

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



Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P627623 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: GFLD-SA5C-727-U-WR-XX

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-2019
Report Number: P627623 (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: 5/9/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA5C-727-U-WR-XX
Description: GALLEON FLOOD, FIVE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N113
Light Source: (80) 2700K CCT, 70 CRI LEDS
Ballast/Driver: -

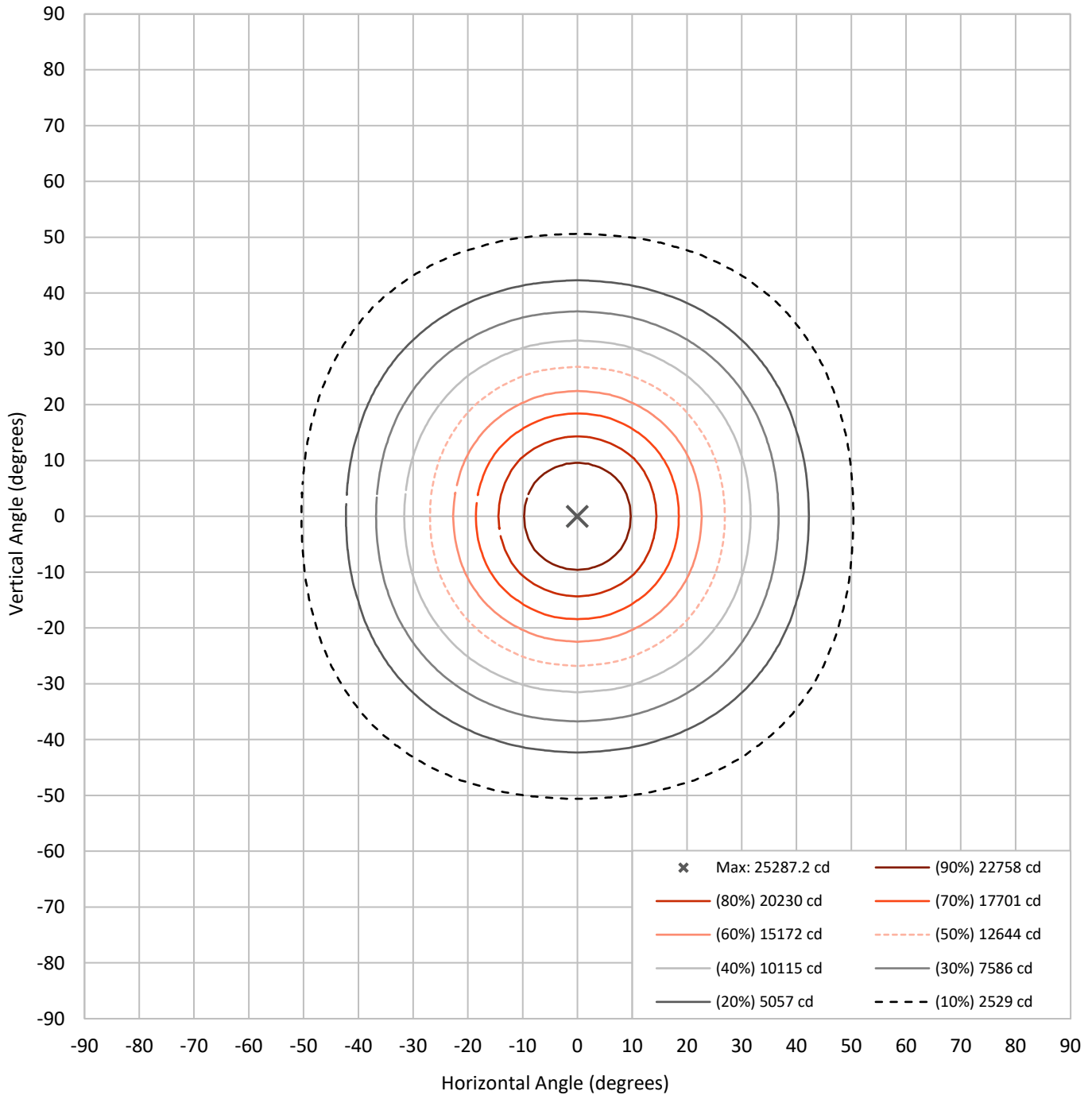
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	25736.4 lumens	Max Intensity:	25287.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	124.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' 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:	12305.6 lumens	Field Lumens:	22713.3 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	206.13		
Input Voltage (V):	120		
Input Current (Ain):	NR		
Voltage Rise (V):	NR		
Power Factor:	NR		
Total Harmonic Distortion (THDi):	NR		
Frequency (hertz):	60		
Stabilization Time:	NR		
Operation Time:	NR		
Ambient Temperature (°C):	NR		
Test Distance:	25 FT		



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Iso-Candela Plot





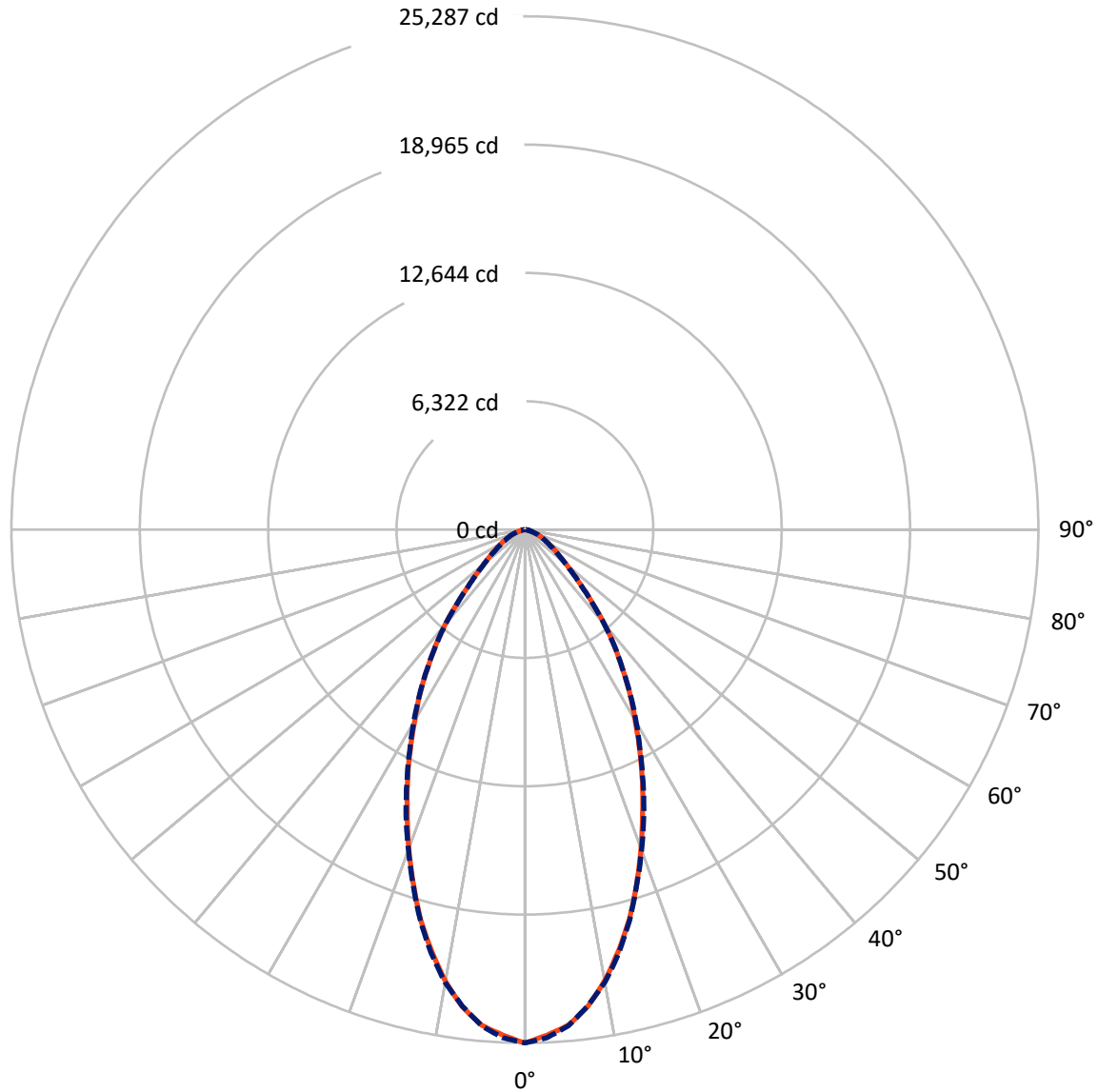
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Lumen Table

90																			
80	1.0	7.1		16.2		26.9		23.1		26.9		16.2		7.1		1.0			
70																			
60	3.3	3.9	7.4	11.8	17.2	22.3	26.1	28.0	28.0	26.1	22.3	17.2	11.8	7.4	3.9	3.3			
50		5.5	11.2	19.3	29.6	40.7	50.8	56.7	56.7	50.8	40.7	29.6	19.3	11.2	5.5				
40	4.9	7.1	15.4	28.8	48.6	74.7	103.0	121.9	121.9	103.0	74.7	48.6	28.8	15.4	7.1	4.9			
30		8.6	20.2	41.9	81.6	144.8	210.4	249.6	249.6	210.4	144.8	81.6	41.9	20.2	8.6				
20	5.8	10.1	25.2	58.7	131.9	237.0	339.2	405.4	405.4	339.2	237.0	131.9	58.7	25.2	10.1	5.8			
10		11.2	29.5	76.1	180.0	320.1	472.6	581.4	581.4	472.6	320.1	180.0	76.1	29.5	11.2				
0	6.1	11.7	32.0	87.4	207.2	372.1	566.3	712.1	712.1	566.3	372.1	207.2	87.4	32.0	11.7	6.1			
-10		11.7	32.0	87.4	207.2	372.1	566.3	712.1	712.1	566.3	372.1	207.2	87.4	32.0	11.7				
-20	5.8	11.2	29.5	76.1	180.0	320.1	472.6	581.4	581.4	472.6	320.1	180.0	76.1	29.5	11.2	5.8			
-30		10.1	25.2	58.7	131.9	237.0	339.2	405.4	405.4	339.2	237.0	131.9	58.7	25.2	10.1				
-40	4.9	8.6	20.2	41.9	81.6	144.8	210.4	249.6	249.6	210.4	144.8	81.6	41.9	20.2	8.6	4.9			
-50		7.1	15.4	28.8	48.6	74.7	103.0	121.9	121.9	103.0	74.7	48.6	28.8	15.4	7.1				
-60	3.3	5.5	11.2	19.3	29.6	40.7	50.8	56.7	56.7	50.8	40.7	29.6	19.3	11.2	5.5	3.3			
-70		3.9	7.4	11.8	17.2	22.3	26.1	28.0	28.0	26.1	22.3	17.2	11.8	7.4	3.9				
-80																			
-90	1.0	7.1		16.2		26.9		23.1		26.9		16.2		7.1		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

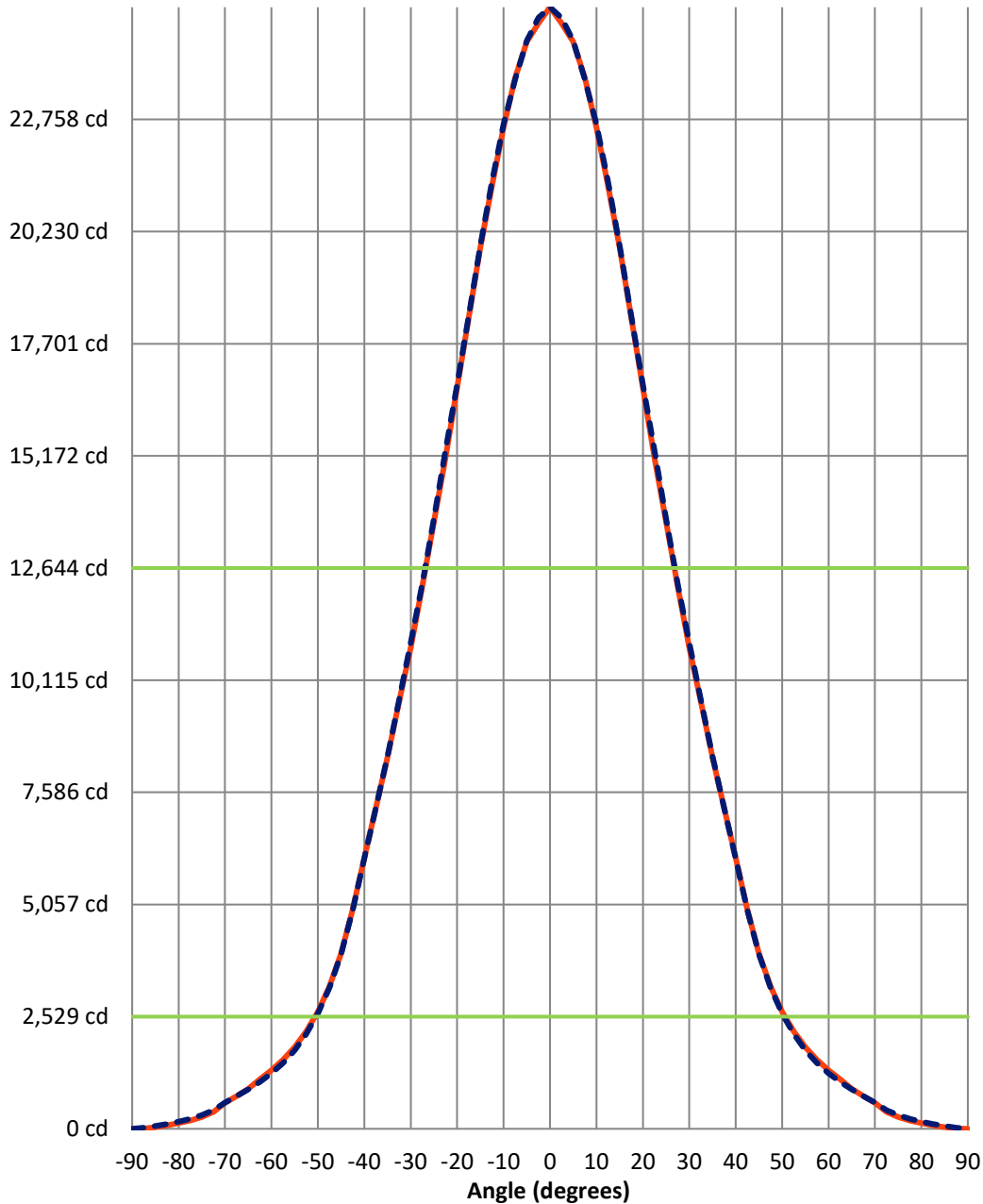


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 12305.6
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 22713.3
 Efficiency: 88.3%

Spill:
 Lumens: 3023.1
 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	3.0	4.8	7.0	9.4	12.0	13.3	14.4	15.2	15.9
85°	0.0	2.6	5.9	9.7	13.9	18.7	24.0	26.6	28.7	30.4	31.7
82.5°	0.0	3.8	8.8	14.5	20.9	28.0	35.9	39.9	44.0	51.0	57.1
80°	0.0	5.1	11.7	19.2	27.7	37.2	48.8	60.6	70.8	80.0	88.1
77.5°	0.0	6.4	14.6	23.9	34.4	48.3	69.6	84.9	97.6	109.1	120.5
75°	0.0	7.6	17.4	28.5	41.7	63.2	89.8	109.1	124.4	140.0	156.6
72.5°	0.0	8.8	20.2	33.0	51.6	77.6	109.4	132.9	151.3	171.1	192.3
70°	0.0	10.0	22.9	37.7	61.2	91.4	128.0	155.3	177.7	201.8	230.1
67.5°	0.0	11.2	25.5	43.6	70.4	104.6	144.1	177.3	203.6	233.5	267.4
65°	0.0	12.3	28.0	49.2	79.1	116.8	159.4	198.8	229.2	264.0	302.7
62.5°	0.0	13.4	30.4	54.5	87.4	127.8	173.9	219.1	253.7	293.3	335.6
60°	0.0	14.4	32.8	59.5	95.1	138.3	187.4	238.5	277.1	321.6	367.4
57.5°	0.0	15.5	35.6	64.2	102.2	148.0	199.7	255.9	300.8	349.0	396.8
55°	0.0	16.5	38.3	68.5	108.9	156.9	211.0	269.7	323.9	375.2	424.9
52.5°	0.0	17.4	41.0	72.4	115.0	165.1	221.4	284.8	346.1	400.2	452.4
50°	0.0	18.3	43.5	76.0	120.5	172.6	230.8	299.0	367.6	424.6	482.6
47.5°	0.0	19.1	45.9	79.2	125.5	179.4	239.5	311.9	388.8	448.3	512.1
45°	0.0	19.9	48.1	82.5	129.8	185.4	249.3	323.5	404.0	474.0	540.7
42.5°	0.0	20.7	50.3	85.3	133.6	190.6	258.1	334.9	417.8	498.7	570.4
40°	0.0	21.4	52.3	88.4	137.0	195.0	265.8	345.9	431.6	521.7	599.1
37.5°	0.0	22.0	54.2	91.6	140.0	198.7	272.3	355.9	446.7	539.9	626.2
35°	0.0	22.6	55.9	94.5	142.5	202.7	277.8	364.8	461.1	559.8	654.1
32.5°	0.0	23.1	57.5	97.2	144.4	206.6	282.8	372.6	474.8	580.1	682.5
30°	0.0	23.6	58.9	99.6	145.7	209.6	288.3	380.1	487.8	600.6	709.3
27.5°	0.0	24.0	60.2	101.7	148.8	211.7	292.9	389.6	501.4	621.1	734.4
25°	0.0	24.4	61.4	103.6	151.8	213.0	296.4	398.0	516.5	641.2	757.9
22.5°	0.0	24.7	62.3	105.1	154.5	214.6	298.9	405.4	531.0	659.7	783.6
20°	0.0	24.9	63.2	106.4	156.7	218.5	300.3	411.7	544.6	676.3	806.6
17.5°	0.0	25.1	63.9	107.5	158.6	221.7	303.7	416.8	557.1	690.9	826.8
15°	0.0	25.3	64.4	108.2	160.1	224.2	307.7	421.6	568.4	703.5	844.1
12.5°	0.0	25.4	64.8	108.7	161.2	226.1	310.7	425.9	577.9	714.1	858.6
10°	0.0	25.4	65.0	108.9	162.0	227.2	312.5	428.3	585.4	722.9	870.2
7.5°	0.0	25.4	65.0	108.9	162.3	227.7	313.2	428.8	590.6	729.6	879.3
5°	0.0	25.3	64.9	108.6	162.2	227.5	312.9	427.5	593.4	734.2	885.4
2.5°	0.0	25.2	64.7	108.0	161.7	226.7	311.6	424.6	593.8	736.5	888.3
0°	0.0	25.0	64.3	107.2	160.8	225.2	309.2	420.0	591.6	736.3	888.2
-2.5°	0.0	25.2	64.7	108.0	161.7	226.7	311.6	424.6	593.8	736.5	888.3
-5°	0.0	25.3	64.9	108.6	162.2	227.5	312.9	427.5	593.4	734.2	885.4
-7.5°	0.0	25.4	65.0	108.9	162.3	227.7	313.2	428.8	590.6	729.6	879.3
-10°	0.0	25.4	65.0	108.9	162.0	227.2	312.5	428.3	585.4	722.9	870.2
-12.5°	0.0	25.4	64.8	108.7	161.2	226.1	310.7	425.9	577.9	714.1	858.6
-15°	0.0	25.3	64.4	108.2	160.1	224.2	307.7	421.6	568.4	703.5	844.1
-17.5°	0.0	25.1	63.9	107.5	158.6	221.7	303.7	416.8	557.1	690.9	826.8
-20°	0.0	24.9	63.2	106.4	156.7	218.5	300.3	411.7	544.6	676.3	806.6

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CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0.0	24.7	62.3	105.1	154.5	214.6	298.9	405.4	531.0	659.7	783.6
-25°	0.0	24.4	61.4	103.6	151.8	213.0	296.4	398.0	516.5	641.2	757.9
-27.5°	0.0	24.0	60.2	101.7	148.8	211.7	292.9	389.6	501.4	621.1	734.4
-30°	0.0	23.6	58.9	99.6	145.7	209.6	288.3	380.1	487.8	600.6	709.3
-32.5°	0.0	23.1	57.5	97.2	144.4	206.6	282.8	372.6	474.8	580.1	682.5
-35°	0.0	22.6	55.9	94.5	142.5	202.7	277.8	364.8	461.1	559.8	654.1
-37.5°	0.0	22.0	54.2	91.6	140.0	198.7	272.3	355.9	446.7	539.9	626.2
-40°	0.0	21.4	52.3	88.4	137.0	195.0	265.8	345.9	431.6	521.7	599.1
-42.5°	0.0	20.7	50.3	85.3	133.6	190.6	258.1	334.9	417.8	498.7	570.4
-45°	0.0	19.9	48.1	82.5	129.8	185.4	249.3	323.5	404.0	474.0	540.7
-47.5°	0.0	19.1	45.9	79.2	125.5	179.4	239.5	311.9	388.8	448.3	512.1
-50°	0.0	18.3	43.5	76.0	120.5	172.6	230.8	299.0	367.6	424.6	482.6
-52.5°	0.0	17.4	41.0	72.4	115.0	165.1	221.4	284.8	346.1	400.2	452.4
-55°	0.0	16.5	38.3	68.5	108.9	156.9	211.0	269.7	323.9	375.2	424.9
-57.5°	0.0	15.5	35.6	64.2	102.2	148.0	199.7	255.9	300.8	349.0	396.8
-60°	0.0	14.4	32.8	59.5	95.1	138.3	187.4	238.5	277.1	321.6	367.4
-62.5°	0.0	13.4	30.4	54.5	87.4	127.8	173.9	219.1	253.7	293.3	335.6
-65°	0.0	12.3	28.0	49.2	79.1	116.8	159.4	198.8	229.2	264.0	302.7
-67.5°	0.0	11.2	25.5	43.6	70.4	104.6	144.1	177.3	203.6	233.5	267.4
-70°	0.0	10.0	22.9	37.7	61.2	91.4	128.0	155.3	177.7	201.8	230.1
-72.5°	0.0	8.8	20.2	33.0	51.6	77.6	109.4	132.9	151.3	171.1	192.3
-75°	0.0	7.6	17.4	28.5	41.7	63.2	89.8	109.1	124.4	140.0	156.6
-77.5°	0.0	6.4	14.6	23.9	34.4	48.3	69.6	84.9	97.6	109.1	120.5
-80°	0.0	5.1	11.7	19.2	27.7	37.2	48.8	60.6	70.8	80.0	88.1
-82.5°	0.0	3.8	8.8	14.5	20.9	28.0	35.9	39.9	44.0	51.0	57.1
-85°	0.0	2.6	5.9	9.7	13.9	18.7	24.0	26.6	28.7	30.4	31.7
-87.5°	0.0	1.3	3.0	4.8	7.0	9.4	12.0	13.3	14.4	15.2	15.9
-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°	16.1	16.1	15.8	15.4	14.7	13.8	12.7	11.4	11.9	12.3	12.8
85°	32.2	32.2	34.9	37.4	38.5	38.7	37.9	36.2	41.0	46.4	52.1
82.5°	62.9	68.4	73.5	78.4	78.9	77.6	75.2	72.4	82.0	93.5	105.6
80°	96.4	104.5	113.8	122.4	124.5	123.6	120.9	116.5	129.1	146.9	166.1
77.5°	133.8	146.6	158.5	169.5	172.6	172.2	170.2	166.6	182.6	207.4	233.0
75°	173.3	188.8	204.1	217.6	223.3	223.8	223.1	226.9	248.0	276.9	302.4
72.5°	214.4	234.1	251.4	266.2	275.5	282.6	291.9	303.4	324.7	353.1	378.1
70°	257.9	279.8	298.0	314.4	328.6	344.0	363.9	383.5	405.9	434.2	460.2
67.5°	300.8	323.0	343.5	363.7	389.6	414.3	438.9	464.6	492.9	522.7	549.0
65°	340.6	365.6	390.7	420.1	453.7	481.7	512.1	545.4	582.5	616.0	646.5
62.5°	378.7	406.9	438.0	473.5	509.9	545.0	585.7	628.6	672.0	714.0	755.6
60°	410.9	446.1	483.8	523.9	565.9	613.7	661.4	712.4	764.2	814.8	866.3
57.5°	441.9	485.4	528.9	575.6	627.9	682.5	739.9	797.3	859.2	920.3	978.8
55°	474.1	525.3	574.8	630.1	690.1	754.3	819.0	888.6	956.9	1034.0	1105.1
52.5°	508.4	564.2	622.3	685.7	755.7	828.0	903.9	983.7	1068.9	1154.5	1241.4
50°	541.9	604.8	669.5	745.3	823.6	906.2	993.9	1086.9	1186.0	1285.1	1390.2
47.5°	576.9	644.1	723.1	805.4	895.0	989.2	1088.4	1199.0	1309.1	1434.0	1554.5
45°	611.5	688.7	774.5	870.0	968.5	1074.5	1192.6	1314.0	1454.6	1595.6	1754.0
42.5°	644.7	733.7	830.5	932.6	1044.7	1166.5	1297.2	1449.9	1608.4	1782.9	1968.8
40°	682.9	776.7	885.7	999.9	1121.4	1260.6	1417.8	1587.3	1780.7	1987.4	2198.7
37.5°	719.8	825.2	940.2	1064.1	1205.1	1361.9	1535.5	1743.2	1966.3	2201.4	2488.7
35°	754.5	871.4	996.4	1132.1	1284.7	1466.4	1674.0	1903.6	2160.7	2463.9	2799.2
32.5°	791.3	915.2	1049.3	1201.6	1374.4	1572.9	1808.7	2078.9	2383.2	2728.4	3147.9
30°	828.4	960.2	1102.0	1266.7	1459.0	1688.6	1956.6	2255.3	2605.3	3038.3	3530.7
27.5°	862.7	1002.3	1157.6	1335.7	1541.2	1795.4	2098.7	2448.9	2861.2	3350.5	3925.8
25°	894.3	1040.5	1208.7	1401.4	1631.9	1910.7	2239.6	2627.3	3117.2	3700.7	4408.4
22.5°	924.3	1075.5	1254.8	1460.5	1713.6	2022.3	2392.4	2836.0	3377.7	4032.5	4881.2
20°	952.5	1113.2	1300.7	1517.0	1786.6	2123.0	2532.9	3031.0	3647.3	4422.5	5344.8
17.5°	977.3	1146.5	1344.1	1578.1	1868.0	2225.4	2665.4	3203.1	3887.3	4770.7	5772.7
15°	998.5	1175.1	1381.6	1631.1	1941.3	2327.1	2804.5	3391.8	4137.6	5087.5	6148.3
12.5°	1016.3	1199.2	1413.2	1675.6	2002.8	2413.1	2923.3	3559.9	4381.5	5385.8	6478.0
10°	1030.4	1218.4	1438.6	1711.6	2052.5	2483.0	3021.2	3697.5	4584.4	5641.5	6757.0
7.5°	1042.2	1233.5	1458.1	1738.9	2090.1	2536.3	3097.4	3803.6	4743.0	5844.0	6971.1
5°	1050.5	1244.3	1472.8	1757.9	2117.6	2573.6	3150.7	3877.9	4855.8	5990.8	7117.5
2.5°	1055.2	1250.1	1481.3	1768.1	2134.5	2594.6	3178.6	3924.5	4917.8	6074.5	7206.0
0°	1056.2	1251.0	1483.4	1769.3	2139.3	2598.6	3183.0	3939.0	4930.9	6096.2	7238.2
-2.5°	1055.2	1250.1	1481.3	1768.1	2134.5	2594.6	3178.6	3924.5	4917.8	6074.5	7206.0
-5°	1050.5	1244.3	1472.8	1757.9	2117.6	2573.6	3150.7	3877.9	4855.8	5990.8	7117.5
-7.5°	1042.2	1233.5	1458.1	1738.9	2090.1	2536.3	3097.4	3803.6	4743.0	5844.0	6971.1
-10°	1030.4	1218.4	1438.6	1711.6	2052.5	2483.0	3021.2	3697.5	4584.4	5641.5	6757.0
-12.5°	1016.3	1199.2	1413.2	1675.6	2002.8	2413.1	2923.3	3559.9	4381.5	5385.8	6478.0
-15°	998.5	1175.1	1381.6	1631.1	1941.3	2327.1	2804.5	3391.8	4137.6	5087.5	6148.3
-17.5°	977.3	1146.5	1344.1	1578.1	1868.0	2225.4	2665.4	3203.1	3887.3	4770.7	5772.7
-20°	952.5	1113.2	1300.7	1517.0	1786.6	2123.0	2532.9	3031.0	3647.3	4422.5	5344.8

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

Scaled Data Report



REPORT NUMBER: P627623 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-727-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°	924.3	1075.5	1254.8	1460.5	1713.6	2022.3	2392.4	2836.0	3377.7	4032.5	4881.2
-25°	894.3	1040.5	1208.7	1401.4	1631.9	1910.7	2239.6	2627.3	3117.2	3700.7	4408.4
-27.5°	862.7	1002.3	1157.6	1335.7	1541.2	1795.4	2098.7	2448.9	2861.2	3350.5	3925.8
-30°	828.4	960.2	1102.0	1266.7	1459.0	1688.6	1956.6	2255.3	2605.3	3038.3	3530.7
-32.5°	791.3	915.2	1049.3	1201.6	1374.4	1572.9	1808.7	2078.9	2383.2	2728.4	3147.9
-35°	754.5	871.4	996.4	1132.1	1284.7	1466.4	1674.0	1903.6	2160.7	2463.9	2799.2
-37.5°	719.8	825.2	940.2	1064.1	1205.1	1361.9	1535.5	1743.2	1966.3	2201.4	2488.7
-40°	682.9	776.7	885.7	999.9	1121.4	1260.6	1417.8	1587.3	1780.7	1987.4	2198.7
-42.5°	644.7	733.7	830.5	932.6	1044.7	1166.5	1297.2	1449.9	1608.4	1782.9	1968.8
-45°	611.5	688.7	774.5	870.0	968.5	1074.5	1192.6	1314.0	1454.6	1595.6	1754.0
-47.5°	576.9	644.1	723.1	805.4	895.0	989.2	1088.4	1199.0	1309.1	1434.0	1554.5
-50°	541.9	604.8	669.5	745.3	823.6	906.2	993.9	1086.9	1186.0	1285.1	1390.2
-52.5°	508.4	564.2	622.3	685.7	755.7	828.0	903.9	983.7	1068.9	1154.5	1241.4
-55°	474.1	525.3	574.8	630.1	690.1	754.3	819.0	888.6	956.9	1034.0	1105.1
-57.5°	441.9	485.4	528.9	575.6	627.9	682.5	739.9	797.3	859.2	920.3	978.8
-60°	410.9	446.1	483.8	523.9	565.9	613.7	661.4	712.4	764.2	814.8	866.3
-62.5°	378.7	406.9	438.0	473.5	509.9	545.0	585.7	628.6	672.0	714.0	755.6
-65°	340.6	365.6	390.7	420.1	453.7	481.7	512.1	545.4	582.5	616.0	646.5
-67.5°	300.8	323.0	343.5	363.7	389.6	414.3	438.9	464.6	492.9	522.7	549.0
-70°	257.9	279.8	298.0	314.4	328.6	344.0	363.9	383.5	405.9	434.2	460.2
-72.5°	214.4	234.1	251.4	266.2	275.5	282.6	291.9	303.4	324.7	353.1	378.1
-75°	173.3	188.8	204.1	217.6	223.3	223.8	223.1	226.9	248.0	276.9	302.4
-77.5°	133.8	146.6	158.5	169.5	172.6	172.2	170.2	166.6	182.6	207.4	233.0
-80°	96.4	104.5	113.8	122.4	124.5	123.6	120.9	116.5	129.1	146.9	166.1
-82.5°	62.9	68.4	73.5	78.4	78.9	77.6	75.2	72.4	82.0	93.5	105.6
-85°	32.2	32.2	34.9	37.4	38.5	38.7	37.9	36.2	41.0	46.4	52.1
-87.5°	16.1	16.1	15.8	15.4	14.7	13.8	12.7	11.4	11.9	12.3	12.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627623 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-727-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°	13.2	12.8	12.4	11.9	11.3	11.1	10.9	10.6	10.3	9.6	8.8
85°	58.1	59.4	60.1	60.5	60.5	62.4	64.3	65.9	67.3	61.0	54.1
82.5°	118.2	123.7	128.6	133.4	138.2	141.5	144.0	145.8	147.0	133.0	117.4
80°	186.0	197.7	207.3	216.6	225.4	227.6	227.5	226.3	223.9	204.8	183.2
77.5°	258.8	274.0	286.1	298.1	309.9	314.3	316.4	318.0	319.1	295.5	266.4
75°	324.7	342.8	359.8	375.5	390.0	397.7	402.3	406.0	408.8	385.2	354.0
72.5°	399.8	419.1	437.4	454.9	470.2	480.4	487.1	492.6	496.9	483.4	463.9
70°	482.5	502.5	521.8	540.0	557.4	571.1	581.9	591.1	598.9	600.4	599.7
67.5°	574.4	597.9	620.9	640.7	661.3	680.7	697.7	711.8	723.1	730.6	734.7
65°	677.4	712.8	744.2	770.9	793.3	819.0	841.8	859.2	871.5	880.8	888.8
62.5°	798.8	841.7	877.7	913.3	950.0	985.6	1007.9	1030.3	1052.1	1072.8	1090.4
60°	915.7	962.7	1011.4	1056.8	1098.9	1137.6	1177.6	1213.0	1244.1	1270.1	1289.4
57.5°	1040.2	1097.4	1152.8	1210.5	1264.8	1315.4	1364.8	1410.5	1449.9	1483.1	1510.2
55°	1175.4	1245.3	1311.2	1384.4	1455.4	1520.1	1579.7	1640.8	1695.8	1744.2	1782.6
52.5°	1321.1	1412.1	1499.3	1585.3	1677.2	1760.3	1834.6	1919.2	1994.3	2056.4	2104.7
50°	1495.1	1602.0	1717.1	1823.7	1939.7	2054.0	2159.4	2261.4	2361.2	2447.5	2517.3
47.5°	1693.2	1824.8	1967.4	2108.7	2252.7	2408.9	2548.3	2677.8	2817.3	2938.5	3035.7
45°	1913.5	2081.2	2253.5	2452.0	2634.9	2835.6	3021.3	3188.1	3386.0	3560.4	3700.7
42.5°	2157.8	2381.3	2607.8	2857.9	3100.5	3355.3	3625.9	3865.9	4128.4	4378.6	4580.8
40°	2460.7	2727.8	3031.2	3333.9	3682.2	4009.4	4403.5	4761.8	5087.1	5385.5	5630.0
37.5°	2797.2	3141.1	3522.3	3916.6	4393.1	4860.2	5321.6	5757.3	6141.9	6468.4	6742.4
35°	3179.2	3616.2	4078.0	4653.5	5211.8	5771.3	6292.5	6768.6	7186.9	7555.3	7868.6
32.5°	3618.7	4143.1	4789.5	5436.1	6073.0	6689.0	7261.2	7780.5	8239.3	8652.9	9013.2
30°	4080.7	4796.3	5521.7	6231.1	6926.7	7601.4	8229.4	8801.4	9319.8	9780.3	10195.4
27.5°	4667.8	5460.8	6251.9	7016.5	7781.8	8520.2	9200.8	9836.3	10431.1	10951.6	11426.0
25°	5235.7	6111.8	6952.7	7786.4	8619.5	9412.3	10173.3	10891.0	11572.2	12169.6	12699.3
22.5°	5803.5	6720.5	7619.1	8515.6	9410.4	10294.2	11148.7	11971.0	12732.8	13413.1	14009.3
20°	6329.4	7288.0	8248.9	9215.4	10185.3	11152.8	12112.5	13037.9	13886.6	14671.9	15362.0
17.5°	6800.9	7820.3	8839.1	9872.9	10924.4	11974.7	13040.8	14078.2	15048.4	15942.0	16742.6
15°	7218.4	8282.1	9376.3	10491.8	11620.9	12761.6	13924.9	15085.5	16177.8	17192.7	18086.5
12.5°	7583.4	8689.3	9836.1	11021.4	12246.9	13489.6	14759.1	16031.4	17240.5	18412.3	19377.3
10°	7884.6	9035.7	10234.3	11479.7	12772.1	14109.5	15471.6	16841.1	18173.3	19416.2	20519.9
7.5°	8117.2	9311.4	10546.5	11841.8	13197.7	14608.1	16051.0	17504.3	18925.9	20265.3	21486.4
5°	8281.3	9512.1	10762.8	12110.2	13513.2	14974.7	16474.3	17988.8	19475.0	20883.2	22148.8
2.5°	8376.5	9632.6	10888.7	12273.2	13700.8	15196.6	16736.8	18276.2	19801.6	21262.2	22562.7
0°	8401.7	9668.8	10960.9	12290.6	13759.7	15300.3	16785.5	18329.6	19914.9	21355.3	22651.1
-2.5°	8376.5	9632.6	10888.7	12273.2	13700.8	15196.6	16736.8	18276.2	19801.6	21262.2	22562.7
-5°	8281.3	9512.1	10762.8	12110.2	13513.2	14974.7	16474.3	17988.8	19475.0	20883.2	22148.8
-7.5°	8117.2	9311.4	10546.5	11841.8	13197.7	14608.1	16051.0	17504.3	18925.9	20265.3	21486.4
-10°	7884.6	9035.7	10234.3	11479.7	12772.1	14109.5	15471.6	16841.1	18173.3	19416.2	20519.9
-12.5°	7583.4	8689.3	9836.1	11021.4	12246.9	13489.6	14759.1	16031.4	17240.5	18412.3	19377.3
-15°	7218.4	8282.1	9376.3	10491.8	11620.9	12761.6	13924.9	15085.5	16177.8	17192.7	18086.5
-17.5°	6800.9	7820.3	8839.1	9872.9	10924.4	11974.7	13040.8	14078.2	15048.4	15942.0	16742.6
-20°	6329.4	7288.0	8248.9	9215.4	10185.3	11152.8	12112.5	13037.9	13886.6	14671.9	15362.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627623 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	5803.5	6720.5	7619.1	8515.6	9410.4	10294.2	11148.7	11971.0	12732.8	13413.1	14009.3
-25°	5235.7	6111.8	6952.7	7786.4	8619.5	9412.3	10173.3	10891.0	11572.2	12169.6	12699.3
-27.5°	4667.8	5460.8	6251.9	7016.5	7781.8	8520.2	9200.8	9836.3	10431.1	10951.6	11426.0
-30°	4080.7	4796.3	5521.7	6231.1	6926.7	7601.4	8229.4	8801.4	9319.8	9780.3	10195.4
-32.5°	3618.7	4143.1	4789.5	5436.1	6073.0	6689.0	7261.2	7780.5	8239.3	8652.9	9013.2
-35°	3179.2	3616.2	4078.0	4653.5	5211.8	5771.3	6292.5	6768.6	7186.9	7555.3	7868.6
-37.5°	2797.2	3141.1	3522.3	3916.6	4393.1	4860.2	5321.6	5757.3	6141.9	6468.4	6742.4
-40°	2460.7	2727.8	3031.2	3333.9	3682.2	4009.4	4403.5	4761.8	5087.1	5385.5	5630.0
-42.5°	2157.8	2381.3	2607.8	2857.9	3100.5	3355.3	3625.9	3865.9	4128.4	4378.6	4580.8
-45°	1913.5	2081.2	2253.5	2452.0	2634.9	2835.6	3021.3	3188.1	3386.0	3560.4	3700.7
-47.5°	1693.2	1824.8	1967.4	2108.7	2252.7	2408.9	2548.3	2677.8	2817.3	2938.5	3035.7
-50°	1495.1	1602.0	1717.1	1823.7	1939.7	2054.0	2159.4	2261.4	2361.2	2447.5	2517.3
-52.5°	1321.1	1412.1	1499.3	1585.3	1677.2	1760.3	1834.6	1919.2	1994.3	2056.4	2104.7
-55°	1175.4	1245.3	1311.2	1384.4	1455.4	1520.1	1579.7	1640.8	1695.8	1744.2	1782.6
-57.5°	1040.2	1097.4	1152.8	1210.5	1264.8	1315.4	1364.8	1410.5	1449.9	1483.1	1510.2
-60°	915.7	962.7	1011.4	1056.8	1098.9	1137.6	1177.6	1213.0	1244.1	1270.1	1289.4
-62.5°	798.8	841.7	877.7	913.3	950.0	985.6	1007.9	1030.3	1052.1	1072.8	1090.4
-65°	677.4	712.8	744.2	770.9	793.3	819.0	841.8	859.2	871.5	880.8	888.8
-67.5°	574.4	597.9	620.9	640.7	661.3	680.7	697.7	711.8	723.1	730.6	734.7
-70°	482.5	502.5	521.8	540.0	557.4	571.1	581.9	591.1	598.9	600.4	599.7
-72.5°	399.8	419.1	437.4	454.9	470.2	480.4	487.1	492.6	496.9	483.4	463.9
-75°	324.7	342.8	359.8	375.5	390.0	397.7	402.3	406.0	408.8	385.2	354.0
-77.5°	258.8	274.0	286.1	298.1	309.9	314.3	316.4	318.0	319.1	295.5	266.4
-80°	186.0	197.7	207.3	216.6	225.4	227.6	227.5	226.3	223.9	204.8	183.2
-82.5°	118.2	123.7	128.6	133.4	138.2	141.5	144.0	145.8	147.0	133.0	117.4
-85°	58.1	59.4	60.1	60.5	60.5	62.4	64.3	65.9	67.3	61.0	54.1
-87.5°	13.2	12.8	12.4	11.9	11.3	11.1	10.9	10.6	10.3	9.6	8.8
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P627623 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-727-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	5.4	6.2	7.1	7.9	8.8	9.6	10.3	10.6
85°	46.8	39.1	38.3	37.5	38.3	39.1	46.8	54.1	61.0	67.3	65.9
82.5°	100.9	83.8	81.2	78.6	81.2	83.8	100.9	117.4	133.0	147.0	145.8
80°	160.7	137.5	133.0	128.7	133.0	137.5	160.7	183.2	204.8	223.9	226.3
77.5°	235.9	204.0	194.7	185.9	194.7	204.0	235.9	266.4	295.5	319.1	318.0
75°	321.7	288.2	276.9	266.3	276.9	288.2	321.7	354.0	385.2	408.8	406.0
72.5°	444.3	423.9	403.3	380.7	403.3	423.9	444.3	463.9	483.4	496.9	492.6
70°	599.1	597.6	592.4	584.4	592.4	597.6	599.1	599.7	600.4	598.9	591.1
67.5°	736.6	736.0	737.8	738.1	737.8	736.0	736.6	734.7	730.6	723.1	711.8
65°	893.7	895.5	899.2	900.8	899.2	895.5	893.7	888.8	880.8	871.5	859.2
62.5°	1103.9	1113.1	1117.6	1117.0	1117.6	1113.1	1103.9	1090.4	1072.8	1052.1	1030.3
60°	1303.8	1313.3	1319.2	1320.7	1319.2	1313.3	1303.8	1289.4	1270.1	1244.1	1213.0
57.5°	1531.7	1547.2	1555.5	1556.7	1555.5	1547.2	1531.7	1510.2	1483.1	1449.9	1410.5
55°	1812.1	1832.7	1841.9	1840.8	1841.9	1832.7	1812.1	1782.6	1744.2	1695.8	1640.8
52.5°	2141.2	2166.3	2185.1	2196.5	2185.1	2166.3	2141.2	2104.7	2056.4	1994.3	1919.2
50°	2569.8	2605.7	2628.6	2637.9	2628.6	2605.7	2569.8	2517.3	2447.5	2361.2	2261.4
47.5°	3105.9	3153.5	3188.8	3213.4	3188.8	3153.5	3105.9	3035.7	2938.5	2817.3	2677.8
45°	3804.4	3877.0	3926.3	3955.1	3926.3	3877.0	3804.4	3700.7	3560.4	3386.0	3188.1
42.5°	4738.7	4851.4	4920.5	4947.0	4920.5	4851.4	4738.7	4580.8	4378.6	4128.4	3865.9
40°	5823.1	5958.5	6047.3	6108.7	6047.3	5958.5	5823.1	5630.0	5385.5	5087.1	4761.8
37.5°	6952.6	7094.8	7181.2	7240.0	7181.2	7094.8	6952.6	6742.4	6468.4	6141.9	5757.3
35°	8104.8	8253.7	8334.8	8380.2	8334.8	8253.7	8104.8	7868.6	7555.3	7186.9	6768.6
32.5°	9287.8	9451.8	9540.0	9631.3	9540.0	9451.8	9287.8	9013.2	8652.9	8239.3	7780.5
30°	10523.3	10711.5	10803.8	10848.4	10803.8	10711.5	10523.3	10195.4	9780.3	9319.8	8801.4
27.5°	11808.9	12043.6	12159.1	12235.2	12159.1	12043.6	11808.9	11426.0	10951.6	10431.1	9836.3
25°	13146.7	13437.4	13569.8	13688.2	13569.8	13437.4	13146.7	12699.3	12169.6	11572.2	10891.0
22.5°	14534.6	14896.7	15050.0	15134.1	15050.0	14896.7	14534.6	14009.3	13413.1	12732.8	11971.0
20°	15958.7	16391.4	16604.3	16714.0	16604.3	16391.4	15958.7	15362.0	14671.9	13886.6	13037.9
17.5°	17415.0	17953.2	18228.8	18292.1	18228.8	17953.2	17415.0	16742.6	15942.0	15048.4	14078.2
15°	18844.7	19426.8	19752.6	19872.0	19752.6	19426.8	18844.7	18086.5	17192.7	16177.8	15085.5
12.5°	20198.7	20802.0	21191.3	21260.6	21191.3	20802.0	20198.7	19377.3	18412.3	17240.5	16031.4
10°	21426.6	22051.6	22481.6	22579.6	22481.6	22051.6	21426.6	20519.9	19416.2	18173.3	16841.1
7.5°	22453.2	23138.9	23613.9	23696.6	23613.9	23138.9	22453.2	21486.4	20265.3	18925.9	17504.3
5°	23204.2	24018.4	24408.3	24506.2	24408.3	24018.4	23204.2	22148.8	20883.2	19475.0	17988.8
2.5°	23616.2	24445.0	24987.0	24924.4	24987.0	24445.0	23616.2	22562.7	21262.2	19801.6	18276.2
0°	23662.6	24529.4	25047.7	25287.2	25047.7	24529.4	23662.6	22651.1	21355.3	19914.9	18329.6
-2.5°	23616.2	24445.0	24987.0	24924.4	24987.0	24445.0	23616.2	22562.7	21262.2	19801.6	18276.2
-5°	23204.2	24018.4	24408.3	24506.2	24408.3	24018.4	23204.2	22148.8	20883.2	19475.0	17988.8
-7.5°	22453.2	23138.9	23613.9	23696.6	23613.9	23138.9	22453.2	21486.4	20265.3	18925.9	17504.3
-10°	21426.6	22051.6	22481.6	22579.6	22481.6	22051.6	21426.6	20519.9	19416.2	18173.3	16841.1
-12.5°	20198.7	20802.0	21191.3	21260.6	21191.3	20802.0	20198.7	19377.3	18412.3	17240.5	16031.4
-15°	18844.7	19426.8	19752.6	19872.0	19752.6	19426.8	18844.7	18086.5	17192.7	16177.8	15085.5
-17.5°	17415.0	17953.2	18228.8	18292.1	18228.8	17953.2	17415.0	16742.6	15942.0	15048.4	14078.2
-20°	15958.7	16391.4	16604.3	16714.0	16604.3	16391.4	15958.7	15362.0	14671.9	13886.6	13037.9



REPORT NUMBER: P627623 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-727-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°	14534.6	14896.7	15050.0	15134.1	15050.0	14896.7	14534.6	14009.3	13413.1	12732.8	11971.0
-25°	13146.7	13437.4	13569.8	13688.2	13569.8	13437.4	13146.7	12699.3	12169.6	11572.2	10891.0
-27.5°	11808.9	12043.6	12159.1	12235.2	12159.1	12043.6	11808.9	11426.0	10951.6	10431.1	9836.3
-30°	10523.3	10711.5	10803.8	10848.4	10803.8	10711.5	10523.3	10195.4	9780.3	9319.8	8801.4
-32.5°	9287.8	9451.8	9540.0	9631.3	9540.0	9451.8	9287.8	9013.2	8652.9	8239.3	7780.5
-35°	8104.8	8253.7	8334.8	8380.2	8334.8	8253.7	8104.8	7868.6	7555.3	7186.9	6768.6
-37.5°	6952.6	7094.8	7181.2	7240.0	7181.2	7094.8	6952.6	6742.4	6468.4	6141.9	5757.3
-40°	5823.1	5958.5	6047.3	6108.7	6047.3	5958.5	5823.1	5630.0	5385.5	5087.1	4761.8
-42.5°	4738.7	4851.4	4920.5	4947.0	4920.5	4851.4	4738.7	4580.8	4378.6	4128.4	3865.9
-45°	3804.4	3877.0	3926.3	3955.1	3926.3	3877.0	3804.4	3700.7	3560.4	3386.0	3188.1
-47.5°	3105.9	3153.5	3188.8	3213.4	3188.8	3153.5	3105.9	3035.7	2938.5	2817.3	2677.8
-50°	2569.8	2605.7	2628.6	2637.9	2628.6	2605.7	2569.8	2517.3	2447.5	2361.2	2261.4
-52.5°	2141.2	2166.3	2185.1	2196.5	2185.1	2166.3	2141.2	2104.7	2056.4	1994.3	1919.2
-55°	1812.1	1832.7	1841.9	1840.8	1841.9	1832.7	1812.1	1782.6	1744.2	1695.8	1640.8
-57.5°	1531.7	1547.2	1555.5	1556.7	1555.5	1547.2	1531.7	1510.2	1483.1	1449.9	1410.5
-60°	1303.8	1313.3	1319.2	1320.7	1319.2	1313.3	1303.8	1289.4	1270.1	1244.1	1213.0
-62.5°	1103.9	1113.1	1117.6	1117.0	1117.6	1113.1	1103.9	1090.4	1072.8	1052.1	1030.3
-65°	893.7	895.5	899.2	900.8	899.2	895.5	893.7	888.8	880.8	871.5	859.2
-67.5°	736.6	736.0	737.8	738.1	737.8	736.0	736.6	734.7	730.6	723.1	711.8
-70°	599.1	597.6	592.4	584.4	592.4	597.6	599.1	599.7	600.4	598.9	591.1
-72.5°	444.3	423.9	403.3	380.7	403.3	423.9	444.3	463.9	483.4	496.9	492.6
-75°	321.7	288.2	276.9	266.3	276.9	288.2	321.7	354.0	385.2	408.8	406.0
-77.5°	235.9	204.0	194.7	185.9	194.7	204.0	235.9	266.4	295.5	319.1	318.0
-80°	160.7	137.5	133.0	128.7	133.0	137.5	160.7	183.2	204.8	223.9	226.3
-82.5°	100.9	83.8	81.2	78.6	81.2	83.8	100.9	117.4	133.0	147.0	145.8
-85°	46.8	39.1	38.3	37.5	38.3	39.1	46.8	54.1	61.0	67.3	65.9
-87.5°	7.9	7.1	6.2	5.4	6.2	7.1	7.9	8.8	9.6	10.3	10.6
-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: P627623 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-727-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°	10.9	11.1	11.3	11.9	12.4	12.8	13.2	12.8	12.3	11.9	11.4
85°	64.3	62.4	60.5	60.5	60.1	59.4	58.1	52.1	46.4	41.0	36.2
82.5°	144.0	141.5	138.2	133.4	128.6	123.7	118.2	105.6	93.5	82.0	72.4
80°	227.5	227.6	225.4	216.6	207.3	197.7	186.0	166.1	146.9	129.1	116.5
77.5°	316.4	314.3	309.9	298.1	286.1	274.0	258.8	233.0	207.4	182.6	166.6
75°	402.3	397.7	390.0	375.5	359.8	342.8	324.7	302.4	276.9	248.0	226.9
72.5°	487.1	480.4	470.2	454.9	437.4	419.1	399.8	378.1	353.1	324.7	303.4
70°	581.9	571.1	557.4	540.0	521.8	502.5	482.5	460.2	434.2	405.9	383.5
67.5°	697.7	680.7	661.3	640.7	620.9	597.9	574.4	549.0	522.7	492.9	464.6
65°	841.8	819.0	793.3	770.9	744.2	712.8	677.4	646.5	616.0	582.5	545.4
62.5°	1007.9	985.6	950.0	913.3	877.7	841.7	798.8	755.6	714.0	672.0	628.6
60°	1177.6	1137.6	1098.9	1056.8	1011.4	962.7	915.7	866.3	814.8	764.2	712.4
57.5°	1364.8	1315.4	1264.8	1210.5	1152.8	1097.4	1040.2	978.8	920.3	859.2	797.3
55°	1579.7	1520.1	1455.4	1384.4	1311.2	1245.3	1175.4	1105.1	1034.0	956.9	888.6
52.5°	1834.6	1760.3	1677.2	1585.3	1499.3	1412.1	1321.1	1241.4	1154.5	1068.9	983.7
50°	2159.4	2054.0	1939.7	1823.7	1717.1	1602.0	1495.1	1390.2	1285.1	1186.0	1086.9
47.5°	2548.3	2408.9	2252.7	2108.7	1967.4	1824.8	1693.2	1554.5	1434.0	1309.1	1199.0
45°	3021.3	2835.6	2634.9	2452.0	2253.5	2081.2	1913.5	1754.0	1595.6	1454.6	1314.0
42.5°	3625.9	3355.3	3100.5	2857.9	2607.8	2381.3	2157.8	1968.8	1782.9	1608.4	1449.9
40°	4403.5	4009.4	3682.2	3333.9	3031.2	2727.8	2460.7	2198.7	1987.4	1780.7	1587.3
37.5°	5321.6	4860.2	4393.1	3916.6	3522.3	3141.1	2797.2	2488.7	2201.4	1966.3	1743.2
35°	6292.5	5771.3	5211.8	4653.5	4078.0	3616.2	3179.2	2799.2	2463.9	2160.7	1903.6
32.5°	7261.2	6689.0	6073.0	5436.1	4789.5	4143.1	3618.7	3147.9	2728.4	2383.2	2078.9
30°	8229.4	7601.4	6926.7	6231.1	5521.7	4796.3	4080.7	3530.7	3038.3	2605.3	2255.3
27.5°	9200.8	8520.2	7781.8	7016.5	6251.9	5460.8	4667.8	3925.8	3350.5	2861.2	2448.9
25°	10173.3	9412.3	8619.5	7786.4	6952.7	6111.8	5235.7	4408.4	3700.7	3117.2	2627.3
22.5°	11148.7	10294.2	9410.4	8515.6	7619.1	6720.5	5803.5	4881.2	4032.5	3377.7	2836.0
20°	12112.5	11152.8	10185.3	9215.4	8248.9	7288.0	6329.4	5344.8	4422.5	3647.3	3031.0
17.5°	13040.8	11974.7	10924.4	9872.9	8839.1	7820.3	6800.9	5772.7	4770.7	3887.3	3203.1
15°	13924.9	12761.6	11620.9	10491.8	9376.3	8282.1	7218.4	6148.3	5087.5	4137.6	3391.8
12.5°	14759.1	13489.6	12246.9	11021.4	9836.1	8689.3	7583.4	6478.0	5385.8	4381.5	3559.9
10°	15471.6	14109.5	12772.1	11479.7	10234.3	9035.7	7884.6	6757.0	5641.5	4584.4	3697.5
7.5°	16051.0	14608.1	13197.7	11841.8	10546.5	9311.4	8117.2	6971.1	5844.0	4743.0	3803.6
5°	16474.3	14974.7	13513.2	12110.2	10762.8	9512.1	8281.3	7117.5	5990.8	4855.8	3877.9
2.5°	16736.8	15196.6	13700.8	12273.2	10888.7	9632.6	8376.5	7206.0	6074.5	4917.8	3924.5
0°	16785.5	15300.3	13759.7	12290.6	10960.9	9668.8	8401.7	7238.2	6096.2	4930.9	3939.0
-2.5°	16736.8	15196.6	13700.8	12273.2	10888.7	9632.6	8376.5	7206.0	6074.5	4917.8	3924.5
-5°	16474.3	14974.7	13513.2	12110.2	10762.8	9512.1	8281.3	7117.5	5990.8	4855.8	3877.9
-7.5°	16051.0	14608.1	13197.7	11841.8	10546.5	9311.4	8117.2	6971.1	5844.0	4743.0	3803.6
-10°	15471.6	14109.5	12772.1	11479.7	10234.3	9035.7	7884.6	6757.0	5641.5	4584.4	3697.5
-12.5°	14759.1	13489.6	12246.9	11021.4	9836.1	8689.3	7583.4	6478.0	5385.8	4381.5	3559.9
-15°	13924.9	12761.6	11620.9	10491.8	9376.3	8282.1	7218.4	6148.3	5087.5	4137.6	3391.8
-17.5°	13040.8	11974.7	10924.4	9872.9	8839.1	7820.3	6800.9	5772.7	4770.7	3887.3	3203.1
-20°	12112.5	11152.8	10185.3	9215.4	8248.9	7288.0	6329.4	5344.8	4422.5	3647.3	3031.0

Classified

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

Scaled Data Report



REPORT NUMBER: P627623 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	11148.7	10294.2	9410.4	8515.6	7619.1	6720.5	5803.5	4881.2	4032.5	3377.7	2836.0
-25°	10173.3	9412.3	8619.5	7786.4	6952.7	6111.8	5235.7	4408.4	3700.7	3117.2	2627.3
-27.5°	9200.8	8520.2	7781.8	7016.5	6251.9	5460.8	4667.8	3925.8	3350.5	2861.2	2448.9
-30°	8229.4	7601.4	6926.7	6231.1	5521.7	4796.3	4080.7	3530.7	3038.3	2605.3	2255.3
-32.5°	7261.2	6689.0	6073.0	5436.1	4789.5	4143.1	3618.7	3147.9	2728.4	2383.2	2078.9
-35°	6292.5	5771.3	5211.8	4653.5	4078.0	3616.2	3179.2	2799.2	2463.9	2160.7	1903.6
-37.5°	5321.6	4860.2	4393.1	3916.6	3522.3	3141.1	2797.2	2488.7	2201.4	1966.3	1743.2
-40°	4403.5	4009.4	3682.2	3333.9	3031.2	2727.8	2460.7	2198.7	1987.4	1780.7	1587.3
-42.5°	3625.9	3355.3	3100.5	2857.9	2607.8	2381.3	2157.8	1968.8	1782.9	1608.4	1449.9
-45°	3021.3	2835.6	2634.9	2452.0	2253.5	2081.2	1913.5	1754.0	1595.6	1454.6	1314.0
-47.5°	2548.3	2408.9	2252.7	2108.7	1967.4	1824.8	1693.2	1554.5	1434.0	1309.1	1199.0
-50°	2159.4	2054.0	1939.7	1823.7	1717.1	1602.0	1495.1	1390.2	1285.1	1186.0	1086.9
-52.5°	1834.6	1760.3	1677.2	1585.3	1499.3	1412.1	1321.1	1241.4	1154.5	1068.9	983.7
-55°	1579.7	1520.1	1455.4	1384.4	1311.2	1245.3	1175.4	1105.1	1034.0	956.9	888.6
-57.5°	1364.8	1315.4	1264.8	1210.5	1152.8	1097.4	1040.2	978.8	920.3	859.2	797.3
-60°	1177.6	1137.6	1098.9	1056.8	1011.4	962.7	915.7	866.3	814.8	764.2	712.4
-62.5°	1007.9	985.6	950.0	913.3	877.7	841.7	798.8	755.6	714.0	672.0	628.6
-65°	841.8	819.0	793.3	770.9	744.2	712.8	677.4	646.5	616.0	582.5	545.4
-67.5°	697.7	680.7	661.3	640.7	620.9	597.9	574.4	549.0	522.7	492.9	464.6
-70°	581.9	571.1	557.4	540.0	521.8	502.5	482.5	460.2	434.2	405.9	383.5
-72.5°	487.1	480.4	470.2	454.9	437.4	419.1	399.8	378.1	353.1	324.7	303.4
-75°	402.3	397.7	390.0	375.5	359.8	342.8	324.7	302.4	276.9	248.0	226.9
-77.5°	316.4	314.3	309.9	298.1	286.1	274.0	258.8	233.0	207.4	182.6	166.6
-80°	227.5	227.6	225.4	216.6	207.3	197.7	186.0	166.1	146.9	129.1	116.5
-82.5°	144.0	141.5	138.2	133.4	128.6	123.7	118.2	105.6	93.5	82.0	72.4
-85°	64.3	62.4	60.5	60.5	60.1	59.4	58.1	52.1	46.4	41.0	36.2
-87.5°	10.9	11.1	11.3	11.9	12.4	12.8	13.2	12.8	12.3	11.9	11.4
-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: P627623 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA5C-727-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°	12.7	13.8	14.7	15.4	15.8	16.1	16.1	15.9	15.2	14.4	13.3
85°	37.9	38.7	38.5	37.4	34.9	32.2	32.2	31.7	30.4	28.7	26.6
82.5°	75.2	77.6	78.9	78.4	73.5	68.4	62.9	57.1	51.0	44.0	39.9
80°	120.9	123.6	124.5	122.4	113.8	104.5	96.4	88.1	80.0	70.8	60.6
77.5°	170.2	172.2	172.6	169.5	158.5	146.6	133.8	120.5	109.1	97.6	84.9
75°	223.1	223.8	223.3	217.6	204.1	188.8	173.3	156.6	140.0	124.4	109.1
72.5°	291.9	282.6	275.5	266.2	251.4	234.1	214.4	192.3	171.1	151.3	132.9
70°	363.9	344.0	328.6	314.4	298.0	279.8	257.9	230.1	201.8	177.7	155.3
67.5°	438.9	414.3	389.6	363.7	343.5	323.0	300.8	267.4	233.5	203.6	177.3
65°	512.1	481.7	453.7	420.1	390.7	365.6	340.6	302.7	264.0	229.2	198.8
62.5°	585.7	545.0	509.9	473.5	438.0	406.9	378.7	335.6	293.3	253.7	219.1
60°	661.4	613.7	565.9	523.9	483.8	446.1	410.9	367.4	321.6	277.1	238.5
57.5°	739.9	682.5	627.9	575.6	528.9	485.4	441.9	396.8	349.0	300.8	255.9
55°	819.0	754.3	690.1	630.1	574.8	525.3	474.1	424.9	375.2	323.9	269.7
52.5°	903.9	828.0	755.7	685.7	622.3	564.2	508.4	452.4	400.2	346.1	284.8
50°	993.9	906.2	823.6	745.3	669.5	604.8	541.9	482.6	424.6	367.6	299.0
47.5°	1088.4	989.2	895.0	805.4	723.1	644.1	576.9	512.1	448.3	388.8	311.9
45°	1192.6	1074.5	968.5	870.0	774.5	688.7	611.5	540.7	474.0	404.0	323.5
42.5°	1297.2	1166.5	1044.7	932.6	830.5	733.7	644.7	570.4	498.7	417.8	334.9
40°	1417.8	1260.6	1121.4	999.9	885.7	776.7	682.9	599.1	521.7	431.6	345.9
37.5°	1535.5	1361.9	1205.1	1064.1	940.2	825.2	719.8	626.2	539.9	446.7	355.9
35°	1674.0	1466.4	1284.7	1132.1	996.4	871.4	754.5	654.1	559.8	461.1	364.8
32.5°	1808.7	1572.9	1374.4	1201.6	1049.3	915.2	791.3	682.5	580.1	474.8	372.6
30°	1956.6	1688.6	1459.0	1266.7	1102.0	960.2	828.4	709.3	600.6	487.8	380.1
27.5°	2098.7	1795.4	1541.2	1335.7	1157.6	1002.3	862.7	734.4	621.1	501.4	389.6
25°	2239.6	1910.7	1631.9	1401.4	1208.7	1040.5	894.3	757.9	641.2	516.5	398.0
22.5°	2392.4	2022.3	1713.6	1460.5	1254.8	1075.5	924.3	783.6	659.7	531.0	405.4
20°	2532.9	2123.0	1786.6	1517.0	1300.7	1113.2	952.5	806.6	676.3	544.6	411.7
17.5°	2665.4	2225.4	1868.0	1578.1	1344.1	1146.5	977.3	826.8	690.9	557.1	416.8
15°	2804.5	2327.1	1941.3	1631.1	1381.6	1175.1	998.5	844.1	703.5	568.4	421.6
12.5°	2923.3	2413.1	2002.8	1675.6	1413.2	1199.2	1016.3	858.6	714.1	577.9	425.9
10°	3021.2	2483.0	2052.5	1711.6	1438.6	1218.4	1030.4	870.2	722.9	585.4	428.3
7.5°	3097.4	2536.3	2090.1	1738.9	1458.1	1233.5	1042.2	879.3	729.6	590.6	428.8
5°	3150.7	2573.6	2117.6	1757.9	1472.8	1244.3	1050.5	885.4	734.2	593.4	427.5
2.5°	3178.6	2594.6	2134.5	1768.1	1481.3	1250.1	1055.2	888.3	736.5	593.8	424.6
0°	3183.0	2598.6	2139.3	1769.3	1483.4	1251.0	1056.2	888.2	736.3	591.6	420.0
-2.5°	3178.6	2594.6	2134.5	1768.1	1481.3	1250.1	1055.2	888.3	736.5	593.8	424.6
-5°	3150.7	2573.6	2117.6	1757.9	1472.8	1244.3	1050.5	885.4	734.2	593.4	427.5
-7.5°	3097.4	2536.3	2090.1	1738.9	1458.1	1233.5	1042.2	879.3	729.6	590.6	428.8
-10°	3021.2	2483.0	2052.5	1711.6	1438.6	1218.4	1030.4	870.2	722.9	585.4	428.3
-12.5°	2923.3	2413.1	2002.8	1675.6	1413.2	1199.2	1016.3	858.6	714.1	577.9	425.9
-15°	2804.5	2327.1	1941.3	1631.1	1381.6	1175.1	998.5	844.1	703.5	568.4	421.6
-17.5°	2665.4	2225.4	1868.0	1578.1	1344.1	1146.5	977.3	826.8	690.9	557.1	416.8
-20°	2532.9	2123.0	1786.6	1517.0	1300.7	1113.2	952.5	806.6	676.3	544.6	411.7

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627623 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-727-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°	2392.4	2022.3	1713.6	1460.5	1254.8	1075.5	924.3	783.6	659.7	531.0	405.4
-25°	2239.6	1910.7	1631.9	1401.4	1208.7	1040.5	894.3	757.9	641.2	516.5	398.0
-27.5°	2098.7	1795.4	1541.2	1335.7	1157.6	1002.3	862.7	734.4	621.1	501.4	389.6
-30°	1956.6	1688.6	1459.0	1266.7	1102.0	960.2	828.4	709.3	600.6	487.8	380.1
-32.5°	1808.7	1572.9	1374.4	1201.6	1049.3	915.2	791.3	682.5	580.1	474.8	372.6
-35°	1674.0	1466.4	1284.7	1132.1	996.4	871.4	754.5	654.1	559.8	461.1	364.8
-37.5°	1535.5	1361.9	1205.1	1064.1	940.2	825.2	719.8	626.2	539.9	446.7	355.9
-40°	1417.8	1260.6	1121.4	999.9	885.7	776.7	682.9	599.1	521.7	431.6	345.9
-42.5°	1297.2	1166.5	1044.7	932.6	830.5	733.7	644.7	570.4	498.7	417.8	334.9
-45°	1192.6	1074.5	968.5	870.0	774.5	688.7	611.5	540.7	474.0	404.0	323.5
-47.5°	1088.4	989.2	895.0	805.4	723.1	644.1	576.9	512.1	448.3	388.8	311.9
-50°	993.9	906.2	823.6	745.3	669.5	604.8	541.9	482.6	424.6	367.6	299.0
-52.5°	903.9	828.0	755.7	685.7	622.3	564.2	508.4	452.4	400.2	346.1	284.8
-55°	819.0	754.3	690.1	630.1	574.8	525.3	474.1	424.9	375.2	323.9	269.7
-57.5°	739.9	682.5	627.9	575.6	528.9	485.4	441.9	396.8	349.0	300.8	255.9
-60°	661.4	613.7	565.9	523.9	483.8	446.1	410.9	367.4	321.6	277.1	238.5
-62.5°	585.7	545.0	509.9	473.5	438.0	406.9	378.7	335.6	293.3	253.7	219.1
-65°	512.1	481.7	453.7	420.1	390.7	365.6	340.6	302.7	264.0	229.2	198.8
-67.5°	438.9	414.3	389.6	363.7	343.5	323.0	300.8	267.4	233.5	203.6	177.3
-70°	363.9	344.0	328.6	314.4	298.0	279.8	257.9	230.1	201.8	177.7	155.3
-72.5°	291.9	282.6	275.5	266.2	251.4	234.1	214.4	192.3	171.1	151.3	132.9
-75°	223.1	223.8	223.3	217.6	204.1	188.8	173.3	156.6	140.0	124.4	109.1
-77.5°	170.2	172.2	172.6	169.5	158.5	146.6	133.8	120.5	109.1	97.6	84.9
-80°	120.9	123.6	124.5	122.4	113.8	104.5	96.4	88.1	80.0	70.8	60.6
-82.5°	75.2	77.6	78.9	78.4	73.5	68.4	62.9	57.1	51.0	44.0	39.9
-85°	37.9	38.7	38.5	37.4	34.9	32.2	32.2	31.7	30.4	28.7	26.6
-87.5°	12.7	13.8	14.7	15.4	15.8	16.1	16.1	15.9	15.2	14.4	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

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627623 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-727-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°	12.0	9.4	7.0	4.8	3.0	1.3	0.0
85°	24.0	18.7	13.9	9.7	5.9	2.6	0.0
82.5°	35.9	28.0	20.9	14.5	8.8	3.8	0.0
80°	48.8	37.2	27.7	19.2	11.7	5.1	0.0
77.5°	69.6	48.3	34.4	23.9	14.6	6.4	0.0
75°	89.8	63.2	41.7	28.5	17.4	7.6	0.0
72.5°	109.4	77.6	51.6	33.0	20.2	8.8	0.0
70°	128.0	91.4	61.2	37.7	22.9	10.0	0.0
67.5°	144.1	104.6	70.4	43.6	25.5	11.2	0.0
65°	159.4	116.8	79.1	49.2	28.0	12.3	0.0
62.5°	173.9	127.8	87.4	54.5	30.4	13.4	0.0
60°	187.4	138.3	95.1	59.5	32.8	14.4	0.0
57.5°	199.7	148.0	102.2	64.2	35.6	15.5	0.0
55°	211.0	156.9	108.9	68.5	38.3	16.5	0.0
52.5°	221.4	165.1	115.0	72.4	41.0	17.4	0.0
50°	230.8	172.6	120.5	76.0	43.5	18.3	0.0
47.5°	239.5	179.4	125.5	79.2	45.9	19.1	0.0
45°	249.3	185.4	129.8	82.5	48.1	19.9	0.0
42.5°	258.1	190.6	133.6	85.3	50.3	20.7	0.0
40°	265.8	195.0	137.0	88.4	52.3	21.4	0.0
37.5°	272.3	198.7	140.0	91.6	54.2	22.0	0.0
35°	277.8	202.7	142.5	94.5	55.9	22.6	0.0
32.5°	282.8	206.6	144.4	97.2	57.5	23.1	0.0
30°	288.3	209.6	145.7	99.6	58.9	23.6	0.0
27.5°	292.9	211.7	148.8	101.7	60.2	24.0	0.0
25°	296.4	213.0	151.8	103.6	61.4	24.4	0.0
22.5°	298.9	214.6	154.5	105.1	62.3	24.7	0.0
20°	300.3	218.5	156.7	106.4	63.2	24.9	0.0
17.5°	303.7	221.7	158.6	107.5	63.9	25.1	0.0
15°	307.7	224.2	160.1	108.2	64.4	25.3	0.0
12.5°	310.7	226.1	161.2	108.7	64.8	25.4	0.0
10°	312.5	227.2	162.0	108.9	65.0	25.4	0.0
7.5°	313.2	227.7	162.3	108.9	65.0	25.4	0.0
5°	312.9	227.5	162.2	108.6	64.9	25.3	0.0
2.5°	311.6	226.7	161.7	108.0	64.7	25.2	0.0
0°	309.2	225.2	160.8	107.2	64.3	25.0	0.0
-2.5°	311.6	226.7	161.7	108.0	64.7	25.2	0.0
-5°	312.9	227.5	162.2	108.6	64.9	25.3	0.0
-7.5°	313.2	227.7	162.3	108.9	65.0	25.4	0.0
-10°	312.5	227.2	162.0	108.9	65.0	25.4	0.0
-12.5°	310.7	226.1	161.2	108.7	64.8	25.4	0.0
-15°	307.7	224.2	160.1	108.2	64.4	25.3	0.0
-17.5°	303.7	221.7	158.6	107.5	63.9	25.1	0.0
-20°	300.3	218.5	156.7	106.4	63.2	24.9	0.0

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1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report



REPORT NUMBER: P627623 (CONVERTED FROM TYPE C PHOTOMETRY)
CATALOG NUMBER: GFLD-SA5C-727-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	298.9	214.6	154.5	105.1	62.3	24.7	0.0
-25°	296.4	213.0	151.8	103.6	61.4	24.4	0.0
-27.5°	292.9	211.7	148.8	101.7	60.2	24.0	0.0
-30°	288.3	209.6	145.7	99.6	58.9	23.6	0.0
-32.5°	282.8	206.6	144.4	97.2	57.5	23.1	0.0
-35°	277.8	202.7	142.5	94.5	55.9	22.6	0.0
-37.5°	272.3	198.7	140.0	91.6	54.2	22.0	0.0
-40°	265.8	195.0	137.0	88.4	52.3	21.4	0.0
-42.5°	258.1	190.6	133.6	85.3	50.3	20.7	0.0
-45°	249.3	185.4	129.8	82.5	48.1	19.9	0.0
-47.5°	239.5	179.4	125.5	79.2	45.9	19.1	0.0
-50°	230.8	172.6	120.5	76.0	43.5	18.3	0.0
-52.5°	221.4	165.1	115.0	72.4	41.0	17.4	0.0
-55°	211.0	156.9	108.9	68.5	38.3	16.5	0.0
-57.5°	199.7	148.0	102.2	64.2	35.6	15.5	0.0
-60°	187.4	138.3	95.1	59.5	32.8	14.4	0.0
-62.5°	173.9	127.8	87.4	54.5	30.4	13.4	0.0
-65°	159.4	116.8	79.1	49.2	28.0	12.3	0.0
-67.5°	144.1	104.6	70.4	43.6	25.5	11.2	0.0
-70°	128.0	91.4	61.2	37.7	22.9	10.0	0.0
-72.5°	109.4	77.6	51.6	33.0	20.2	8.8	0.0
-75°	89.8	63.2	41.7	28.5	17.4	7.6	0.0
-77.5°	69.6	48.3	34.4	23.9	14.6	6.4	0.0
-80°	48.8	37.2	27.7	19.2	11.7	5.1	0.0
-82.5°	35.9	28.0	20.9	14.5	8.8	3.8	0.0
-85°	24.0	18.7	13.9	9.7	5.9	2.6	0.0
-87.5°	12.0	9.4	7.0	4.8	3.0	1.3	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)