.9

Classified

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

Scaled Data Report



REPORT NUMBER: P627971 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	10069.5	10837.0	11579.2	12294.8	12997.4	13687.7	14342.8	14921.6	15429.8	15874.5	16250.8
-25°	9606.1	10325.7	11032.1	11712.3	12369.2	13009.6	13608.0	14162.2	14641.8	15067.2	15407.1
-27.5°	9121.0	9790.6	10453.2	11094.8	11709.7	12290.3	12844.5	13352.4	13801.4	14188.9	14519.7
-30°	8607.7	9231.0	9848.6	10449.2	11017.8	11552.2	12060.0	12528.4	12939.8	13296.3	13610.1
-32.5°	8084.7	8660.0	9227.2	9781.1	10307.6	10800.6	11259.2	11702.2	12084.8	12410.8	12690.5
-35°	7544.2	8079.3	8600.5	9103.6	9584.6	10042.0	10465.3	10866.1	11238.0	11534.6	11777.9
-37.5°	7001.6	7489.4	7965.4	8422.6	8862.9	9277.4	9664.1	10016.3	10331.9	10624.7	10862.5
-40°	6461.4	6904.8	7334.5	7742.5	8142.4	8525.1	8882.9	9194.7	9474.3	9731.4	9945.5
-42.5°	5918.4	6323.4	6713.5	7087.7	7437.5	7788.4	8119.3	8414.9	8662.9	8879.3	9061.0
-45°	5382.4	5745.5	6093.8	6436.9	6755.1	7058.5	7352.5	7622.9	7840.4	8030.8	8190.7
-47.5°	4853.0	5176.5	5492.2	5792.4	6081.3	6352.0	6590.4	6807.5	7019.4	7192.2	7328.8
-50°	4343.0	4627.3	4910.0	5172.1	5433.2	5676.8	5896.9	6087.5	6257.4	6404.5	6520.3
-52.5°	3855.3	4103.8	4347.8	4583.5	4810.7	5022.0	5214.1	5378.3	5524.3	5649.5	5749.4
-55°	3409.8	3614.3	3802.0	4009.1	4209.2	4391.5	4551.9	4692.9	4814.8	4917.0	5003.6
-57.5°	3004.5	3168.0	3329.8	3494.0	3649.2	3794.3	3930.2	4050.1	4151.5	4234.6	4304.4
-60°	2629.2	2755.5	2894.0	3026.2	3147.9	3259.1	3369.4	3465.0	3546.8	3614.7	3669.5
-62.5°	2280.2	2391.3	2494.5	2594.6	2692.7	2789.4	2863.6	2931.1	2991.1	3042.8	3083.9
-65°	1944.3	2035.0	2115.3	2189.1	2256.8	2327.9	2386.3	2435.3	2474.7	2507.3	2533.5
-67.5°	1624.8	1695.7	1757.6	1810.4	1862.8	1911.8	1952.1	1985.0	2010.5	2032.1	2048.7
-70°	1341.2	1394.0	1438.5	1481.0	1524.3	1559.0	1585.2	1604.2	1616.3	1624.2	1629.7
-72.5°	1089.3	1138.6	1178.9	1216.6	1248.5	1271.6	1288.2	1300.7	1309.2	1300.7	1285.7
-75°	857.2	904.6	950.3	989.1	1021.5	1036.4	1043.7	1048.8	1051.7	1023.6	986.8
-77.5°	657.1	705.5	747.9	786.7	822.0	828.7	827.7	825.9	823.0	783.9	736.5
-80°	461.8	500.3	536.5	572.5	607.9	611.9	607.9	600.6	590.2	551.9	508.4
-82.5°	282.9	305.6	327.2	348.7	370.0	375.4	377.0	376.2	373.3	344.0	311.6
-85°	131.0	140.3	148.9	157.2	165.1	172.6	179.6	186.1	192.1	175.4	157.0
-87.5°	25.7	26.5	27.2	27.9	28.5	29.0	29.5	29.9	30.3	28.7	27.0
-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: P627971 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-722-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°	25.3	23.4	23.5	23.5	23.5	23.4	25.3	27.0	28.7	30.3	29.9
85°	137.5	117.0	109.7	102.0	109.7	117.0	137.5	157.0	175.4	192.1	186.1
82.5°	277.6	242.3	231.1	219.6	231.1	242.3	277.6	311.6	344.0	373.3	376.2
80°	462.5	414.6	395.8	376.5	395.8	414.6	462.5	508.4	551.9	590.2	600.6
77.5°	686.4	633.8	611.3	588.2	611.3	633.8	686.4	736.5	783.9	823.0	825.9
75°	947.9	906.7	881.7	854.9	881.7	906.7	947.9	986.8	1023.6	1051.7	1048.8
72.5°	1268.5	1248.3	1230.1	1207.8	1230.1	1248.3	1268.5	1285.7	1300.7	1309.2	1300.7
70°	1631.6	1629.1	1632.3	1631.3	1632.3	1629.1	1631.6	1629.7	1624.2	1616.3	1604.2
67.5°	2057.3	2057.8	2066.6	2070.5	2066.6	2057.8	2057.3	2048.7	2032.1	2010.5	1985.0
65°	2549.6	2555.6	2553.4	2541.1	2553.4	2555.6	2549.6	2533.5	2507.3	2474.7	2435.3
62.5°	3113.1	3130.0	3139.3	3137.1	3139.3	3130.0	3113.1	3083.9	3042.8	2991.1	2931.1
60°	3710.4	3736.9	3750.3	3748.9	3750.3	3736.9	3710.4	3669.5	3614.7	3546.8	3465.0
57.5°	4356.4	4390.4	4398.4	4384.1	4398.4	4390.4	4356.4	4304.4	4234.6	4151.5	4050.1
55°	5069.0	5112.5	5129.3	5121.4	5129.3	5112.5	5069.0	5003.6	4917.0	4814.8	4692.9
52.5°	5822.6	5869.6	5886.3	5874.3	5886.3	5869.6	5822.6	5749.4	5649.5	5524.3	5378.3
50°	6605.2	6662.2	6685.2	6674.2	6685.2	6662.2	6605.2	6520.3	6404.5	6257.4	6087.5
47.5°	7436.0	7511.9	7541.4	7521.3	7541.4	7511.9	7436.0	7328.8	7192.2	7019.4	6807.5
45°	8310.2	8388.8	8419.3	8399.7	8419.3	8388.8	8310.2	8190.7	8030.8	7840.4	7622.9
42.5°	9199.9	9302.2	9345.4	9309.4	9345.4	9302.2	9199.9	9061.0	8879.3	8662.9	8414.9
40°	10105.4	10216.4	10267.6	10242.7	10267.6	10216.4	10105.4	9945.5	9731.4	9474.3	9194.7
37.5°	11034.2	11144.6	11198.8	11199.6	11198.8	11144.6	11034.2	10862.5	10624.7	10331.9	10016.3
35°	11966.4	12100.1	12175.7	12172.1	12175.7	12100.1	11966.4	11777.9	11534.6	11238.0	10866.1
32.5°	12911.7	13056.4	13133.7	13144.6	13133.7	13056.4	12911.7	12690.5	12410.8	12084.8	11702.2
30°	13855.3	14014.4	14103.9	14140.6	14103.9	14014.4	13855.3	13610.1	13296.3	12939.8	12528.4
27.5°	14770.4	14966.2	15101.4	15113.1	15101.4	14966.2	14770.4	14519.7	14188.9	13801.4	13352.4
25°	15656.7	15856.1	15994.7	16022.9	15994.7	15856.1	15656.7	15407.1	15067.2	14641.8	14162.2
22.5°	16530.3	16738.7	16866.6	16917.0	16866.6	16738.7	16530.3	16250.8	15874.5	15429.8	14921.6
20°	17364.1	17590.0	17725.7	17779.7	17725.7	17590.0	17364.1	17056.9	16642.3	16168.8	15631.1
17.5°	18118.5	18357.2	18524.7	18571.8	18524.7	18357.2	18118.5	17793.4	17359.1	16856.4	16276.2
15°	18782.5	19008.8	19167.8	19230.6	19167.8	19008.8	18782.5	18463.4	18023.0	17479.3	16835.1
12.5°	19322.8	19525.3	19649.9	19709.0	19649.9	19525.3	19322.8	19018.4	18613.5	18002.8	17326.2
10°	19745.0	19948.1	20067.1	20148.2	20067.1	19948.1	19745.0	19461.8	19009.7	18462.8	17797.9
7.5°	20111.4	20319.5	20465.1	20579.6	20465.1	20319.5	20111.4	19729.2	19325.9	18810.7	18139.4
5°	20313.7	20661.2	20713.5	20791.3	20713.5	20661.2	20313.7	19967.5	19527.7	19003.4	18348.1
2.5°	20467.9	20714.4	20862.6	20846.2	20862.6	20714.4	20467.9	20060.6	19639.5	19159.2	18524.6
0°	20579.6	20799.2	20854.1	20924.7	20854.1	20799.2	20579.6	20171.8	19732.6	19254.1	18595.3
-2.5°	20467.9	20714.4	20862.6	20846.2	20862.6	20714.4	20467.9	20060.6	19639.5	19159.2	18524.6
-5°	20313.7	20661.2	20713.5	20791.3	20713.5	20661.2	20313.7	19967.5	19527.7	19003.4	18348.1
-7.5°	20111.4	20319.5	20465.1	20579.6	20465.1	20319.5	20111.4	19729.2	19325.9	18810.7	18139.4
-10°	19745.0	19948.1	20067.1	20148.2	20067.1	19948.1	19745.0	19461.8	19009.7	18462.8	17797.9
-12.5°	19322.8	19525.3	19649.9	19709.0	19649.9	19525.3	19322.8	19018.4	18613.5	18002.8	17326.2
-15°	18782.5	19008.8	19167.8	19230.6	19167.8	19008.8	18782.5	18463.4	18023.0	17479.3	16835.1
-17.5°	18118.5	18357.2	18524.7	18571.8	18524.7	18357.2	18118.5	17793.4	17359.1	16856.4	16276.2
-20°	17364.1	17590.0	17725.7	17779.7	17725.7	17590.0	17364.1	17056.9	16642.3	16168.8	15631.1



REPORT NUMBER: P627971 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA6E-722-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°	16530.3	16738.7	16866.6	16917.0	16866.6	16738.7	16530.3	16250.8	15874.5	15429.8	14921.6
-25°	15656.7	15856.1	15994.7	16022.9	15994.7	15856.1	15656.7	15407.1	15067.2	14641.8	14162.2
-27.5°	14770.4	14966.2	15101.4	15113.1	15101.4	14966.2	14770.4	14519.7	14188.9	13801.4	13352.4
-30°	13855.3	14014.4	14103.9	14140.6	14103.9	14014.4	13855.3	13610.1	13296.3	12939.8	12528.4
-32.5°	12911.7	13056.4	13133.7	13144.6	13133.7	13056.4	12911.7	12690.5	12410.8	12084.8	11702.2
-35°	11966.4	12100.1	12175.7	12172.1	12175.7	12100.1	11966.4	11777.9	11534.6	11238.0	10866.1
-37.5°	11034.2	11144.6	11198.8	11199.6	11198.8	11144.6	11034.2	10862.5	10624.7	10331.9	10016.3
-40°	10105.4	10216.4	10267.6	10242.7	10267.6	10216.4	10105.4	9945.5	9731.4	9474.3	9194.7
-42.5°	9199.9	9302.2	9345.4	9309.4	9345.4	9302.2	9199.9	9061.0	8879.3	8662.9	8414.9
-45°	8310.2	8388.8	8419.3	8399.7	8419.3	8388.8	8310.2	8190.7	8030.8	7840.4	7622.9
-47.5°	7436.0	7511.9	7541.4	7521.3	7541.4	7511.9	7436.0	7328.8	7192.2	7019.4	6807.5
-50°	6605.2	6662.2	6685.2	6674.2	6685.2	6662.2	6605.2	6520.3	6404.5	6257.4	6087.5
-52.5°	5822.6	5869.6	5886.3	5874.3	5886.3	5869.6	5822.6	5749.4	5649.5	5524.3	5378.3
-55°	5069.0	5112.5	5129.3	5121.4	5129.3	5112.5	5069.0	5003.6	4917.0	4814.8	4692.9
-57.5°	4356.4	4390.4	4398.4	4384.1	4398.4	4390.4	4356.4	4304.4	4234.6	4151.5	4050.1
-60°	3710.4	3736.9	3750.3	3748.9	3750.3	3736.9	3710.4	3669.5	3614.7	3546.8	3465.0
-62.5°	3113.1	3130.0	3139.3	3137.1	3139.3	3130.0	3113.1	3083.9	3042.8	2991.1	2931.1
-65°	2549.6	2555.6	2553.4	2541.1	2553.4	2555.6	2549.6	2533.5	2507.3	2474.7	2435.3
-67.5°	2057.3	2057.8	2066.6	2070.5	2066.6	2057.8	2057.3	2048.7	2032.1	2010.5	1985.0
-70°	1631.6	1629.1	1632.3	1631.3	1632.3	1629.1	1631.6	1629.7	1624.2	1616.3	1604.2
-72.5°	1268.5	1248.3	1230.1	1207.8	1230.1	1248.3	1268.5	1285.7	1300.7	1309.2	1300.7
-75°	947.9	906.7	881.7	854.9	881.7	906.7	947.9	986.8	1023.6	1051.7	1048.8
-77.5°	686.4	633.8	611.3	588.2	611.3	633.8	686.4	736.5	783.9	823.0	825.9
-80°	462.5	414.6	395.8	376.5	395.8	414.6	462.5	508.4	551.9	590.2	600.6
-82.5°	277.6	242.3	231.1	219.6	231.1	242.3	277.6	311.6	344.0	373.3	376.2
-85°	137.5	117.0	109.7	102.0	109.7	117.0	137.5	157.0	175.4	192.1	186.1
-87.5°	25.3	23.4	23.5	23.5	23.5	23.4	25.3	27.0	28.7	30.3	29.9
-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: P627971 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	29.5	29.0	28.5	27.9	27.2	26.5	25.7	24.9	24.1	23.1	22.2
85°	179.6	172.6	165.1	157.2	148.9	140.3	131.0	114.9	99.8	85.9	73.9
82.5°	377.0	375.4	370.0	348.7	327.2	305.6	282.9	249.1	215.9	183.6	155.4
80°	607.9	611.9	607.9	572.5	536.5	500.3	461.8	412.4	362.4	314.9	279.2
77.5°	827.7	828.7	822.0	786.7	747.9	705.5	657.1	597.6	538.0	477.9	432.0
75°	1043.7	1036.4	1021.5	989.1	950.3	904.6	857.2	805.0	744.0	673.9	613.8
72.5°	1288.2	1271.6	1248.5	1216.6	1178.9	1138.6	1089.3	1031.6	967.8	897.8	834.4
70°	1585.2	1559.0	1524.3	1481.0	1438.5	1394.0	1341.2	1277.7	1203.3	1126.0	1055.3
67.5°	1952.1	1911.8	1862.8	1810.4	1757.6	1695.7	1624.8	1547.3	1470.5	1384.6	1287.7
65°	2386.3	2327.9	2256.8	2189.1	2115.3	2035.0	1944.3	1854.4	1760.4	1657.4	1534.4
62.5°	2863.6	2789.4	2692.7	2594.6	2494.5	2391.3	2280.2	2169.7	2057.5	1936.0	1797.6
60°	3369.4	3259.1	3147.9	3026.2	2894.0	2755.5	2629.2	2494.9	2353.0	2215.5	2063.7
57.5°	3930.2	3794.3	3649.2	3494.0	3329.8	3168.0	3004.5	2835.5	2675.0	2507.5	2335.6
55°	4551.9	4391.5	4209.2	4009.1	3802.0	3614.3	3409.8	3204.9	3011.6	2808.3	2618.9
52.5°	5214.1	5022.0	4810.7	4583.5	4347.8	4103.8	3855.3	3620.0	3368.4	3138.2	2909.4
50°	5896.9	5676.8	5433.2	5172.1	4910.0	4627.3	4343.0	4060.2	3775.0	3492.7	3218.5
47.5°	6590.4	6352.0	6081.3	5792.4	5492.2	5176.5	4853.0	4512.8	4197.4	3870.0	3558.5
45°	7352.5	7058.5	6755.1	6436.9	6093.8	5745.5	5382.4	5010.1	4630.6	4270.6	3905.3
42.5°	8119.3	7788.4	7437.5	7087.7	6713.5	6323.4	5918.4	5508.0	5091.0	4675.8	4276.7
40°	8882.9	8525.1	8142.4	7742.5	7334.5	6904.8	6461.4	6004.9	5552.0	5095.5	4643.9
37.5°	9664.1	9277.4	8862.9	8422.6	7965.4	7489.4	7001.6	6507.4	6008.0	5516.7	5026.9
35°	10465.3	10042.0	9584.6	9103.6	8600.5	8079.3	7544.2	7003.1	6465.8	5934.4	5403.8
32.5°	11259.2	10800.6	10307.6	9781.1	9227.2	8660.0	8084.7	7500.3	6912.3	6344.8	5779.7
30°	12060.0	11552.2	11017.8	10449.2	9848.6	9231.0	8607.7	7988.6	7362.0	6737.6	6139.7
27.5°	12844.5	12290.3	11709.7	11094.8	10453.2	9790.6	9121.0	8460.2	7791.8	7127.9	6483.3
25°	13608.0	13009.6	12369.2	11712.3	11032.1	10325.7	9606.1	8906.9	8209.0	7498.5	6791.6
22.5°	14342.8	13687.7	12997.4	12294.8	11579.2	10837.0	10069.5	9316.1	8593.9	7830.9	7092.1
20°	15020.4	14317.0	13579.9	12839.9	12083.1	11323.7	10501.3	9699.9	8923.0	8139.6	7364.6
17.5°	15621.6	14907.0	14133.7	13353.8	12548.0	11748.5	10904.9	10049.1	9225.9	8413.9	7604.3
15°	16151.4	15437.5	14654.5	13831.9	12971.7	12098.5	11246.6	10357.7	9502.0	8656.5	7826.1
12.5°	16632.7	15885.2	15103.2	14233.4	13320.1	12409.2	11523.2	10628.1	9747.5	8878.3	8025.5
10°	17064.7	16252.0	15424.6	14543.1	13611.7	12671.3	11759.0	10855.5	9956.4	9068.3	8190.0
7.5°	17360.6	16524.1	15669.1	14790.6	13857.8	12902.6	11962.9	11038.2	10119.3	9219.6	8318.2
5°	17579.2	16738.8	15881.1	14990.3	14048.9	13075.3	12113.2	11170.6	10235.3	9330.3	8409.6
2.5°	17747.0	16885.7	16025.9	15115.2	14172.5	13191.9	12220.8	11270.2	10327.3	9411.5	8490.4
0°	17866.0	16940.5	16109.2	15215.1	14250.4	13262.2	12289.7	11332.9	10383.9	9450.6	8533.0
-2.5°	17747.0	16885.7	16025.9	15115.2	14172.5	13191.9	12220.8	11270.2	10327.3	9411.5	8490.4
-5°	17579.2	16738.8	15881.1	14990.3	14048.9	13075.3	12113.2	11170.6	10235.3	9330.3	8409.6
-7.5°	17360.6	16524.1	15669.1	14790.6	13857.8	12902.6	11962.9	11038.2	10119.3	9219.6	8318.2
-10°	17064.7	16252.0	15424.6	14543.1	13611.7	12671.3	11759.0	10855.5	9956.4	9068.3	8190.0
-12.5°	16632.7	15885.2	15103.2	14233.4	13320.1	12409.2	11523.2	10628.1	9747.5	8878.3	8025.5
-15°	16151.4	15437.5	14654.5	13831.9	12971.7	12098.5	11246.6	10357.7	9502.0	8656.5	7826.1
-17.5°	15621.6	14907.0	14133.7	13353.8	12548.0	11748.5	10904.9	10049.1	9225.9	8413.9	7604.3
-20°	15020.4	14317.0	13579.9	12839.9	12083.1	11323.7	10501.3	9699.9	8923.0	8139.6	7364.6



REPORT NUMBER: P627971 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	14342.8	13687.7	12997.4	12294.8	11579.2	10837.0	10069.5	9316.1	8593.9	7830.9	7092.1
-25°	13608.0	13009.6	12369.2	11712.3	11032.1	10325.7	9606.1	8906.9	8209.0	7498.5	6791.6
-27.5°	12844.5	12290.3	11709.7	11094.8	10453.2	9790.6	9121.0	8460.2	7791.8	7127.9	6483.3
-30°	12060.0	11552.2	11017.8	10449.2	9848.6	9231.0	8607.7	7988.6	7362.0	6737.6	6139.7
-32.5°	11259.2	10800.6	10307.6	9781.1	9227.2	8660.0	8084.7	7500.3	6912.3	6344.8	5779.7
-35°	10465.3	10042.0	9584.6	9103.6	8600.5	8079.3	7544.2	7003.1	6465.8	5934.4	5403.8
-37.5°	9664.1	9277.4	8862.9	8422.6	7965.4	7489.4	7001.6	6507.4	6008.0	5516.7	5026.9
-40°	8882.9	8525.1	8142.4	7742.5	7334.5	6904.8	6461.4	6004.9	5552.0	5095.5	4643.9
-42.5°	8119.3	7788.4	7437.5	7087.7	6713.5	6323.4	5918.4	5508.0	5091.0	4675.8	4276.7
-45°	7352.5	7058.5	6755.1	6436.9	6093.8	5745.5	5382.4	5010.1	4630.6	4270.6	3905.3
-47.5°	6590.4	6352.0	6081.3	5792.4	5492.2	5176.5	4853.0	4512.8	4197.4	3870.0	3558.5
-50°	5896.9	5676.8	5433.2	5172.1	4910.0	4627.3	4343.0	4060.2	3775.0	3492.7	3218.5
-52.5°	5214.1	5022.0	4810.7	4583.5	4347.8	4103.8	3855.3	3620.0	3368.4	3138.2	2909.4
-55°	4551.9	4391.5	4209.2	4009.1	3802.0	3614.3	3409.8	3204.9	3011.6	2808.3	2618.9
-57.5°	3930.2	3794.3	3649.2	3494.0	3329.8	3168.0	3004.5	2835.5	2675.0	2507.5	2335.6
-60°	3369.4	3259.1	3147.9	3026.2	2894.0	2755.5	2629.2	2494.9	2353.0	2215.5	2063.7
-62.5°	2863.6	2789.4	2692.7	2594.6	2494.5	2391.3	2280.2	2169.7	2057.5	1936.0	1797.6
-65°	2386.3	2327.9	2256.8	2189.1	2115.3	2035.0	1944.3	1854.4	1760.4	1657.4	1534.4
-67.5°	1952.1	1911.8	1862.8	1810.4	1757.6	1695.7	1624.8	1547.3	1470.5	1384.6	1287.7
-70°	1585.2	1559.0	1524.3	1481.0	1438.5	1394.0	1341.2	1277.7	1203.3	1126.0	1055.3
-72.5°	1288.2	1271.6	1248.5	1216.6	1178.9	1138.6	1089.3	1031.6	967.8	897.8	834.4
-75°	1043.7	1036.4	1021.5	989.1	950.3	904.6	857.2	805.0	744.0	673.9	613.8
-77.5°	827.7	828.7	822.0	786.7	747.9	705.5	657.1	597.6	538.0	477.9	432.0
-80°	607.9	611.9	607.9	572.5	536.5	500.3	461.8	412.4	362.4	314.9	279.2
-82.5°	377.0	375.4	370.0	348.7	327.2	305.6	282.9	249.1	215.9	183.6	155.4
-85°	179.6	172.6	165.1	157.2	148.9	140.3	131.0	114.9	99.8	85.9	73.9
-87.5°	29.5	29.0	28.5	27.9	27.2	26.5	25.7	24.9	24.1	23.1	22.2
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627971 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-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°	22.5	22.7	22.7	22.5	20.0	17.6	15.4	13.3	12.0	10.7	9.4
85°	74.2	72.4	68.5	62.1	48.9	35.2	30.7	26.5	24.0	21.5	18.9
82.5°	154.9	156.4	156.3	151.7	133.9	115.1	95.4	75.1	55.6	35.4	28.3
80°	279.7	276.6	270.0	257.3	228.0	194.9	170.0	144.1	118.9	92.5	65.1
77.5°	422.8	410.7	395.9	379.2	348.1	311.6	269.6	222.0	181.8	149.3	115.6
75°	582.8	563.5	542.8	514.9	475.0	429.2	383.1	327.6	266.0	207.9	165.7
72.5°	783.4	736.9	695.3	656.1	612.8	561.7	502.9	431.4	356.6	285.9	219.6
70°	986.6	916.8	854.5	801.2	749.0	695.5	630.9	542.8	445.4	362.2	284.2
67.5°	1192.9	1110.4	1027.0	947.2	881.4	818.4	756.0	653.6	542.0	436.9	347.3
65°	1420.7	1310.5	1204.6	1105.9	1016.6	937.9	864.7	757.3	635.7	517.5	408.7
62.5°	1655.3	1514.7	1389.3	1263.5	1152.2	1056.5	968.6	850.1	725.3	595.5	472.8
60°	1901.9	1741.9	1575.1	1428.2	1291.8	1170.8	1064.2	941.6	809.2	670.5	536.5
57.5°	2161.6	1973.5	1786.1	1600.4	1436.6	1291.4	1157.4	1028.3	891.5	744.5	595.9
55°	2424.7	2222.0	2000.5	1791.1	1590.1	1417.4	1255.9	1111.5	971.1	817.3	647.1
52.5°	2688.1	2465.5	2227.7	1985.9	1760.9	1544.7	1364.3	1192.6	1044.3	888.4	700.4
50°	2963.7	2708.4	2453.7	2192.4	1930.8	1693.9	1468.9	1285.6	1115.4	955.9	751.0
47.5°	3250.5	2966.1	2682.5	2397.1	2116.5	1836.6	1591.1	1376.7	1184.1	1017.0	798.1
45°	3564.8	3232.2	2918.4	2609.7	2292.3	1990.8	1714.8	1463.8	1262.0	1064.6	841.5
42.5°	3878.9	3513.2	3162.5	2819.1	2476.4	2144.0	1832.0	1566.4	1336.5	1110.1	881.4
40°	4213.1	3795.1	3406.3	3033.7	2656.3	2289.8	1961.8	1666.4	1406.2	1157.4	919.2
37.5°	4538.0	4084.1	3656.8	3238.7	2832.4	2447.2	2086.7	1760.1	1472.4	1210.5	955.0
35°	4881.8	4374.4	3888.5	3445.0	3013.7	2596.4	2203.6	1854.6	1548.7	1262.2	988.7
32.5°	5214.0	4658.3	4137.2	3648.5	3186.9	2737.1	2323.9	1954.7	1621.9	1312.5	1020.3
30°	5540.6	4943.3	4375.4	3841.0	3354.6	2884.7	2444.4	2048.2	1692.0	1361.0	1051.9
27.5°	5841.5	5207.2	4603.8	4039.9	3519.5	3024.7	2558.4	2134.9	1758.4	1410.8	1088.6
25°	6121.9	5461.1	4829.0	4231.3	3672.5	3157.3	2663.3	2215.2	1826.1	1462.9	1122.7
22.5°	6385.0	5696.9	5033.1	4407.6	3814.2	3279.1	2765.5	2300.7	1890.1	1510.7	1153.9
20°	6624.1	5909.2	5215.8	4567.4	3952.1	3395.1	2863.9	2377.3	1947.3	1554.2	1182.0
17.5°	6839.5	6103.2	5390.2	4716.8	4080.5	3498.2	2951.3	2444.9	1997.6	1592.9	1206.7
15°	7039.4	6279.6	5544.4	4847.2	4191.7	3587.9	3027.4	2503.2	2040.7	1626.6	1230.3
12.5°	7211.3	6430.8	5675.2	4958.0	4285.3	3663.9	3091.7	2551.9	2076.4	1657.0	1252.4
10°	7352.8	6555.9	5782.0	5048.6	4361.0	3725.9	3144.0	2593.0	2110.0	1683.3	1269.5
7.5°	7462.9	6653.8	5864.3	5118.4	4421.1	3777.5	3188.5	2628.6	2137.0	1703.5	1281.4
5°	7546.4	6730.3	5935.9	5177.0	4476.3	3819.3	3220.9	2654.0	2156.6	1717.4	1288.2
2.5°	7620.6	6787.6	5992.2	5215.0	4513.9	3846.5	3240.4	2669.3	2168.5	1724.8	1289.8
0°	7662.4	6815.4	6023.3	5231.2	4533.2	3858.7	3246.9	2674.4	2172.5	1725.4	1286.2
-2.5°	7620.6	6787.6	5992.2	5215.0	4513.9	3846.5	3240.4	2669.3	2168.5	1724.8	1289.8
-5°	7546.4	6730.3	5935.9	5177.0	4476.3	3819.3	3220.9	2654.0	2156.6	1717.4	1288.2
-7.5°	7462.9	6653.8	5864.3	5118.4	4421.1	3777.5	3188.5	2628.6	2137.0	1703.5	1281.4
-10°	7352.8	6555.9	5782.0	5048.6	4361.0	3725.9	3144.0	2593.0	2110.0	1683.3	1269.5
-12.5°	7211.3	6430.8	5675.2	4958.0	4285.3	3663.9	3091.7	2551.9	2076.4	1657.0	1252.4
-15°	7039.4	6279.6	5544.4	4847.2	4191.7	3587.9	3027.4	2503.2	2040.7	1626.6	1230.3
-17.5°	6839.5	6103.2	5390.2	4716.8	4080.5	3498.2	2951.3	2444.9	1997.6	1592.9	1206.7
-20°	6624.1	5909.2	5215.8	4567.4	3952.1	3395.1	2863.9	2377.3	1947.3	1554.2	1182.0



REPORT NUMBER: P627971 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	6385.0	5696.9	5033.1	4407.6	3814.2	3279.1	2765.5	2300.7	1890.1	1510.7	1153.9
-25°	6121.9	5461.1	4829.0	4231.3	3672.5	3157.3	2663.3	2215.2	1826.1	1462.9	1122.7
-27.5°	5841.5	5207.2	4603.8	4039.9	3519.5	3024.7	2558.4	2134.9	1758.4	1410.8	1088.6
-30°	5540.6	4943.3	4375.4	3841.0	3354.6	2884.7	2444.4	2048.2	1692.0	1361.0	1051.9
-32.5°	5214.0	4658.3	4137.2	3648.5	3186.9	2737.1	2323.9	1954.7	1621.9	1312.5	1020.3
-35°	4881.8	4374.4	3888.5	3445.0	3013.7	2596.4	2203.6	1854.6	1548.7	1262.2	988.7
-37.5°	4538.0	4084.1	3656.8	3238.7	2832.4	2447.2	2086.7	1760.1	1472.4	1210.5	955.0
-40°	4213.1	3795.1	3406.3	3033.7	2656.3	2289.8	1961.8	1666.4	1406.2	1157.4	919.2
-42.5°	3878.9	3513.2	3162.5	2819.1	2476.4	2144.0	1832.0	1566.4	1336.5	1110.1	881.4
-45°	3564.8	3232.2	2918.4	2609.7	2292.3	1990.8	1714.8	1463.8	1262.0	1064.6	841.5
-47.5°	3250.5	2966.1	2682.5	2397.1	2116.5	1836.6	1591.1	1376.7	1184.1	1017.0	798.1
-50°	2963.7	2708.4	2453.7	2192.4	1930.8	1693.9	1468.9	1285.6	1115.4	955.9	751.0
-52.5°	2688.1	2465.5	2227.7	1985.9	1760.9	1544.7	1364.3	1192.6	1044.3	888.4	700.4
-55°	2424.7	2222.0	2000.5	1791.1	1590.1	1417.4	1255.9	1111.5	971.1	817.3	647.1
-57.5°	2161.6	1973.5	1786.1	1600.4	1436.6	1291.4	1157.4	1028.3	891.5	744.5	595.9
-60°	1901.9	1741.9	1575.1	1428.2	1291.8	1170.8	1064.2	941.6	809.2	670.5	536.5
-62.5°	1655.3	1514.7	1389.3	1263.5	1152.2	1056.5	968.6	850.1	725.3	595.5	472.8
-65°	1420.7	1310.5	1204.6	1105.9	1016.6	937.9	864.7	757.3	635.7	517.5	408.7
-67.5°	1192.9	1110.4	1027.0	947.2	881.4	818.4	756.0	653.6	542.0	436.9	347.3
-70°	986.6	916.8	854.5	801.2	749.0	695.5	630.9	542.8	445.4	362.2	284.2
-72.5°	783.4	736.9	695.3	656.1	612.8	561.7	502.9	431.4	356.6	285.9	219.6
-75°	582.8	563.5	542.8	514.9	475.0	429.2	383.1	327.6	266.0	207.9	165.7
-77.5°	422.8	410.7	395.9	379.2	348.1	311.6	269.6	222.0	181.8	149.3	115.6
-80°	279.7	276.6	270.0	257.3	228.0	194.9	170.0	144.1	118.9	92.5	65.1
-82.5°	154.9	156.4	156.3	151.7	133.9	115.1	95.4	75.1	55.6	35.4	28.3
-85°	74.2	72.4	68.5	62.1	48.9	35.2	30.7	26.5	24.0	21.5	18.9
-87.5°	22.5	22.7	22.7	22.5	20.0	17.6	15.4	13.3	12.0	10.7	9.4
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627971 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-U-VWR-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°	8.1	6.8	5.5	4.1	2.7	1.2	0.0
85°	16.2	13.6	10.9	8.2	5.5	2.4	0.0
82.5°	24.3	20.3	16.3	12.3	8.2	3.6	0.0
80°	36.6	27.1	21.7	16.3	10.9	4.8	0.0
77.5°	79.6	42.4	27.1	20.3	13.5	5.9	0.0
75°	121.7	73.3	35.2	24.3	16.1	7.1	0.0
72.5°	162.4	103.4	56.1	28.3	18.6	8.2	0.0
70°	203.1	132.4	76.4	33.8	21.1	9.3	0.0
67.5°	252.0	160.1	95.8	46.3	23.5	10.4	0.0
65°	298.7	191.2	114.4	58.4	25.9	11.4	0.0
62.5°	343.1	225.3	132.0	69.8	28.1	12.5	0.0
60°	384.9	257.5	148.5	80.7	30.3	13.5	0.0
57.5°	428.9	287.7	170.5	90.9	36.4	14.4	0.0
55°	470.6	315.9	191.5	100.4	42.4	15.3	0.0
52.5°	509.3	342.6	211.1	109.2	48.1	16.2	0.0
50°	544.6	371.0	229.1	117.2	53.6	17.0	0.0
47.5°	577.8	396.9	245.5	125.6	58.8	17.8	0.0
45°	614.7	420.3	260.2	136.5	63.8	18.6	0.0
42.5°	648.5	441.1	273.3	146.3	68.5	19.3	0.0
40°	679.2	459.2	286.5	156.4	72.9	19.9	0.0
37.5°	706.6	474.7	299.5	166.4	77.1	20.5	0.0
35°	730.8	492.7	310.7	175.7	80.9	21.1	0.0
32.5°	753.3	510.6	320.0	184.3	84.5	21.6	0.0
30°	776.6	525.9	327.5	192.1	87.7	22.1	0.0
27.5°	797.5	538.6	338.7	199.2	90.6	22.5	0.0
25°	815.9	548.7	349.2	205.6	93.3	22.8	0.0
22.5°	831.7	558.8	358.5	211.2	95.6	23.1	0.0
20°	844.7	572.7	366.5	216.0	97.5	23.4	0.0
17.5°	861.0	584.0	373.2	220.1	99.2	23.5	0.0
15°	877.9	592.9	378.6	223.4	100.5	23.7	0.0
12.5°	891.7	599.2	382.7	226.0	101.6	23.8	0.0
10°	902.2	603.2	385.5	227.7	102.3	23.8	0.0
7.5°	909.4	604.8	387.1	228.8	102.7	23.8	0.0
5°	913.1	604.1	387.4	229.1	102.8	23.8	0.0
2.5°	913.2	601.1	386.5	228.6	102.5	23.6	0.0
0°	909.8	596.1	384.3	227.4	102.0	23.5	0.0
-2.5°	913.2	601.1	386.5	228.6	102.5	23.6	0.0
-5°	913.1	604.1	387.4	229.1	102.8	23.8	0.0
-7.5°	909.4	604.8	387.1	228.8	102.7	23.8	0.0
-10°	902.2	603.2	385.5	227.7	102.3	23.8	0.0
-12.5°	891.7	599.2	382.7	226.0	101.6	23.8	0.0
-15°	877.9	592.9	378.6	223.4	100.5	23.7	0.0
-17.5°	861.0	584.0	373.2	220.1	99.2	23.5	0.0
-20°	844.7	572.7	366.5	216.0	97.5	23.4	0.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627971 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA6E-722-U-VWR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	831.7	558.8	358.5	211.2	95.6	23.1	0.0
-25°	815.9	548.7	349.2	205.6	93.3	22.8	0.0
-27.5°	797.5	538.6	338.7	199.2	90.6	22.5	0.0
-30°	776.6	525.9	327.5	192.1	87.7	22.1	0.0
-32.5°	753.3	510.6	320.0	184.3	84.5	21.6	0.0
-35°	730.8	492.7	310.7	175.7	80.9	21.1	0.0
-37.5°	706.6	474.7	299.5	166.4	77.1	20.5	0.0
-40°	679.2	459.2	286.5	156.4	72.9	19.9	0.0
-42.5°	648.5	441.1	273.3	146.3	68.5	19.3	0.0
-45°	614.7	420.3	260.2	136.5	63.8	18.6	0.0
-47.5°	577.8	396.9	245.5	125.6	58.8	17.8	0.0
-50°	544.6	371.0	229.1	117.2	53.6	17.0	0.0
-52.5°	509.3	342.6	211.1	109.2	48.1	16.2	0.0
-55°	470.6	315.9	191.5	100.4	42.4	15.3	0.0
-57.5°	428.9	287.7	170.5	90.9	36.4	14.4	0.0
-60°	384.9	257.5	148.5	80.7	30.3	13.5	0.0
-62.5°	343.1	225.3	132.0	69.8	28.1	12.5	0.0
-65°	298.7	191.2	114.4	58.4	25.9	11.4	0.0
-67.5°	252.0	160.1	95.8	46.3	23.5	10.4	0.0
-70°	203.1	132.4	76.4	33.8	21.1	9.3	0.0
-72.5°	162.4	103.4	56.1	28.3	18.6	8.2	0.0
-75°	121.7	73.3	35.2	24.3	16.1	7.1	0.0
-77.5°	79.6	42.4	27.1	20.3	13.5	5.9	0.0
-80°	36.6	27.1	21.7	16.3	10.9	4.8	0.0
-82.5°	24.3	20.3	16.3	12.3	8.2	3.6	0.0
-85°	16.2	13.6	10.9	8.2	5.5	2.4	0.0
-87.5°	8.1	6.8	5.5	4.1	2.7	1.2	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)