

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: P627280 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627280 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2210-813-18)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3E-735-U-VWR-VSR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, VERY WIDE SYMMETRICAL ROUND N7 WITH VISOR
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	19554.1 lumens	Max Intensity:	14652.4 candela
Efficiency:	N/A	Max Intensity Angle:	-2.5°H x -2.5°V
Efficacy:	105.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	63.9°H x 69.6°V	Field Angle (10%):	112.5°H x 117.1°V
Beam Lumens:	11313.4 lumens	Field Lumens:	18555.6 lumens
Beam Efficiency:	57.9%	Field Efficiency:	94.9%
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		



Classified

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

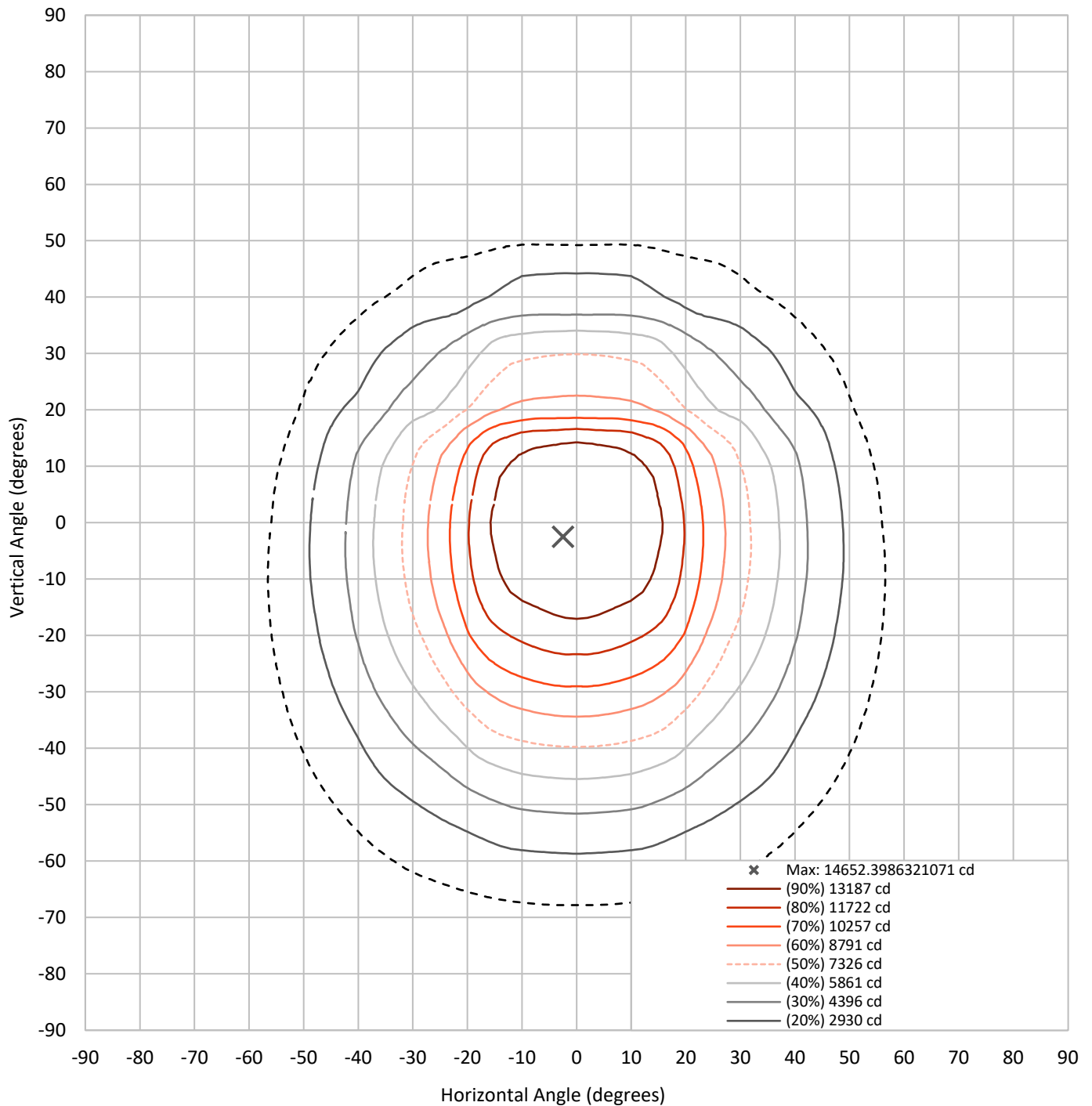
Scaled Data Report



REPORT NUMBER: P627280 (CONVERTED FROM TYPE C PHOTOMETRY)

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

Iso-Candela Plot

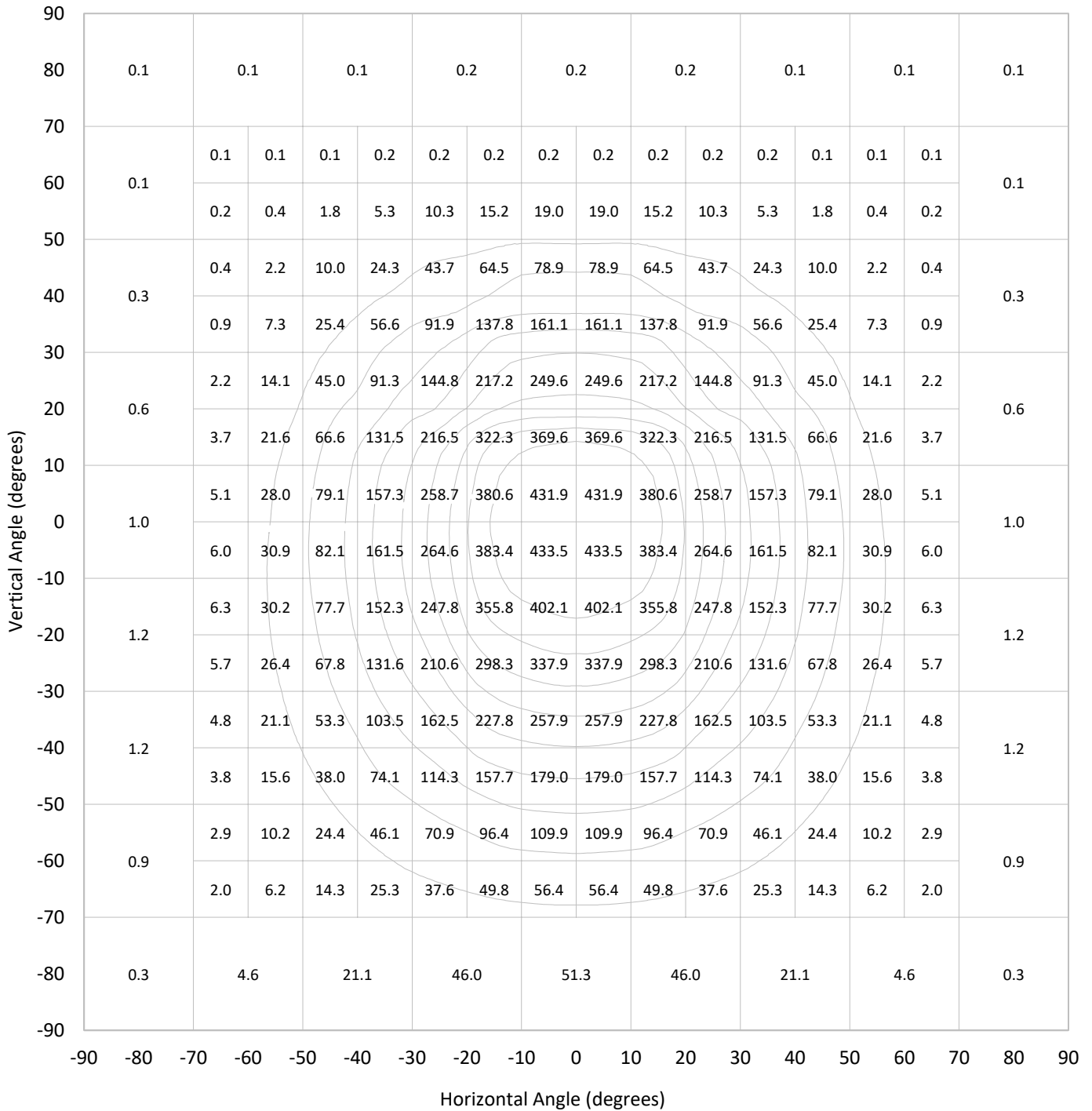




REPORT NUMBER: P627280 (CONVERTED FROM TYPE C PHOTOMETRY)

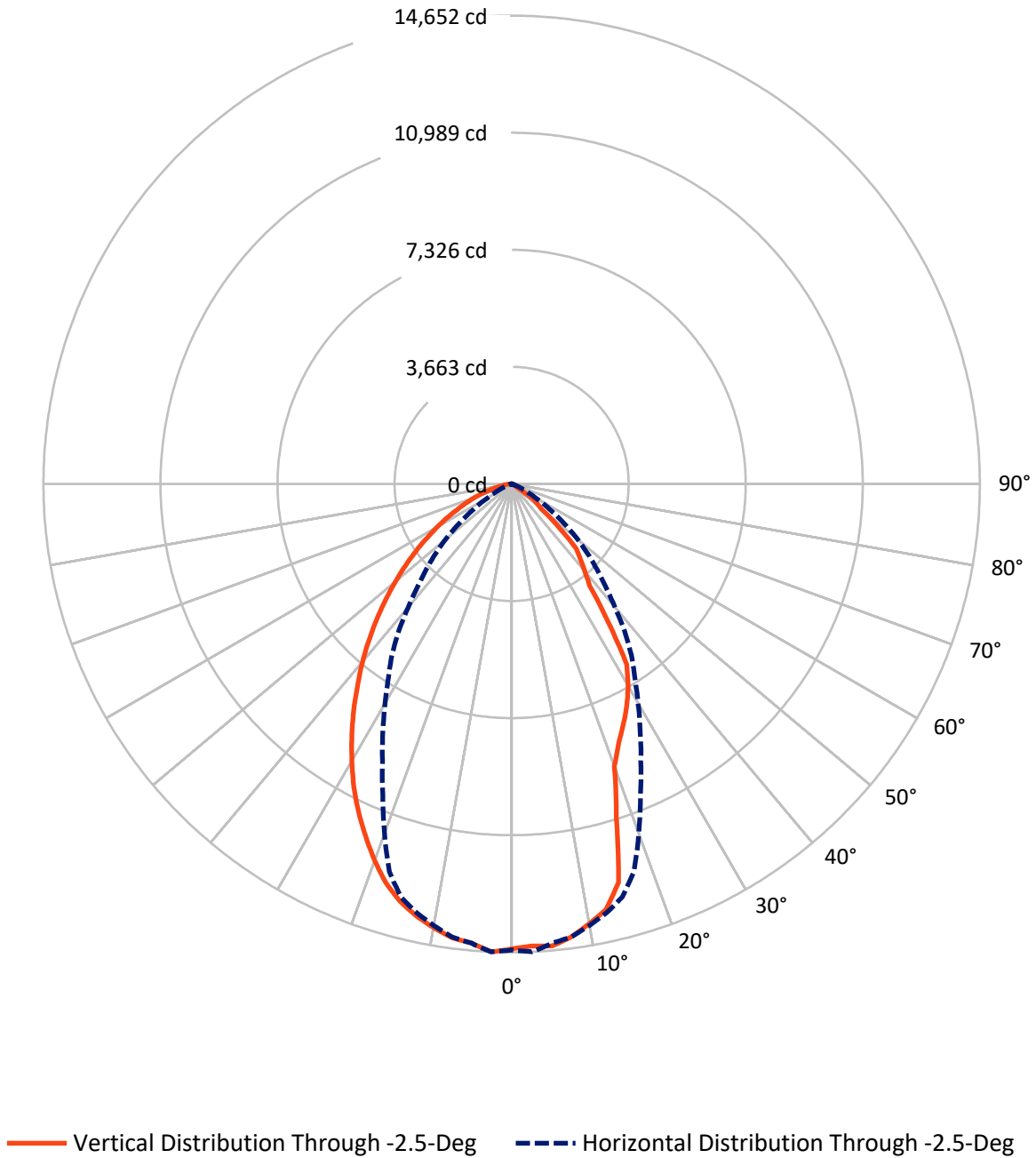
CATALOG NUMBER: GFLD-SA3E-735-U-VWR-VSR-XX

Lumen Table



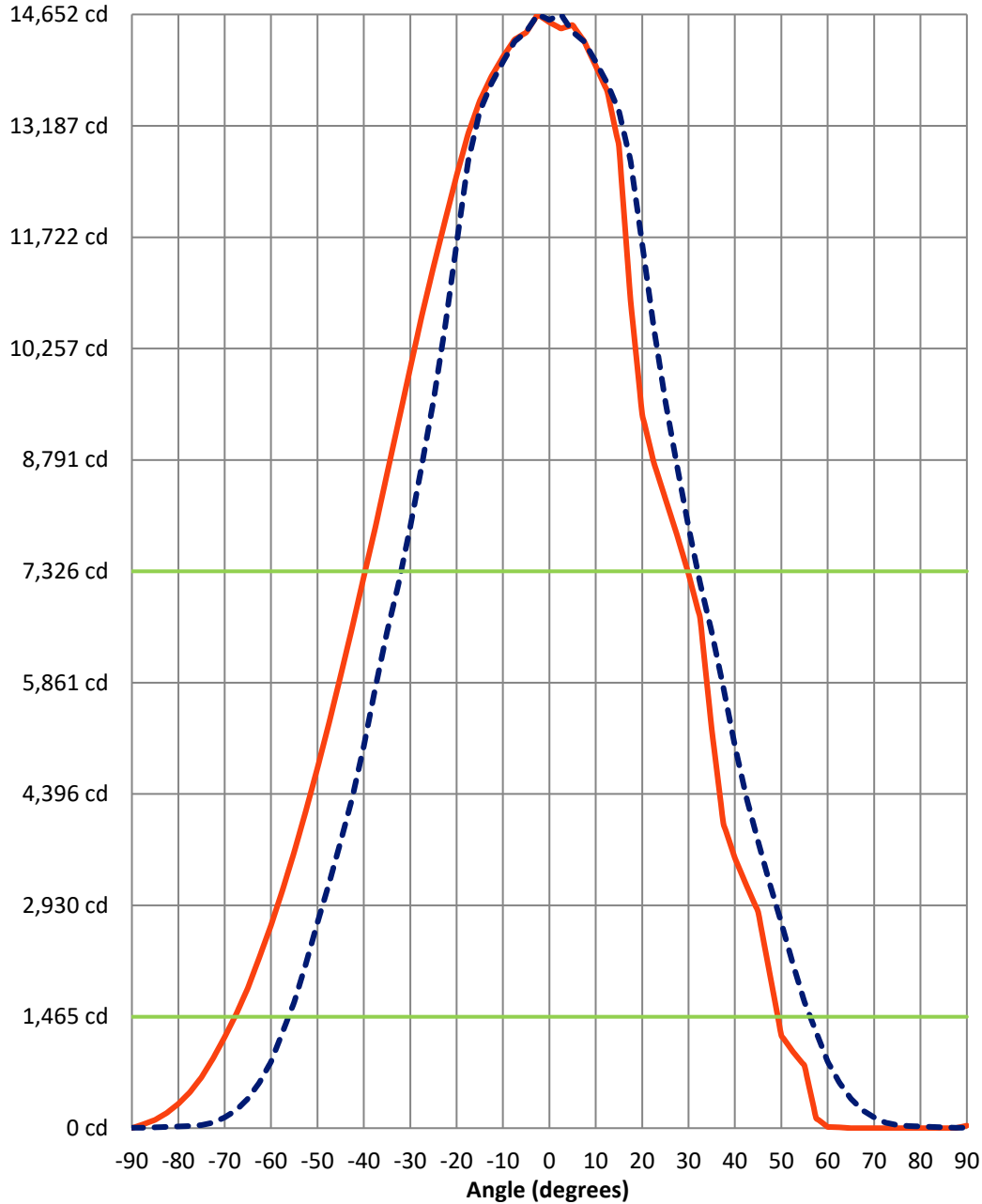
REPORT NUMBER: P627280 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA3E-735-U-VWR-VSR-XX

Luminous Intensity Polar Plot



REPORT NUMBER: P627280 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-U-VWR-VSR-XX

Luminous Intensity Plot



Beam:
 H Angle: 63.9°
 V Angle: 69.6°
 Lumens: 11313.4
 Efficiency: 57.9%

Field:
 H Angle: 112.5°
 V Angle: 117.1°
 Lumens: 18555.6
 Efficiency: 94.9%

Spill:
 Lumens: 998.5
 Efficiency: 5.1%

- Vertical Distribution through -2.5-Deg
- - Horizontal Distribution through -2.5-Deg

Classified

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

Scaled Data Report



REPORT NUMBER: P627280 (CONVERTED FROM TYPE C PHOTOMETRY)

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

FIELD
BEAM

CANDELA DISTRIBUTION:

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	5.5	5.5	5.5	6.8	8.2	9.6	10.9	12.3	13.7	15.0	16.4
87.5°	5.5	5.5	5.5	5.3	5.0	4.6	4.1	2.9	1.8	0.9	0.0
85°	5.5	5.5	5.5	5.1	4.6	3.7	2.7	1.7	0.9	0.3	0.0
82.5°	5.5	5.5	5.5	5.0	4.1	2.9	1.3	0.4	0.1	0.8	1.5
80°	5.5	5.5	5.5	4.8	3.7	2.0	0.3	1.1	2.0	2.9	3.8
77.5°	5.5	5.5	5.5	4.7	3.2	1.8	1.7	2.7	3.8	5.0	5.0
75°	5.5	5.5	5.5	4.5	3.0	2.7	3.1	4.3	5.4	4.5	2.9
72.5°	5.5	5.5	5.5	4.4	3.5	3.6	4.4	5.4	4.7	3.2	1.0
70°	5.5	5.5	5.5	4.4	4.0	4.4	5.5	5.2	4.0	2.1	2.5
67.5°	5.5	5.5	5.5	4.6	4.4	5.1	5.7	5.1	3.6	4.2	4.9
65°	5.5	5.5	5.5	4.8	4.8	5.7	5.9	5.0	5.5	6.4	6.8
62.5°	5.5	5.5	5.5	4.9	5.2	6.1	6.2	6.2	7.4	8.3	7.6
60°	5.5	5.5	5.5	5.1	5.5	6.6	6.5	7.8	9.2	9.5	8.6
57.5°	5.5	5.5	5.6	5.2	6.0	7.1	7.8	9.4	10.8	11.0	10.7
55°	5.5	5.5	5.6	5.3	6.5	7.7	9.2	11.0	12.5	12.7	13.3
52.5°	5.5	5.5	5.7	5.4	7.1	8.4	10.5	12.6	14.2	15.0	15.9
50°	5.5	5.5	5.9	5.5	7.7	9.5	11.8	14.2	16.2	17.4	18.4
47.5°	5.5	5.5	6.0	5.6	8.3	10.6	13.2	15.7	18.3	19.7	21.0
45°	5.5	5.5	6.2	6.1	9.0	11.6	14.4	17.2	20.2	22.0	23.5
42.5°	5.5	5.5	6.3	6.6	9.7	12.7	15.7	18.9	22.2	24.2	28.5
40°	5.5	5.5	6.5	7.3	10.4	13.7	16.9	20.8	24.4	26.5	34.1
37.5°	5.5	5.5	6.7	8.0	11.2	14.7	18.1	22.7	26.7	30.1	39.8
35°	5.5	5.5	7.0	8.7	12.0	15.6	19.3	24.7	29.1	37.0	50.6
32.5°	5.5	5.5	7.2	9.4	12.7	16.6	20.5	26.7	31.6	45.1	72.2
30°	5.5	5.5	7.5	10.1	13.4	17.4	22.2	28.8	34.2	54.3	93.2
27.5°	5.5	5.5	7.7	10.7	14.3	18.3	23.8	30.9	38.7	64.6	113.5
25°	5.5	5.5	8.0	11.4	15.1	19.1	25.4	33.1	46.6	79.6	133.5
22.5°	5.5	5.5	8.3	12.0	16.0	19.9	27.0	35.2	55.0	96.0	159.8
20°	5.5	5.5	8.6	12.6	16.8	20.9	28.6	37.4	63.6	111.6	185.9
17.5°	5.5	5.5	8.9	13.1	17.5	21.9	30.1	39.5	72.5	126.3	211.7
15°	5.5	5.5	9.2	13.7	18.3	22.8	31.7	42.3	81.3	140.1	236.6
12.5°	5.5	5.5	9.5	14.2	19.0	23.7	33.1	46.1	91.2	152.9	260.6
10°	5.5	5.5	9.8	14.7	19.6	24.5	34.3	50.1	101.6	167.8	284.5
7.5°	5.5	5.5	10.1	15.2	20.3	25.3	35.5	54.1	111.5	182.2	309.8
5°	5.5	5.5	10.4	15.6	20.8	26.0	36.6	58.1	120.8	195.7	333.0
2.5°	5.5	5.5	10.7	16.0	21.4	26.7	37.5	62.0	129.2	207.9	353.8
0°	5.5	5.5	10.9	16.4	21.9	27.3	38.3	65.6	136.7	218.8	371.9
-2.5°	5.5	5.5	10.9	16.4	22.4	27.9	40.4	72.3	142.1	236.1	388.2
-5°	5.5	5.5	10.9	16.3	22.8	28.4	42.4	78.4	146.5	251.2	401.5
-7.5°	5.5	5.5	10.8	16.3	23.1	28.9	44.1	83.8	149.9	263.6	412.0
-10°	5.5	5.5	10.7	16.1	23.3	29.3	45.5	88.2	152.5	272.5	419.6
-12.5°	5.5	5.5	10.6	16.0	23.5	29.7	46.5	91.5	154.2	277.2	425.6
-15°	5.5	5.5	10.5	15.8	23.6	30.0	47.2	93.5	157.4	276.7	427.8
-17.5°	5.5	5.5	10.4	15.6	23.5	30.2	47.4	95.5	162.2	273.9	425.1
-20°	5.5	5.5	10.2	15.4	23.4	30.4	48.7	97.4	165.2	268.9	417.3

Classified

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

Scaled Data Report



REPORT NUMBER: P627280 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	5.5	5.5	10.1	15.1	23.1	30.5	51.8	98.3	166.6	261.7	404.1
-25°	5.5	5.5	9.9	14.8	22.7	32.5	54.4	98.0	166.1	252.4	385.2
-27.5°	5.5	5.5	9.7	14.5	22.1	35.1	56.3	96.5	163.7	244.5	371.3
-30°	5.5	5.5	9.5	14.2	21.6	37.2	57.7	93.8	160.7	240.9	355.8
-32.5°	5.5	5.5	9.2	13.8	22.4	39.1	58.4	94.0	156.8	234.9	338.2
-35°	5.5	5.5	8.9	13.4	23.0	40.5	60.0	94.5	151.3	226.4	318.7
-37.5°	5.5	5.5	8.7	13.0	23.4	41.4	61.6	94.1	144.3	215.5	310.0
-40°	5.5	5.5	8.4	12.5	23.5	41.7	62.6	92.9	135.8	204.9	300.3
-42.5°	5.5	5.5	8.1	12.3	23.7	41.7	62.9	90.7	130.9	196.5	285.4
-45°	5.5	5.5	7.7	12.3	23.8	41.4	62.6	88.8	127.4	186.0	266.7
-47.5°	5.5	5.5	7.4	12.2	23.7	40.8	61.6	87.5	122.8	173.4	252.0
-50°	5.5	5.5	7.0	12.1	23.2	39.9	60.3	85.3	119.2	169.0	234.4
-52.5°	5.5	5.5	6.7	11.9	22.5	38.7	58.7	82.3	116.1	163.0	215.6
-55°	5.5	5.5	6.3	11.5	21.5	37.1	56.6	78.6	112.3	155.6	206.6
-57.5°	5.5	5.5	5.9	11.1	20.3	35.1	54.1	75.3	107.0	147.8	195.9
-60°	5.5	5.5	5.5	10.6	18.9	32.7	51.1	71.6	100.3	138.6	183.7
-62.5°	5.5	5.5	5.5	10.1	17.9	29.9	47.0	66.8	92.0	127.6	169.4
-65°	5.5	5.5	5.5	9.4	16.7	26.8	42.4	60.5	81.9	113.3	153.1
-67.5°	5.5	5.5	5.5	8.7	15.4	24.0	37.2	53.1	70.3	96.4	131.5
-70°	5.5	5.5	5.5	7.9	14.0	21.8	31.7	45.2	60.2	77.8	106.3
-72.5°	5.5	5.5	5.5	7.7	12.5	19.5	28.0	37.0	49.7	64.5	81.4
-75°	5.5	5.5	5.5	7.7	10.9	17.0	24.4	31.2	38.7	50.8	64.7
-77.5°	5.5	5.5	5.5	7.6	10.3	14.3	20.6	26.2	32.1	38.5	47.5
-80°	5.5	5.5	5.5	7.5	10.0	12.9	16.7	21.1	25.9	31.0	36.6
-82.5°	5.5	5.5	5.5	7.3	9.6	12.1	15.0	17.1	19.5	23.4	27.6
-85°	5.5	5.5	5.5	7.2	9.1	11.3	13.7	15.5	17.4	19.2	21.0
-87.5°	5.5	5.5	5.5	7.0	8.7	10.4	12.3	13.9	15.5	17.1	18.7
-90°	5.5	5.5	5.5	5.5	5.5	5.5	5.5	4.1	2.7	1.4	0.0



REPORT NUMBER: P627280 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	17.8	19.2	20.5
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	1.6	1.4	0.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	3.6	2.9	1.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	3.1	1.6	0.6	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1.2	0.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.9	1.6	1.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	3.1	3.4	2.3	0.9	0.0	0.3	0.8	0.6	0.0	0.3	0.7
67.5°	5.1	3.8	2.5	1.5	2.1	2.8	2.6	2.8	3.0	3.3	2.8
65°	5.4	4.1	4.1	4.8	5.4	5.9	6.4	6.8	5.7	5.0	5.1
62.5°	5.7	6.2	7.1	8.0	8.8	9.5	9.6	8.5	6.5	8.1	9.3
60°	8.1	8.9	10.1	11.2	12.2	12.8	12.3	12.4	13.8	16.0	30.7
57.5°	11.0	11.7	13.0	14.8	16.3	16.5	17.0	18.5	43.4	70.8	78.2
55°	13.8	14.4	16.7	19.4	21.0	20.9	30.0	63.3	95.5	132.2	145.8
52.5°	16.6	17.8	21.7	25.0	27.1	42.2	76.0	121.1	168.7	210.9	265.5
50°	19.4	23.4	27.5	32.3	51.5	90.9	140.3	201.9	273.6	341.0	410.2
47.5°	24.3	29.3	35.5	50.9	101.5	156.2	224.6	323.7	412.0	493.7	588.4
45°	30.1	40.4	47.3	100.8	159.5	230.1	345.9	467.1	547.2	656.5	824.3
42.5°	36.0	56.0	90.4	152.2	223.8	337.6	481.3	584.5	691.2	868.4	1044.7
40°	51.9	75.1	136.3	209.9	300.6	466.6	614.0	730.8	876.6	1073.0	1257.1
37.5°	71.1	114.5	183.2	271.5	421.1	603.0	760.9	927.8	1095.3	1280.5	1622.0
35°	92.4	151.2	242.6	361.7	541.7	754.3	942.5	1129.1	1322.1	1686.8	2025.6
32.5°	120.2	185.0	304.7	466.6	672.0	905.4	1123.9	1339.6	1649.2	2061.8	2401.9
30°	150.1	239.2	376.2	563.7	794.8	1043.8	1306.5	1567.6	1977.4	2318.9	2688.0
27.5°	181.4	296.5	460.0	665.1	909.7	1174.4	1470.9	1843.4	2208.9	2546.3	2951.9
25°	213.5	356.2	536.7	762.1	1022.7	1315.5	1656.6	2110.3	2396.2	2769.1	3192.2
22.5°	254.8	413.3	612.6	850.0	1127.5	1460.6	1895.5	2351.1	2687.6	3001.2	3414.6
20°	302.6	477.5	695.1	960.1	1230.1	1602.3	2133.1	2612.3	3008.1	3367.2	3746.8
17.5°	347.2	537.6	783.4	1072.6	1379.4	1783.8	2366.2	2896.5	3332.1	3732.2	4206.2
15°	388.5	593.2	869.9	1179.0	1526.3	1991.8	2575.2	3157.7	3655.0	4105.2	4643.9
12.5°	426.2	643.9	953.2	1278.6	1664.5	2171.1	2750.8	3319.2	3865.8	4452.6	5063.9
10°	460.2	689.6	1031.9	1370.6	1792.7	2322.8	2895.8	3454.0	4005.5	4626.4	5305.5
7.5°	496.7	732.3	1103.3	1454.2	1909.3	2448.0	3011.6	3562.1	4118.2	4765.3	5462.6
5°	530.5	771.6	1160.1	1514.1	1999.4	2545.8	3098.8	3644.2	4203.9	4868.9	5581.6
2.5°	560.1	804.6	1206.3	1561.0	2066.2	2617.7	3155.4	3712.6	4267.4	4953.1	5672.4
0°	585.3	831.4	1241.6	1597.1	2116.7	2669.2	3188.8	3757.6	4304.6	5010.2	5732.2
-2.5°	601.4	875.3	1265.8	1660.0	2160.8	2702.9	3218.6	3770.2	4344.6	5028.2	5799.2
-5°	612.7	910.9	1280.4	1708.5	2189.7	2717.8	3228.4	3760.5	4355.3	5023.7	5809.1
-7.5°	619.3	936.0	1287.3	1736.1	2199.9	2708.8	3211.8	3742.0	4337.8	5006.5	5765.7
-10°	623.1	943.8	1296.6	1727.8	2186.5	2679.5	3174.8	3698.6	4288.2	4950.6	5683.2
-12.5°	633.3	938.8	1295.0	1709.4	2157.8	2635.2	3120.0	3629.7	4205.5	4855.2	5569.1
-15°	635.9	927.5	1279.4	1682.3	2113.8	2577.3	3048.1	3535.4	4103.6	4762.2	5442.9
-17.5°	630.1	910.5	1249.1	1647.8	2054.9	2507.0	2963.5	3450.5	4008.0	4655.0	5310.4
-20°	615.5	888.4	1203.3	1607.0	1985.1	2429.0	2878.8	3361.3	3898.0	4506.2	5162.2



REPORT NUMBER: P627280 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	591.5	861.8	1153.8	1550.0	1924.7	2339.4	2779.5	3239.9	3760.3	4313.2	4962.8
-25°	566.8	831.7	1114.8	1471.8	1852.1	2234.7	2665.4	3091.4	3598.4	4141.5	4717.9
-27.5°	543.3	789.6	1074.2	1386.1	1766.6	2123.0	2536.5	2951.9	3416.4	3948.7	4479.4
-30°	512.6	744.2	1024.7	1303.7	1664.4	2017.7	2392.6	2801.5	3219.1	3724.3	4246.5
-32.5°	485.5	697.0	968.3	1240.9	1554.6	1899.1	2237.5	2627.2	3034.8	3465.5	3981.5
-35°	467.4	669.1	908.6	1168.4	1442.5	1770.2	2092.0	2430.6	2825.4	3229.5	3682.6
-37.5°	452.7	637.0	845.7	1092.8	1353.7	1634.9	1936.2	2247.8	2592.2	2999.7	3425.7
-40°	429.6	600.9	799.1	1020.8	1251.0	1506.7	1786.4	2068.4	2367.0	2765.0	3185.3
-42.5°	400.0	565.9	755.2	942.4	1152.7	1386.2	1634.7	1900.3	2187.3	2533.0	2919.4
-45°	377.2	521.2	706.4	874.0	1048.2	1261.7	1495.1	1735.6	2006.3	2303.1	2650.2
-47.5°	348.3	472.6	642.6	799.2	952.6	1134.9	1348.4	1576.0	1815.8	2083.2	2367.6
-50°	317.3	432.0	564.4	717.0	863.2	1014.8	1196.9	1407.4	1625.0	1858.1	2111.8
-52.5°	293.9	384.5	505.4	632.4	771.8	909.3	1064.3	1244.9	1439.1	1633.9	1857.1
-55°	267.3	349.6	449.2	563.1	681.7	809.0	950.1	1108.3	1266.7	1445.6	1623.7
-57.5°	248.6	316.0	402.3	501.2	607.8	715.9	849.2	982.9	1129.5	1277.6	1425.4
-60°	234.0	287.0	358.6	445.7	540.7	641.8	751.1	874.6	1000.9	1121.8	1249.5
-62.5°	217.3	263.4	319.4	390.4	476.3	564.2	660.5	766.3	880.5	982.3	1081.3
-65°	195.7	235.7	283.8	341.6	409.0	483.3	565.4	654.6	753.3	835.9	916.8
-67.5°	170.8	204.6	244.9	292.1	348.3	406.3	466.5	541.9	622.1	689.5	755.4
-70°	139.6	170.8	203.7	242.3	286.3	335.5	388.5	443.2	498.1	553.1	613.4
-72.5°	106.9	135.2	163.2	190.7	225.8	266.1	309.3	355.2	403.1	450.1	495.9
-75°	81.5	99.9	124.3	149.0	173.4	199.7	228.9	265.5	309.9	355.6	397.5
-77.5°	61.5	77.0	93.2	110.2	125.6	145.0	166.1	188.8	225.6	267.7	310.3
-80°	44.4	53.7	66.6	80.2	91.1	101.7	112.8	124.3	151.6	185.6	221.9
-82.5°	33.0	39.3	46.4	54.4	59.8	65.2	71.1	78.7	98.9	121.9	146.1
-85°	22.7	24.5	28.4	32.8	35.9	39.0	42.1	45.4	56.3	68.6	81.7
-87.5°	19.6	20.5	21.5	22.6	23.0	23.4	23.8	24.1	27.8	31.7	35.7
-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: P627280 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	21.9	23.3	24.6	26.0	27.3	28.7	30.1	31.4	32.8	32.8	32.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.5	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2.5	2.8	2.9	2.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	5.8	5.5	4.1	2.7	1.3	2.1	3.3	3.9	4.0	3.6	2.8
62.5°	8.7	8.0	7.2	8.3	9.9	11.5	11.0	10.4	9.7	9.2	9.5
60°	32.3	21.5	24.9	31.3	29.2	20.0	32.9	37.3	31.7	21.7	21.0
57.5°	82.0	79.1	90.6	132.4	145.7	132.8	158.6	192.6	191.6	165.0	164.2
55°	174.7	234.4	306.4	318.1	368.2	468.7	546.9	512.7	512.4	538.2	621.3
52.5°	331.8	388.1	409.1	465.1	569.9	645.9	694.8	745.4	800.8	857.4	914.8
50°	486.9	541.6	603.7	661.0	806.1	884.1	871.1	975.9	1110.0	1193.8	1236.8
47.5°	714.2	800.4	931.6	1137.2	1245.5	1323.8	1421.1	1539.8	1693.4	1901.8	2062.4
45°	981.8	1117.4	1320.4	1538.8	1706.9	1783.4	1894.8	2078.6	2323.6	2562.1	2736.3
42.5°	1200.6	1386.5	1615.6	1824.3	1961.3	2087.0	2231.3	2386.2	2666.8	2921.6	3122.9
40°	1486.0	1630.9	1887.8	2084.5	2207.2	2331.9	2560.4	2792.5	3056.3	3293.7	3458.7
37.5°	1847.8	2010.8	2278.1	2500.6	2618.8	2662.8	3051.5	3374.5	3588.9	3891.9	3991.0
35°	2236.5	2504.8	2845.4	3133.9	3249.7	3480.9	3881.2	4331.9	4820.1	4999.7	5152.8
32.5°	2670.2	3001.2	3463.3	3772.9	3938.1	4288.9	4795.6	5276.6	5915.1	6261.6	6365.2
30°	3066.9	3446.7	3843.9	4144.8	4427.3	4849.8	5311.9	5905.0	6495.4	6938.4	7076.0
27.5°	3358.0	3778.3	4160.1	4441.9	4760.7	5216.2	5792.4	6393.0	6972.5	7424.5	7585.1
25°	3635.9	4110.9	4413.3	4740.9	5115.3	5611.7	6250.2	6917.6	7488.3	7870.3	8067.4
22.5°	3952.0	4420.4	4744.9	5022.5	5511.9	6084.0	6676.7	7430.7	8035.5	8340.3	8553.9
20°	4278.2	4808.2	5309.5	5567.7	5991.2	6715.5	7379.0	8090.9	8674.8	8992.5	9217.5
17.5°	4733.4	5408.8	6023.7	6389.2	6842.8	7708.8	8536.7	9256.8	10069.2	10356.1	10631.0
15°	5213.4	5995.1	6715.4	7294.6	7880.4	8738.5	9804.2	10673.2	11600.1	12014.1	12482.1
12.5°	5691.9	6431.6	7084.2	7831.3	8657.0	9416.0	10430.6	11512.8	12353.9	12881.8	13196.9
10°	6049.5	6736.5	7364.5	8113.4	8937.6	9796.2	10804.4	11913.7	12794.2	13244.7	13501.9
7.5°	6242.6	6900.1	7562.5	8321.4	9141.9	10056.3	11095.1	12195.7	13096.0	13532.5	13786.4
5°	6386.0	7017.5	7703.4	8502.2	9331.8	10259.0	11296.4	12383.8	13204.8	13668.6	13989.7
2.5°	6472.7	7091.9	7793.1	8619.1	9450.7	10416.4	11503.8	12631.1	13349.4	13722.6	14017.9
0°	6497.9	7121.5	7843.5	8680.3	9533.6	10507.2	11584.7	12700.5	13427.9	13788.9	14089.8
-2.5°	6526.2	7168.3	7910.0	8720.0	9566.0	10536.8	11636.7	12724.0	13378.4	13742.6	14028.8
-5°	6506.5	7171.9	7911.4	8687.2	9538.8	10501.8	11557.7	12574.3	13258.9	13652.7	13937.3
-7.5°	6447.6	7122.5	7854.4	8599.9	9435.3	10409.3	11460.7	12439.7	13133.2	13548.4	13859.8
-10°	6362.0	7017.1	7754.1	8509.1	9334.5	10261.7	11296.9	12270.0	12933.7	13374.6	13737.6
-12.5°	6267.0	6908.6	7618.9	8343.2	9159.4	10075.2	11078.2	11999.4	12659.2	13140.1	13399.4
-15°	6126.3	6767.5	7446.6	8147.1	8942.8	9831.1	10789.3	11673.1	12321.0	12712.3	12998.9
-17.5°	5947.3	6576.4	7220.2	7884.7	8634.3	9509.2	10473.2	11344.8	11872.9	12222.5	12504.1
-20°	5755.7	6337.4	6947.3	7574.3	8300.9	9167.6	10114.3	10874.5	11372.3	11708.2	11974.2



REPORT NUMBER: P627280 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5536.7	6096.9	6655.2	7254.6	7967.0	8761.6	9597.9	10332.5	10867.7	11173.6	11419.4
-25°	5286.7	5831.8	6361.9	6940.8	7595.6	8309.8	9087.4	9809.3	10288.6	10613.6	10857.3
-27.5°	5017.6	5529.6	6047.5	6567.4	7156.0	7867.6	8587.7	9258.4	9667.6	9995.1	10240.3
-30°	4748.9	5209.5	5688.6	6180.8	6733.2	7374.8	8048.4	8612.4	9043.9	9362.1	9589.7
-32.5°	4457.7	4894.8	5319.3	5779.3	6299.4	6864.9	7456.0	7992.5	8453.6	8745.1	8936.9
-35°	4159.6	4582.6	4971.2	5388.7	5847.5	6335.4	6881.1	7410.2	7865.5	8096.1	8283.1
-37.5°	3848.9	4270.8	4639.2	4987.9	5383.2	5835.1	6366.5	6871.4	7264.7	7463.0	7631.5
-40°	3578.8	3950.2	4281.8	4615.5	4936.8	5338.2	5834.1	6322.9	6638.5	6831.7	6988.2
-42.5°	3316.6	3629.9	3901.4	4200.6	4522.2	4917.8	5318.0	5727.8	5981.5	6195.9	6360.8
-45°	3011.3	3291.3	3545.9	3794.7	4088.0	4449.2	4812.7	5141.0	5378.6	5585.9	5746.4
-47.5°	2673.5	2943.8	3191.1	3413.6	3686.2	3987.4	4293.5	4566.7	4801.3	5006.1	5149.4
-50°	2358.7	2600.2	2841.6	3066.8	3303.0	3546.7	3795.0	4034.8	4257.5	4456.5	4578.5
-52.5°	2076.7	2299.6	2510.5	2707.4	2914.1	3120.0	3325.7	3545.2	3750.2	3938.5	4035.9
-55°	1821.6	2022.5	2212.9	2378.7	2544.6	2707.9	2884.2	3086.9	3275.6	3450.1	3519.9
-57.5°	1592.6	1764.5	1933.0	2073.2	2208.6	2338.5	2493.3	2664.4	2829.6	2979.1	3036.2
-60°	1381.9	1518.4	1659.3	1783.7	1901.7	2013.1	2148.0	2285.8	2419.7	2532.5	2581.2
-62.5°	1188.1	1304.9	1411.6	1512.7	1612.7	1713.0	1821.9	1931.2	2039.4	2126.2	2170.1
-65°	1001.2	1094.2	1180.0	1263.1	1343.8	1428.1	1513.3	1596.4	1676.5	1738.6	1776.7
-67.5°	825.9	896.5	964.6	1029.4	1096.9	1165.2	1231.9	1295.6	1355.7	1403.7	1440.1
-70°	670.4	725.1	778.4	832.0	888.4	941.5	991.7	1039.3	1084.1	1118.7	1146.7
-72.5°	540.4	584.7	630.7	679.1	724.6	764.3	800.4	835.2	868.5	888.1	902.7
-75°	435.7	473.0	513.0	552.1	590.2	620.3	646.8	672.5	697.2	698.5	693.5
-77.5°	352.0	385.4	416.3	447.0	477.4	496.0	512.2	528.9	545.8	536.0	520.6
-80°	258.3	286.1	312.4	338.9	365.3	376.3	384.0	390.6	396.3	383.5	367.7
-82.5°	171.4	188.9	206.0	223.5	241.1	248.2	253.4	257.7	261.2	249.6	236.3
-85°	95.7	104.1	112.4	120.7	129.0	134.0	138.5	142.6	146.3	139.5	131.7
-87.5°	39.8	41.7	43.6	45.4	47.1	48.9	50.6	52.3	53.9	54.2	54.4
-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: P627280 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	31.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1.6	0.3	0.0	0.0	0.0	0.3	1.6	2.8	3.6	4.0	3.9
62.5°	10.0	10.4	10.8	10.9	10.8	10.4	10.0	9.5	9.2	9.7	10.4
60°	19.3	16.9	16.3	16.4	16.3	16.9	19.3	21.0	21.7	31.7	37.3
57.5°	151.6	129.8	133.1	147.7	133.1	129.8	151.6	164.2	165.0	191.6	192.6
55°	708.6	791.0	820.1	804.0	820.1	791.0	708.6	621.3	538.2	512.4	512.7
52.5°	960.1	993.9	1006.9	1006.4	1006.9	993.9	960.1	914.8	857.4	800.8	745.4
50°	1249.8	1238.4	1220.8	1203.3	1220.8	1238.4	1249.8	1236.8	1193.8	1110.0	975.9
47.5°	2085.8	2049.7	2034.4	2062.1	2034.4	2049.7	2085.8	2062.4	1901.8	1693.4	1539.8
45°	2771.8	2814.2	2845.8	2844.2	2845.8	2814.2	2771.8	2736.3	2562.1	2323.6	2078.6
42.5°	3162.4	3185.0	3191.5	3183.3	3191.5	3185.0	3162.4	3122.9	2921.6	2666.8	2386.2
40°	3510.5	3537.4	3552.5	3566.2	3552.5	3537.4	3510.5	3458.7	3293.7	3056.3	2792.5
37.5°	4023.7	4033.6	4012.0	3998.3	4012.0	4033.6	4023.7	3991.0	3891.9	3588.9	3374.5
35°	5281.9	5307.7	5248.0	5311.0	5248.0	5307.7	5281.9	5152.8	4999.7	4820.1	4331.9
32.5°	6488.5	6609.3	6707.0	6787.8	6707.0	6609.3	6488.5	6365.2	6261.6	5915.1	5276.6
30°	7172.1	7250.0	7291.8	7302.0	7291.8	7250.0	7172.1	7076.0	6938.4	6495.4	5905.0
27.5°	7673.9	7755.6	7806.4	7843.5	7806.4	7755.6	7673.9	7585.1	7424.5	6972.5	6393.0
25°	8157.6	8232.3	8283.1	8302.9	8283.1	8232.3	8157.6	8067.4	7870.3	7488.3	6917.6
22.5°	8659.6	8711.4	8760.3	8784.2	8760.3	8711.4	8659.6	8553.9	8340.3	8035.5	7430.7
20°	9379.0	9350.8	9395.4	9380.4	9395.4	9350.8	9379.0	9217.5	8992.5	8674.8	8090.9
17.5°	10845.3	10860.6	10890.3	10939.3	10890.3	10860.6	10845.3	10631.0	10356.1	10069.2	9256.8
15°	12689.4	12726.5	12915.1	13083.4	12915.1	12726.5	12689.4	12482.1	12014.1	11600.1	10673.2
12.5°	13489.3	13617.7	13637.6	13685.0	13637.6	13617.7	13489.3	13196.9	12881.8	12353.9	11512.8
10°	13756.2	13978.6	13973.8	14029.6	13973.8	13978.6	13756.2	13501.9	13244.7	12794.2	11913.7
7.5°	13958.7	14197.5	14298.5	14341.4	14298.5	14197.5	13958.7	13786.4	13532.5	13096.0	12195.7
5°	14206.1	14337.3	14511.5	14461.7	14511.5	14337.3	14206.1	13989.7	13668.6	13204.8	12383.8
2.5°	14309.7	14515.4	14467.9	14516.4	14467.9	14515.4	14309.7	14017.9	13722.6	13349.4	12631.1
0°	14379.7	14527.3	14549.2	14598.5	14549.2	14527.3	14379.7	14089.8	13788.9	13427.9	12700.5
-2.5°	14294.8	14424.8	14652.4	14582.0	14652.4	14424.8	14294.8	14028.8	13742.6	13378.4	12724.0
-5°	14220.5	14540.4	14416.1	14571.1	14416.1	14540.4	14220.5	13937.3	13652.7	13258.9	12574.3
-7.5°	14182.1	14239.3	14321.7	14439.8	14321.7	14239.3	14182.1	13859.8	13548.4	13133.2	12439.7
-10°	13885.2	13943.7	14095.2	14177.3	14095.2	13943.7	13885.2	13737.6	13374.6	12933.7	12270.0
-12.5°	13563.2	13676.5	13835.7	13887.4	13835.7	13676.5	13563.2	13399.4	13140.1	12659.2	11999.4
-15°	13192.3	13360.6	13515.7	13548.3	13515.7	13360.6	13192.3	12998.9	12712.3	12321.0	11673.1
-17.5°	12720.7	12922.5	13085.5	13121.6	13085.5	12922.5	12720.7	12504.1	12222.5	11872.9	11344.8
-20°	12201.1	12394.3	12532.9	12574.7	12532.9	12394.3	12201.1	11974.2	11708.2	11372.3	10874.5



REPORT NUMBER: P627280 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	11644.7	11818.7	11935.8	11918.3	11935.8	11818.7	11644.7	11419.4	11173.6	10867.7	10332.5
-25°	11053.9	11215.4	11327.1	11311.2	11327.1	11215.4	11053.9	10857.3	10613.6	10288.6	9809.3
-27.5°	10429.5	10582.4	10689.7	10693.1	10689.7	10582.4	10429.5	10240.3	9995.1	9667.6	9258.4
-30°	9773.2	9912.2	9999.3	9965.7	9999.3	9912.2	9773.2	9589.7	9362.1	9043.9	8612.4
-32.5°	9096.4	9222.1	9301.9	9325.7	9301.9	9222.1	9096.4	8936.9	8745.1	8453.6	7992.5
-35°	8428.8	8539.6	8608.6	8625.6	8608.6	8539.6	8428.8	8283.1	8096.1	7865.5	7410.2
-37.5°	7765.5	7860.8	7909.0	7887.2	7909.0	7860.8	7765.5	7631.5	7463.0	7264.7	6871.4
-40°	7110.1	7200.8	7256.0	7269.1	7256.0	7200.8	7110.1	6988.2	6831.7	6638.5	6322.9
-42.5°	6465.6	6541.0	6589.5	6612.8	6589.5	6541.0	6465.6	6360.8	6195.9	5981.5	5727.8
-45°	5840.2	5907.6	5953.1	5978.3	5953.1	5907.6	5840.2	5746.4	5585.9	5378.6	5141.0
-47.5°	5231.7	5290.8	5330.0	5349.3	5330.0	5290.8	5231.7	5149.4	5006.1	4801.3	4566.7
-50°	4649.8	4701.0	4737.6	4758.6	4737.6	4701.0	4649.8	4578.5	4456.5	4257.5	4034.8
-52.5°	4097.9	4142.7	4173.8	4189.7	4173.8	4142.7	4097.9	4035.9	3938.5	3750.2	3545.2
-55°	3570.9	3607.2	3636.0	3653.7	3636.0	3607.2	3570.9	3519.9	3450.1	3275.6	3086.9
-57.5°	3079.6	3109.2	3136.5	3156.0	3136.5	3109.2	3079.6	3036.2	2979.1	2829.6	2664.4
-60°	2619.6	2647.6	2670.8	2685.6	2670.8	2647.6	2619.6	2581.2	2532.5	2419.7	2285.8
-62.5°	2204.5	2229.3	2250.5	2264.4	2250.5	2229.3	2204.5	2170.1	2126.2	2039.4	1931.2
-65°	1806.6	1828.8	1844.7	1854.2	1844.7	1828.8	1806.6	1776.7	1738.6	1676.5	1596.4
-67.5°	1471.2	1496.7	1501.9	1498.7	1501.9	1496.7	1471.2	1440.1	1403.7	1355.7	1295.6
-70°	1171.8	1193.4	1198.5	1197.8	1198.5	1193.4	1171.8	1146.7	1118.7	1084.1	1039.3
-72.5°	916.2	928.0	918.0	902.5	918.0	928.0	916.2	902.7	888.1	868.5	835.2
-75°	687.5	680.0	669.4	656.4	669.4	680.0	687.5	693.5	698.5	697.2	672.5
-77.5°	503.5	484.9	472.7	459.4	472.7	484.9	503.5	520.6	536.0	545.8	528.9
-80°	350.6	332.3	319.7	306.3	319.7	332.3	350.6	367.7	383.5	396.3	390.6
-82.5°	222.1	207.0	199.4	191.4	199.4	207.0	222.1	236.3	249.6	261.2	257.7
-85°	123.4	114.5	109.3	103.9	109.3	114.5	123.4	131.7	139.5	146.3	142.6
-87.5°	54.5	54.6	51.9	49.2	51.9	54.6	54.5	54.4	54.2	53.9	52.3
-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: P627280 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3E-735-U-VWR-VSR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	30.1	28.7	27.3	26.0	24.6	23.3	21.9	20.5	19.2	17.8	16.4
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.2	0.1	0.0	0.0	0.5	0.7	0.3	0.0	0.6
67.5°	0.0	0.0	1.0	2.3	2.9	2.8	2.5	2.8	3.3	3.0	2.8
65°	3.3	2.1	1.3	2.7	4.1	5.5	5.8	5.1	5.0	5.7	6.8
62.5°	11.0	11.5	9.9	8.3	7.2	8.0	8.7	9.3	8.1	6.5	8.5
60°	32.9	20.0	29.2	31.3	24.9	21.5	32.3	30.7	16.0	13.8	12.4
57.5°	158.6	132.8	145.7	132.4	90.6	79.1	82.0	78.2	70.8	43.4	18.5
55°	546.9	468.7	368.2	318.1	306.4	234.4	174.7	145.8	132.2	95.5	63.3
52.5°	694.8	645.9	569.9	465.1	409.1	388.1	331.8	265.5	210.9	168.7	121.1
50°	871.1	884.1	806.1	661.0	603.7	541.6	486.9	410.2	341.0	273.6	201.9
47.5°	1421.1	1323.8	1245.5	1137.2	931.6	800.4	714.2	588.4	493.7	412.0	323.7
45°	1894.8	1783.4	1706.9	1538.8	1320.4	1117.4	981.8	824.3	656.5	547.2	467.1
42.5°	2231.3	2087.0	1961.3	1824.3	1615.6	1386.5	1200.6	1044.7	868.4	691.2	584.5
40°	2560.4	2331.9	2207.2	2084.5	1887.8	1630.9	1486.0	1257.1	1073.0	876.6	730.8
37.5°	3051.5	2662.8	2618.8	2500.6	2278.1	2010.8	1847.8	1622.0	1280.5	1095.3	927.8
35°	3881.2	3480.9	3249.7	3133.9	2845.4	2504.8	2236.5	2025.6	1686.8	1322.1	1129.1
32.5°	4795.6	4288.9	3938.1	3772.9	3463.3	3001.2	2670.2	2401.9	2061.8	1649.2	1339.6
30°	5311.9	4849.8	4427.3	4144.8	3843.9	3446.7	3066.9	2688.0	2318.9	1977.4	1567.6
27.5°	5792.4	5216.2	4760.7	4441.9	4160.1	3778.3	3358.0	2951.9	2546.3	2208.9	1843.4
25°	6250.2	5611.7	5115.3	4740.9	4413.3	4110.9	3635.9	3192.2	2769.1	2396.2	2110.3
22.5°	6676.7	6084.0	5511.9	5022.5	4744.9	4420.4	3952.0	3414.6	3001.2	2687.6	2351.1
20°	7379.0	6715.5	5991.2	5567.7	5309.5	4808.2	4278.2	3746.8	3367.2	3008.1	2612.3
17.5°	8536.7	7708.8	6842.8	6389.2	6023.7	5408.8	4733.4	4206.2	3732.2	3332.1	2896.5
15°	9804.2	8738.5	7880.4	7294.6	6715.4	5995.1	5213.4	4643.9	4105.2	3655.0	3157.7
12.5°	10430.6	9416.0	8657.0	7831.3	7084.2	6431.6	5691.9	5063.9	4452.6	3865.8	3319.2
10°	10804.4	9796.2	8937.6	8113.4	7364.5	6736.5	6049.5	5305.5	4626.4	4005.5	3454.0
7.5°	11095.1	10056.3	9141.9	8321.4	7562.5	6900.1	6242.6	5462.6	4765.3	4118.2	3562.1
5°	11296.4	10259.0	9331.8	8502.2	7703.4	7017.5	6386.0	5581.6	4868.9	4203.9	3644.2
2.5°	11503.8	10416.4	9450.7	8619.1	7793.1	7091.9	6472.7	5672.4	4953.1	4267.4	3712.6
0°	11584.7	10507.2	9533.6	8680.3	7843.5	7121.5	6497.9	5732.2	5010.2	4304.6	3757.6
-2.5°	11636.7	10536.8	9566.0	8720.0	7910.0	7168.3	6526.2	5799.2	5028.2	4344.6	3770.2
-5°	11557.7	10501.8	9538.8	8687.2	7911.4	7171.9	6506.5	5809.1	5023.7	4355.3	3760.5
-7.5°	11460.7	10409.3	9435.3	8599.9	7854.4	7122.5	6447.6	5765.7	5006.5	4337.8	3742.0
-10°	11296.9	10261.7	9334.5	8509.1	7754.1	7017.1	6362.0	5683.2	4950.6	4288.2	3698.6
-12.5°	11078.2	10075.2	9159.4	8343.2	7618.9	6908.6	6267.0	5569.1	4855.2	4205.5	3629.7
-15°	10789.3	9831.1	8942.8	8147.1	7446.6	6767.5	6126.3	5442.9	4762.2	4103.6	3535.4
-17.5°	10473.2	9509.2	8634.3	7884.7	7220.2	6576.4	5947.3	5310.4	4655.0	4008.0	3450.5
-20°	10114.3	9167.6	8300.9	7574.3	6947.3	6337.4	5755.7	5162.2	4506.2	3898.0	3361.3



REPORT NUMBER: P627280 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	9597.9	8761.6	7967.0	7254.6	6655.2	6096.9	5536.7	4962.8	4313.2	3760.3	3239.9
-25°	9087.4	8309.8	7595.6	6940.8	6361.9	5831.8	5286.7	4717.9	4141.5	3598.4	3091.4
-27.5°	8587.7	7867.6	7156.0	6567.4	6047.5	5529.6	5017.6	4479.4	3948.7	3416.4	2951.9
-30°	8048.4	7374.8	6733.2	6180.8	5688.6	5209.5	4748.9	4246.5	3724.3	3219.1	2801.5
-32.5°	7456.0	6864.9	6299.4	5779.3	5319.3	4894.8	4457.7	3981.5	3465.5	3034.8	2627.2
-35°	6881.1	6335.4	5847.5	5388.7	4971.2	4582.6	4159.6	3682.6	3229.5	2825.4	2430.6
-37.5°	6366.5	5835.1	5383.2	4987.9	4639.2	4270.8	3848.9	3425.7	2999.7	2592.2	2247.8
-40°	5834.1	5338.2	4936.8	4615.5	4281.8	3950.2	3578.8	3185.3	2765.0	2367.0	2068.4
-42.5°	5318.0	4917.8	4522.2	4200.6	3901.4	3629.9	3316.6	2919.4	2533.0	2187.3	1900.3
-45°	4812.7	4449.2	4088.0	3794.7	3545.9	3291.3	3011.3	2650.2	2303.1	2006.3	1735.6
-47.5°	4293.5	3987.4	3686.2	3413.6	3191.1	2943.8	2673.5	2367.6	2083.2	1815.8	1576.0
-50°	3795.0	3546.7	3303.0	3066.8	2841.6	2600.2	2358.7	2111.8	1858.1	1625.0	1407.4
-52.5°	3325.7	3120.0	2914.1	2707.4	2510.5	2299.6	2076.7	1857.1	1633.9	1439.1	1244.9
-55°	2884.2	2707.9	2544.6	2378.7	2212.9	2022.5	1821.6	1623.7	1445.6	1266.7	1108.3
-57.5°	2493.3	2338.5	2208.6	2073.2	1933.0	1764.5	1592.6	1425.4	1277.6	1129.5	982.9
-60°	2148.0	2013.1	1901.7	1783.7	1659.3	1518.4	1381.9	1249.5	1121.8	1000.9	874.6
-62.5°	1821.9	1713.0	1612.7	1512.7	1411.6	1304.9	1188.1	1081.3	982.3	880.5	766.3
-65°	1513.3	1428.1	1343.8	1263.1	1180.0	1094.2	1001.2	916.8	835.9	753.3	654.6
-67.5°	1231.9	1165.2	1096.9	1029.4	964.6	896.5	825.9	755.4	689.5	622.1	541.9
-70°	991.7	941.5	888.4	832.0	778.4	725.1	670.4	613.4	553.1	498.1	443.2
-72.5°	800.4	764.3	724.6	679.1	630.7	584.7	540.4	495.9	450.1	403.1	355.2
-75°	646.8	620.3	590.2	552.1	513.0	473.0	435.7	397.5	355.6	309.9	265.5
-77.5°	512.2	496.0	477.4	447.0	416.3	385.4	352.0	310.3	267.7	225.6	188.8
-80°	384.0	376.3	365.3	338.9	312.4	286.1	258.3	221.9	185.6	151.6	124.3
-82.5°	253.4	248.2	241.1	223.5	206.0	188.9	171.4	146.1	121.9	98.9	78.7
-85°	138.5	134.0	129.0	120.7	112.4	104.1	95.7	81.7	68.6	56.3	45.4
-87.5°	50.6	48.9	47.1	45.4	43.6	41.7	39.8	35.7	31.7	27.8	24.1
-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: P627280 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	15.0	13.7	12.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.8	2.9
85°	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.9	1.7
82.5°	0.0	0.0	0.0	0.1	0.9	1.4	1.6	1.5	0.8	0.1	0.4
80°	0.0	0.0	0.0	0.2	1.4	2.9	3.6	3.8	2.9	2.0	1.1
77.5°	0.0	0.0	0.0	0.1	0.6	1.6	3.1	5.0	5.0	3.8	2.7
75°	0.0	0.0	0.0	0.2	0.4	0.1	1.2	2.9	4.5	5.4	4.3
72.5°	0.0	0.0	0.0	0.7	1.5	1.6	0.9	1.0	3.2	4.7	5.4
70°	0.8	0.3	0.0	0.9	2.3	3.4	3.1	2.5	2.1	4.0	5.2
67.5°	2.6	2.8	2.1	1.5	2.5	3.8	5.1	4.9	4.2	3.6	5.1
65°	6.4	5.9	5.4	4.8	4.1	4.1	5.4	6.8	6.4	5.5	5.0
62.5°	9.6	9.5	8.8	8.0	7.1	6.2	5.7	7.6	8.3	7.4	6.2
60°	12.3	12.8	12.2	11.2	10.1	8.9	8.1	8.6	9.5	9.2	7.8
57.5°	17.0	16.5	16.3	14.8	13.0	11.7	11.0	10.7	11.0	10.8	9.4
55°	30.0	20.9	21.0	19.4	16.7	14.4	13.8	13.3	12.7	12.5	11.0
52.5°	76.0	42.2	27.1	25.0	21.7	17.8	16.6	15.9	15.0	14.2	12.6
50°	140.3	90.9	51.5	32.3	27.5	23.4	19.4	18.4	17.4	16.2	14.2
47.5°	224.6	156.2	101.5	50.9	35.5	29.3	24.3	21.0	19.7	18.3	15.7
45°	345.9	230.1	159.5	100.8	47.3	40.4	30.1	23.5	22.0	20.2	17.2
42.5°	481.3	337.6	223.8	152.2	90.4	56.0	36.0	28.5	24.2	22.2	18.9
40°	614.0	466.6	300.6	209.9	136.3	75.1	51.9	34.1	26.5	24.4	20.8
37.5°	760.9	603.0	421.1	271.5	183.2	114.5	71.1	39.8	30.1	26.7	22.7
35°	942.5	754.3	541.7	361.7	242.6	151.2	92.4	50.6	37.0	29.1	24.7
32.5°	1123.9	905.4	672.0	466.6	304.7	185.0	120.2	72.2	45.1	31.6	26.7
30°	1306.5	1043.8	794.8	563.7	376.2	239.2	150.1	93.2	54.3	34.2	28.8
27.5°	1470.9	1174.4	909.7	665.1	460.0	296.5	181.4	113.5	64.6	38.7	30.9
25°	1656.6	1315.5	1022.7	762.1	536.7	356.2	213.5	133.5	79.6	46.6	33.1
22.5°	1895.5	1460.6	1127.5	850.0	612.6	413.3	254.8	159.8	96.0	55.0	35.2
20°	2133.1	1602.3	1230.1	960.1	695.1	477.5	302.6	185.9	111.6	63.6	37.4
17.5°	2366.2	1783.8	1379.4	1072.6	783.4	537.6	347.2	211.7	126.3	72.5	39.5
15°	2575.2	1991.8	1526.3	1179.0	869.9	593.2	388.5	236.6	140.1	81.3	42.3
12.5°	2750.8	2171.1	1664.5	1278.6	953.2	643.9	426.2	260.6	152.9	91.2	46.1
10°	2895.8	2322.8	1792.7	1370.6	1031.9	689.6	460.2	284.5	167.8	101.6	50.1
7.5°	3011.6	2448.0	1909.3	1454.2	1103.3	732.3	496.7	309.8	182.2	111.5	54.1
5°	3098.8	2545.8	1999.4	1514.1	1160.1	771.6	530.5	333.0	195.7	120.8	58.1
2.5°	3155.4	2617.7	2066.2	1561.0	1206.3	804.6	560.1	353.8	207.9	129.2	62.0
0°	3188.8	2669.2	2116.7	1597.1	1241.6	831.4	585.3	371.9	218.8	136.7	65.6
-2.5°	3218.6	2702.9	2160.8	1660.0	1265.8	875.3	601.4	388.2	236.1	142.1	72.3
-5°	3228.4	2717.8	2189.7	1708.5	1280.4	910.9	612.7	401.5	251.2	146.5	78.4
-7.5°	3211.8	2708.8	2199.9	1736.1	1287.3	936.0	619.3	412.0	263.6	149.9	83.8
-10°	3174.8	2679.5	2186.5	1727.8	1296.6	943.8	623.1	419.6	272.5	152.5	88.2
-12.5°	3120.0	2635.2	2157.8	1709.4	1295.0	938.8	633.3	425.6	277.2	154.2	91.5
-15°	3048.1	2577.3	2113.8	1682.3	1279.4	927.5	635.9	427.8	276.7	157.4	93.5
-17.5°	2963.5	2507.0	2054.9	1647.8	1249.1	910.5	630.1	425.1	273.9	162.2	95.5
-20°	2878.8	2429.0	1985.1	1607.0	1203.3	888.4	615.5	417.3	268.9	165.2	97.4

Classified

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

Scaled Data Report



REPORT NUMBER: P627280 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	2779.5	2339.4	1924.7	1550.0	1153.8	861.8	591.5	404.1	261.7	166.6	98.3
-25°	2665.4	2234.7	1852.1	1471.8	1114.8	831.7	566.8	385.2	252.4	166.1	98.0
-27.5°	2536.5	2123.0	1766.6	1386.1	1074.2	789.6	543.3	371.3	244.5	163.7	96.5
-30°	2392.6	2017.7	1664.4	1303.7	1024.7	744.2	512.6	355.8	240.9	160.7	93.8
-32.5°	2237.5	1899.1	1554.6	1240.9	968.3	697.0	485.5	338.2	234.9	156.8	94.0
-35°	2092.0	1770.2	1442.5	1168.4	908.6	669.1	467.4	318.7	226.4	151.3	94.5
-37.5°	1936.2	1634.9	1353.7	1092.8	845.7	637.0	452.7	310.0	215.5	144.3	94.1
-40°	1786.4	1506.7	1251.0	1020.8	799.1	600.9	429.6	300.3	204.9	135.8	92.9
-42.5°	1634.7	1386.2	1152.7	942.4	755.2	565.9	400.0	285.4	196.5	130.9	90.7
-45°	1495.1	1261.7	1048.2	874.0	706.4	521.2	377.2	266.7	186.0	127.4	88.8
-47.5°	1348.4	1134.9	952.6	799.2	642.6	472.6	348.3	252.0	173.4	122.8	87.5
-50°	1196.9	1014.8	863.2	717.0	564.4	432.0	317.3	234.4	169.0	119.2	85.3
-52.5°	1064.3	909.3	771.8	632.4	505.4	384.5	293.9	215.6	163.0	116.1	82.3
-55°	950.1	809.0	681.7	563.1	449.2	349.6	267.3	206.6	155.6	112.3	78.6
-57.5°	849.2	715.9	607.8	501.2	402.3	316.0	248.6	195.9	147.8	107.0	75.3
-60°	751.1	641.8	540.7	445.7	358.6	287.0	234.0	183.7	138.6	100.3	71.6
-62.5°	660.5	564.2	476.3	390.4	319.4	263.4	217.3	169.4	127.6	92.0	66.8
-65°	565.4	483.3	409.0	341.6	283.8	235.7	195.7	153.1	113.3	81.9	60.5
-67.5°	466.5	406.3	348.3	292.1	244.9	204.6	170.8	131.5	96.4	70.3	53.1
-70°	388.5	335.5	286.3	242.3	203.7	170.8	139.6	106.3	77.8	60.2	45.2
-72.5°	309.3	266.1	225.8	190.7	163.2	135.2	106.9	81.4	64.5	49.7	37.0
-75°	228.9	199.7	173.4	149.0	124.3	99.9	81.5	64.7	50.8	38.7	31.2
-77.5°	166.1	145.0	125.6	110.2	93.2	77.0	61.5	47.5	38.5	32.1	26.2
-80°	112.8	101.7	91.1	80.2	66.6	53.7	44.4	36.6	31.0	25.9	21.1
-82.5°	71.1	65.2	59.8	54.4	46.4	39.3	33.0	27.6	23.4	19.5	17.1
-85°	42.1	39.0	35.9	32.8	28.4	24.5	22.7	21.0	19.2	17.4	15.5
-87.5°	23.8	23.4	23.0	22.6	21.5	20.5	19.6	18.7	17.1	15.5	13.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.7	4.1

Classified

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

Scaled Data Report



REPORT NUMBER: P627280 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	10.9	9.6	8.2	6.8	5.5	5.5	5.5
87.5°	4.1	4.6	5.0	5.3	5.5	5.5	5.5
85°	2.7	3.7	4.6	5.1	5.5	5.5	5.5
82.5°	1.3	2.9	4.1	5.0	5.5	5.5	5.5
80°	0.3	2.0	3.7	4.8	5.5	5.5	5.5
77.5°	1.7	1.8	3.2	4.7	5.5	5.5	5.5
75°	3.1	2.7	3.0	4.5	5.5	5.5	5.5
72.5°	4.4	3.6	3.5	4.4	5.5	5.5	5.5
70°	5.5	4.4	4.0	4.4	5.5	5.5	5.5
67.5°	5.7	5.1	4.4	4.6	5.5	5.5	5.5
65°	5.9	5.7	4.8	4.8	5.5	5.5	5.5
62.5°	6.2	6.1	5.2	4.9	5.5	5.5	5.5
60°	6.5	6.6	5.5	5.1	5.5	5.5	5.5
57.5°	7.8	7.1	6.0	5.2	5.6	5.5	5.5
55°	9.2	7.7	6.5	5.3	5.6	5.5	5.5
52.5°	10.5	8.4	7.1	5.4	5.7	5.5	5.5
50°	11.8	9.5	7.7	5.5	5.9	5.5	5.5
47.5°	13.2	10.6	8.3	5.6	6.0	5.5	5.5
45°	14.4	11.6	9.0	6.1	6.2	5.5	5.5
42.5°	15.7	12.7	9.7	6.6	6.3	5.5	5.5
40°	16.9	13.7	10.4	7.3	6.5	5.5	5.5
37.5°	18.1	14.7	11.2	8.0	6.7	5.5	5.5
35°	19.3	15.6	12.0	8.7	7.0	5.5	5.5
32.5°	20.5	16.6	12.7	9.4	7.2	5.5	5.5
30°	22.2	17.4	13.4	10.1	7.5	5.5	5.5
27.5°	23.8	18.3	14.3	10.7	7.7	5.5	5.5
25°	25.4	19.1	15.1	11.4	8.0	5.5	5.5
22.5°	27.0	19.9	16.0	12.0	8.3	5.5	5.5
20°	28.6	20.9	16.8	12.6	8.6	5.5	5.5
17.5°	30.1	21.9	17.5	13.1	8.9	5.5	5.5
15°	31.7	22.8	18.3	13.7	9.2	5.5	5.5
12.5°	33.1	23.7	19.0	14.2	9.5	5.5	5.5
10°	34.3	24.5	19.6	14.7	9.8	5.5	5.5
7.5°	35.5	25.3	20.3	15.2	10.1	5.5	5.5
5°	36.6	26.0	20.8	15.6	10.4	5.5	5.5
2.5°	37.5	26.7	21.4	16.0	10.7	5.5	5.5
0°	38.3	27.3	21.9	16.4	10.9	5.5	5.5
-2.5°	40.4	27.9	22.4	16.4	10.9	5.5	5.5
-5°	42.4	28.4	22.8	16.3	10.9	5.5	5.5
-7.5°	44.1	28.9	23.1	16.3	10.8	5.5	5.5
-10°	45.5	29.3	23.3	16.1	10.7	5.5	5.5
-12.5°	46.5	29.7	23.5	16.0	10.6	5.5	5.5
-15°	47.2	30.0	23.6	15.8	10.5	5.5	5.5
-17.5°	47.4	30.2	23.5	15.6	10.4	5.5	5.5
-20°	48.7	30.4	23.4	15.4	10.2	5.5	5.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627280 (CONVERTED FROM TYPE C PHOTOMETRY)

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

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	51.8	30.5	23.1	15.1	10.1	5.5	5.5
-25°	54.4	32.5	22.7	14.8	9.9	5.5	5.5
-27.5°	56.3	35.1	22.1	14.5	9.7	5.5	5.5
-30°	57.7	37.2	21.6	14.2	9.5	5.5	5.5
-32.5°	58.4	39.1	22.4	13.8	9.2	5.5	5.5
-35°	60.0	40.5	23.0	13.4	8.9	5.5	5.5
-37.5°	61.6	41.4	23.4	13.0	8.7	5.5	5.5
-40°	62.6	41.7	23.5	12.5	8.4	5.5	5.5
-42.5°	62.9	41.7	23.7	12.3	8.1	5.5	5.5
-45°	62.6	41.4	23.8	12.3	7.7	5.5	5.5
-47.5°	61.6	40.8	23.7	12.2	7.4	5.5	5.5
-50°	60.3	39.9	23.2	12.1	7.0	5.5	5.5
-52.5°	58.7	38.7	22.5	11.9	6.7	5.5	5.5
-55°	56.6	37.1	21.5	11.5	6.3	5.5	5.5
-57.5°	54.1	35.1	20.3	11.1	5.9	5.5	5.5
-60°	51.1	32.7	18.9	10.6	5.5	5.5	5.5
-62.5°	47.0	29.9	17.9	10.1	5.5	5.5	5.5
-65°	42.4	26.8	16.7	9.4	5.5	5.5	5.5
-67.5°	37.2	24.0	15.4	8.7	5.5	5.5	5.5
-70°	31.7	21.8	14.0	7.9	5.5	5.5	5.5
-72.5°	28.0	19.5	12.5	7.7	5.5	5.5	5.5
-75°	24.4	17.0	10.9	7.7	5.5	5.5	5.5
-77.5°	20.6	14.3	10.3	7.6	5.5	5.5	5.5
-80°	16.7	12.9	10.0	7.5	5.5	5.5	5.5
-82.5°	15.0	12.1	9.6	7.3	5.5	5.5	5.5
-85°	13.7	11.3	9.1	7.2	5.5	5.5	5.5
-87.5°	12.3	10.4	8.7	7.0	5.5	5.5	5.5
-90°	5.5	5.5	5.5	5.5	5.5	5.5	5.5

(END OF REPORT)