

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: P627103 (CONVERTED FROM TYPE C PHOTOMETRY)

Luminaire Tested: **GFLD-SA3B-735-U-WR-XX**

Issue Date: 12/7/2022

Test Information

Test Method: LM-79-08
Report Number: P627103 (CONVERTED FROM TYPE C PHOTOMETRY)
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-766-1)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 12/7/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GFLD-SA3B-735-U-WR-XX
Description: GALLEON FLOOD, THREE LIGHT SQAURE, WIDE SYMMETRICAL ROUND N72
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: -

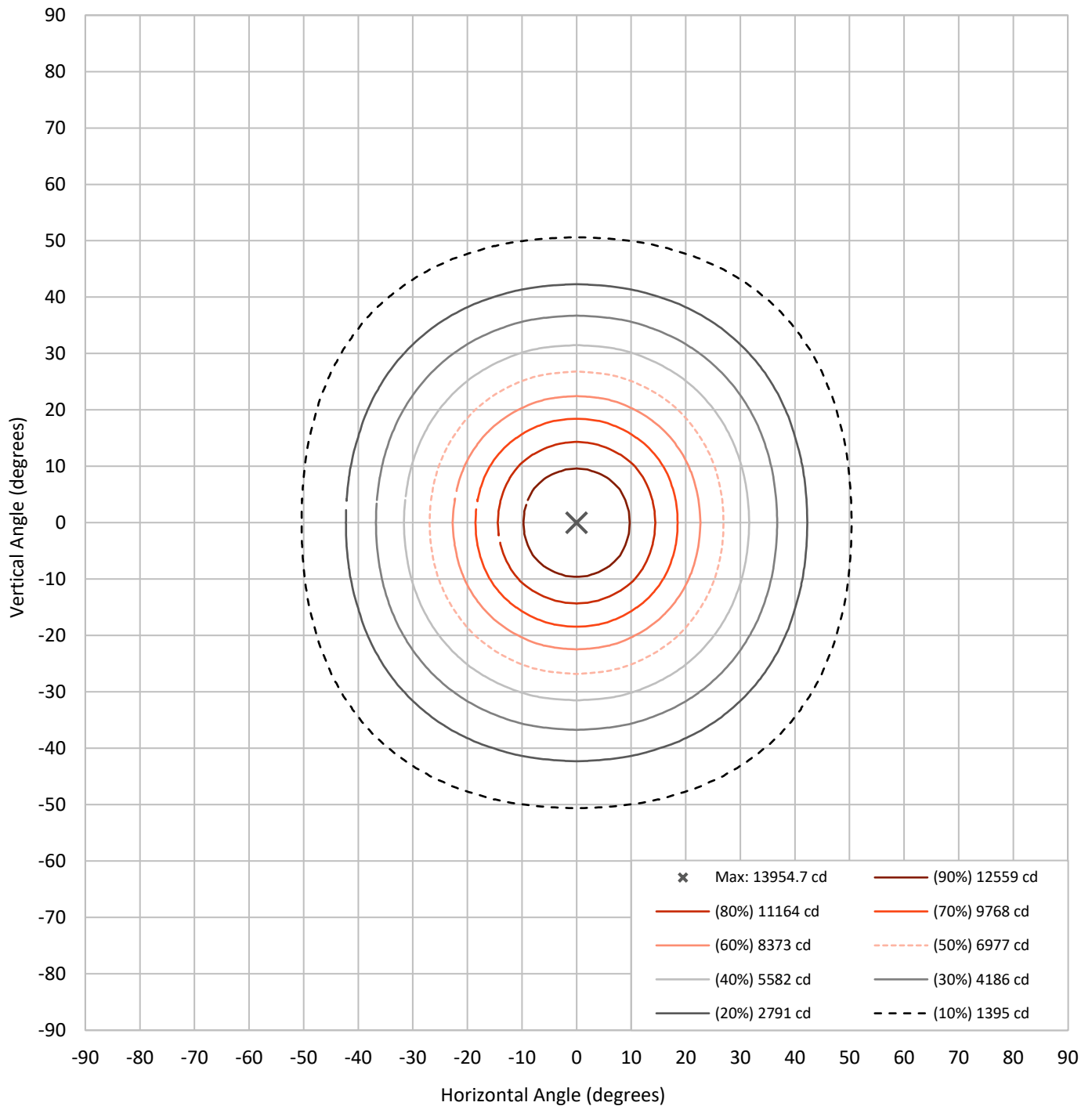
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	14202.6 lumens	Max Intensity:	13954.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	151.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	53.8°H x 53.6°V	Field Angle (10%):	100.8°H x 101.2°V
Beam Lumens:	6790.8 lumens	Field Lumens:	12534.3 lumens
Beam Efficiency:	47.8%	Field Efficiency:	88.3%
Input Watts (W):	93.7		
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		



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Iso-Candela Plot





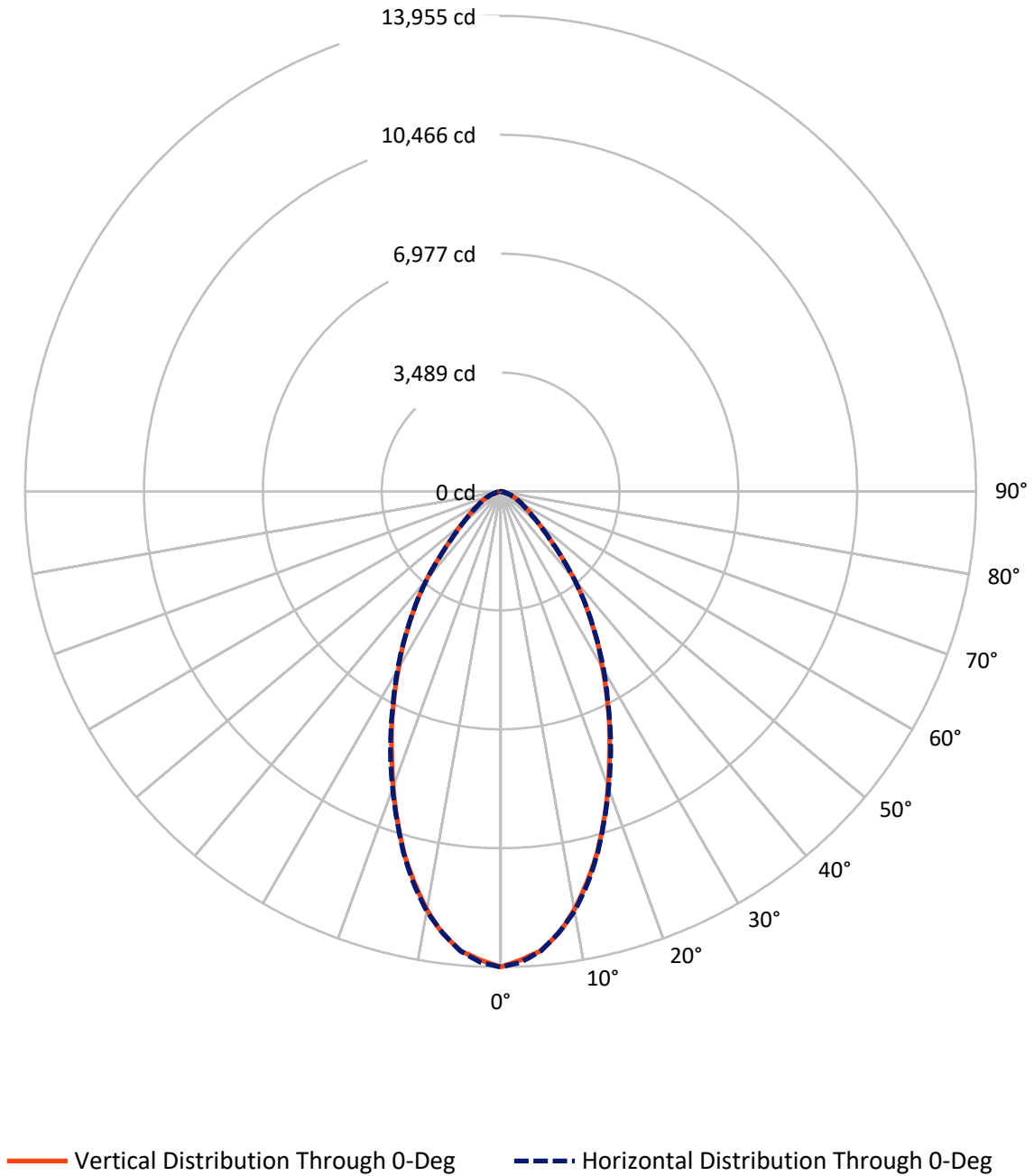
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Lumen Table

90															90	
80	0.5	3.9		8.9		14.9		12.7		14.9		8.9		3.9		0.5
70															70	
60	1.8	2.2	4.1	6.5	9.5	12.3	14.4	15.4	15.4	14.4	12.3	9.5	6.5	4.1	2.2	1.8
50		3.1	6.2	10.7	16.3	22.5	28.1	31.3	31.3	28.1	22.5	16.3	10.7	6.2	3.1	
40	2.7	3.9	8.5	15.9	26.8	41.2	56.8	67.2	67.2	56.8	41.2	26.8	15.9	8.5	3.9	2.7
30		4.8	11.2	23.1	45.0	79.9	116.1	137.8	137.8	116.1	79.9	45.0	23.1	11.2	4.8	
20	3.2	5.6	13.9	32.4	72.8	130.8	187.2	223.7	223.7	187.2	130.8	72.8	32.4	13.9	5.6	3.2
10		6.2	16.3	42.0	99.3	176.6	260.8	320.8	320.8	260.8	176.6	99.3	42.0	16.3	6.2	
0	3.4	6.5	17.7	48.2	114.3	205.4	312.5	393.0	393.0	312.5	205.4	114.3	48.2	17.7	6.5	3.4
-10		6.5	17.7	48.2	114.3	205.4	312.5	393.0	393.0	312.5	205.4	114.3	48.2	17.7	6.5	
-20	3.2	6.2	16.3	42.0	99.3	176.6	260.8	320.8	320.8	260.8	176.6	99.3	42.0	16.3	6.2	3.2
-30		5.6	13.9	32.4	72.8	130.8	187.2	223.7	223.7	187.2	130.8	72.8	32.4	13.9	5.6	
-40	2.7	4.8	11.2	23.1	45.0	79.9	116.1	137.8	137.8	116.1	79.9	45.0	23.1	11.2	4.8	2.7
-50		3.9	8.5	15.9	26.8	41.2	56.8	67.2	67.2	56.8	41.2	26.8	15.9	8.5	3.9	
-60	1.8	3.1	6.2	10.7	16.3	22.5	28.1	31.3	31.3	28.1	22.5	16.3	10.7	6.2	3.1	1.8
-70		2.2	4.1	6.5	9.5	12.3	14.4	15.4	15.4	14.4	12.3	9.5	6.5	4.1	2.2	
-80															-80	
-90	0.5	3.9		8.9		14.9		12.7		14.9		8.9		3.9		0.5
-90																
-80																
-70																
-60																
-50																
-40																
-30																
-20																
-10																
0																
10																
20																
30																
40																
50																
60																
70																
80																
90																
Horizontal Angle (degrees)																

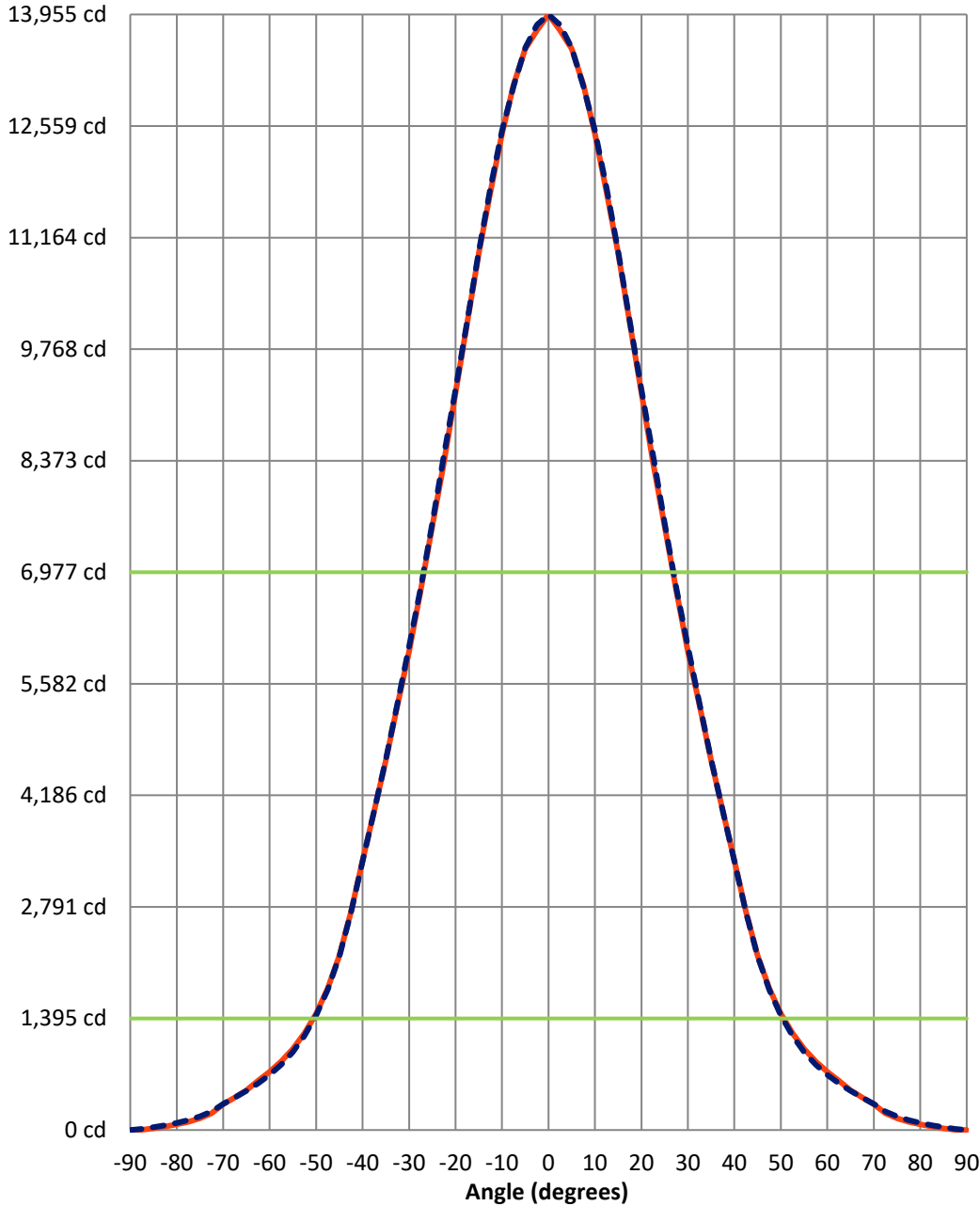
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Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:
 H Angle: 53.8°
 V Angle: 53.6°
 Lumens: 6790.8
 Efficiency: 47.8%

Field:
 H Angle: 100.8°
 V Angle: 101.2°
 Lumens: 12534.3
 Efficiency: 88.3%

Spill:
 Lumens: 1668.3
 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	0.7	1.6	2.7	3.8	5.2	6.6	7.3	7.9	8.4	8.8
85°	0.0	1.4	3.3	5.3	7.7	10.3	13.2	14.7	15.8	16.8	17.5
82.5°	0.0	2.1	4.9	8.0	11.5	15.4	19.8	22.0	24.2	28.1	31.5
80°	0.0	2.8	6.5	10.6	15.2	20.5	26.8	33.4	39.1	44.1	48.6
77.5°	0.0	3.5	8.0	13.1	18.9	26.6	38.3	46.8	53.8	60.2	66.4
75°	0.0	4.2	9.6	15.7	22.9	34.8	49.5	60.2	68.6	77.2	86.4
72.5°	0.0	4.9	11.1	18.2	28.4	42.8	60.4	73.3	83.5	94.4	106.1
70°	0.0	5.5	12.6	20.8	33.7	50.4	70.6	85.7	98.1	111.4	127.0
67.5°	0.0	6.1	14.0	24.0	38.8	57.7	79.5	97.8	112.4	128.9	147.5
65°	0.0	6.8	15.4	27.1	43.6	64.4	88.0	109.7	126.5	145.7	167.0
62.5°	0.0	7.4	16.7	30.0	48.2	70.5	96.0	120.9	140.0	161.9	185.2
60°	0.0	8.0	18.0	32.8	52.4	76.3	103.4	131.6	152.9	177.5	202.8
57.5°	0.0	8.5	19.6	35.4	56.4	81.7	110.2	141.2	166.0	192.6	219.0
55°	0.0	9.1	21.1	37.7	60.1	86.6	116.5	148.9	178.8	207.0	234.5
52.5°	0.0	9.6	22.6	39.9	63.4	91.1	122.2	157.2	191.0	220.8	249.7
50°	0.0	10.1	24.0	41.9	66.5	95.3	127.4	165.0	202.8	234.3	266.3
47.5°	0.0	10.5	25.3	43.7	69.2	99.0	132.2	172.1	214.5	247.4	282.6
45°	0.0	11.0	26.5	45.5	71.7	102.3	137.6	178.5	222.9	261.6	298.4
42.5°	0.0	11.4	27.7	47.0	73.8	105.2	142.4	184.8	230.6	275.3	314.8
40°	0.0	11.8	28.8	48.8	75.6	107.7	146.6	190.9	238.2	288.0	330.6
37.5°	0.0	12.1	29.9	50.5	77.3	109.6	150.2	196.4	246.5	298.0	345.6
35°	0.0	12.5	30.8	52.2	78.7	111.9	153.2	201.3	254.5	309.0	361.0
32.5°	0.0	12.7	31.7	53.6	79.7	114.0	156.0	205.6	262.1	320.2	376.7
30°	0.0	13.0	32.5	55.0	80.4	115.6	159.1	209.8	269.2	331.4	391.5
27.5°	0.0	13.2	33.2	56.2	82.2	116.8	161.6	215.0	276.7	342.8	405.3
25°	0.0	13.4	33.8	57.2	83.8	117.5	163.6	219.7	285.1	353.9	418.3
22.5°	0.0	13.6	34.4	58.1	85.3	118.4	164.9	223.8	293.0	364.0	432.4
20°	0.0	13.8	34.9	58.8	86.5	120.6	165.8	227.2	300.5	373.2	445.1
17.5°	0.0	13.9	35.2	59.3	87.6	122.3	167.6	230.0	307.5	381.3	456.2
15°	0.0	13.9	35.5	59.8	88.4	123.7	169.9	232.6	313.7	388.3	465.8
12.5°	0.0	14.0	35.7	60.0	89.0	124.7	171.5	235.0	318.9	394.1	473.8
10°	0.0	14.0	35.9	60.2	89.4	125.4	172.5	236.3	323.0	398.9	480.2
7.5°	0.0	14.0	35.9	60.1	89.6	125.6	172.9	236.6	325.9	402.6	485.3
5°	0.0	14.0	35.8	60.0	89.6	125.6	172.7	235.9	327.5	405.2	488.6
2.5°	0.0	13.9	35.7	59.7	89.3	125.1	171.9	234.3	327.7	406.4	490.3
0°	0.0	13.8	35.5	59.2	88.8	124.3	170.6	231.8	326.5	406.3	490.2
-2.5°	0.0	13.9	35.7	59.7	89.3	125.1	171.9	234.3	327.7	406.4	490.3
-5°	0.0	14.0	35.8	60.0	89.6	125.6	172.7	235.9	327.5	405.2	488.6
-7.5°	0.0	14.0	35.9	60.1	89.6	125.6	172.9	236.6	325.9	402.6	485.3
-10°	0.0	14.0	35.9	60.2	89.4	125.4	172.5	236.3	323.0	398.9	480.2
-12.5°	0.0	14.0	35.7	60.0	89.0	124.7	171.5	235.0	318.9	394.1	473.8
-15°	0.0	13.9	35.5	59.8	88.4	123.7	169.9	232.6	313.7	388.3	465.8
-17.5°	0.0	13.9	35.2	59.3	87.6	122.3	167.6	230.0	307.5	381.3	456.2
-20°	0.0	13.8	34.9	58.8	86.5	120.6	165.8	227.2	300.5	373.2	445.1

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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	13.6	34.4	58.1	85.3	118.4	164.9	223.8	293.0	364.0	432.4
-25°	0.0	13.4	33.8	57.2	83.8	117.5	163.6	219.7	285.1	353.9	418.3
-27.5°	0.0	13.2	33.2	56.2	82.2	116.8	161.6	215.0	276.7	342.8	405.3
-30°	0.0	13.0	32.5	55.0	80.4	115.6	159.1	209.8	269.2	331.4	391.5
-32.5°	0.0	12.7	31.7	53.6	79.7	114.0	156.0	205.6	262.1	320.2	376.7
-35°	0.0	12.5	30.8	52.2	78.7	111.9	153.2	201.3	254.5	309.0	361.0
-37.5°	0.0	12.1	29.9	50.5	77.3	109.6	150.2	196.4	246.5	298.0	345.6
-40°	0.0	11.8	28.8	48.8	75.6	107.7	146.6	190.9	238.2	288.0	330.6
-42.5°	0.0	11.4	27.7	47.0	73.8	105.2	142.4	184.8	230.6	275.3	314.8
-45°	0.0	11.0	26.5	45.5	71.7	102.3	137.6	178.5	222.9	261.6	298.4
-47.5°	0.0	10.5	25.3	43.7	69.2	99.0	132.2	172.1	214.5	247.4	282.6
-50°	0.0	10.1	24.0	41.9	66.5	95.3	127.4	165.0	202.8	234.3	266.3
-52.5°	0.0	9.6	22.6	39.9	63.4	91.1	122.2	157.2	191.0	220.8	249.7
-55°	0.0	9.1	21.1	37.7	60.1	86.6	116.5	148.9	178.8	207.0	234.5
-57.5°	0.0	8.5	19.6	35.4	56.4	81.7	110.2	141.2	166.0	192.6	219.0
-60°	0.0	8.0	18.0	32.8	52.4	76.3	103.4	131.6	152.9	177.5	202.8
-62.5°	0.0	7.4	16.7	30.0	48.2	70.5	96.0	120.9	140.0	161.9	185.2
-65°	0.0	6.8	15.4	27.1	43.6	64.4	88.0	109.7	126.5	145.7	167.0
-67.5°	0.0	6.1	14.0	24.0	38.8	57.7	79.5	97.8	112.4	128.9	147.5
-70°	0.0	5.5	12.6	20.8	33.7	50.4	70.6	85.7	98.1	111.4	127.0
-72.5°	0.0	4.9	11.1	18.2	28.4	42.8	60.4	73.3	83.5	94.4	106.1
-75°	0.0	4.2	9.6	15.7	22.9	34.8	49.5	60.2	68.6	77.2	86.4
-77.5°	0.0	3.5	8.0	13.1	18.9	26.6	38.3	46.8	53.8	60.2	66.4
-80°	0.0	2.8	6.5	10.6	15.2	20.5	26.8	33.4	39.1	44.1	48.6
-82.5°	0.0	2.1	4.9	8.0	11.5	15.4	19.8	22.0	24.2	28.1	31.5
-85°	0.0	1.4	3.3	5.3	7.7	10.3	13.2	14.7	15.8	16.8	17.5
-87.5°	0.0	0.7	1.6	2.7	3.8	5.2	6.6	7.3	7.9	8.4	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



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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°	8.9	8.9	8.8	8.5	8.1	7.6	7.0	6.3	6.6	6.8	7.1
85°	17.8	17.8	19.3	20.6	21.3	21.3	20.9	20.0	22.6	25.6	28.8
82.5°	34.7	37.7	40.6	43.2	43.5	42.8	41.5	40.0	45.2	51.6	58.3
80°	53.2	57.6	62.7	67.5	68.7	68.2	66.7	64.3	71.2	81.1	91.7
77.5°	73.8	80.9	87.5	93.5	95.3	95.0	93.9	91.9	100.8	114.4	128.6
75°	95.6	104.2	112.6	120.1	123.3	123.5	123.2	125.2	136.9	152.8	166.9
72.5°	118.3	129.2	138.7	146.9	152.0	155.9	161.1	167.4	179.2	194.8	208.6
70°	142.3	154.4	164.4	173.5	181.3	189.8	200.8	211.6	223.9	239.6	254.0
67.5°	166.0	178.2	189.6	200.7	215.0	228.6	242.2	256.4	272.0	288.4	302.9
65°	187.9	201.7	215.6	231.8	250.4	265.8	282.6	301.0	321.5	339.9	356.8
62.5°	209.0	224.6	241.7	261.3	281.4	300.7	323.2	346.9	370.8	394.0	417.0
60°	226.7	246.2	267.0	289.1	312.3	338.6	365.0	393.1	421.7	449.7	478.1
57.5°	243.8	267.9	291.8	317.6	346.5	376.6	408.3	440.0	474.2	507.9	540.2
55°	261.6	289.9	317.2	347.7	380.8	416.2	452.0	490.4	528.1	570.6	609.9
52.5°	280.6	311.3	343.4	378.3	417.0	457.0	498.8	542.8	589.8	637.1	685.0
50°	299.1	333.7	369.4	411.3	454.5	500.1	548.4	599.8	654.5	709.2	767.2
47.5°	318.4	355.4	399.0	444.5	493.9	545.8	600.6	661.6	722.4	791.3	857.9
45°	337.5	380.0	427.4	480.1	534.4	592.9	658.1	725.1	802.7	880.5	967.9
42.5°	355.8	404.9	458.3	514.6	576.5	643.7	715.9	800.1	887.5	983.9	1086.5
40°	376.8	428.6	488.8	551.8	618.8	695.7	782.4	875.9	982.7	1096.8	1213.3
37.5°	397.2	455.4	518.8	587.2	665.0	751.6	847.3	962.0	1085.1	1214.8	1373.4
35°	416.3	480.9	549.8	624.7	709.0	809.2	923.8	1050.5	1192.4	1359.7	1544.7
32.5°	436.7	505.0	579.1	663.1	758.5	868.0	998.2	1147.3	1315.2	1505.7	1737.2
30°	457.1	529.9	608.1	699.0	805.1	931.9	1079.8	1244.5	1437.7	1676.7	1948.4
27.5°	476.1	553.1	638.8	737.1	850.5	990.8	1158.1	1351.4	1579.0	1849.0	2166.4
25°	493.5	574.2	667.0	773.4	900.6	1054.4	1235.9	1449.9	1720.2	2042.2	2432.8
22.5°	510.1	593.5	692.5	805.9	945.7	1116.0	1320.2	1565.1	1864.0	2225.3	2693.7
20°	525.6	614.3	717.8	837.2	985.9	1171.5	1397.8	1672.6	2012.8	2440.6	2949.6
17.5°	539.3	632.7	741.7	870.9	1030.8	1228.0	1470.9	1767.6	2145.2	2632.7	3185.6
15°	551.1	648.5	762.4	900.1	1071.3	1284.2	1547.7	1871.7	2283.3	2807.5	3392.9
12.5°	560.8	661.7	779.8	924.7	1105.2	1331.6	1613.2	1964.5	2417.9	2972.1	3574.9
10°	568.7	672.4	793.9	944.5	1132.6	1370.2	1667.2	2040.4	2529.9	3113.3	3728.9
7.5°	575.2	680.7	804.6	959.5	1153.3	1399.6	1709.3	2099.0	2617.4	3225.0	3847.0
5°	579.8	686.6	812.8	970.1	1168.6	1420.2	1738.7	2140.0	2679.7	3305.9	3927.8
2.5°	582.4	689.9	817.5	975.7	1177.9	1431.8	1754.1	2165.7	2713.9	3352.2	3976.6
0°	582.9	690.4	818.6	976.4	1180.6	1434.0	1756.5	2173.7	2721.1	3364.2	3994.4
-2.5°	582.4	689.9	817.5	975.7	1177.9	1431.8	1754.1	2165.7	2713.9	3352.2	3976.6
-5°	579.8	686.6	812.8	970.1	1168.6	1420.2	1738.7	2140.0	2679.7	3305.9	3927.8
-7.5°	575.2	680.7	804.6	959.5	1153.3	1399.6	1709.3	2099.0	2617.4	3225.0	3847.0
-10°	568.7	672.4	793.9	944.5	1132.6	1370.2	1667.2	2040.4	2529.9	3113.3	3728.9
-12.5°	560.8	661.7	779.8	924.7	1105.2	1331.6	1613.2	1964.5	2417.9	2972.1	3574.9
-15°	551.1	648.5	762.4	900.1	1071.3	1284.2	1547.7	1871.7	2283.3	2807.5	3392.9
-17.5°	539.3	632.7	741.7	870.9	1030.8	1228.0	1470.9	1767.6	2145.2	2632.7	3185.6
-20°	525.6	614.3	717.8	837.2	985.9	1171.5	1397.8	1672.6	2012.8	2440.6	2949.6

Classified

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



REPORT NUMBER: P627103 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	510.1	593.5	692.5	805.9	945.7	1116.0	1320.2	1565.1	1864.0	2225.3	2693.7
-25°	493.5	574.2	667.0	773.4	900.6	1054.4	1235.9	1449.9	1720.2	2042.2	2432.8
-27.5°	476.1	553.1	638.8	737.1	850.5	990.8	1158.1	1351.4	1579.0	1849.0	2166.4
-30°	457.1	529.9	608.1	699.0	805.1	931.9	1079.8	1244.5	1437.7	1676.7	1948.4
-32.5°	436.7	505.0	579.1	663.1	758.5	868.0	998.2	1147.3	1315.2	1505.7	1737.2
-35°	416.3	480.9	549.8	624.7	709.0	809.2	923.8	1050.5	1192.4	1359.7	1544.7
-37.5°	397.2	455.4	518.8	587.2	665.0	751.6	847.3	962.0	1085.1	1214.8	1373.4
-40°	376.8	428.6	488.8	551.8	618.8	695.7	782.4	875.9	982.7	1096.8	1213.3
-42.5°	355.8	404.9	458.3	514.6	576.5	643.7	715.9	800.1	887.5	983.9	1086.5
-45°	337.5	380.0	427.4	480.1	534.4	592.9	658.1	725.1	802.7	880.5	967.9
-47.5°	318.4	355.4	399.0	444.5	493.9	545.8	600.6	661.6	722.4	791.3	857.9
-50°	299.1	333.7	369.4	411.3	454.5	500.1	548.4	599.8	654.5	709.2	767.2
-52.5°	280.6	311.3	343.4	378.3	417.0	457.0	498.8	542.8	589.8	637.1	685.0
-55°	261.6	289.9	317.2	347.7	380.8	416.2	452.0	490.4	528.1	570.6	609.9
-57.5°	243.8	267.9	291.8	317.6	346.5	376.6	408.3	440.0	474.2	507.9	540.2
-60°	226.7	246.2	267.0	289.1	312.3	338.6	365.0	393.1	421.7	449.7	478.1
-62.5°	209.0	224.6	241.7	261.3	281.4	300.7	323.2	346.9	370.8	394.0	417.0
-65°	187.9	201.7	215.6	231.8	250.4	265.8	282.6	301.0	321.5	339.9	356.8
-67.5°	166.0	178.2	189.6	200.7	215.0	228.6	242.2	256.4	272.0	288.4	302.9
-70°	142.3	154.4	164.4	173.5	181.3	189.8	200.8	211.6	223.9	239.6	254.0
-72.5°	118.3	129.2	138.7	146.9	152.0	155.9	161.1	167.4	179.2	194.8	208.6
-75°	95.6	104.2	112.6	120.1	123.3	123.5	123.2	125.2	136.9	152.8	166.9
-77.5°	73.8	80.9	87.5	93.5	95.3	95.0	93.9	91.9	100.8	114.4	128.6
-80°	53.2	57.6	62.7	67.5	68.7	68.2	66.7	64.3	71.2	81.1	91.7
-82.5°	34.7	37.7	40.6	43.2	43.5	42.8	41.5	40.0	45.2	51.6	58.3
-85°	17.8	17.8	19.3	20.6	21.3	21.3	20.9	20.0	22.6	25.6	28.8
-87.5°	8.9	8.9	8.8	8.5	8.1	7.6	7.0	6.3	6.6	6.8	7.1
-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: P627103 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-735-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°	7.3	7.1	6.8	6.6	6.3	6.1	6.0	5.9	5.7	5.3	4.8
85°	32.1	32.8	33.2	33.4	33.4	34.5	35.5	36.4	37.2	33.7	29.9
82.5°	65.3	68.3	71.0	73.6	76.3	78.1	79.4	80.5	81.1	73.4	64.8
80°	102.7	109.1	114.4	119.5	124.4	125.6	125.6	124.9	123.5	113.0	101.1
77.5°	142.8	151.2	157.9	164.5	171.0	173.4	174.6	175.5	176.1	163.1	147.0
75°	179.1	189.2	198.6	207.2	215.2	219.5	222.0	224.0	225.6	212.6	195.4
72.5°	220.6	231.3	241.4	251.0	259.5	265.1	268.8	271.8	274.2	266.7	256.0
70°	266.3	277.3	288.0	298.0	307.6	315.1	321.1	326.2	330.5	331.3	331.0
67.5°	317.0	329.9	342.7	353.6	365.0	375.7	385.0	392.8	399.1	403.2	405.5
65°	373.8	393.3	410.7	425.4	437.8	452.0	464.6	474.2	480.9	486.1	490.5
62.5°	440.8	464.5	484.3	504.0	524.3	543.9	556.2	568.6	580.6	592.0	601.7
60°	505.3	531.3	558.2	583.2	606.4	627.8	649.9	669.4	686.6	700.9	711.6
57.5°	574.1	605.6	636.2	668.0	698.0	725.9	753.2	778.4	800.2	818.5	833.4
55°	648.6	687.2	723.6	764.0	803.2	838.9	871.8	905.5	935.8	962.5	983.7
52.5°	729.0	779.3	827.4	874.9	925.6	971.4	1012.4	1059.1	1100.5	1134.8	1161.5
50°	825.1	884.1	947.6	1006.4	1070.4	1133.5	1191.6	1247.9	1303.0	1350.6	1389.2
47.5°	934.4	1007.0	1085.8	1163.7	1243.2	1329.4	1406.3	1477.7	1554.7	1621.6	1675.3
45°	1055.9	1148.6	1243.7	1353.2	1454.1	1564.8	1667.3	1759.3	1868.6	1964.8	2042.2
42.5°	1190.8	1314.1	1439.1	1577.1	1711.0	1851.6	2001.0	2133.4	2278.3	2416.3	2527.9
40°	1357.9	1505.3	1672.8	1839.8	2032.0	2212.6	2430.1	2627.8	2807.3	2972.0	3106.9
37.5°	1543.6	1733.4	1943.8	2161.3	2424.3	2682.1	2936.7	3177.1	3389.3	3569.6	3720.8
35°	1754.5	1995.6	2250.4	2568.0	2876.1	3184.9	3472.5	3735.2	3966.1	4169.4	4342.3
32.5°	1997.0	2286.4	2643.1	2999.9	3351.4	3691.3	4007.1	4293.7	4546.8	4775.1	4973.9
30°	2251.9	2646.8	3047.2	3438.6	3822.5	4194.8	4541.4	4857.1	5143.1	5397.2	5626.3
27.5°	2575.9	3013.6	3450.1	3872.1	4294.4	4701.9	5077.5	5428.1	5756.4	6043.6	6305.4
25°	2889.3	3372.8	3836.8	4296.9	4756.7	5194.2	5614.1	6010.2	6386.1	6715.8	7008.1
22.5°	3202.6	3708.7	4204.6	4699.3	5193.1	5680.9	6152.4	6606.2	7026.6	7402.0	7731.0
20°	3492.8	4021.9	4552.2	5085.5	5620.8	6154.6	6684.2	7194.9	7663.3	8096.7	8477.5
17.5°	3753.0	4315.7	4877.9	5448.3	6028.6	6608.2	7196.5	7769.0	8304.5	8797.5	9239.3
15°	3983.4	4570.5	5174.3	5789.9	6413.0	7042.5	7684.5	8324.9	8927.7	9487.8	9981.0
12.5°	4184.9	4795.2	5428.1	6082.1	6758.5	7444.2	8144.8	8846.9	9514.2	10160.8	10693.4
10°	4351.1	4986.4	5647.8	6335.0	7048.2	7786.3	8537.9	9293.7	10028.9	10714.8	11323.8
7.5°	4479.5	5138.5	5820.1	6534.9	7283.1	8061.4	8857.7	9659.7	10444.2	11183.4	11857.2
5°	4570.0	5249.2	5939.4	6683.0	7457.2	8263.8	9091.3	9927.1	10747.2	11524.4	12222.7
2.5°	4622.6	5315.7	6008.9	6772.9	7560.7	8386.1	9236.2	10085.7	10927.5	11733.5	12451.1
0°	4636.4	5335.7	6048.8	6782.5	7593.3	8443.4	9263.0	10115.1	10990.0	11784.9	12499.9
-2.5°	4622.6	5315.7	6008.9	6772.9	7560.7	8386.1	9236.2	10085.7	10927.5	11733.5	12451.1
-5°	4570.0	5249.2	5939.4	6683.0	7457.2	8263.8	9091.3	9927.1	10747.2	11524.4	12222.7
-7.5°	4479.5	5138.5	5820.1	6534.9	7283.1	8061.4	8857.7	9659.7	10444.2	11183.4	11857.2
-10°	4351.1	4986.4	5647.8	6335.0	7048.2	7786.3	8537.9	9293.7	10028.9	10714.8	11323.8
-12.5°	4184.9	4795.2	5428.1	6082.1	6758.5	7444.2	8144.8	8846.9	9514.2	10160.8	10693.4
-15°	3983.4	4570.5	5174.3	5789.9	6413.0	7042.5	7684.5	8324.9	8927.7	9487.8	9981.0
-17.5°	3753.0	4315.7	4877.9	5448.3	6028.6	6608.2	7196.5	7769.0	8304.5	8797.5	9239.3
-20°	3492.8	4021.9	4552.2	5085.5	5620.8	6154.6	6684.2	7194.9	7663.3	8096.7	8477.5

Classified

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

Scaled Data Report



REPORT NUMBER: P627103 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	3202.6	3708.7	4204.6	4699.3	5193.1	5680.9	6152.4	6606.2	7026.6	7402.0	7731.0
-25°	2889.3	3372.8	3836.8	4296.9	4756.7	5194.2	5614.1	6010.2	6386.1	6715.8	7008.1
-27.5°	2575.9	3013.6	3450.1	3872.1	4294.4	4701.9	5077.5	5428.1	5756.4	6043.6	6305.4
-30°	2251.9	2646.8	3047.2	3438.6	3822.5	4194.8	4541.4	4857.1	5143.1	5397.2	5626.3
-32.5°	1997.0	2286.4	2643.1	2999.9	3351.4	3691.3	4007.1	4293.7	4546.8	4775.1	4973.9
-35°	1754.5	1995.6	2250.4	2568.0	2876.1	3184.9	3472.5	3735.2	3966.1	4169.4	4342.3
-37.5°	1543.6	1733.4	1943.8	2161.3	2424.3	2682.1	2936.7	3177.1	3389.3	3569.6	3720.8
-40°	1357.9	1505.3	1672.8	1839.8	2032.0	2212.6	2430.1	2627.8	2807.3	2972.0	3106.9
-42.5°	1190.8	1314.1	1439.1	1577.1	1711.0	1851.6	2001.0	2133.4	2278.3	2416.3	2527.9
-45°	1055.9	1148.6	1243.7	1353.2	1454.1	1564.8	1667.3	1759.3	1868.6	1964.8	2042.2
-47.5°	934.4	1007.0	1085.8	1163.7	1243.2	1329.4	1406.3	1477.7	1554.7	1621.6	1675.3
-50°	825.1	884.1	947.6	1006.4	1070.4	1133.5	1191.6	1247.9	1303.0	1350.6	1389.2
-52.5°	729.0	779.3	827.4	874.9	925.6	971.4	1012.4	1059.1	1100.5	1134.8	1161.5
-55°	648.6	687.2	723.6	764.0	803.2	838.9	871.8	905.5	935.8	962.5	983.7
-57.5°	574.1	605.6	636.2	668.0	698.0	725.9	753.2	778.4	800.2	818.5	833.4
-60°	505.3	531.3	558.2	583.2	606.4	627.8	649.9	669.4	686.6	700.9	711.6
-62.5°	440.8	464.5	484.3	504.0	524.3	543.9	556.2	568.6	580.6	592.0	601.7
-65°	373.8	393.3	410.7	425.4	437.8	452.0	464.6	474.2	480.9	486.1	490.5
-67.5°	317.0	329.9	342.7	353.6	365.0	375.7	385.0	392.8	399.1	403.2	405.5
-70°	266.3	277.3	288.0	298.0	307.6	315.1	321.1	326.2	330.5	331.3	331.0
-72.5°	220.6	231.3	241.4	251.0	259.5	265.1	268.8	271.8	274.2	266.7	256.0
-75°	179.1	189.2	198.6	207.2	215.2	219.5	222.0	224.0	225.6	212.6	195.4
-77.5°	142.8	151.2	157.9	164.5	171.0	173.4	174.6	175.5	176.1	163.1	147.0
-80°	102.7	109.1	114.4	119.5	124.4	125.6	125.6	124.9	123.5	113.0	101.1
-82.5°	65.3	68.3	71.0	73.6	76.3	78.1	79.4	80.5	81.1	73.4	64.8
-85°	32.1	32.8	33.2	33.4	33.4	34.5	35.5	36.4	37.2	33.7	29.9
-87.5°	7.3	7.1	6.8	6.6	6.3	6.1	6.0	5.9	5.7	5.3	4.8
-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: P627103 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-735-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°	4.4	3.9	3.4	3.0	3.4	3.9	4.4	4.8	5.3	5.7	5.9
85°	25.8	21.6	21.2	20.7	21.2	21.6	25.8	29.9	33.7	37.2	36.4
82.5°	55.7	46.3	44.8	43.4	44.8	46.3	55.7	64.8	73.4	81.1	80.5
80°	88.7	75.9	73.4	71.0	73.4	75.9	88.7	101.1	113.0	123.5	124.9
77.5°	130.1	112.6	107.5	102.6	107.5	112.6	130.1	147.0	163.1	176.1	175.5
75°	177.5	159.1	152.8	147.0	152.8	159.1	177.5	195.4	212.6	225.6	224.0
72.5°	245.1	233.9	222.5	210.1	222.5	233.9	245.1	256.0	266.7	274.2	271.8
70°	330.6	329.8	326.9	322.5	326.9	329.8	330.6	331.0	331.3	330.5	326.2
67.5°	406.5	406.1	407.1	407.3	407.1	406.1	406.5	405.5	403.2	399.1	392.8
65°	493.2	494.2	496.2	497.1	496.2	494.2	493.2	490.5	486.1	480.9	474.2
62.5°	609.2	614.2	616.7	616.4	616.7	614.2	609.2	601.7	592.0	580.6	568.6
60°	719.5	724.7	728.0	728.9	728.0	724.7	719.5	711.6	700.9	686.6	669.4
57.5°	845.3	853.8	858.4	859.0	858.4	853.8	845.3	833.4	818.5	800.2	778.4
55°	1000.0	1011.4	1016.5	1015.9	1016.5	1011.4	1000.0	983.7	962.5	935.8	905.5
52.5°	1181.6	1195.5	1205.8	1212.1	1205.8	1195.5	1181.6	1161.5	1134.8	1100.5	1059.1
50°	1418.1	1437.9	1450.5	1455.7	1450.5	1437.9	1418.1	1389.2	1350.6	1303.0	1247.9
47.5°	1714.0	1740.3	1759.8	1773.3	1759.8	1740.3	1714.0	1675.3	1621.6	1554.7	1477.7
45°	2099.4	2139.5	2166.7	2182.6	2166.7	2139.5	2099.4	2042.2	1964.8	1868.6	1759.3
42.5°	2615.1	2677.2	2715.4	2730.0	2715.4	2677.2	2615.1	2527.9	2416.3	2278.3	2133.4
40°	3213.5	3288.2	3337.2	3371.1	3337.2	3288.2	3213.5	3106.9	2972.0	2807.3	2627.8
37.5°	3836.8	3915.2	3962.9	3995.4	3962.9	3915.2	3836.8	3720.8	3569.6	3389.3	3177.1
35°	4472.7	4554.8	4599.6	4624.6	4599.6	4554.8	4472.7	4342.3	4169.4	3966.1	3735.2
32.5°	5125.5	5216.0	5264.6	5315.0	5264.6	5216.0	5125.5	4973.9	4775.1	4546.8	4293.7
30°	5807.3	5911.1	5962.1	5986.6	5962.1	5911.1	5807.3	5626.3	5397.2	5143.1	4857.1
27.5°	6516.7	6646.2	6710.0	6752.0	6710.0	6646.2	6516.7	6305.4	6043.6	5756.4	5428.1
25°	7254.9	7415.4	7488.4	7553.8	7488.4	7415.4	7254.9	7008.1	6715.8	6386.1	6010.2
22.5°	8020.9	8220.6	8305.3	8351.7	8305.3	8220.6	8020.9	7731.0	7402.0	7026.6	6606.2
20°	8806.8	9045.5	9163.0	9223.6	9163.0	9045.5	8806.8	8477.5	8096.7	7663.3	7194.9
17.5°	9610.5	9907.4	10059.5	10094.4	10059.5	9907.4	9610.5	9239.3	8797.5	8304.5	7769.0
15°	10399.4	10720.6	10900.4	10966.3	10900.4	10720.6	10399.4	9981.0	9487.8	8927.7	8324.9
12.5°	11146.6	11479.5	11694.3	11732.6	11694.3	11479.5	11146.6	10693.4	10160.8	9514.2	8846.9
10°	11824.2	12169.1	12406.4	12460.5	12406.4	12169.1	11824.2	11323.8	10714.8	10028.9	9293.7
7.5°	12390.7	12769.1	13031.3	13076.9	13031.3	12769.1	12390.7	11857.2	11183.4	10444.2	9659.7
5°	12805.2	13254.5	13469.7	13523.7	13469.7	13254.5	12805.2	12222.7	11524.4	10747.2	9927.1
2.5°	13032.5	13489.9	13789.0	13754.5	13789.0	13489.9	13032.5	12451.1	11733.5	10927.5	10085.7
0°	13058.2	13536.5	13822.5	13954.7	13822.5	13536.5	13058.2	12499.9	11784.9	10990.0	10115.1
-2.5°	13032.5	13489.9	13789.0	13754.5	13789.0	13489.9	13032.5	12451.1	11733.5	10927.5	10085.7
-5°	12805.2	13254.5	13469.7	13523.7	13469.7	13254.5	12805.2	12222.7	11524.4	10747.2	9927.1
-7.5°	12390.7	12769.1	13031.3	13076.9	13031.3	12769.1	12390.7	11857.2	11183.4	10444.2	9659.7
-10°	11824.2	12169.1	12406.4	12460.5	12406.4	12169.1	11824.2	11323.8	10714.8	10028.9	9293.7
-12.5°	11146.6	11479.5	11694.3	11732.6	11694.3	11479.5	11146.6	10693.4	10160.8	9514.2	8846.9
-15°	10399.4	10720.6	10900.4	10966.3	10900.4	10720.6	10399.4	9981.0	9487.8	8927.7	8324.9
-17.5°	9610.5	9907.4	10059.5	10094.4	10059.5	9907.4	9610.5	9239.3	8797.5	8304.5	7769.0
-20°	8806.8	9045.5	9163.0	9223.6	9163.0	9045.5	8806.8	8477.5	8096.7	7663.3	7194.9



REPORT NUMBER: P627103 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	8020.9	8220.6	8305.3	8351.7	8305.3	8220.6	8020.9	7731.0	7402.0	7026.6	6606.2
-25°	7254.9	7415.4	7488.4	7553.8	7488.4	7415.4	7254.9	7008.1	6715.8	6386.1	6010.2
-27.5°	6516.7	6646.2	6710.0	6752.0	6710.0	6646.2	6516.7	6305.4	6043.6	5756.4	5428.1
-30°	5807.3	5911.1	5962.1	5986.6	5962.1	5911.1	5807.3	5626.3	5397.2	5143.1	4857.1
-32.5°	5125.5	5216.0	5264.6	5315.0	5264.6	5216.0	5125.5	4973.9	4775.1	4546.8	4293.7
-35°	4472.7	4554.8	4599.6	4624.6	4599.6	4554.8	4472.7	4342.3	4169.4	3966.1	3735.2
-37.5°	3836.8	3915.2	3962.9	3995.4	3962.9	3915.2	3836.8	3720.8	3569.6	3389.3	3177.1
-40°	3213.5	3288.2	3337.2	3371.1	3337.2	3288.2	3213.5	3106.9	2972.0	2807.3	2627.8
-42.5°	2615.1	2677.2	2715.4	2730.0	2715.4	2677.2	2615.1	2527.9	2416.3	2278.3	2133.4
-45°	2099.4	2139.5	2166.7	2182.6	2166.7	2139.5	2099.4	2042.2	1964.8	1868.6	1759.3
-47.5°	1714.0	1740.3	1759.8	1773.3	1759.8	1740.3	1714.0	1675.3	1621.6	1554.7	1477.7
-50°	1418.1	1437.9	1450.5	1455.7	1450.5	1437.9	1418.1	1389.2	1350.6	1303.0	1247.9
-52.5°	1181.6	1195.5	1205.8	1212.1	1205.8	1195.5	1181.6	1161.5	1134.8	1100.5	1059.1
-55°	1000.0	1011.4	1016.5	1015.9	1016.5	1011.4	1000.0	983.7	962.5	935.8	905.5
-57.5°	845.3	853.8	858.4	859.0	858.4	853.8	845.3	833.4	818.5	800.2	778.4
-60°	719.5	724.7	728.0	728.9	728.0	724.7	719.5	711.6	700.9	686.6	669.4
-62.5°	609.2	614.2	616.7	616.4	616.7	614.2	609.2	601.7	592.0	580.6	568.6
-65°	493.2	494.2	496.2	497.1	496.2	494.2	493.2	490.5	486.1	480.9	474.2
-67.5°	406.5	406.1	407.1	407.3	407.1	406.1	406.5	405.5	403.2	399.1	392.8
-70°	330.6	329.8	326.9	322.5	326.9	329.8	330.6	331.0	331.3	330.5	326.2
-72.5°	245.1	233.9	222.5	210.1	222.5	233.9	245.1	256.0	266.7	274.2	271.8
-75°	177.5	159.1	152.8	147.0	152.8	159.1	177.5	195.4	212.6	225.6	224.0
-77.5°	130.1	112.6	107.5	102.6	107.5	112.6	130.1	147.0	163.1	176.1	175.5
-80°	88.7	75.9	73.4	71.0	73.4	75.9	88.7	101.1	113.0	123.5	124.9
-82.5°	55.7	46.3	44.8	43.4	44.8	46.3	55.7	64.8	73.4	81.1	80.5
-85°	25.8	21.6	21.2	20.7	21.2	21.6	25.8	29.9	33.7	37.2	36.4
-87.5°	4.4	3.9	3.4	3.0	3.4	3.9	4.4	4.8	5.3	5.7	5.9
-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: P627103 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	6.0	6.1	6.3	6.6	6.8	7.1	7.3	7.1	6.8	6.6	6.3
85°	35.5	34.5	33.4	33.4	33.2	32.8	32.1	28.8	25.6	22.6	20.0
82.5°	79.4	78.1	76.3	73.6	71.0	68.3	65.3	58.3	51.6	45.2	40.0
80°	125.6	125.6	124.4	119.5	114.4	109.1	102.7	91.7	81.1	71.2	64.3
77.5°	174.6	173.4	171.0	164.5	157.9	151.2	142.8	128.6	114.4	100.8	91.9
75°	222.0	219.5	215.2	207.2	198.6	189.2	179.1	166.9	152.8	136.9	125.2
72.5°	268.8	265.1	259.5	251.0	241.4	231.3	220.6	208.6	194.8	179.2	167.4
70°	321.1	315.1	307.6	298.0	288.0	277.3	266.3	254.0	239.6	223.9	211.6
67.5°	385.0	375.7	365.0	353.6	342.7	329.9	317.0	302.9	288.4	272.0	256.4
65°	464.6	452.0	437.8	425.4	410.7	393.3	373.8	356.8	339.9	321.5	301.0
62.5°	556.2	543.9	524.3	504.0	484.3	464.5	440.8	417.0	394.0	370.8	346.9
60°	649.9	627.8	606.4	583.2	558.2	531.3	505.3	478.1	449.7	421.7	393.1
57.5°	753.2	725.9	698.0	668.0	636.2	605.6	574.1	540.2	507.9	474.2	440.0
55°	871.8	838.9	803.2	764.0	723.6	687.2	648.6	609.9	570.6	528.1	490.4
52.5°	1012.4	971.4	925.6	874.9	827.4	779.3	729.0	685.0	637.1	589.8	542.8
50°	1191.6	1133.5	1070.4	1006.4	947.6	884.1	825.1	767.2	709.2	654.5	599.8
47.5°	1406.3	1329.4	1243.2	1163.7	1085.8	1007.0	934.4	857.9	791.3	722.4	661.6
45°	1667.3	1564.8	1454.1	1353.2	1243.7	1148.6	1055.9	967.9	880.5	802.7	725.1
42.5°	2001.0	1851.6	1711.0	1577.1	1439.1	1314.1	1190.8	1086.5	983.9	887.5	800.1
40°	2430.1	2212.6	2032.0	1839.8	1672.8	1505.3	1357.9	1213.3	1096.8	982.7	875.9
37.5°	2936.7	2682.1	2424.3	2161.3	1943.8	1733.4	1543.6	1373.4	1214.8	1085.1	962.0
35°	3472.5	3184.9	2876.1	2568.0	2250.4	1995.6	1754.5	1544.7	1359.7	1192.4	1050.5
32.5°	4007.1	3691.3	3351.4	2999.9	2643.1	2286.4	1997.0	1737.2	1505.7	1315.2	1147.3
30°	4541.4	4194.8	3822.5	3438.6	3047.2	2646.8	2251.9	1948.4	1676.7	1437.7	1244.5
27.5°	5077.5	4701.9	4294.4	3872.1	3450.1	3013.6	2575.9	2166.4	1849.0	1579.0	1351.4
25°	5614.1	5194.2	4756.7	4296.9	3836.8	3372.8	2889.3	2432.8	2042.2	1720.2	1449.9
22.5°	6152.4	5680.9	5193.1	4699.3	4204.6	3708.7	3202.6	2693.7	2225.3	1864.0	1565.1
20°	6684.2	6154.6	5620.8	5085.5	4552.2	4021.9	3492.8	2949.6	2440.6	2012.8	1672.6
17.5°	7196.5	6608.2	6028.6	5448.3	4877.9	4315.7	3753.0	3185.6	2632.7	2145.2	1767.6
15°	7684.5	7042.5	6413.0	5789.9	5174.3	4570.5	3983.4	3392.9	2807.5	2283.3	1871.7
12.5°	8144.8	7444.2	6758.5	6082.1	5428.1	4795.2	4184.9	3574.9	2972.1	2417.9	1964.5
10°	8537.9	7786.3	7048.2	6335.0	5647.8	4986.4	4351.1	3728.9	3113.3	2529.9	2040.4
7.5°	8857.7	8061.4	7283.1	6534.9	5820.1	5138.5	4479.5	3847.0	3225.0	2617.4	2099.0
5°	9091.3	8263.8	7457.2	6683.0	5939.4	5249.2	4570.0	3927.8	3305.9	2679.7	2140.0
2.5°	9236.2	8386.1	7560.7	6772.9	6008.9	5315.7	4622.6	3976.6	3352.2	2713.9	2165.7
0°	9263.0	8443.4	7593.3	6782.5	6048.8	5335.7	4636.4	3994.4	3364.2	2721.1	2173.7
-2.5°	9236.2	8386.1	7560.7	6772.9	6008.9	5315.7	4622.6	3976.6	3352.2	2713.9	2165.7
-5°	9091.3	8263.8	7457.2	6683.0	5939.4	5249.2	4570.0	3927.8	3305.9	2679.7	2140.0
-7.5°	8857.7	8061.4	7283.1	6534.9	5820.1	5138.5	4479.5	3847.0	3225.0	2617.4	2099.0
-10°	8537.9	7786.3	7048.2	6335.0	5647.8	4986.4	4351.1	3728.9	3113.3	2529.9	2040.4
-12.5°	8144.8	7444.2	6758.5	6082.1	5428.1	4795.2	4184.9	3574.9	2972.1	2417.9	1964.5
-15°	7684.5	7042.5	6413.0	5789.9	5174.3	4570.5	3983.4	3392.9	2807.5	2283.3	1871.7
-17.5°	7196.5	6608.2	6028.6	5448.3	4877.9	4315.7	3753.0	3185.6	2632.7	2145.2	1767.6
-20°	6684.2	6154.6	5620.8	5085.5	4552.2	4021.9	3492.8	2949.6	2440.6	2012.8	1672.6

Classified

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

Scaled Data Report



REPORT NUMBER: P627103 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	6152.4	5680.9	5193.1	4699.3	4204.6	3708.7	3202.6	2693.7	2225.3	1864.0	1565.1
-25°	5614.1	5194.2	4756.7	4296.9	3836.8	3372.8	2889.3	2432.8	2042.2	1720.2	1449.9
-27.5°	5077.5	4701.9	4294.4	3872.1	3450.1	3013.6	2575.9	2166.4	1849.0	1579.0	1351.4
-30°	4541.4	4194.8	3822.5	3438.6	3047.2	2646.8	2251.9	1948.4	1676.7	1437.7	1244.5
-32.5°	4007.1	3691.3	3351.4	2999.9	2643.1	2286.4	1997.0	1737.2	1505.7	1315.2	1147.3
-35°	3472.5	3184.9	2876.1	2568.0	2250.4	1995.6	1754.5	1544.7	1359.7	1192.4	1050.5
-37.5°	2936.7	2682.1	2424.3	2161.3	1943.8	1733.4	1543.6	1373.4	1214.8	1085.1	962.0
-40°	2430.1	2212.6	2032.0	1839.8	1672.8	1505.3	1357.9	1213.3	1096.8	982.7	875.9
-42.5°	2001.0	1851.6	1711.0	1577.1	1439.1	1314.1	1190.8	1086.5	983.9	887.5	800.1
-45°	1667.3	1564.8	1454.1	1353.2	1243.7	1148.6	1055.9	967.9	880.5	802.7	725.1
-47.5°	1406.3	1329.4	1243.2	1163.7	1085.8	1007.0	934.4	857.9	791.3	722.4	661.6
-50°	1191.6	1133.5	1070.4	1006.4	947.6	884.1	825.1	767.2	709.2	654.5	599.8
-52.5°	1012.4	971.4	925.6	874.9	827.4	779.3	729.0	685.0	637.1	589.8	542.8
-55°	871.8	838.9	803.2	764.0	723.6	687.2	648.6	609.9	570.6	528.1	490.4
-57.5°	753.2	725.9	698.0	668.0	636.2	605.6	574.1	540.2	507.9	474.2	440.0
-60°	649.9	627.8	606.4	583.2	558.2	531.3	505.3	478.1	449.7	421.7	393.1
-62.5°	556.2	543.9	524.3	504.0	484.3	464.5	440.8	417.0	394.0	370.8	346.9
-65°	464.6	452.0	437.8	425.4	410.7	393.3	373.8	356.8	339.9	321.5	301.0
-67.5°	385.0	375.7	365.0	353.6	342.7	329.9	317.0	302.9	288.4	272.0	256.4
-70°	321.1	315.1	307.6	298.0	288.0	277.3	266.3	254.0	239.6	223.9	211.6
-72.5°	268.8	265.1	259.5	251.0	241.4	231.3	220.6	208.6	194.8	179.2	167.4
-75°	222.0	219.5	215.2	207.2	198.6	189.2	179.1	166.9	152.8	136.9	125.2
-77.5°	174.6	173.4	171.0	164.5	157.9	151.2	142.8	128.6	114.4	100.8	91.9
-80°	125.6	125.6	124.4	119.5	114.4	109.1	102.7	91.7	81.1	71.2	64.3
-82.5°	79.4	78.1	76.3	73.6	71.0	68.3	65.3	58.3	51.6	45.2	40.0
-85°	35.5	34.5	33.4	33.4	33.2	32.8	32.1	28.8	25.6	22.6	20.0
-87.5°	6.0	6.1	6.3	6.6	6.8	7.1	7.3	7.1	6.8	6.6	6.3
-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: P627103 (CONVERTED FROM TYPE C PHOTOMETRY)
 CATALOG NUMBER: GFLD-SA3B-735-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°	7.0	7.6	8.1	8.5	8.8	8.9	8.9	8.8	8.4	7.9	7.3
85°	20.9	21.3	21.3	20.6	19.3	17.8	17.8	17.5	16.8	15.8	14.7
82.5°	41.5	42.8	43.5	43.2	40.6	37.7	34.7	31.5	28.1	24.2	22.0
80°	66.7	68.2	68.7	67.5	62.7	57.6	53.2	48.6	44.1	39.1	33.4
77.5°	93.9	95.0	95.3	93.5	87.5	80.9	73.8	66.4	60.2	53.8	46.8
75°	123.2	123.5	123.3	120.1	112.6	104.2	95.6	86.4	77.2	68.6	60.2
72.5°	161.1	155.9	152.0	146.9	138.7	129.2	118.3	106.1	94.4	83.5	73.3
70°	200.8	189.8	181.3	173.5	164.4	154.4	142.3	127.0	111.4	98.1	85.7
67.5°	242.2	228.6	215.0	200.7	189.6	178.2	166.0	147.5	128.9	112.4	97.8
65°	282.6	265.8	250.4	231.8	215.6	201.7	187.9	167.0	145.7	126.5	109.7
62.5°	323.2	300.7	281.4	261.3	241.7	224.6	209.0	185.2	161.9	140.0	120.9
60°	365.0	338.6	312.3	289.1	267.0	246.2	226.7	202.8	177.5	152.9	131.6
57.5°	408.3	376.6	346.5	317.6	291.8	267.9	243.8	219.0	192.6	166.0	141.2
55°	452.0	416.2	380.8	347.7	317.2	289.9	261.6	234.5	207.0	178.8	148.9
52.5°	498.8	457.0	417.0	378.3	343.4	311.3	280.6	249.7	220.8	191.0	157.2
50°	548.4	500.1	454.5	411.3	369.4	333.7	299.1	266.3	234.3	202.8	165.0
47.5°	600.6	545.8	493.9	444.5	399.0	355.4	318.4	282.6	247.4	214.5	172.1
45°	658.1	592.9	534.4	480.1	427.4	380.0	337.5	298.4	261.6	222.9	178.5
42.5°	715.9	643.7	576.5	514.6	458.3	404.9	355.8	314.8	275.3	230.6	184.8
40°	782.4	695.7	618.8	551.8	488.8	428.6	376.8	330.6	288.0	238.2	190.9
37.5°	847.3	751.6	665.0	587.2	518.8	455.4	397.2	345.6	298.0	246.5	196.4
35°	923.8	809.2	709.0	624.7	549.8	480.9	416.3	361.0	309.0	254.5	201.3
32.5°	998.2	868.0	758.5	663.1	579.1	505.0	436.7	376.7	320.2	262.1	205.6
30°	1079.8	931.9	805.1	699.0	608.1	529.9	457.1	391.5	331.4	269.2	209.8
27.5°	1158.1	990.8	850.5	737.1	638.8	553.1	476.1	405.3	342.8	276.7	215.0
25°	1235.9	1054.4	900.6	773.4	667.0	574.2	493.5	418.3	353.9	285.1	219.7
22.5°	1320.2	1116.0	945.7	805.9	692.5	593.5	510.1	432.4	364.0	293.0	223.8
20°	1397.8	1171.5	985.9	837.2	717.8	614.3	525.6	445.1	373.2	300.5	227.2
17.5°	1470.9	1228.0	1030.8	870.9	741.7	632.7	539.3	456.2	381.3	307.5	230.0
15°	1547.7	1284.2	1071.3	900.1	762.4	648.5	551.1	465.8	388.3	313.7	232.6
12.5°	1613.2	1331.6	1105.2	924.7	779.8	661.7	560.8	473.8	394.1	318.9	235.0
10°	1667.2	1370.2	1132.6	944.5	793.9	672.4	568.7	480.2	398.9	323.0	236.3
7.5°	1709.3	1399.6	1153.3	959.5	804.6	680.7	575.2	485.3	402.6	325.9	236.6
5°	1738.7	1420.2	1168.6	970.1	812.8	686.6	579.8	488.6	405.2	327.5	235.9
2.5°	1754.1	1431.8	1177.9	975.7	817.5	689.9	582.4	490.3	406.4	327.7	234.3
0°	1756.5	1434.0	1180.6	976.4	818.6	690.4	582.9	490.2	406.3	326.5	231.8
-2.5°	1754.1	1431.8	1177.9	975.7	817.5	689.9	582.4	490.3	406.4	327.7	234.3
-5°	1738.7	1420.2	1168.6	970.1	812.8	686.6	579.8	488.6	405.2	327.5	235.9
-7.5°	1709.3	1399.6	1153.3	959.5	804.6	680.7	575.2	485.3	402.6	325.9	236.6
-10°	1667.2	1370.2	1132.6	944.5	793.9	672.4	568.7	480.2	398.9	323.0	236.3
-12.5°	1613.2	1331.6	1105.2	924.7	779.8	661.7	560.8	473.8	394.1	318.9	235.0
-15°	1547.7	1284.2	1071.3	900.1	762.4	648.5	551.1	465.8	388.3	313.7	232.6
-17.5°	1470.9	1228.0	1030.8	870.9	741.7	632.7	539.3	456.2	381.3	307.5	230.0
-20°	1397.8	1171.5	985.9	837.2	717.8	614.3	525.6	445.1	373.2	300.5	227.2

Classified

Cooper Lighting Solutions Photometric Lab
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Scaled Data Report



REPORT NUMBER: P627103 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	1320.2	1116.0	945.7	805.9	692.5	593.5	510.1	432.4	364.0	293.0	223.8
-25°	1235.9	1054.4	900.6	773.4	667.0	574.2	493.5	418.3	353.9	285.1	219.7
-27.5°	1158.1	990.8	850.5	737.1	638.8	553.1	476.1	405.3	342.8	276.7	215.0
-30°	1079.8	931.9	805.1	699.0	608.1	529.9	457.1	391.5	331.4	269.2	209.8
-32.5°	998.2	868.0	758.5	663.1	579.1	505.0	436.7	376.7	320.2	262.1	205.6
-35°	923.8	809.2	709.0	624.7	549.8	480.9	416.3	361.0	309.0	254.5	201.3
-37.5°	847.3	751.6	665.0	587.2	518.8	455.4	397.2	345.6	298.0	246.5	196.4
-40°	782.4	695.7	618.8	551.8	488.8	428.6	376.8	330.6	288.0	238.2	190.9
-42.5°	715.9	643.7	576.5	514.6	458.3	404.9	355.8	314.8	275.3	230.6	184.8
-45°	658.1	592.9	534.4	480.1	427.4	380.0	337.5	298.4	261.6	222.9	178.5
-47.5°	600.6	545.8	493.9	444.5	399.0	355.4	318.4	282.6	247.4	214.5	172.1
-50°	548.4	500.1	454.5	411.3	369.4	333.7	299.1	266.3	234.3	202.8	165.0
-52.5°	498.8	457.0	417.0	378.3	343.4	311.3	280.6	249.7	220.8	191.0	157.2
-55°	452.0	416.2	380.8	347.7	317.2	289.9	261.6	234.5	207.0	178.8	148.9
-57.5°	408.3	376.6	346.5	317.6	291.8	267.9	243.8	219.0	192.6	166.0	141.2
-60°	365.0	338.6	312.3	289.1	267.0	246.2	226.7	202.8	177.5	152.9	131.6
-62.5°	323.2	300.7	281.4	261.3	241.7	224.6	209.0	185.2	161.9	140.0	120.9
-65°	282.6	265.8	250.4	231.8	215.6	201.7	187.9	167.0	145.7	126.5	109.7
-67.5°	242.2	228.6	215.0	200.7	189.6	178.2	166.0	147.5	128.9	112.4	97.8
-70°	200.8	189.8	181.3	173.5	164.4	154.4	142.3	127.0	111.4	98.1	85.7
-72.5°	161.1	155.9	152.0	146.9	138.7	129.2	118.3	106.1	94.4	83.5	73.3
-75°	123.2	123.5	123.3	120.1	112.6	104.2	95.6	86.4	77.2	68.6	60.2
-77.5°	93.9	95.0	95.3	93.5	87.5	80.9	73.8	66.4	60.2	53.8	46.8
-80°	66.7	68.2	68.7	67.5	62.7	57.6	53.2	48.6	44.1	39.1	33.4
-82.5°	41.5	42.8	43.5	43.2	40.6	37.7	34.7	31.5	28.1	24.2	22.0
-85°	20.9	21.3	21.3	20.6	19.3	17.8	17.8	17.5	16.8	15.8	14.7
-87.5°	7.0	7.6	8.1	8.5	8.8	8.9	8.9	8.8	8.4	7.9	7.3
-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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Scaled Data Report



REPORT NUMBER: P627103 (CONVERTED FROM TYPE C PHOTOMETRY)

CATALOG NUMBER: GFLD-SA3B-735-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°	6.6	5.2	3.8	2.7	1.6	0.7	0.0
85°	13.2	10.3	7.7	5.3	3.3	1.4	0.0
82.5°	19.8	15.4	11.5	8.0	4.9	2.1	0.0
80°	26.8	20.5	15.2	10.6	6.5	2.8	0.0
77.5°	38.3	26.6	18.9	13.1	8.0	3.5	0.0
75°	49.5	34.8	22.9	15.7	9.6	4.2	0.0
72.5°	60.4	42.8	28.4	18.2	11.1	4.9	0.0
70°	70.6	50.4	33.7	20.8	12.6	5.5	0.0
67.5°	79.5	57.7	38.8	24.0	14.0	6.1	0.0
65°	88.0	64.4	43.6	27.1	15.4	6.8	0.0
62.5°	96.0	70.5	48.2	30.0	16.7	7.4	0.0
60°	103.4	76.3	52.4	32.8	18.0	8.0	0.0
57.5°	110.2	81.7	56.4	35.4	19.6	8.5	0.0
55°	116.5	86.6	60.1	37.7	21.1	9.1	0.0
52.5°	122.2	91.1	63.4	39.9	22.6	9.6	0.0
50°	127.4	95.3	66.5	41.9	24.0	10.1	0.0
47.5°	132.2	99.0	69.2	43.7	25.3	10.5	0.0
45°	137.6	102.3	71.7	45.5	26.5	11.0	0.0
42.5°	142.4	105.2	73.8	47.0	27.7	11.4	0.0
40°	146.6	107.7	75.6	48.8	28.8	11.8	0.0
37.5°	150.2	109.6	77.3	50.5	29.9	12.1	0.0
35°	153.2	111.9	78.7	52.2	30.8	12.5	0.0
32.5°	156.0	114.0	79.7	53.6	31.7	12.7	0.0
30°	159.1	115.6	80.4	55.0	32.5	13.0	0.0
27.5°	161.6	116.8	82.2	56.2	33.2	13.2	0.0
25°	163.6	117.5	83.8	57.2	33.8	13.4	0.0
22.5°	164.9	118.4	85.3	58.1	34.4	13.6	0.0
20°	165.8	120.6	86.5	58.8	34.9	13.8	0.0
17.5°	167.6	122.3	87.6	59.3	35.2	13.9	0.0
15°	169.9	123.7	88.4	59.8	35.5	13.9	0.0
12.5°	171.5	124.7	89.0	60.0	35.7	14.0	0.0
10°	172.5	125.4	89.4	60.2	35.9	14.0	0.0
7.5°	172.9	125.6	89.6	60.1	35.9	14.0	0.0
5°	172.7	125.6	89.6	60.0	35.8	14.0	0.0
2.5°	171.9	125.1	89.3	59.7	35.7	13.9	0.0
0°	170.6	124.3	88.8	59.2	35.5	13.8	0.0
-2.5°	171.9	125.1	89.3	59.7	35.7	13.9	0.0
-5°	172.7	125.6	89.6	60.0	35.8	14.0	0.0
-7.5°	172.9	125.6	89.6	60.1	35.9	14.0	0.0
-10°	172.5	125.4	89.4	60.2	35.9	14.0	0.0
-12.5°	171.5	124.7	89.0	60.0	35.7	14.0	0.0
-15°	169.9	123.7	88.4	59.8	35.5	13.9	0.0
-17.5°	167.6	122.3	87.6	59.3	35.2	13.9	0.0
-20°	165.8	120.6	86.5	58.8	34.9	13.8	0.0

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CATALOG NUMBER: GFLD-SA3B-735-U-WR-XX

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	164.9	118.4	85.3	58.1	34.4	13.6	0.0
-25°	163.6	117.5	83.8	57.2	33.8	13.4	0.0
-27.5°	161.6	116.8	82.2	56.2	33.2	13.2	0.0
-30°	159.1	115.6	80.4	55.0	32.5	13.0	0.0
-32.5°	156.0	114.0	79.7	53.6	31.7	12.7	0.0
-35°	153.2	111.9	78.7	52.2	30.8	12.5	0.0
-37.5°	150.2	109.6	77.3	50.5	29.9	12.1	0.0
-40°	146.6	107.7	75.6	48.8	28.8	11.8	0.0
-42.5°	142.4	105.2	73.8	47.0	27.7	11.4	0.0
-45°	137.6	102.3	71.7	45.5	26.5	11.0	0.0
-47.5°	132.2	99.0	69.2	43.7	25.3	10.5	0.0
-50°	127.4	95.3	66.5	41.9	24.0	10.1	0.0
-52.5°	122.2	91.1	63.4	39.9	22.6	9.6	0.0
-55°	116.5	86.6	60.1	37.7	21.1	9.1	0.0
-57.5°	110.2	81.7	56.4	35.4	19.6	8.5	0.0
-60°	103.4	76.3	52.4	32.8	18.0	8.0	0.0
-62.5°	96.0	70.5	48.2	30.0	16.7	7.4	0.0
-65°	88.0	64.4	43.6	27.1	15.4	6.8	0.0
-67.5°	79.5	57.7	38.8	24.0	14.0	6.1	0.0
-70°	70.6	50.4	33.7	20.8	12.6	5.5	0.0
-72.5°	60.4	42.8	28.4	18.2	11.1	4.9	0.0
-75°	49.5	34.8	22.9	15.7	9.6	4.2	0.0
-77.5°	38.3	26.6	18.9	13.1	8.0	3.5	0.0
-80°	26.8	20.5	15.2	10.6	6.5	2.8	0.0
-82.5°	19.8	15.4	11.5	8.0	4.9	2.1	0.0
-85°	13.2	10.3	7.7	5.3	3.3	1.4	0.0
-87.5°	6.6	5.2	3.8	2.7	1.6	0.7	0.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)